

KING CATALOG 2012



KING ENGINE BEARINGS

Global Reach of The Company



Corporate Headquarters & Manufacturing Plant

KING Ltd.
 10 Ha'avats Street
 Kiryat Gat, 82101, Israel
 Phone 972-8-688-8550
 Fax 972-8-681-1881
 Email mail@king-bearings.com
 Web page www.king-bearings.com

North American Headquarters and Main Distribution Center

KING Engine Bearings, Inc.
 371 Little Falls Road, Suite 5
 Cedar Grove, NJ 07009, USA
 Phone 973-857-0705
 Toll-Free 800-772-3670
 Fax 973-857-3228
 Email inquiry@kingbearings.com
 Web page www.kingbearings.com

KING North American Headquarters and Main Distribution Center

King Engine

Bearings, Inc.

371 Little Falls Road, Suite 5
 Cedar Grove, NJ 07009
 Phone: (973) 857-0705
 Toll-Free: (800) 772-3670
 Fax: (973) 857-3228
 Email: inquiry@kingbearings.com
 Web page: www.kingbearings.com

FACTORY BRANCH WAREHOUSES

<p>AZ BROOKE SALES Phoenix, AZ (602) 257-9227 (602) 257-8753</p> <p>CA ENGINE PARTS SPECIALISTS Los Angeles, CA (323) 238-0602 (323) 238-0603 FAX</p> <p>COMMERCIAL WAREHOUSE Sacramento, CA (800) 339-9336 TOLL FREE (916) 977-0973 (916) 977-0976 FAX</p> <p>FL NATIONAL AUTO PARTS WHSE. MIAMI, FL (800) 344-0368 TOLL FREE (305) 953-7287 (305) 953-7293 FAX</p>	<p>GA ENGINE PARTS WAREHOUSE Atlanta, GA (800) 558-8978 TOLL FREE (404) 472-0048 (404) 472-0107 FAX</p> <p>IL HARD PARTS WHSE. Chicago, IL (800) 745-7224 (312) 842-6501 FAX</p> <p>KS SELCO, INC. Kansas City, KS (913) 371-0880 (913) 647-4600 FAX</p> <p>MI BOOTH AUTOMOTIVE, INC. Hazel Park, MI (248) 398-1551 (248) 398-0840 FAX</p>	<p>NC LIBERTY ENGINE PARTS Charlotte, NC (888) 621-4242 TOLL FREE (704) 378-4149 FAX</p> <p>OR COMMERCIAL PARTS WHSE. Portland, OR (800) 452-4752 (503) 232-3151 (503) 233-1612 FAX</p> <p>TX ROL WHSE. Dallas, TX (800) 888-6958 (214) 637-6355 (214) 637-5513 FAX</p> <p>WA AUTOMOTIVE JOBBERS SUPPLY Spokane, WA (509) 624-2291 (509) 624-5686 fax</p>
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Numerical Listings

KING Rod Bearings
KING Camshaft Bearings
KING Main Bearings

KING Pin Bushing Bearings
KING Thrust Washers

INTRODUCTION

Proven Reliability

For more than 40 years, KING has continued to improve the quality and develop the range of our engine bearings. We have earned a worldwide reputation for producing long lasting and reliable bearing inserts. KING is ISO 9001:2000, TS 16949 and AS 9100 Certified.

Quality

Our only products are engine bearings, and because of this specialization, we produce the highest quality bearings available in the automotive aftermarket. Stringent and fully documented quality inspection procedures are employed throughout the entire manufacturing process of each bearing, to ensure the production of top quality engine bearings. Individual shells are stamped with a production number that can trace the bearings history from its origin in raw material through to machining and final shrink - wrap packaging.

KING quality inspection includes chemical & metallurgical analysis, state of the art sizing verification & sequenced dynamometer examination.

KING "Bull's Eye" wall sizing is but one example of our exacting standards. While others are content to be merely "within spec", we set a higher standard of control in the critical wall area, resulting in superior consistency & greater flexibility for the engine rebuilder.

Packaging

Our engine bearings are packaged in sets & shrink wrapped in clear resilient plastic for extended protection from scratching and contamination. Boxing options include branded KING, neutral white or private label for high volume contract customers.

Product Range / Coverage

As a worldwide supplier, KING offers a very broad range of market specific engine bearings covering passenger car, truck, tractor, industrial, military & naval applications.

KING's commitment to expanded market penetration assures fast additional new part number introductions. Not surprisingly, we are often the first with new aftermarket coverage as well as size availability.

Availability

KING engine bearings are available through factory Distribution Centers throughout the United States and authorized distributors located throughout the world for fast delivery to our customers.

Custom Production / Special Orders

Your inquiries are welcome! KING is well equipped to tool and produce a wide range of bushings, thrust washers and insert type engine bearings. Our custom capabilities include large diameter, special design and heavy wall applications.

HOW TO USE THIS CATALOG

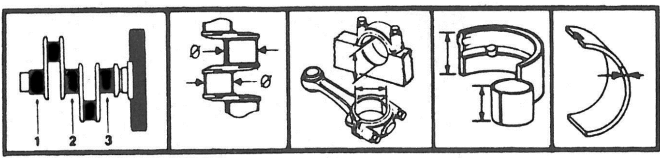
Manufacturer	Year	Cubic Displacement	Bore X Stroke	Line No.
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GENERAL MOTORS PRODUCTS (1305)				42			
262	1975-76	4291 cc	3.67 X 3.11	8 cyl			
265 (4.3L)	1994-96	4300 cc	3.75 X 3.00	8 cyl			
267 (4.4L)	1979-82	4400 cc	3.50 X 3.48	8 cyl			
302	1968-69	4946 cc	4.00 X 3.00	8 cyl			
305 (5.0L)	1976-99	5000 cc	3.74 X 3.48	8 cyl			
307	1968-73	5028 cc	3.88 X 3.25	8 cyl			
327	1968-69	5356 cc	4.00 X 3.25	8 cyl			
350 (5.7L) Except DOHC Engine	1967-99	5700 cc	4.00 X 3.48	8 cyl			
350 (5.7L) Type L	1977-79	5700 cc	4.00 X 3.48	8 cyl			
King Set No	Part No	Qty	Position	Crankshaft Diameter	Housing Diameter	Bearing Length	Max Wall Thickness
CR 807SI STD/001/010/020/030/040 CLE:CB- 663AL(8) ~ FMO:8-2555AP ~ GLA:BB8102LC ~ VAN:VPR91324 ~	C 807	8Pairs		2.099/ 2.100 53.315/ 53.340	2.225/ 2.225 56.507/ 56.520	0.842 21.39	0.0621 1.577
CS 507BB STD CLE:SH- 290S DUR:CH-8 FMO:1235M VAN:VPC979							
MB 557SI STD/010/020/030 <i>FI STD length in all undersizes.</i> CLE:MS- 909AL ~ FMO:4663M~ GLA:M5338LC ~ VAN:VPM91338 ~	M 557U M 557L	4Pairs	1-2-3-4	2.448/ 2.449 62.189/ 62.212	2.641/ 2.642 67.071/ 67.094	0.807 20.50	0.0955 2.426
MB5183AM 010/020/030 <i>Same as MB 557AM but with flange oversize .010". Flange length: 43.89 mm</i> CLE:MS-1744 FMO:7329M							
MB5184AM 010/020/030 <i>Same as MB 557AM but with flange oversize .020". Flange length: 44.15 mm.</i> CLE:MS-1626 FMO:6688M10							
MB5185AM 010/020/030 <i>Same as MB 557AM but with flange oversize .030". Flange length: 44.44 mm</i>							
MB5570AM 010 <i>This set is .020" oversize housing of MB 557AM.</i>	M5570U M5570L	4Pairs	1-2-3-4	2.448/ 2.449 62.189/ 62.212	2.661/ 2.662 67.579/ 67.602	0.807 20.50	0.1055 2.680
	F5570U F5570L	1Pair	5	2.448/ 2.449 62.177/ 62.200	2.661/ 2.662 67.579/ 67.602	1.718 43.64	0.1055 2.680

Set Part Number
(See next page Set Codes)

Individual Part Number
(See next page for Individual Part No. Codes)

Available Undersizes



CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

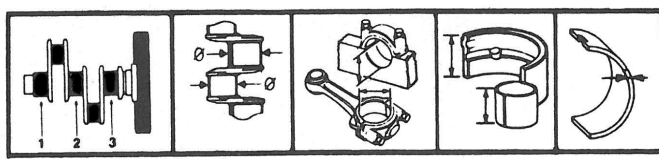
CÓMO USAR ESTE CÁTALOGO

Fabricante	Año	Desplazamiento Cúbico	Diámetro y Carrera	Nro. De Línea			
GENERAL MOTORS PRODUCTS (1305)				42			
262	1975-76	4291 cc	3.67 X 3.11 8 cyl				
265 (4.3L)	1994-96	4300 cc	3.75 X 3.00 8 cyl				
267 (4.4L)	1979-82	4400 cc	3.50 X 3.48 8 cyl				
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CS 507BB STD CLE:SH- 290S DUR:CH-8 FMO:1235M VAN:VPC979							
MB 557SI STD/010/020/030 <i>FI STD length in all undersizes.</i> CLE:MS- 909AL ~ FMO:4663M~ GLA:M5338LC ~ VAN:VPM91338 ~	M 557U M 557L	4Pairs	1-2-3-4	2.448/ 2.449 62.189/ 62.212	2.641/ 2.642 67.071/ 67.094	0.807 20.50	0.0955 2.426
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MB5185AM 010/020/030 <i>Same as MB 557AM but with flange oversize .030". Flange length: 44.44 mm</i>							
MB5570AM 010 <i>This set is .020" oversize housing of MB 557AM.</i>	M5570U M5570L	4Pairs	1-2-3-4	2.448/ 2.449 62.189/ 62.212	2.661/ 2.662 67.579/ 67.602	0.807 20.50	0.1055 2.680
	F5570U F5570L	1Pair	5	2.448/ 2.449 62.177/ 62.200	2.661/ 2.662 67.579/ 67.602	1.718 43.64	0.1055 2.680

Del Conjunto
próxima página para
s de conjuntos)

Nro. Individual de
Componente
(vea próxima página para Codigos de
Cómponentes Individuales)

maños Disponibles



CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

PART NUMBER IDENTIFICATION

SET CODES

(Códigos de Conjuntos)

Prefixes

CR	Connecting Rod Bearing Set
MB	Main Bearing Set
TW	Thrust Washer Set
CS	Camshaft Bushing Set
PB	Pin Bushing Set

Suffixes

AM	ALECULAR™ MATERIAL. Aluminum, Tin, Copper-Plus Alloy on High Strength Steel, High Macro Particle Embedability. High Conformability, Broached Finish
BB	Babbitt on Steel. Precision, "Micro" or Conventional Thickness
CP	Copper- Lead on Steel .0008" Copper- Lead- Tin Overplating
SI	Bi-Metal ALECULAR™ MATERIAL enhanced with Silicon, Bored Finish
HP	High Performance ALECULAR™ MATERIAL enhanced with Silicon on High Strength Steel, Bored finish
XP	High Performance TRI-LECULAR™ MATERIAL. Enhanced tri-metal, copper lead construction with Nickel Barrier

INDIVIDUAL PART NUMBER CODES (Códigos de Conjuntos Individuales)

Prefixes

C	Sleeve Type Half Rod Bearing
M	Sleeve Type Half Main Bearing
F	Sleeve Type Half Flange Bearing
W	Thrust Washer
B	Pin Bushing
S	Camshaft Bushing

Suffixes

U	Upper
L	Lower

ALUMINUM - TIN - SILICON BEARINGS

Introducing the newest generation of KING's Alecular bearing technology...

ALEULAR SI

Preferred OE Material

Versatile Tough Durable

SI Bearings WORK...

Wear resistance - the silicon particles help round off high spots on the crank surface during engine operation, which reduces friction & related wear.

Excellent control of wall variance - because the bearings are unplated, wall variances are reduced by as much as 40% less than tri-metal (over-plated copper lead) bearings.

Fatigue strengths dramatically improved - KING's SI bearings easily exceed maximum peak load capacity for car and light duty applications.

Improved oil clearance tolerances - because of reduced wear, SI bearings make it possible to maintain OEM clearances over the life of the engine, which in turn reduces operating noise, vibration, and excess oil flow

O.E. preferred material - most O.E. engines today use and take advantage of all these benefits.

SI Bearings LAST...

Outstanding service life - exceeds OEM engine durability of 150,000 miles

Superior temperature threshold - the melting point/flaking point of the silicon bi-metal SI bearings is significantly superior to the older tri-metal design (1,100° vs. 400°). This enables KING Engine Bearings to hold up under tough overheating conditions.

Exceptional corrosion resistance – defends against corrosion caused by unleaded fuels and moisture.

Minimized debris embedment – because SI bearings are unplated and bored, hard-particle debris is instantly flushed through the bearing and filtered out of engine rather than scoring the crankshaft and causing long term damage.

SI Bearings SAVE...

Cost Efficient – KING offers you 2 ways to save money

Reduced warranty claims due to bottom end failures

KING customers receive the best pricing (and quality) in the business

Environmentally safe – reduced lead content makes SI bearings environmentally friendly.

MATERIAL SELECTION GUIDE

AM

Alecular Bi-metal Bearings

Recommended primarily for street applications

- Tolerance Control: $\pm .0001$ " vs. the competitions' $\pm .00025$ "
KING is the only manufacturer that holds this Bull's Eye wall tolerance.
- Superior Embedability: Alecular Material is much thicker than Babbitt overlays (.012" vs. .0008"). This provides greater macro-particle ($> .0004$ " diameter) embedability. Macro particles are most responsible for scratching crank journals & tearing/weakening babbitt overlays.
50% of all bearing failures are due to foreign particle contamination.
- Temperature Threshold: Alecular bi-metal withstands 662° F (350° C) compared to tri-metal 365° F (185° C). Affords greater protection against localized overheating due to misalignment, detonation, overloading, loss of coolant, etc.
Almost double the competitions' temperature limit.
- Conformability: Minimum Alecular depth of .012" enables greater adjustment to bore or journal misalignment without causing bearing failure or journal damage.
- Environmentally Friendly: All KING Alecular engine bearings are "Lead Free".

SI

Silicon Alecular Bearings

Recommended for aftermarket gasoline and diesel engine rebuilding and performance engines with O.E. cranks

- Improves Crankshaft Finish: Silicon particles reduce/eliminate microscopic ferrite peaks on improperly ground/polished nodular cast iron crankshafts.
- Wear Resistance: During engine operation, silicon particles round off crank journal high spots, reducing friction and related wear.
- Improved oil clearance: Because of reduced wear, silicon bearings make it possible to maintain O.E. clearances over the life of the engine, which in turn reduces operating noise, vibration, and excess oil flow.
- Tolerance Control: All shells matched to $\pm .0001$ " vs. the competitions' $\pm .00025$ "
- Temperature Threshold: Silicon Alecular material melts/flakes at 662° F vs. tri-metal at 365° F.
- Corrosion Resistance: Defends against corrosion caused by unleaded fuels and moisture.
- Environmentally Friendly: All KING Alecular engine bearings are "Lead Free".
- O.E. preferred material: Most O.E. engines today use and take advantage of all these benefits.

HP

Alecular Pro Series High Performance Bearings


Recommended for street and strip performance including: blown, turbo charged, NOS, and alcohol fueled engines using aftermarket crankshafts

All the benefits of the Alecular Silicon material plus:

- Greater eccentricity: for superior oiling at high RPM.
- Tolerance control: All shells matched to .0001"
- Machined surface: Bored, micro fine unplated bearing surface helps flush contaminants & enhances micro-lubricity.
- Corrosion resistance: Superior corrosion resistant Alecular Silicon material withstands alcohol/methanol fuels.
- Chamfered/Narrowed: Mains are narrowed for large radii crankshafts, while rod bearings feature a 45° chamfer on crank cheek side.
- Improved Oiling: Mains feature enlarged, chamfered oil holes and 3/4 grooving.
- Dowel holes: Most rod bearings are available with or without dowel holes.
- Size selection: Industry's widest range, including hard to find sizes.
- Increased Crush Height: greater rod bearing crush height improves bearing to bore contact / heat transfer and reduces spin potential at high RPM.

XP

XTREME PERFORMANCE Tri-Lecular Bearings

Recommended for long duration  RPM and horsepower applications including circle track, off-road, off-shore, etc.

- Construction: Enhanced tri-metal, copper lead construction with nickel barrier plate. Unique multi-layer adhesion process provides superior stability between the top and intermediate layers.
- Durability: Specifically engineered to withstand the highest loads & RPMs for top motorsports.
- Tolerance control: Superior Bull's Eye wall tolerances. All shells matched to .0001"
- Chamfered/Narrowed: Mains are narrowed for large radii crankshafts, while rod bearings feature a 45° chamfer on crank cheek side.
- Improved Oiling: Mains feature enlarged, chamfered oil holes and 3/4 grooving.
- Dowel holes: Most rod bearings are available with or without dowel holes.
- Increased Crush Height: greater rod bearing crush height improves bearing to bore contact / heat transfer and reduces spin potential at high RPM.

SPECIAL APPLICATIONS

.002" Oversize O.D. Connecting Rod Bearings

King oversize O.D. rod bearings are designed to allow the rebuilder to hone the I.D. of conventional rods instead of cutting the caps and then honing. They are also used to re-size the I.D. of powdered metal "cracked" rods.

MAKE	.002" O/S Rod Bore	STD. Rod Bore	ENGINE
CHEVY	CR 865AM	CR 807SI	SMALL BLOCK
CHEVY	CR 865SI	CR 807SI	SMALL BLOCK
FORD	CR 871AM	CR 804SI	289/4.7L / 302/5.0L
FORD	CR 871SI	CR 804SI	289/4.7L / 302/5.0L
FORD	CR 872AM	CR 814SI	351W/5.8L
FORD	CR 872SI	CR 814SI	351W/5.8L
FORD	CR 881AM	CR 868SI	281/4.6L / 330/5.4L
FORD	CR 881SI	CR 868SI	281/4.6L / 330/5.4L
CHRY/DODGE	CR4183AM	CR4195AM	122/2.0L
CHRY/DODGE	CR4271AM	CR4256AM	148/2.4L
CHEVY	CR6680AM	CR 605SI	173/2.8L / 189/3.1L / 207/3.4L
CHEVY	CR6680SI	CR 605SI	173/2.8L / 189/3.1L / 207/3.4L
CHEVY	CR6683AM	CR6625SI	262/4.3L
CHEVY	CR6683SI	CR6625SI	262/4.3L
CHRY	CR6781SI	CR6780SI	167/2.7L
FORD	CR6804SI	CR 640SI	300/4.9L
AMC/JEEP	CR6805SI	CR 648SI	232/3.8L / 242/4.0L / 258/4.2L
FORD	CR6806SI	CR6619SI	232/3.8L 82-95
FORD	CR6807SI	CR6712SI	232/3.8L / 256/4.2L
CHRY/ JEEP	CR6821SI	CR6636SI	239/3.9L
CHRY/ JEEP	CR8009SI	CR8002SI	287/4.7L
CHRY/ JEEP	CR8013SI	CR 805SI	318/5.2L / 360 5.9L
FORD	CR8014SI	CR 816SI	BIG BLOCK
CHEVY	CR8015SI	CR 808SI	BIG BLOCK
AMC/JEEP	CR8016SI	CR 818SI	304/5.0L / 360/5.9L

SPECIAL APPLICATIONS

.020" Oversize O.D. Main Bearings

Enables align boring or honing of blocks with spun main bearing damage without cutting the main caps first. Maintains exact crankshaft O.E. centerline height.

MAKE	ENGINE	JOURNAL SIZES	KING PART NUMBER
GM	2.8/3.1L V6 (LG. JOUR)	10	MB 4030AM
GM	2.8/3.1L V6 (SM. JOUR)	10	MB 4270AM
GM	305/350 V8	10	MB 5570AM
GM	3.3/3.8/4.3L V6	10	MB 452AM
GM	454/427	10	MB5274AM
GM	6.2/6.5 V8 DIESEL	10 & 20	MB5363CP

Chevy 2.8 V6 Crankshaft Conversion Kit

Replacement 817 cranks are scarce and expensive. This unique kit enables the engine rebuilder to substitute a 504 crank for the 817. Requires grinding of 504 rear flange and use of the late style one piece oil seal.

MAKE	ENGINE	JOURNAL SIZES	KING PART NUMBER
GM	2.8L V6	.25-.50	MB 8001AM

Chevy 350 to 400 Main Spacer

Allows the use of 350 crankshaft in the 400 small block. This is the spacer only - use any Chevy 350 main set on top.

MAKE	ENGINE	JOURNAL SIZES	KING PART NUMBER
GM	400 SBC	STD (any size main set on top)	MB5224AM



KING's ProFlange® main bearing sets offer flange oversizes of .010", .020", and .030".

The flange oversizes can be combined with journal undersizes of .010", .020", .030".

Engine builders can select exactly the right combination of flange oversize and journal undersize needed for a specific engine.

Make	Engine Displacement	Years	Journal Sizes	Flange Oversize		
				.25/. 010	.50/. 020	.75/. 030
FORD	240-250-300	1965-97	10-20-30	MB7725AM	MB7726AM	MB7727AM
FORD	221-255-260-289-302	1962-98	10-20-30	MB5236AM	MB5196AM	MB5197AM
FORD	351W	1977-98	10-20-30	MB5189AM	MB5190AM	MB5191AM
FORD	351-351M-351W-400	1969-76	10-20-30	MB5186AM	MB5187AM	MB5188AM
FORD	330-352-359-360-361-389 390-391-410-427-428	1966-78	10-20-30	MB5204AM	MB5205AM	MB5206AM
GM	173-191	1980-85	.25-.50-.75	MB 491AM	MB 492AM	MB 493AM
GM	173-191	1985-93	.25-.50-.75	MB 485AM	MB 486AM	MB 487AM
GM	231 (except type L)	1975-90	10-20-30	MB 482AM	MB 483AM	MB 484AM
GM	262-267-302-305-307-327-350	1968-98	10-20-30	MB5183AM	MB5184AM	MB5185AM
GM	400 (small block)	1970-80	10-20-30	MB5201AM	MB5202AM	MB5203AM
GM	366-396-400-427-454	1965-98	10-20-30	MB5212AM	MB5213AM	MB5214AM

BEARING TERMINOLOGY



ProFlange is a system of supplying main bearing sets with oversize flanges, letting engine builders compensate for worn thrust surfaces without major machining or installing a new crankshaft.

KING ProFlange bearing sets offer flange oversizes of .010", .020" and .030". Engine builders can select exactly the combination of flange oversize and journal undersize needed for a specific engine.

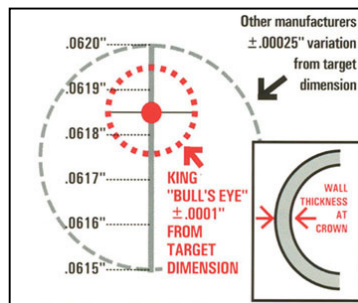


KING specified maximum flange length as a critical target dimension in manufacturing. Then, using its superior quality control procedures, KING established a production tolerance for flange length of only plus or minus .001".

With MaxFlange, engine builders know exactly how long the flange is, to the thousandth of an inch. This helps to alleviate borderline endplay conditions

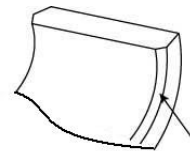


KING has removed concerns about inconsistent shell-to-shell bearing wall thickness. All pairs in a set are matched with maximum wall tolerance of $\pm .0001$ ", compared to the competitions' common $\pm .0003$ "



Chamfer

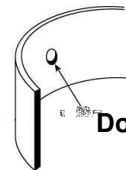
KING High Performance rod bearings feature a large 45° *chamfer* to provide the side clearance necessary for these cranks. The chamfer is used on the side of the bearing alongside the crankshaft counterweight, thus maintaining as much surface area as possible. It is still important to check for adequate clearance in the chamfer area.



Chamfer

Dowel Holes

Several of KING's HP rod bearings feature a dowel hole. In drag racing applications that utilize aluminum connecting rods, a dowel pin is required in order to positively locate the rod bearing. Without this locating pin, the bore distortion and thermal expansion inherent in aluminum rods would reduce the bearing's crush, and allow it to spin in the rod. Since the lower shell is not as highly loaded as is the upper, the dowel hole does not affect bearing performance.



Dowel Hole

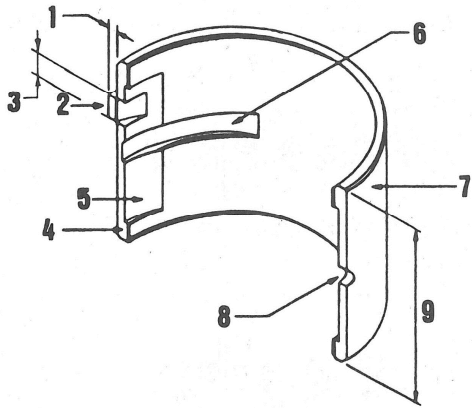
Eccentricity

Bearing wall thickness is not uniform. It drops off from the centerline to the parting lines. The amount of drop, called eccentricity, is measured 3/8" away from each parting line. Eccentricity aids in the formation of the oil wedge.

BEARING NOMENCLATURE

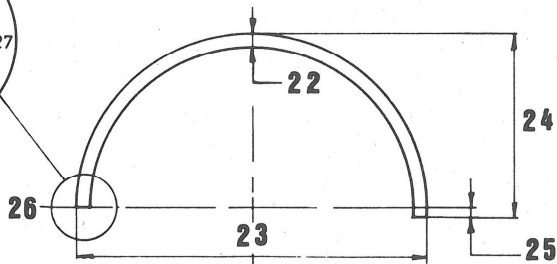
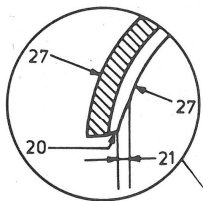
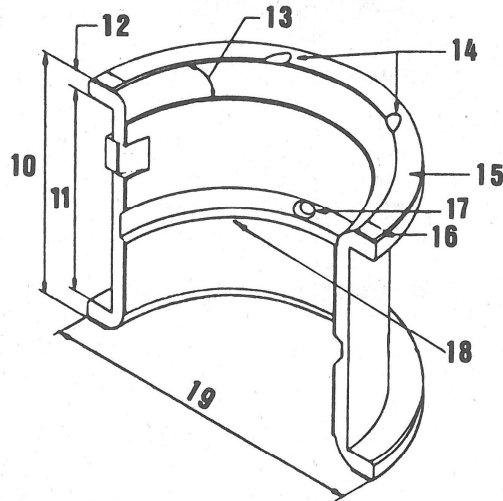
Rod And Main Bearings

1. Lug projection
2. Lug
3. Lug Width
4. Parting Line
5. Spreader Groove
6. 3/4 Groove
7. Back
8. Squirt Hole
9. Length



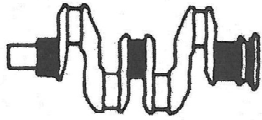
Flange Bearings

10. Overall Length
11. Length Between Flanges
12. Flange Thickness
13. Flange Counterbore
14. Thrust Face Oil Pockets
15. Thrust Face
16. Flange Face Relief
17. Oil Hole
18. Oil Groove
19. Flange Diameter

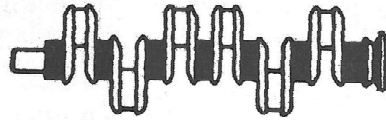


20. Parting Line Chamfer
21. Parting Line Relief
22. Wall Thickness
23. Free Spread Diameter
24. Parting Line Height
25. Crush
26. Split Centerline
27. Eccentric Thickness

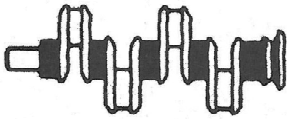
CRANKSHAFT CATEGORIZATION



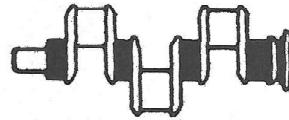
THREE MAIN BEARING - 4 CYLINDER



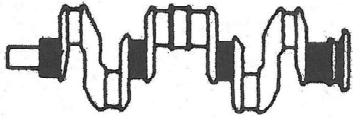
SEVEN MAIN BEARING - 6 CYLINDER



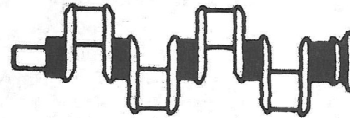
FIVE MAIN BEARING - 4 CYLINDER



FOUR MAIN BEARING - V6



FOUR MAIN BEARING - 6 CYLINDER



FIVE MAIN BEARING - V8

INSTALLATION GUIDELINES

When installing new bearings you should check the following:

1. All rods, rod caps & main caps should be carefully marked by location before disassembly, so that they will be reinstalled in their original positions. Use permanent ink or machinist dye - **do not use hammer type stamping** because it may cause distortion of connecting rods & main caps.
2. Rod & main bearing bores should be inspected with a dial bore gauge to check for out of round or taper conditions that would shorten the service life of the new bearings. Any housing bore that measures out of specifications should be resized. Many machinists will recondition all connecting rods & align hone the block as part of their regular engine rebuilding procedures.
3. The crankshafts journals must be carefully measured & be within Original Equipment Manufacturers tolerances, they must be smooth, & free of burrs. All parts must be spotlessly clean.
4. NEVER use any kind of abrasive pad, cloth, or paper on the bearing surface prior to installation. The overplate layer on an engine bearing may be as thin as .0005", any abrasive used will reduce bearing life.
5. The bearings should be lubricated before the crankshaft is installed.
6. Exercise extreme care when installing the rods. Use bolt protector sleeves on the rod bolts to prevent damage to the crankshaft journals.
7. All bolt threads should be clean & lightly lubricated.
8. Check bearing clearances with plastigage or a dial bore gauge.
9. All bolts must be properly torqued to the Original Equipment Manufacturers specifications.
10. The engine must be **thoroughly pre-lubricated** before it is started.

Engine Index: ACURA









Engine-Code	Years	Cyl	CC	Line
D16A1 L4 Honda 97CI /1.6Liter,	01/1986-	4	1590	1
D16Y8 L4 Honda 97CI /1.6Liter,	01/1997-	4	1590	1
D17A2 L4 Honda 103CI /1.7Liter,	01/2001-	4	1668	2
B17A1 L4 Honda 102CI /1.7Liter,	01/1992-	4	1678	4
B18C1 L4 Honda 110CI /1.8Liter,	01/1994-	4	1797	3
B18C5 L4 Honda 110CI /1.8Liter,	01/1997-	4	1797	3
B18A1 L4 Honda 112CI /1.8Liter,	01/1990-	4	1834	4
B18B1 L4 Honda 112CI /1.8Liter,	01/1994-	4	1834	4
K20A2 L4 Honda 122CI /2.0Liter,	01/2002-	4	1998	8
K20Z1 L4 Honda 122CI /2.0Liter,	01/2005-	4	1998	8
K20A3 L4 Honda 122CI /2.0Liter,	01/2002-	4	1998	5
F22B1 L4 Honda 132CI /2.2Liter,	01/1997-	4	2156	6
F23A1 L4 Honda 138CI /2.3Liter,	01/1998-	4	2260	7

Engine-Code	Years	Cyl	CC	Line
K23A1 L4 Honda 140CI /2.3Liter,	01/2007-	4	2300	8
K24A2 L4 Honda 144CI /2.4Liter,	01/2004-	4	2354	8
K24Z3 L4 Honda 144CI /2.4Liter,	01/2009-	4	2354	8
G25A1 L5 Honda 150CI /2.5Liter,	01/1992-	5	2451	9
G25A4 L5 Honda 150CI /2.5Liter,	01/1996-	5	2451	9
C25A1 V6 Honda 152CI /2.5Liter,	01/1986-	6	2494	10
C27A1 L6 Honda 163CI /2.7Liter,	01/1987-	6	2675	11
6VD1 V6 Isuzu 193CI /3.2Liter,	01/1996-	6	3165	13
C32A1 V6 Honda 196CI /3.2Liter,	01/1991-	6	3206	12
C32A6 V6 Honda 196CI /3.2Liter,	01/1996-	6	3206	12
C35A1 V6 Honda 196CI /3.5Liter,	01/1996-	6	3474	12
6VE1 V6 Isuzu 213CI /3.5Liter,	01/1998-	6	3495	13

Car Model Index: ACURA









Model	Engine	Years	Cyl	CC	Line
CL	F22B1 L4 Honda	1997	4	2156	6
CL	F23A1 L4 Honda		4	2260	7
EL	D16Y8 L4 Honda	1997-	4	1590	1
EL	D17A2 L4 Honda	2001-05	4	1668	2
Integra	D16A1 L4 Honda	1986-89	4	1590	1
Integra	B17A1 L4 Honda	1992-93	4	1678	4
Integra	B18A1 L4 Honda	1990-93	4	1834	4
Integra	B18B1 L4 Honda	1994-	4	1834	4
Integra GS-R	B18C1 L4 Honda	1994-	4	1797	3
Integra R Type	B18C5 L4 Honda	1997-	4	1797	3
Legend	C32A1 V6 Honda	1991-95	6	3206	12
Legend Coupe	C27A1 L6 Honda	1987-90	6	2675	11
Legend Sedan	C25A1 V6 Honda	1987-90	6	2494	10

Model	Engine	Years	Cyl	CC	Line
RDX	K23A1 L4 Honda	2007-10	4	2300	8
RL	C35A1 V6 Honda		6	3474	12
RSX	K20A2 L4 Honda	2002-05	4	1998	8
RSX	K20Z1 L4 Honda	2005-06	4	1998	8
RSX	K20A3 L4 Honda	2002-06	4	1998	5
SLX	6VD1 V6 Isuzu		6	3165	13
SLX	6VE1 V6 Isuzu		6	3495	13
TL	C32A6 V6 Honda		6	3206	12
TL	G25A4 L5 Honda		5	2451	9
TSX	K24A2 L4 Honda	2004-09	4	2354	8
TSX	K24Z3 L4 Honda	2009-10	4	2354	8
Vigor	G25A1 L5 Honda		5	2451	9

ACURA			ACURA						
									
1	D16A1 L4 Honda 97CI /1.6Liter, DOHC, 16 Valves, Gasoline	01/1986-12/1989	1590 cc	75.00 X 90.00	4 cyl	Integra		1	
	D16Y8 L4 Honda 97CI /1.6Liter, SOHC, 16 Valves, Gasoline	01/1997-12/2000	1590 cc	75.00 X 90.00	4 cyl	EL			
CR4046AM _{STD/.25/.5/.75/1.0}	ACL: 4B1956 DAI: R9750A GLA: B4761LC NDC: CB-2208GP OEM: 13211~13217-PR3-004	CLE: CB-1461AL (4) FMO: 4-4470P GLY: 71-4358/4 OEM: 13213-PG6-003	C4046	4 Pairs		1.7707/ 1.7717 44.976/ 45.001	1.8898/ 1.8906 48.001/ 48.021	0.7280 18.49	0.0591 1.501
MB5568AM _{STD/.25/.5/.75/1.0/1.5}	ACL: 5M1957 DAI: M9900K GLA: M5554LC OEM: 13326-P2F-A01 OEM: 13032-13038-PH3-S10	CLE: MS-1804P FMO: 7102M NDC: MS-2208GP	M5568	5 Pairs		2.1644/ 2.1653 54.976/ 54.999	2.3228/ 2.3238 58.999/ 59.025	0.7870 19.99	0.0793 2.014
TW 140AM _{STD}			W 140	1 Pair		2.4016/ 2.4114	3.2283/ 3.2382	0.0000	0.0984

ACURA				ACURA			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
ACL:1T1957 DAI:T 990A GLA:W2407SA OEM:13014-PG6-S10	CLE:TW- 473S FMO:1826AF NDC:TW-2208GP			61.001/ 61.250	81.999/ 82.250	0.00	2.499
2	D17A2 L4 Honda 103Cl /1.7Liter, SOHC, 16 Valves, Gasoline	01/2001- 12/2005	1668 cc	75.00 X 94.40	4 cyl	EL	2
CR4512SI STD/.25/.5/.75/1.0	C4512	4 Pairs		1.7707/ 1.7717 44.976/ 45.001	1.8898/ 1.8907 48.001/ 48.024	0.6100 15.49	0.0590 1.499
ACL:4B1980 OEM:13211-PMM-A01							
MB5568AM STD/.25/.5/.75/1.0/1.5	M5568	5 Pairs		2.1644/ 2.1653 54.976/ 54.999	2.3228/ 2.3238 58.999/ 59.025	0.7870 19.99	0.0793 2.014
ACL:5M1957 DAI:M9900K GLA:M5554LC OEM:13326-P2F-A01 OEM:13032-13038-PH3-S10	CLE:MS-1804P FMO:7102M NDC:MS-2208GP						
TW 140AM STD	W 140	1 Pair		2.4016/ 2.4114 61.001/ 61.250	3.2283/ 3.2382 81.999/ 82.250	0.0000 0.00	0.0984 2.499
ACL:1T1957 DAI:T 990A GLA:W2407SA OEM:13014-PG6-S10	CLE:TW- 473S FMO:1826AF NDC:TW-2208GP						
3	B18C1 L4 Honda 110Cl /1.8Liter, DOHC, 16 Valves, Gasoline	01/1994- 12/2001	1797 cc	81.00 X 87.20	4 cyl	Integra GS-R	3
	B18C5 L4 Honda 110Cl /1.8Liter, DOHC, 16 Valves, Gasoline	01/1997- 12/2001	1797 cc	81.00 X 87.20	4 cyl	Integra R Type	
CR4287AM STD/.25/.5/.75	C4287	4 Pairs		1.7707/ 1.7716 44.976/ 44.999	1.8898/ 1.8907 48.001/ 48.024	0.6890 17.50	0.0591 1.501
ACL:4B1925							
MB5259AM STD/.25/.5/.75/1.0	M5259U M5259L	5 Pairs		2.1646/ 2.1654 54.981/ 55.001	2.3228/ 2.3236 58.999/ 59.019	0.7900 20.07	0.0787 1.999
ACL:5M1959 DAI:M9750K NDC:MS-2215GP OEM:13032-13038-PR3-S10	CLE:MS-2095P FMO:7324M OEM:13321-PR3-003						
TW 140AM STD	W 140	1 Pair		2.4016/ 2.4114 61.001/ 61.250	3.2283/ 3.2382 81.999/ 82.250	0.0000 0.00	0.0984 2.499
ACL:1T1957 DAI:T 990A GLA:W2407SA OEM:13014-PG6-S10	CLE:TW- 473S FMO:1826AF NDC:TW-2208GP						
4	B17A1 L4 Honda 102Cl /1.7Liter, DOHC, 16 Valves, Gasoline	01/1992- 12/1993	1678 cc	81.00 X 81.00	4 cyl	Integra	4
	B18A1 L4 Honda 112Cl /1.8Liter, DOHC, 16 Valves, Gasoline	01/1990- 12/1993	1834 cc	81.00 X 89.00	4 cyl	Integra	
	B18B1 L4 Honda 112Cl /1.8Liter, DOHC, 16 Valves, Gasoline	01/1994- 12/2001	1834 cc	81.00 X 89.00	4 cyl	Integra	
CR 439AM STD/.25/.5/.75/1.0	C 439	4 Pairs		1.7707/ 1.7716 44.976/ 44.999	1.8898/ 1.8907 48.001/ 48.024	0.7680 19.51	0.0591 1.501
ACL:4B1946 DAI:R 989K GLA:B4777LC OEM:1316-PC6-003 OEM:13211-13217-PC6-003/004	CLE:CB-1353AL (4) FMO:4-1495CP NDC:CB-2200GP						
MB5259AM STD/.25/.5/.75/1.0	M5259U M5259L	5 Pairs		2.1646/ 2.1654 54.981/ 55.001	2.3228/ 2.3236 58.999/ 59.019	0.7900 20.07	0.0787 1.999
ACL:5M1959 DAI:M9750K NDC:MS-2215GP OEM:13032-13038-PR3-S10	CLE:MS-2095P FMO:7324M OEM:13321-PR3-003						
TW 140AM STD	W 140	1 Pair		2.4016/ 2.4114 61.001/ 61.250	3.2283/ 3.2382 81.999/ 82.250	0.0000 0.00	0.0984 2.499
ACL:1T1957 DAI:T 990A GLA:W2407SA OEM:13014-PG6-S10	CLE:TW- 473S FMO:1826AF NDC:TW-2208GP						
5	K20A3 L4 Honda 122Cl /2.0Liter, DOHC, 16 Valves, Gasoline	01/2002- 12/2006	1998 cc	86.00 X 86.00	4 cyl	RSX	5
MB5259AM STD/.25/.5/.75/1.0	M5259U M5259L	5 Pairs		2.1646/ 2.1654 54.981/ 55.001	2.3228/ 2.3236 58.999/ 59.019	0.7900 20.07	0.0787 1.999
ACL:5M1959 DAI:M9750K NDC:MS-2215GP OEM:13032-13038-PR3-S10	CLE:MS-2095P FMO:7324M OEM:13321-PR3-003						
TW 140AM STD	W 140	1 Pair		2.4016/ 2.4114 61.001/ 61.250	3.2283/ 3.2382 81.999/ 82.250	0.0000 0.00	0.0984 2.499
ACL:1T1957 DAI:T 990A GLA:W2407SA	CLE:TW- 473S FMO:1826AF NDC:TW-2208GP						

ACURA				ACURA				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
OEM: 13014-PG6-S10								
6	F22B1 L4 Honda 132CI /2.2Liter, SOHC, 16 Valves, Gasoline	01/1997-12/1997	2156 cc	85.00 X 95.00	4 cyl	CL	6	
CR4033AM STD/.25/.5/.75/1.0	C4033	4 Pairs		1.8888/ 1.8898 47.976/ 48.001	2.0079/ 2.0088 51.001/ 51.024	0.7680 19.51	0.0594 1.509	
ACL: 4B1936 CLE: CB-1456AL (4) DAI: R 991K FMO: 4-1825CP GLA: B4762LC NDC: CB-2213GP OEM: 13215-P13-014 OEM: 13211-13217-PH3-003								
MB5168AM STD/.25/.5/.75/1.0/1.25/1.5	M5168	5 Pairs		1.9676/ 1.9685 49.977/ 50.000	2.1260/ 2.1269 54.000/ 54.023	0.7870 19.99	0.0787 1.999	
ACL: 5M1952 CLE: MS-2012P DAI: M9950K FMO: 7103M GLA: M5555LC NDC: MS-2213GP OEM: 13325-PTO-004 OEM: 13321-13327-PC6-003VAN: VPM92642LC								
TW 152AM	W 152	1 Pair		0.0000/ 2.2641 0.000/ 57.508	3.0713/ 0.0000 78.011/ 0.000	0.0000 0.00	0.0980 2.489	
ACL: 1T1937 CLE: TW- 587S DAI: T9950A FMO: 1203BF NDC: TW-2213A OEM: 13331-PT0-003								
7	F23A1 L4 Honda 138CI /2.3Liter, SOHC, 16 Valves, Gasoline	01/1998-12/1999	2260 cc	86.00 X 97.00	4 cyl	CL	7	
MB5568AM STD/.25/.5/.75/1.0/1.5	M5568	5 Pairs		2.1644/ 2.1653 54.976/ 54.999	2.3228/ 2.3238 58.999/ 59.025	0.7870 19.99	0.0793 2.014	
ACL: 5M1957 CLE: MS-1804P DAI: M9900K FMO: 7102M GLA: M5554LC NDC: MS-2208GP OEM: 13326-P2F-A01 OEM: 13032-13038-PH3-S10								
TW 140AM STD	W 140	1 Pair		2.4016/ 2.4114 61.001/ 61.250	3.2283/ 3.2382 81.999/ 82.250	0.0000 0.00	0.0984 2.499	
ACL: 1T1957 CLE: TW- 473S DAI: T 990A FMO: 1826AF GLA: W2407SA NDC: TW-2208GP OEM: 13014-PG6-S10								
8	K20A2 L4 Honda 122CI /2.0Liter, DOHC, 16 Valves, Gasoline	01/2002-12/2005	1998 cc	86.00 X 86.00	4 cyl	RSX	8	
	K20Z1 L4 Honda 122CI /2.0Liter, DOHC, 16 Valves, Gasoline	01/2005-12/2006	1998 cc	86.00 X 86.00	4 cyl	RSX		
	K23A1 L4 Honda 140CI /2.3Liter, DOHC, 16 Valves, Gasoline Supercharged	01/2007-12/2010	2300 cc	86.00 X 99.00	4 cyl	RDX		
	K24A2 L4 Honda 144CI /2.4Liter, DOHC, 16 Valves, Gasoline	01/2004-12/2009	2354 cc	87.00 X 99.00	4 cyl	TSX		
	K24Z3 L4 Honda 144CI /2.4Liter, DOHC, 16 Valves, Gasoline	01/2009-12/2010	2354 cc	87.00 X 99.00	4 cyl	TSX		
MB5259AM STD/.25/.5/.75/1.0	M5259U M5259L	5 Pairs		2.1646/ 2.1654 54.981/ 55.001	2.3228/ 2.3236 58.999/ 59.019	0.7900 20.07	0.0787 1.999	
ACL: 5M1959 CLE: MS-2095P DAI: M9750K FMO: 7324M NDC: MS-2215GP OEM: 13321-PR3-003 OEM: 13032-13038-PR3-S10								
TW 140AM STD	W 140	1 Pair		2.4016/ 2.4114 61.001/ 61.250	3.2283/ 3.2382 81.999/ 82.250	0.0000 0.00	0.0984 2.499	
ACL: 1T1957 CLE: TW- 473S DAI: T 990A FMO: 1826AF GLA: W2407SA NDC: TW-2208GP OEM: 13014-PG6-S10								
9	G25A1 L5 Honda 150CI /2.5Liter, SOHC, 20 Valves, Gasoline	01/1992-12/1994	2451 cc	85.00 X 86.40	5 cyl	Vigor	9	
	G25A4 L5 Honda 150CI /2.5Liter, SOHC, 20 Valves, Gasoline	01/1996-12/1998	2451 cc	85.00 X 86.40	5 cyl	TL		
CR 520AM	C 439	5 Pairs		1.7707/ 1.7716 44.976/ 44.999	1.8898/ 1.8907 48.001/ 48.024	0.7680 19.51	0.0591 1.501	
MB 625AM	M 625	6 Pairs		2.1644/ 2.1654 54.976/ 55.001	2.3230/ 2.3238 59.004/ 59.025	0.7815 19.85	0.0794 2.017	
TW 140AM STD	W 140	1 Pair		2.4016/ 2.4114 61.001/ 61.250	3.2283/ 3.2382 81.999/ 82.250	0.0000 0.00	0.0984 2.499	
ACL: 1T1957 CLE: TW- 473S DAI: T 990A FMO: 1826AF GLA: W2407SA NDC: TW-2208GP								

ACURA				ACURA			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
OEM:13014-PG6-S10							
10	C25A1 V6 Honda 152CI /2.5Liter, SOHC, 24 Valves, Gasoline	01/1986-12/1987	2494 cc	84.00 X 75.00	6 cyl	Legend Sedan	10
CR6738AMSTD/.25/.5/1.0	C6738	6 Pairs		2.0463/ 2.0472 51.976/ 51.999	2.1654/ 2.1663 55.001/ 55.024	0.6890 17.50	0.0592 1.504
ACL:6B1935 CLE:CB-1457P (6) DAI:R 998K FMO:6-4480P GLA:B6643LC NDC:CB-2210GP OEM:13022-P0G-A00 OEM:13211-13215-PH7-013							
MB4007AMSTD	M4007U M4007L	4 Pairs	1-4	2.5187/ 2.5197 63.975/ 64.000	2.6772/ 2.6781 68.001/ 68.024	0.7870 19.99	0.0787 1.999
ACL:4M1934 CLE:MS-1805P DAI:M9980K FMO:7287M GLA:M4283LC NDC:MS-2210GP OEM:13321-13325-PH7-013/014							
TW 151AM <i>Under Development</i>	W 151	1 Pair		0.0000/ 2.9630 0.000/ 75.260	3.7010/ 0.0000 94.005/ 0.000	0.0000 0.00	0.0984 2.499
ACL:1T1934 CLE:TW- 474S DAI:T 998A FMO:4481F NDC:TW-2210GP OEM:13331-PH7-003							
11	C27A1 L6 Honda 163CI /2.7Liter, SOHC, 24 Valves, Gasoline	01/1987-12/1990	2675 cc	87.00 X 75.00	6 cyl	Legend Coupe	11
CR6738AMSTD/.25/.5/1.0	C6738	6 Pairs		2.0463/ 2.0472 51.976/ 51.999	2.1654/ 2.1663 55.001/ 55.024	0.6890 17.50	0.0592 1.504
ACL:6B1935 CLE:CB-1457P (6) DAI:R 998K FMO:6-4480P GLA:B6643LC NDC:CB-2210GP OEM:13022-P0G-A00 OEM:13211-13215-PH7-013							
MB4057AMSTD/.25/.5/1.0	M4057U M4057L	4 Pairs		2.5187/ 2.5197 63.975/ 64.000	2.7172/ 2.7181 69.017/ 69.040	0.7870 19.99	0.0807 2.050
ACL:4M1934							
TW 151AM <i>Under Development</i>	W 151	1 Pair		0.0000/ 2.9630 0.000/ 75.260	3.7010/ 0.0000 94.005/ 0.000	0.0000 0.00	0.0984 2.499
ACL:1T1934 CLE:TW- 474S DAI:T 998A FMO:4481F NDC:TW-2210GP OEM:13331-PH7-003							
12	C32A1 V6 Honda 196CI /3.2Liter, SOHC, 24 Valves, Gasoline	01/1991-12/1995	3206 cc	90.00 X 84.00	6 cyl	Legend	12
C32A6 V6 Honda 196CI /3.2Liter, SOHC, 24 Valves, Gasoline	01/1996-12/1998	3206 cc	90.00 X 84.00	6 cyl	TL		
C35A1 V6 Honda 196CI /3.5Liter, SOHC, 24 Valves, Gasoline	01/1996-12/2005	3474 cc	90.00 X 91.00	6 cyl	RL		
CR6759AMSTD/.25/.5/1.0	C6759	6 Pairs		2.1248/ 2.1257 53.970/ 53.993	2.2443/ 2.2448 57.005/ 57.018	0.6850 17.40	0.0589 1.496
OEM:13211-PY3-003							
MB4062AMSTD/.25/.5/1.0	M4062U M4062L	4 Pairs	1-4	2.6762/ 2.6772 67.975/ 68.001	2.8757/ 2.8764 73.043/ 73.061	0.7870 19.99	0.0984 2.499
OEM:13341-PY3-004							
13	6VD1 V6 Isuzu 193CI /3.2Liter, SOHC, 24 Valves, vin V, Gasoline	01/1996-12/1997	3165 cc	93.40 X 77.00	6 cyl	SLX	13
6VE1 V6 Isuzu 213CI /3.5Liter, DOHC, 24 Valves, vin X, Gasoline	01/1998-12/1999	3495 cc	93.40 X 85.00	6 cyl	SLX		
CR6685AMSTD/.25/.5/1.0	C6685	6 Pairs	1-6	2.1229/ 2.1235 53.922/ 53.937	2.2434/ 2.2441 56.982/ 57.000	0.6732 17.10	0.0597 1.516
ACL:6B1840 CLE:CB-1830P (6) FMO:6-4920P OEM:8-97072-986-0							
MB4010AMSTD/.25/.5/1.0	M4010/1	2 Pairs	1,4	2.5165/ 2.5170 63.919/ 63.932	2.7157/ 2.7165 68.979/ 68.999	0.7299 18.54	0.0992 2.520
ACL:4M1842 CLE:MS-2236P FMO:7408M OEM:8-92064-016-0							
TW 171AMSTD	M4010A M4010B	2 Pairs	2,3	2.5165/ 2.5170 63.919/ 63.932	2.7157/ 2.7165 68.979/ 68.999	0.6512 16.54	0.0992 2.520
ACL:1T1842 CLE:TW- 615S FMO:4922F OEM:8-97014-208-0							
TW 171AMSTD	W 171	1 Pair		2.7953/ 2.8051 71.001/ 71.250	3.8405/ 3.8504 97.549/ 97.800	0.0000 0.00	0.0770 1.956

Engine Index: ACURA PERFORMANCE

Engine-Code	Years	Cyl	CC	Line
D16A1 (1.6L) DOHC 16 Valve	1986-89	4	1590	1
D16Y8 (1.6L) SOHC 16 Valve	1997-	4	1590	1
B17A1 (1.7L) DOHC 16 Valve	1992-93	4	1678	3
B18C1 (1.8L) DOHC 16 Valve	1994-01	4	1797	2
B18C5 (1.8L) DOHC 16 Valve	1997-01	4	1797	2
B18A1 (1.8L) DOHC 16 Valve	1990-93	4	1834	3
B18B1 (1.8L) DOHC 16 Valve	1994-	4	1834	3

Engine-Code	Years	Cyl	CC	Line
K20A2 (2.0L) DOHC 16 Valve	2002-04	4	1998	5
K20Z1 (2.0L) DOHC 16 Valve	2005-06	4	1998	5
K20A3 (2.0L) DOHC 16 Valve	2002-06	4	1998	4
K23A1 (2.3L) DOHC 16 Valve	2007-10	4	2300	5
K24A2 (2.4L) DOHC 16 Valve	2004-09	4	2354	5
K24Z3 (2.4L) DOHC 16 Valve	2009-10	4	2354	5

Car Model Index: ACURA PERFORMANCE

Model	Engine	Years	Cyl	CC	Line

ACURA PERFORMANCE						ACURA PERFORMANCE					
King Set No.		Part No.		Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
1	D16A1 (1.6L) DOHC 16 Valve	1986-89	1590 cc	75.00 X 90.00	4 cyl					1	
	D16Y8 (1.6L) SOHC 16 Valve VTEC	1997-2000	1590 cc	75.00 X 90.00	4 cyl						
CR4046XP ^{STD/.25} ACL:4B1956H		C4046	4 Pairs			1.7709/ 1.7717 44.981/ 45.001	1.8898/ 1.8905 48.001/ 48.019	0.7280 18.49	0.0590 1.499		
MB5568XP ^{STD/.25} ACL:5M1957H FMO:160M		M5568-PR	5 Pairs			2.1646/ 2.1654 54.981/ 55.001	2.3228/ 2.3236 58.999/ 59.019	0.7870 19.99	0.0788 2.002		
TW 140AM ^{STD} ACL:1T1957 CLE:TW- 473S DAI:T 990A FMO:1826AF GLA:W2407SA NDC:TW-2208GP OEM:13014-PG6-S10		W 140	1 Pair			2.4016/ 2.4114 61.001/ 61.250	3.2283/ 3.2382 81.999/ 82.250	0.0000 0.00	0.0984 2.499		
2	B18C1 (1.8L) DOHC 16 Valve VTEC	1994-01	1797 cc	81.00 X 89.00	4 cyl					2	
	B18C5 (1.8L) DOHC 16 Valve VTEC	1997-01	1797 cc	81.00 X 87.20	4 cyl						
CR4287XP ^{STD/.25/STDX} ACL:4B1925H CLE:CB-1785H		C4287/PR	4 Pairs			1.7707/ 1.7717 44.976/ 45.001	1.8898/ 1.8907 48.001/ 48.024	0.6880 17.48	0.0595 1.511		
MB5259XP ^{STD/.25/.5/STDX} ACL:5M1959H FMO:159M		M5259U/PR M5259L/PR	5 Pairs			2.1646/ 2.1654 54.981/ 55.001	2.3228/ 2.3236 58.999/ 59.019	0.7900 20.07	0.0787 1.999		
TW 140AM ^{STD} ACL:1T1957 CLE:TW- 473S DAI:T 990A FMO:1826AF GLA:W2407SA NDC:TW-2208GP OEM:13014-PG6-S10		W 140	1 Pair			2.4016/ 2.4114 61.001/ 61.250	3.2283/ 3.2382 81.999/ 82.250	0.0000 0.00	0.0984 2.499		
3	B17A1 (1.7L) DOHC 16 Valve VTEC	1992-93	1678 cc	81.00 X 81.00	4 cyl					3	
	B18A1 (1.8L) DOHC 16 Valve	1990-93	1834 cc	81.00 X 89.00	4 cyl						
	B18B1 (1.8L) DOHC 16 Valve	1994-2001	1834 cc	81.00 X 89.00	4 cyl						
CR 439XP ^{STD/.25/STDX} ACL:4B1949H CLE:CB-1353H FMO:4-7195CH		C 439	4 Pairs			1.7707/ 1.7716 44.976/ 44.999	1.8898/ 1.8907 48.001/ 48.024	0.7680 19.51	0.0591 1.501		
MB5259XP ^{STD/.25/.5/STDX} ACL:5M1959H FMO:159M		M5259U/PR M5259L/PR	5 Pairs			2.1646/ 2.1654 54.981/ 55.001	2.3228/ 2.3236 58.999/ 59.019	0.7900 20.07	0.0787 1.999		

ACURA PERFORMANCE				ACURA PERFORMANCE			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
TW 140AMSTD ACL:1T1957 CLE:TW- 473S DAI:T 990A FMO:1826AF GLA:W2407SA NDC:TW-2208GP OEM:13014-PG6-S10	W 140	1 Pair		2.4016/ 2.4114 61.001/ 61.250	3.2283/ 3.2382 81.999/ 82.250	0.0000 0.00	0.0984 2.499
4	K20A3 (2.0L) DOHC 16 Valve	2002-06	1998 cc	86.00 X 86.00	4 cyl		4
CR4541XPSTD/.25/5 ACL:4B1906H	C4541-PR	4 Pairs	1-4	1.7707/ 1.7717 44.976/ 45.001	1.8898/ 1.8907 48.001/ 48.024	0.6102 15.50	0.0591 1.501
MB5259XPSTD/.25/5/STDX ACL:5M1959H FMO:159M	M5259U/PR M5259L/PR	5 Pairs		2.1646/ 2.1654 54.981/ 55.001	2.3228/ 2.3236 58.999/ 59.019	0.7900 20.07	0.0787 1.999
TW 140AMSTD ACL:1T1957 CLE:TW- 473S DAI:T 990A FMO:1826AF GLA:W2407SA NDC:TW-2208GP OEM:13014-PG6-S10	W 140	1 Pair		2.4016/ 2.4114 61.001/ 61.250	3.2283/ 3.2382 81.999/ 82.250	0.0000 0.00	0.0984 2.499
5	K20A2 (2.0L) DOHC 16 Valve VTEC	2002-04	1998 cc	86.00 X 86.00	4 cyl		5
	K20Z1 (2.0L) DOHC 16 Valve VTEC	2005-06	1998 cc	86.00 X 86.00	4 cyl		
	K23A1 (2.3L) DOHC 16 Valve Turbo	2007-10	2300 cc	86.00 X 99.00	4 cyl		
	K24A2 (2.4L) DOHC 16 valve VTEC	2004-09	2354 cc	87.00 X 99.00	4 cyl		
	K24Z3 (2.4L) DOHC 16 Valve	2009-10	2354 cc	87.00 X 99.00	4 cyl		
CR4542XPSTD/.25/5 ACL:4B1972H	C4542-PR	4 Pairs		1.8890/ 1.8898 47.981/ 48.001	2.0080/ 2.0088 51.003/ 51.024	0.6060 15.39	0.0591 1.501
MB5259XPSTD/.25/5/STDX ACL:5M1959H FMO:159M	M5259U/PR M5259L/PR	5 Pairs		2.1646/ 2.1654 54.981/ 55.001	2.3228/ 2.3236 58.999/ 59.019	0.7900 20.07	0.0787 1.999
TW 140AMSTD ACL:1T1957 CLE:TW- 473S DAI:T 990A FMO:1826AF GLA:W2407SA NDC:TW-2208GP OEM:13014-PG6-S10	W 140	1 Pair		2.4016/ 2.4114 61.001/ 61.250	3.2283/ 3.2382 81.999/ 82.250	0.0000 0.00	0.0984 2.499

Engine Index: ALFA ROMEO

Engine-Code	Years	Cyl	CC	Line
AR 30500 L4 72CI /1.2Liter,	03/1983-	4	1186	1
AR 31000 L4 72CI /1.2Liter, 8	03/1983-	4	1186	1
AR 30100 H4 82CI /1.4Liter,	03/1983-	4	1351	1
AR 30520 H8 91CI /1.5Liter,	05/1983-	8	1490	1
AR 30750 L4 91CI /1.5Liter,	01/1990-	4	1490	1
AR 00526 L4 96CI /1.6Liter,	10/1962-	4	1570	4
AR 30550 H4 104CI /1.7Liter,	09/1976-	4	1712	1
AR 33401 H4 104CI /1.7Liter,	07/1994-	4	1712	2
AR 01608 L4 109CI /1.8Liter,	01/1974-	4	1779	4
AR 06134 L4 109CI /1.8Liter, 8	05/1985-	4	1779	4
192 A5.000 L4 117CI /1.9Liter,	10/2001-	4	1910	3
AR 37101 L4 117CI /1.9Liter,	07/1999-	4	1910	3
AR 00515 L4 120CI /2.0Liter,	03/1971-	4	1962	4
AR 01699 L4 120CI /2.0Liter,	-	4	1962	4
AR 06166 L4 120CI /2.0Liter,	05/1985-	4	1962	4
VM 4 HT L4 122CI /2.0Liter,	10/1977-	4	1995	7
VM 80 A L4 122CI /2.0Liter,	-	4	1995	7
AR 06476 L4 122CI /2.0Liter,	01/1987-	4	1995	5









Engine-Code	Years	Cyl	CC	Line
AR 01932 V6 122CI /2.0Liter,	04/1979-	6	1996	9
AR 34102 V6 122CI /2.0Liter,	09/1998-	6	1996	9
AR 64101 V6 122CI /2.0Liter,	01/1987-	6	1996	9
AR 64102 V6 122CI /2.0Liter,	01/1987-	6	1996	9
841 G.000 L5 146CI /2.4Liter,	07/2002-	5	2387	6
AR 34202 L5 146CI /2.4Liter,	09/1998-	5	2387	6
VM 81 A L4 146CI /2.4Liter, 8	-	4	2393	7
8144.21.220 L4 149CI	07/1982-	4	2445	8
8144.61.200 L4 149CI /2.5Liter,	-	4	2445	8
AR 01646 V6 152CI /2.5Liter,	01/1978-	6	2492	9
AR 01928 V6 152CI /2.5Liter,	04/1979-	6	2492	9
AR 32402 V6 152CI /2.5Liter,	09/1997-	6	2492	9
AR 06120 V6 181CI /3.0Liter,	05/1985-	6	2959	9
AR 06430 V6 181CI /3.0Liter,	01/1987-	6	2959	9
AR 16101 V6 181CI /3.0Liter,	09/1994-	6	2959	9
AR 61501 V6 181CI /3.0Liter,	09/1988-	6	2959	9
AR 66302 L6 181CI /3.0Liter,	01/1987-	6	2959	9

Car Model Index: ALFA ROMEO









Model	Engine	Years	Cyl	CC	Line
1.5TI	AR 30100 H4 82CI	1979--	4	1351	1
10 AR 6	8144.61.200 L4	1978-	4	2445	8
13 AR 6 Vans	8144.61.200 L4	1978-	4	2445	8
147 1.9 JTD 16V	192 A5.000 L4	2003-	4	1910	3
147 1.9 JTD 16V	AR 37101 L4 117CI	2002-	4	1910	3
155 2.5 V6	AR 01928 V6	02/92-	6	2492	9
156 1.9 JTD 16V	192 A5.000 L4	2003-	4	1910	3
156 1.9 JTD 16V	AR 37101 L4 117CI	2002-	4	1910	3
156 2.4 JTD 20V	AR 34202 L5 146CI	04.2002-	5	2387	6
156 2.5 V6 24V	AR 32402 V6	09/97-	6	2492	9
156 Sportwagon 2.5 V6	AR 32402 V6	05/00-	6	2492	9
159 2.4 JTD 20V	841 G.000 L5	2005-	5	2387	6
164 2.0 V6 Turbo	AR 64101 V6		6	1996	9
164 3.0 V6	AR 66302 L6 181CI	06/87-	6	2959	9
164 TD	VM 81 A L4 146CI		4	2393	7
164 Twin Spark 148HP	AR 00515 L4 120CI	1987-	4	1962	4
166 2.0 V6	AR 34102 V6		6	1996	9
166 2.5 V6 24V	AR 32402 V6	09/98-	6	2492	9
166 2.5 V6 24V	AR 01646 V6	10/2000	6	2492	9
166 3.0 V6 24V	AR 16101 V6	09/98-	6	2959	9
1750	AR 06134 L4 109CI	1968--	4	1779	4
1750	AR 01608 L4 109CI	1968--	4	1779	4
1750gt Coupe Spider	AR 01608 L4 109CI	1968--	4	1779	4
2000 Berlina	AR 06166 L4 120CI	1971-76	4	1962	4
30 AE 8	8144.61.200 L4	1978-	4	2445	8
32 AR 8	8144.61.200 L4	1978-	4	2445	8
35 AR 8 Turbo Van	8144.61.200 L4	1978-	4	2445	8
35 ARVANS	8144.61.200 L4	1978-	4	2445	8
40 AR 8 VAN	8144.61.200 L4	1978-	4	2445	8
75 2.0TD	VM 4 HT L4 122CI	1985-89	4	1995	7
75 2.4TD	VM 80 A L4 122CI	1988-	4	1995	7
75 3.0 V6	AR 06430 V6	01/87-	6	2959	9
75 3.0 V6	AR 61501 V6	02/90-	6	2959	9
90 2.0 i.e.	AR 64102 V6		6	1996	9
90 2.4TD	VM 80 A L4 122CI	1984-87	4	1995	7
Alfa 33 1.3	AR 30500 L4 72CI	1983--	4	1186	1
Alfa 33 1.5	AR 30100 H4 82CI	1984--	4	1351	1
Alfa 33 1.5 4x4	AR 30100 H4 82CI	1984-->	4	1351	1
Alfa 33 1.7	AR 30520 H8 91CI	1986--	8	1490	1
Alfa 75 1.8 Turbo	AR 01699 L4 120CI	1985-	4	1962	4
Alfa 75 136	AR 00526 L4 96CI	1985 ->	4	1570	4
Alfa 75 2.0	AR 06166 L4 120CI	1985-	4	1962	4

Model	Engine	Years	Cyl	CC	Line
Alfa 90 1.8 SUPER	AR 01608 L4 109CI	1984--	4	1779	4
Alfa 90 2.0i Super	AR 06166 L4 120CI	1984-87	4	1962	4
Alfa Coupe Sprint	AR 30500 L4 72CI	1978--	4	1186	1
Alfa Sud TI	AR 31000 L4 72CI	1973-84	4	1186	1
Alfa TI Sprint	AR 30500 L4 72CI	1973--	4	1186	1
Alfasud	AR 31000 L4 72CI	1972-84	4	1186	1
Alfasud 1350	AR 30500 L4 72CI	1978--	4	1186	1
Alfasud 1500 Coupe	AR 30100 H4 82CI	1979--	4	1351	1
Alfasud Super 1350	AR 30750 L4 91CI	1978-->	4	1490	1
Alfasud TI Sprint	AR 30750 L4 91CI	1977--	4	1490	1
Alfetta 2.0 Gtv	AR 06166 L4 120CI	1976-84	4	1962	4
Alfetta 1.6	AR 00526 L4 96CI	1975->84	4	1570	4
Alfetta 1.8	AR 01608 L4 109CI	1972--	4	1779	4
Alfetta 2.0TD	VM 4 HT L4 122CI	1979-85	4	1995	7
Alfetta 2.4TD	VM 80 A L4 122CI	1983-85	4	1995	7
Arna 1.2	AR 31000 L4 72CI	1983-87	4	1186	1
G T	AR 06166 L4 120CI	1971-76	4	1962	4
GTV 2.0 V6 Turbo	AR 01932 V6	06/95-	6	1996	9
GTV 3.0 V6 24V	AR 16101 V6	10/96-	6	2959	9
Giulia	AR 00526 L4 96CI	1962->77	4	1570	4
Giulia Ti,1600	AR 00526 L4 96CI	1962->77	4	1570	4
Giulietta 2.0TD	VM 4 HT L4 122CI	1982-85	4	1995	7
Nouva Giuliatte 1.6	AR 00526 L4 96CI	1977->85	4	1570	4
Nuova Alfasud	AR 31000 L4 72CI	1973-84	4	1186	1
Nuova Giulietta 1.8	AR 01608 L4 109CI	1979-85	4	1779	4
Nuovia Giulietta 2.0	AR 06166 L4 120CI	1981-85	4	1962	4
SPIDER 2.4 JTD 20V	841 G.000 L5	2006-	5	2387	6
Spider 2.0 V6 Turbo	AR 01932 V6	05/98-	6	1996	9
Spider 3.0 V6	AR 06120 V6	06/95-	6	2959	9
Spider 3.0 V6 24V	AR 16101 V6	01/99-	6	2959	9
Spider Veloce 2000	AR 01608 L4 109CI	1967-68	4	1779	4
Spint/spider Veloce	AR 06166 L4 120CI	1971-76	4	1962	4
Sprint	AR 30100 H4 82CI	1979--	4	1351	1
Sprint 1.7	AR 30520 H8 91CI	1986--	8	1490	1
Sprint GT SUPER	AR 00526 L4 96CI	1962->77	4	1570	4
Veloce	AR 30500 L4 72CI	1978--	4	1186	1
Veloce	AR 30100 H4 82CI	1979--	4	1351	1
Veloce	AR 06166 L4 120CI	1971-76	4	1962	4

ALFA ROMEO				ALFA ROMEO			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	AR 31000 L4 72CI /1.2Liter, 8 Valves, Gasoline	03/1983-12/1986	1186 cc	80.00 X 59.00	4 cyl	Alfa Sud TI, Alfasud 1200,L,N,SM,Super 1.2, Arna 1.2, Nuova Alfasud 1.2i,1200i	1
	AR 30500 L4 72CI /1.2Liter, SOHC/OHC, 8 Valves, Gasoline	03/1983-12/1986	1186 cc	80.00 X 59.00	4 cyl	Alfa 33 1.3, Alfa Coupe Sprint, Alfa TI Sprint, Alfasud 1350, Veloce	
	AR 30100 H4 82CI /1.4Liter, SOHC/OHC, 8 Valves, Gasoline	03/1983-12/1986	1351 cc	80.00 X 67.20	4 cyl	1.5TI, Alfa 33 1.5, Alfa 33 1.5 4x4, Alfasud 1500	

ALFA ROMEO				ALFA ROMEO			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
AR 30520 H8 91CI /1.5Liter, SOHC/OHC, 8 Valves, Gasoline	05/1983-12/1993	1490 cc	84.00 X 67.20	8 cyl	Coupe, Sprint, Veloce Alfa 33 1.7, Sprint 1.7		
AR 30750 L4 91CI /1.5Liter, SOHC/OHC, 8 Valves, Gasoline	01/1990-09/1994	1490 cc	84.00 X 67.00	4 cyl	Alfasud Super 1350, Alfasud TI Sprint		
AR 30550 H4 104CI /1.7Liter, SOHC/OHC, 8 Valves, Gasoline	09/1976-12/1993	1712 cc	87.00 X 72.00	4 cyl			
CR4473AM STD/010/020/030/040 <i>Upper and lower half plain.</i> CLE:CB-933AL(4) GLA:B4533SA GLY:01-4178/4 OEM:02-203-03 VAN:VPR91422A	C4473	4 Pairs		1.9680/ 1.9685 49.987/ 50.000	2.1140/ 2.1145 53.696/ 53.708	0.6680 16.97	0.0723 1.836
MB3319AM STD/010/020/030/040 CLE:MS-1016AL GLA:M3394SA GLY:H1044/3 OEM:02-112-03 VAN:VPM91423A	M3319	3 Pairs		2.3600/ 2.3605 59.944/ 59.957	2.5064/ 2.5068 63.663/ 63.673	0.9213 23.40	0.0720 1.829
TW 191AM FMO:66326AF GLA:W2219SA GLY:A205/2 VAN:VPW95050A	W 191	1 Pair		2.5902/ 2.6000 65.791/ 66.040	0.0000/ 3.2449 0.000/ 82.420	0.0000 0.00	0.0930 2.362
2 AR 33401 H4 104CI /1.7Liter, DOHC, 16 Valves, Gasoline	07/1994-01/2001	1712 cc	87.00 X 72.00	4 cyl	2		
CR4273AM <i>Under Development</i> CLE:CB-1350AL(4) GLA:B4733SA GLY:71-4158/4 VAN:VPR92134A	C4273*	4 Pairs		1.9680/ 1.9685 49.987/ 50.000	2.1140/ 2.1145 53.696/ 53.708	0.6680 16.97	0.0724 1.839
MB3347AM <i>Under Development</i> CLE:MS-1658AL GLA:M3448SA GLY:H1081/3 VAN:VPM92135A	M3347*	3 Pairs		2.3600/ 2.3608 59.944/ 59.964	2.5064/ 2.5068 63.663/ 63.673	0.9213 23.40	0.0724 1.839
TW 191AM FMO:66326AF GLA:W2219SA GLY:A205/2 VAN:VPW95050A	W 191	1 Pair		2.5902/ 2.6000 65.791/ 66.040	0.0000/ 3.2449 0.000/ 82.420	0.0000 0.00	0.0930 2.362
3 192 A5.000 L4 117CI /1.9Liter, DOHC, 16 Valves, Diesel Turbocharge 192B1.000 -	10/2001-	1910 cc	82.00 X 90.40	4 cyl	3		
AR 37101 L4 117CI /1.9Liter, SOHC/OHC, 8 Valves, Diesel 937A4.000 -	07/1999-	1910 cc	82.00 X 90.40	4 cyl	147 1.9 JTD 16V, 156 1.9 JTD 16V		
CR4531SX STD/010/020/030/040/050/060/.25/.5/ <i>SUPERSEDED BY CR4531SX</i> GLY:71-3994	C4171	4 Pairs	1-4	1.9995/ 2.0002 50.787/ 50.805	2.1221/ 2.1226 53.901/ 53.914	0.7677 19.50	0.0604 1.534
MB5644CA STD/010/020/030/040/.25/.5/.75/1.0 <i>SUPERSEDED BY MB5644SI</i>	M 607 M5644	5 Pairs		2.3615/ 2.3622 59.982/ 60.000	2.5081/ 2.5086 63.706/ 63.718	0.8130 20.65	0.0726 1.844
TW1005AM STD GLY:A191/2 VAN:VPW02015A	W1005	1 Pair		2.6687/ 2.6787 67.785/ 68.039	3.2451/ 3.2550 82.426/ 82.677	0.0000 0.00	0.0978 2.484
4 AR 00526 L4 96CI /1.6Liter, DOHC, 8 Valves, Gasoline	10/1962-12/1993	1570 cc	78.00 X 82.00	4 cyl	4		
AR 06134 L4 109CI /1.8Liter, 8 Valves, Gasoline Turbocharge	05/1985-12/1992	1779 cc	80.00 X 88.50	4 cyl	Alfa 75 136, Alfetta 1.6, Giulia, Giulia Ti,1600 Spider, Sprint, Nuova Giulietta 1.6, Sprint GT SUPER		
AR 01608 L4 109CI /1.8Liter, DOHC, 8 Valves, Gasoline	01/1974-01/1986	1779 cc	80.00 X 88.50	4 cyl	1750		
AR 01699 L4 120CI /2.0Liter,	-	1962 cc	84.00 X 88.50	4 cyl	1750, 1750gt Coupe Spider Veloce, Alfa 90 1.8 SUPER, Alfetta 1.8, Nuova Giulietta 1.8, Spider Veloce 2000 (USA)		
					Alfa 75 1.8 Turbo		

ALFA ROMEO				ALFA ROMEO				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
DOHC, 8 Valves, Gasoline Turbocharge								
AR 06166 L4 120CI /2.0Liter, SOHC/OHC, 8 Valves, Gasoline	05/1985-12/1992	1962 cc	84.00 X 88.50	4 cyl	2000 Berlina, Alfa 75 2.0, Alfa 90 2.0i Super, Alfetaa 2.0 Gtv, G T, Nuovia Giulietta 2.0, Spint/spider Veloce, Veloce			
AR 00515 L4 120CI /2.0Liter, DOHC, 8 Valves, Gasoline	03/1971-12/1993	1962 cc	84.00 X 88.50	4 cyl	164 Twin Spark 148HP			
CR4421AM _{010/030} ACL: 4B1110 CLE: CB-1190 (4) FMO: 4-60010RA GLA: B4443SA GLY: 71-4168/4 OEM: 10500-02-203-00 VAN: VPR91320	C4421	4 Pairs		1.9680/ 1.9685 49.987/ 50.000	2.1139/ 2.1145 53.693/ 53.708	0.9230 23.44	0.0722 1.834	
MB 511AM _{STD/010/020/030/040} ACL: 5M1112 CLE: MS- 720AL FMO: 4687M GLA: M5169SA GLY: H1030/5 OEM: 10110-02-112-00 VAN: VPM818	M 511/1	3 Pairs	1-3-5	2.3606/ 2.3611 59.959/ 59.972	2.5062/ 2.5069 63.657/ 63.675	1.0040 25.50	0.0722 1.834	
	M 511/2	2 Pairs	2-4	2.3606/ 2.3611 59.959/ 59.972	2.5062/ 2.5069 63.657/ 63.675	0.7230 18.36	0.0722 1.834	
TW 238AM _{STD} <i>Under Development</i> GLA: W2044SA GLY: A178/4	W 238U W 238L	2 Pairs		2.5900/ 2.6000 65.786/ 66.040	3.2450/ 3.2550 82.423/ 82.677	0.0000 0.00	0.0930 2.362	
5	AR 06476 L4 122CI /2.0Liter, DOHC, 8 Valves, Gasoline Turbocharge	01/1987-09/1998	1995 cc	84.00 X 90.00	4 cyl		5	
CR4170AM _{STD/010/020/030/040} CLE: CB-1290AL (4) GLA: B4726SA GLY: 71-4118/4 OEM: 7546617 VAN: VPR91971A	C4170	4 Pairs		1.9998/ 2.0003 50.795/ 50.808	2.1220/ 2.1226 53.899/ 53.914	0.7677 19.50	0.0606 1.539	
MB5037AM _{STD/010/020/030/040} CLE: MS-1556AL GLA: M5516SA GLY: 6691M OEM: 5882398 VAN: VPM92189A	M5037/1	4 Pairs	1,2,4,5	2.0862/ 2.0870 52.989/ 53.010	2.2330/ 2.2335 56.718/ 56.731	0.8169 20.75	0.0724 1.839	
	M5037/3	1 Pair	3	2.0862/ 2.0870 52.989/ 53.010	2.2330/ 2.2335 56.718/ 56.731	0.9547 24.25	0.0724 1.839	
TW 113AM _{STD/05} <i>SUPERSEDED BY TW 113AM</i> CLE: TW- 236S FMO: 62037AF GLA: W2248SA GLY: A201/2 OEM: 1901074 VAN: VPM95036	W 113	1 Pair		2.3228/ 2.3327 58.999/ 59.251	2.8976/ 2.9075 73.599/ 73.851	0.0000 0.00	0.0930 2.362	
6	841 G.000 L5 146CI /2.4Liter, DOHC, 20 Valves, Diesel Turbocharge	07/2002-	2387 cc	82.00 X 90.40	5 cyl	159 2.4 JTD 20V, SPIDER 2.4 JTD 20V	6	
	AR 34202 L5 146CI /2.4Liter, SOHC/OHC, 10 Valves, Diesel 841C.000 - AR36202 - 839A.6000 -	09/1998-	2387 cc	82.00 X 90.40	5 cyl	156 2.4 JTD 20V		
CR 526SX _{STD/010/020/030/040/25/5/75/1.0} <i>SUPERSEDED BY CR 526SX</i> GLY: 71-3994 OEM: 7646454 (10) VAN: VPR92827A	C4171	5 Pairs	1-5	1.9995/ 2.0002 50.787/ 50.805	2.1221/ 2.1226 53.901/ 53.914	0.7677 19.50	0.0604 1.534	
MB 634CA _{STD/010/020/030/040/25/5/75} <i>SUPERSEDED BY MB 634SI</i>	M 607 M5644	6 Pairs		2.3615/ 2.3622 59.982/ 60.000	2.5081/ 2.5086 63.706/ 63.718	0.8130 20.65	0.0726 1.844	
TW1005AM _{STD} GLY: A191/2 VAN: VPM02015A	W1005	1 Pair		2.6687/ 2.6787 67.785/ 68.039	3.2451/ 3.2550 82.426/ 82.677	0.0000 0.00	0.0978 2.484	
7	VM 4 HT L4 122CI /2.0Liter, OHV, 8 Valves, Diesel Turbocharge	10/1977-12/1985	1995 cc	88.00 X 82.00	4 cyl	75 2.0TD, Alfetta 2.0TD, Giulietta 2.0TD	7	
	VM 80 A L4 122CI /2.0Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	-	1995 cc	88.00 X 82.00	4 cyl	75 2.4TD, 90 2.4TD, Alfetta 2.4TD		

ALFA ROMEO				ALFA ROMEO			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
VM 81 A L4 146CI /2.4Liter, 8 Valves, Diesel Turbocharge	-	2393 cc	92.00 X 90.00	4 cyl	164 TD		
CR4501CA STD/.25/.5/.75/1.0 GLY:66655CP	C4501U C4501L	4 Pairs		2.1236/ 2.1242 53.939/ 53.955	2.2663/ 2.2670 57.564/ 57.582	0.9150 23.24	0.0710 1.803
MB5436SI Under Development M1219 and M1220 Bushings GLA:M5518SA	M1207	3 Pairs	2-4	2.4805/ 2.4811 63.005/ 63.020	2.6248/ 2.6255 66.670/ 66.688	1.0950 27.81	0.0720 1.829
	B1219	1 Bush	1	2.4801/ 2.4807 62.995/ 63.010	2.6388/ 2.6398 67.026/ 67.051	1.1120 28.24	0.0790 2.007
	B1220	1 Bush	5	2.9232/ 2.9331 74.249/ 74.501	0.0000/ 3.4646 0.000/ 88.001	0.8660 22.00	0.0930 2.362
8	8144.61.200 L4 149CI /2.5Liter, SOHC/OHC, 8 Valves, Diesel	-	2445 cc	93.00 X 90.00	4 cyl	10 AR 6, 13 AR 6 Vans, 30 AE 8, 32 AR 8, 35 AR 8 Turbo Van, 35 ARVANS, 40 AR 8 VAN	8
	8144.21.220 L4 149CI SOHC/OHC, 8 Valves, Diesel Turbocharge	07/1982-08/1990	2445 cc	93.00 X 90.00	4 cyl		
CR4073CP STD/010/020/030/040/050/060 Central oil hole - 1982 CLE:CB-1149P(4) FMO:4-66575CP GLA:B4721LB GLY:71-4185/4 K.S:77 155 600 OEM:1901926 VAN:VPR91914	C4073U C4160L	4 Pairs		2.2252/ 2.2258 56.520/ 56.535	2.3753/ 2.3758 60.333/ 60.345	0.9724 24.70	0.0743 1.887
CR4083CP STD/010/020/030/040 Plain halves 1982 - CLE:CB-1163P(4) FMO:4-1870CP GLA:B4122LB GLY:71-4310/4 VAN:VPR91915	C4083U C4161L	4 Pairs		2.2252/ 2.2258 56.520/ 56.535	2.3753/ 2.3758 60.333/ 60.345	0.9724 24.70	0.0743 1.887
MB5122CP STD/010/020/030/040 CLE:MS-1451P FMO:6564M GLA:M5389LB GLY:H1049/5 K.S:77 154 600 VAN:VPM91664	M5122U M5122L	4 Pairs	1-2-3-4	2.9995/ 3.0000 76.187/ 76.200	3.1727/ 3.1735 80.587/ 80.607	0.9843 25.00	0.0860 2.184
	F5122U F5122L	1 Pair	5	2.9995/ 3.0000 76.187/ 76.200	3.1727/ 3.1735 80.587/ 80.607	1.2578 31.95	0.0860 2.184
9	AR 64102 V6 122CI /2.0Liter, SOHC/OHC, 12 Valves, Gasoline Turbocharge	01/1987-09/1998	1996 cc	80.00 X 66.20	6 cyl	90 2.0 i.e.	9
	AR 01932 V6 122CI /2.0Liter, SOHC/OHC, 12 Valves, Gasoline	04/1979-12/1986	1996 cc	80.00 X 66.20	6 cyl	GTV 2.0 V6 Turbo, Spider 2.0 V6 Turbo	
	AR 34102 V6 122CI /2.0Liter, SOHC/OHC, 12 Valves, Gasoline Turbocharge	09/1998-	1996 cc	80.00 X 66.20	6 cyl	166 2.0 V6	
	AR 64101 V6 122CI /2.0Liter, DOHC, 12 Valves, Gasoline Turbocharge	01/1987-09/1998	1996 cc	80.00 X 66.20	6 cyl	164 2.0 V6 Turbo	
	AR 32402 V6 152CI /2.5Liter, DOHC, 24 Valves, Gasoline	09/1997-09/2005	2492 cc	88.00 X 68.30	6 cyl	156 2.5 V6 24V, 156 Sportwagon 2.5 V6 24V, 166 2.5 V6 24V	
	AR 01646 V6 152CI /2.5Liter, SOHC/OHC, 12 Valves, Gasoline	01/1978-12/1992	2492 cc	88.00 X 68.30	6 cyl	166 2.5 V6 24V	
	AR 01928 V6 152CI /2.5Liter, SOHC/OHC, 12 Valves, Gasoline	04/1979-12/1986	2492 cc	88.00 X 68.30	6 cyl	155 2.5 V6	
	AR 06430 V6 181CI /3.0Liter, DOHC, 24 Valves, Gasoline	01/1987-09/1998	2959 cc	93.00 X 72.60	6 cyl	75 3.0 V6	
	AR 66302 L6 181CI /3.0Liter, DOHC, 24 Valves, Gasoline	01/1987-09/1998	2959 cc	93.00 X 72.60	6 cyl	164 3.0 V6	
	AR 06120 V6 181CI /3.0Liter, SOHC/OHC, 12 Valves, Gasoline	05/1985-12/1992	2959 cc	93.00 X 72.60	6 cyl	Spider 3.0 V6	

ALFA ROMEO				ALFA ROMEO				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
AR 16101 V6 181CI /3.0Liter, DOHC, 12 Valves, Gasoline	09/1994-04/2005	2959 cc	93.00 X 72.60	6 cyl	166 3.0 V6 24V, GTV 3.0 V6 24V, Spider 3.0 V6 24V			
AR 61501 V6 181CI /3.0Liter, SOHC/OHC, 12 Valves, Gasoline	09/1988-12/1994	2959 cc	93.00 X 72.60	6 cyl	75 3.0 V6			
CR6809CP STD/010/020/030/040 GLA: B6624SA GLY: 6-4080CP OEM: 60513381 VAN: VPR92138A	C6809	6 Pairs		2.0465/ 2.0472 51.981/ 51.999	2.1855/ 2.1860 55.512/ 55.524	0.7520 19.10	0.0690 1.753	
MB4101SI STD/010/020/030/040 GLA: M4275SA GLY: 7119M OEM: 60568882 VAN: VPM92139A	M4101	4 Pairs	1-4	2.3603/ 2.3611 59.952/ 59.972	2.5062/ 2.5069 63.657/ 63.675	0.8800 22.35	0.0720 1.829	

Engine Index: AMERICAN MOTORS

Engine-Code	Years	Cyl	CC	Line
C3J L4 Renault 85CI /1.4Liter,	01/1983-	4	1397	1
105CI /1.7Liter L4 Renault OHV,	01/1985-	4	1721	2
F3R L4 Renault 120CI /2.0Liter,	01/1987-	4	1965	2
121CI /2.0Liter L4 Audi SOHC, 8	01/1977-	4	1982	3
132CI /2.2Liter L4 Renault	01/1988-	4	2165	4
150CI /2.5Liter L4 OHV, 8	01/1983-	4	2458	5
151CI /2.5Liter L4 General	01/1980-	4	2474	6
199CI /3.3Liter L6 OHV, 12	01/1967-	6	3261	7
232CI /3.8Liter L6 OHV, 12	01/1967-	6	3802	7

Engine-Code	Years	Cyl	CC	Line
258CI /4.2Liter L6 OHV, 12	01/1971-	6	4227	7
290CI /4.7Liter V8 OHV, 16	01/1966-	8	4753	8
304CI /5.0Liter V8 OHV, 16	01/1970-	8	4982	8
343CI /5.6Liter V8 OHV, 16	01/1967-	8	5620	8
360CI /5.9Liter V8 OHV, 16	01/1970-	8	5889	8
390CI /6.4Liter V8 OHV, 16	01/1968-	8	6391	9
401CI /6.6Liter V8 OHV, 16	01/1971-	8	6571	9

Car Model Index: AMERICAN MOTORS

Model	Engine	Years	Cyl	CC	Line
AMX (Javelin)	232CI /3.8Liter L6	1968-74	6	3802	7
AMX (Javelin)	258CI /4.2Liter L6	1971-74	6	4227	7
AMX (Javelin)	290CI /4.7Liter V8	1968-69	8	4753	8
AMX (Javelin)	304CI /5.0Liter V8	1971-74	8	4982	8
AMX (Javelin)	343CI /5.6Liter V8	1968-69	8	5620	8
AMX (Javelin)	360CI /5.9Liter V8	1970-74	8	5889	8
AMX (Javelin)	390CI /6.4Liter V8	1968-70	8	6391	9
AMX (Javelin)	401CI /6.6Liter V8	1971-74	8	6571	9
AMX (Spirit/Concord)	151CI /2.5Liter L4	1980-83	4	2474	6
AMX (Spirit/Concord)	258CI /4.2Liter L6	1978-83	6	4227	7
AMX (Spirit/Concord)	304CI /5.0Liter V8	1978-79	8	4982	8
Alliance	C3J L4 Renault	1983-87	4	1397	1
Alliance	105CI /1.7Liter L4	1985-87	4	1721	2
Alliance GTA	F3R L4 Renault	1987	4	1965	2
Ambassador	232CI /3.8Liter L6	1965-70	6	3802	7
Ambassador	258CI /4.2Liter L6	1971-74	6	4227	7
Ambassador	290CI /4.7Liter V8	1967-69	8	4753	8
Ambassador	304CI /5.0Liter V8	1970-74	8	4982	8
Ambassador	343CI /5.6Liter V8	1967-69	8	5620	8
Ambassador	360CI /5.9Liter V8	1970-74	8	5889	8
Ambassador	390CI /6.4Liter V8	1968-69	8	6391	9
Ambassador	401CI /6.6Liter V8	1971-74	8	6571	9
American	199CI /3.3Liter L6	1965-68	6	3261	7
American	232CI /3.8Liter L6	1965-68	6	3802	7

Model	Engine	Years	Cyl	CC	Line
American	290CI /4.7Liter V8	1966-68	8	4753	8
American	343CI /5.6Liter V8	1967-68	8	5620	8
Classic	199CI /3.3Liter L6	1965	6	3261	7
Classic	232CI /3.8Liter L6	1964-66	6	3802	7
Concord	121CI /2.0Liter L4	1978-79	4	1982	3
Concord	151CI /2.5Liter L4	1980-83	4	2474	6
Concord	232CI /3.8Liter L6	1978-79	6	3802	7
Concord	258CI /4.2Liter L6	1978-83	6	4227	7
Concord	304CI /5.0Liter V8	1978-79	8	4982	8
Concord	360CI /5.9Liter V8	1978	8	5889	8
Eagle	150CI /2.5Liter L4	1983-88	4	2458	5
Eagle	151CI /2.5Liter L4	1980-83	4	2474	6
Eagle	258CI /4.2Liter L6	1980-88	6	4227	7
Encore	C3J L4 Renault	1984-86	4	1397	1
Encore	105CI /1.7Liter L4	1985-86	4	1721	2
Gremlin	121CI /2.0Liter L4	1977-78	4	1982	3
Gremlin	199CI /3.3Liter L6	1970	6	3261	7
Gremlin	232CI /3.8Liter L6	1971-78	6	3802	7
Gremlin	258CI /4.2Liter L6	1971-78	6	4227	7
Gremlin	304CI /5.0Liter V8	1971-78	8	4982	8
Hornet	199CI /3.3Liter L6	1970	6	3261	7
Hornet	232CI /3.8Liter L6	1970-77	6	3802	7
Hornet	258CI /4.2Liter L6	1971-77	6	4227	7
Hornet	304CI /5.0Liter V8	1970-77	8	4982	8









Model	Engine	Years	Cyl	CC	Line
Hornet	360CI /5.9Liter V8	1970-77	8	5889	8
Hornet	390CI /6.4Liter V8	1970	8	6391	9
Javelin	232CI /3.8Liter L6	1968-74	6	3802	7
Javelin	258CI /4.2Liter L6	1971-74	6	4227	7
Javelin	290CI /4.7Liter V8	1968-69	8	4753	8
Javelin	304CI /5.0Liter V8	1971-74	8	4982	8
Javelin	343CI /5.6Liter V8	1968-69	8	5620	8
Javelin	360CI /5.9Liter V8	1970-74	8	5889	8
Javelin	390CI /6.4Liter V8	1968-70	8	6391	9
Javelin	401CI /6.6Liter V8	1971-74	8	6571	9
Kammback	151CI /2.5Liter L4	1980-83	4	2474	6
Kammback	258CI /4.2Liter L6	1980-83	6	4227	7
Marlin	232CI /3.8Liter L6	1965-67	6	3802	7
Marlin	290CI /4.7Liter V8	1967	8	4753	8
Marlin	343CI /5.6Liter V8	1967	8	5620	8
Matador	232CI /3.8Liter L6	1971-78	6	3802	7
Matador	258CI /4.2Liter L6	1971-78	6	4227	7
Matador	304CI /5.0Liter V8	1971-78	8	4982	8
Matador	360CI /5.9Liter V8	1971-78	8	5889	8
Matador	401CI /6.6Liter V8	1971-76	8	6571	9
Medallion	132CI /2.2Liter L4	1988	4	2165	4
Pacer	232CI /3.8Liter L6	1975-79	6	3802	7

Model	Engine	Years	Cyl	CC	Line
Pacer	258CI /4.2Liter L6	1975-80	6	4227	7
Pacer	304CI /5.0Liter V8	1978-79	8	4982	8
Premier	150CI /2.5Liter L4	1988	4	2458	5
Rambler	199CI /3.3Liter L6	1969	6	3261	7
Rambler	232CI /3.8Liter L6	1969	6	3802	7
Rambler	290CI /4.7Liter V8	1969	8	4753	8
Rambler	390CI /6.4Liter V8	1969	8	6391	9
Rebel	232CI /3.8Liter L6	1967-70	6	3802	7
Rebel	290CI /4.7Liter V8	1967-69	8	4753	8
Rebel	304CI /5.0Liter V8	1970	8	4982	8
Rebel	343CI /5.6Liter V8	1967-69	8	5620	8
Rebel	360CI /5.9Liter V8	1970	8	5889	8
Rebel	390CI /6.4Liter V8	1968-70	8	6391	9
SX-4	151CI /2.5Liter L4	1980-83	4	2474	6
SX-4	258CI /4.2Liter L6	1980-83	6	4227	7
Spirit	151CI /2.5Liter L4	1980-83	4	2474	6
Spirit	232CI /3.8Liter L6	1979	6	3802	7
Spirit	258CI /4.2Liter L6	1979-83	6	4227	7
Spirit	304CI /5.0Liter V8	1979	8	4982	8
Typhoon	232CI /3.8Liter L6	1964	6	3802	7

AMERICAN MOTORS				AMERICAN MOTORS			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	C3J L4 Renault 85CI /1.4Liter, OHV, 8 Valves, vin D,E, Gasoline	01/1983-12/1987	1397 cc	76.00 X 77.00	4 cyl	Alliance, Encore	1
CR4426AM <i>SUPERSEDED BY CR4426AM</i>	C4426	4 Pairs		1.7309/ 1.7315 43.965/ 43.980	1.8746/ 1.8750 47.615/ 47.625	0.6990 17.75	0.0712 1.808
ACL:4B7900 FMO:4-2950RAA GLY:01-3046	CLE:CB-1005AL (4) GLA:B4508SA VAN:VPR91428A						
MB 588AM <i>SUPERSEDED BY MB588AM</i>	M 588U M 588L	5 Pairs		2.1568/ 2.1572 54.783/ 54.793	2.3122/ 2.3129 58.730/ 58.748	0.7670 19.48	0.0767 1.948
ACL:5M7909 FMO:6444M GLY:H1042/5 VAN:VPM91808A	CLE:MS-1381AL GLA:M5342SA K.S:77 085 608						
2	105CI /1.7Liter L4 Renault OHV, 8 Valves, Gasoline	01/1985-12/1987	1721 cc	81.00 X 84.00	4 cyl	Alliance, Encore	2
	F3R L4 Renault 120CI /2.0Liter, OHV, 8 Valves, Gasoline	01/1987-12/1987	1965 cc	81.00 X 93.00	4 cyl	Alliance GTA	
CR4019AM <i>SUPERSEDED BY CR4019AM</i>	C4019	4 Pairs		1.8898/ 1.8905 48.001/ 48.019	2.0310/ 2.0315 51.587/ 51.600	0.8070 20.50	0.0699 1.775
ACL:4B9601 FMO:4-4060CP ~ GLY:01-4202/4	CLE:CB-1310AL (4) GLA:B4680SA K.S:77 089 608						
MB5180AM <i>SUPERSEDED BY MB5180AM</i>	M5180U M5555L	5 Pairs		2.1569/ 2.1573 54.785/ 54.795	2.3122/ 2.3128 58.730/ 58.745	0.7280 18.49	0.0766 1.946
ACL:5M9444 FMO:7175M GLY:H1080/5	CLE:MS-1603AL GLA:M5469SA VAN:VPM92455A						
3	121CI /2.0Liter L4 Audi SOHC, 8 Valves, vin G,K, Gasoline	01/1977-12/1979	1982 cc	86.50 X 84.40	4 cyl	Concord, Gremlin	3
CR4155AM <i>SUPERSEDED BY CR4155AM</i>	C4155	4 Pairs		1.8878/ 1.8886 47.950/ 47.970	2.0315/ 2.0322 51.600/ 51.618	0.8268 21.00	0.0711 1.806
CLE:CB-1144P (4) GLY:71-3332/4 VAN:VPR92141	GLA:B4593LB/SA K.S:87 453 600						
MB5248AM <i>SUPERSEDED BY MB5248AM</i>	M5248U M5248L F5248	4 Pairs 1 Pair	1-2-4-5 3	2.5177/ 2.5185 63.950/ 63.970 2.5177/ 2.5185	2.6772/ 2.6779 68.001/ 68.019 2.6772/ 2.6779	0.8268 21.00 1.0984	0.0789 2.004 0.0789
CLE:MS-1433AL GLY:H 937/5 VAN:VPM92582A	GLA:M5536SA K.S:87 452 600						

CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

AMERICAN MOTORS				AMERICAN MOTORS				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
				63.950/ 63.970	68.001/ 68.019	27.90	2.004	
4	132CI /2.2Liter L4 Renault SOHC, 8 Valves, Gasoline	01/1988-12/1988	2165 cc	88.00 X 89.00	4 cyl	Medallion	4	
	CR4006AM STD/.25/.5/.75/1.0/1.25 CLE:CB-1311AL(4) FMO:4-66645RAB GLA:B4643SA GLY:01-4191/4 K.S:77 136 608 VAN:VPR91916A	C4006U C4006L	4 Pairs		2.2152/ 2.2160 56.266/ 56.286	2.3624/ 2.3630 60.005/ 60.020	0.8170 20.75	0.0725 1.842
5	150CI /2.5Liter L4 OHV, 8 Valves, vin U, Gasoline	01/1983-12/1988	2458 cc	3.88 X 3.19	4 cyl	Eagle, Premier	5	
	CR4023SI STD/001/010/040/050/060 ACL:4B960 CLE:CB- 960AL(4) FMO:4-3310RAA	C 648	4 Pairs		2.0948/ 2.0955 53.208/ 53.226	2.2080/ 2.2085 56.083/ 56.096	0.8370 21.26	0.0560 1.422
	CR4352SI Same as CR4023SI but with housing bore resized .002" larger	C6805	4 Pairs		2.0948/ 2.0955 53.208/ 53.226	2.2100/ 2.2105 56.134/ 56.147	0.8370 21.26	0.0570 1.448
	CS 422BB STD/010 ACL:4C549 CLE:SH-1980S DUR:N-7 FMO:1244M	S 422/1	1	1	2.0295/ 2.0305 51.549/ 51.575	2.1555/ 2.1565 54.750/ 54.775	0.6900 17.53	0.0620 1.575
		S 422/2	1	2	2.0195/ 2.0205 51.295/ 51.321	2.1455/ 2.1465 54.496/ 54.521	0.6900 17.53	0.0620 1.575
		S 422/3	1	3	2.0095/ 2.0105 51.041/ 51.067	2.1355/ 2.1365 54.242/ 54.267	0.6900 17.53	0.0620 1.575
		S 422/4	1	4	1.9995/ 2.0005 50.787/ 50.813	2.1255/ 2.1265 53.988/ 54.013	0.6900 17.53	0.0620 1.575
	MB5560SI STD/010/020/030/040 ACL:5M1568 CLE:MS-1568P FMO:6676M	M 763U M 763L	4 Pairs	1-3-4-5	2.4988/ 2.4995 63.470/ 63.487	2.6910/ 2.6920 68.351/ 68.377	0.9860 25.04	0.0953 2.421
		F 763U F 763L	1 Pair	2	2.4988/ 2.4995 63.470/ 63.487	2.6910/ 2.6920 68.351/ 68.377	1.2700 32.26	0.0953 2.421
6	151CI /2.5Liter L4 General Motors OHV, 8 Valves, vin B, Gasoline	01/1980-12/1983	2474 cc	4.00 X 3.00	4 cyl	AMX (Spirit/Concord), Concord, Eagle, Kammback, SX-4, Spirit	6	
	CR4494SI STD/001/010/020/030/040/050/060 ACL:4B610P CLE:CB- 610P(4) FMO:4-2500RAA	C 811	4 Pairs		1.9995/ 2.0005 50.787/ 50.813	2.1247/ 2.1252 53.967/ 53.980	0.7420 18.85	0.0620 1.575
	CR4519SI STD/010/020/030/040 Same as CR4494SI but with housing bore resized .002" larger	C4519	4 Pairs		1.9995/ 2.0005 50.787/ 50.813	2.1267/ 2.1272 54.018/ 54.031	0.7420 18.85	0.0630 1.600
	CS 325BB ACL:5C1030 CLE:SH-1030S DUR:CH-16 FMO:1461M	S 325	3	1-2-3	1.8682/ 1.8692 47.452/ 47.478	1.9990/ 2.0010 50.775/ 50.825	0.8650 21.97	0.0644 1.636
	MB5313SI Same as MB5532SI but with flange oversize .020"							
	MB5532SI STD/010/020/030/040/060 ACL:5M1733 CLE:MS-1733P FMO:4123MA VAN:VPM91199	M5532U M 752L	4 Pairs	1-2-3-4	2.2983/ 2.2993 58.377/ 58.402	2.4906/ 2.4916 63.261/ 63.287	0.8070 20.50	0.0955 2.426
		F5532U F 752L	1 Pair	5	2.2983/ 2.2993 58.377/ 58.402	2.4900/ 2.4916 63.246/ 63.287	1.0090 25.63	0.0955 2.426
7	199CI /3.3Liter L6 OHV, 12 Valves, vin A,B,E,J,P, Gasoline	01/1967-12/1970	3261 cc	3.75 X 3.00	6 cyl	American, Classic, Gremlin, Hornet, Rambler	7	
	232CI /3.8Liter L6 OHV, 12 Valves, vin B,C,E,F,G,L,M,P,Q,S,T,V,W, Gasoline	01/1967-12/1979	3802 cc	3.75 X 3.50	6 cyl	AMX (Javelin), Ambassador, American, Classic, Concord, Gremlin, Hornet, Javelin, Marlin, Matador, Pacer, Rambler, Rebel, Spirit, Typhoon		

AMERICAN MOTORS				AMERICAN MOTORS			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
258CI /4.2Liter L6 OHV, 12 Valves, vin A,B,C, Gasoline	01/1971-12/1988	4227 cc	3.75 X 3.91	6 cyl	AMX (Javelin), AMX (Spirit/Concord), Ambassador, Concord, Eagle, Gremlin, Hornet, Javelin, Kammback, Matador, Pacer, SX-4, Spirit		
CR 648SI STD/001/010/020/030/040/050/060 ACL:6B960 CLE:CB- 960AL (6) FMO:6-3310CPA VAN:VPR91284A	C 648	6 Pairs		2.0948/ 2.0955 53.208/ 53.226	2.2080/ 2.2085 56.083/ 56.096	0.8370 21.26	0.0560 1.422
CR6805SI STD/010/020/030/040 <i>Same as CR 648SI but with housing bore resized .002" larger</i>	C6805	6 Pairs		2.0948/ 2.0955 53.208/ 53.226	2.2100/ 2.2105 56.134/ 56.147	0.8370 21.26	0.0570 1.448
CS 422BB STD/010 ACL:4C549 CLE:SH-1980S DUR:N-7 FMO:1244M	S 422/1	1	1	2.0295/ 2.0305 51.549/ 51.575	2.1555/ 2.1565 54.750/ 54.775	0.6900 17.53	0.0620 1.575
	S 422/2	1	2	2.0195/ 2.0205 51.295/ 51.321	2.1455/ 2.1465 54.496/ 54.521	0.6900 17.53	0.0620 1.575
	S 422/3	1	3	2.0095/ 2.0105 51.041/ 51.067	2.1355/ 2.1365 54.242/ 54.267	0.6900 17.53	0.0620 1.575
	S 422/4	1	4	1.9995/ 2.0005 50.787/ 50.813	2.1255/ 2.1265 53.988/ 54.013	0.6900 17.53	0.0620 1.575
MB 763SI STD/010/020/030/040/050 ACL:7M704 CLE:MS- 704AL FMO:4289M VAN:VPM91285	M 763U M 763L	6 Pairs	1-2-4-5- 6-7	2.4988/ 2.4995 63.470/ 63.487	2.6910/ 2.6920 68.351/ 68.377	0.9860 25.04	0.0953 2.421
	F 763U F 763L	1 Pair	3	2.4988/ 2.4995 63.470/ 63.487	2.6910/ 2.6920 68.351/ 68.377	1.2700 32.26	0.0953 2.421
8 290CI /4.7Liter V8 OHV, 16 Valves, vin C,D,H,M,N,U, Gasoline	01/1966-12/1969	4753 cc	3.75 X 3.28	8 cyl	AMX (Javelin), Ambassador, American, Javelin, Marlin, Rambler, Rebel		8
304CI /5.0Liter V8 OHV, 16 Valves, vin H,I,M, Gasoline	01/1970-12/1979	4982 cc	3.75 X 3.44	8 cyl	AMX (Javelin), AMX (Spirit/Concord), Ambassador, Concord, Gremlin, Hornet, Javelin, Matador, Pacer, Rebel, Spirit		
343CI /5.6Liter V8 OHV, 16 Valves, vin J,K,Q,R,S,T,U,W,X,Z, Gasoline	01/1967-12/1969	5620 cc	4.08 X 3.28	8 cyl	AMX (Javelin), Ambassador, American, Javelin, Marlin, Rebel		
360CI /5.9Liter V8 OHV, 16 Valves, vin H,N,P, Gasoline	01/1970-12/1978	5889 cc	4.08 X 3.44	8 cyl	AMX (Javelin), Ambassador, Concord, Hornet, Javelin, Matador, Rebel		
CR 818SI ACL:8B960 CLE:CB- 960AL (8) FMO:8-3310RAA VAN:VPR91329A	C 648	8 Pairs		2.0948/ 2.0955 53.208/ 53.226	2.2080/ 2.2085 56.083/ 56.096	0.8370 21.26	0.0560 1.422
CR8016SI STD/010/020/030 <i>Same as CR 818SI but with housing bore resized .002" larger</i>	C6805	8 Pairs		2.0948/ 2.0955 53.208/ 53.226	2.2100/ 2.2105 56.134/ 56.147	0.8370 21.26	0.0570 1.448
CS 526BB ACL:5C671 CLE:SH- 671S DUR:N-9 FMO:1401M							
MB5518AM STD/010/020/030/040 ACL:5M1041 CLE:MS-1041AL FMO:5037M VAN:VPM91581	M5518U M5518L	4 Pairs	1-2-4-5	2.7472/ 2.7479 69.779/ 69.797	2.9410/ 2.9420 74.701/ 74.727	0.9280 23.57	0.0958 2.433
	F5518U F5518L	1 Pair	3	2.7482/ 2.7489 69.804/ 69.822	2.9410/ 2.9420 74.701/ 74.727	1.2700 32.26	0.0958 2.433

AMERICAN MOTORS				AMERICAN MOTORS				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
9	390CI /6.4Liter V8 OHV, 16 Valves, vin W,X,Y, Gasoline	01/1968-12/1970	6391 cc	4.17 X 3.57	8 cyl	AMX (Javelin), Ambassador, Hornet, Javelin, Rambler, Rebel	9	
	401CI /6.6Liter V8 OHV, 16 Valves, vin Z, Gasoline	01/1971-12/1976	6571 cc	4.17 X 3.68	8 cyl			AMX (Javelin), Ambassador, Javelin, Matador
CS 526BB								
ACL:5C671 CLE:SH- 671S DUR:N-9 FMO:1401M								
MB5518AM STD/010/020/030/040 ACL:5M1041 CLE:MS-1041AL FMO:5037M VAN:VPM91581	M5518U	4 Pairs	1-2-4-5	2.7472/ 2.7479 69.779/ 69.797	2.9410/ 2.9420 74.701/ 74.727	0.9280 23.57	0.0958 2.433	
	M5518L							
	F5518U F5518L	1 Pair	3	2.7482/ 2.7489 69.804/ 69.822	2.9410/ 2.9420 74.701/ 74.727	1.2700 32.26	0.0958 2.433	

Engine Index: AUDI

Engine-Code	Years	Cyl	CC	Line
HB (Alloytec 175) L4 67CI	03/1975-	4	1093	1
HC L4 67CI /1.1Liter,	04/1974-	4	1272	1
ZA L4 79CI /1.3Liter,	05/1973-	4	1297	3
CAXA L4 85CI /1.4Liter, DOHC,	10/2003-	4	1390	6
BBY L4 85CI /1.4Liter, DOHC, 16	09/1998-	4	1390	2
ZD L4 90CI /1.5Liter,	-	4	1471	3
YM L4 97CI /1.6Liter,	11/1968-	4	1588	3
DT L4 97CI /1.6Liter,	08/1980-	4	1595	8
ALZ L4 97CI /1.6Liter,	11/2000-	4	1595	5
ANA L4 97CI /1.6Liter,	08/1996-	4	1595	5
BFQ L4 97CI /1.6Liter,	08/1997-	4	1595	5
BGU L4 /1.6Liter, SOHC/OHC, 8	02/2003-	4	1595	5
BSE L4 97CI /1.6Liter,	02/2003-	4	1595	5
CMXA L4 97CI /1.6Liter,	01/2005-	4	1595	5
ABB L4 97CI /1.6Liter,	06/1986-	4	1595	19
ABM L4 97CI /1.6Liter,	09/1991-	4	1595	19
ADA L4 97CI /1.6Liter,	09/1991-	4	1595	19
ADP L4 97CI /1.6Liter,	08/1996-	4	1595	19
PP L4 97CI /1.6Liter,	08/1980-	4	1595	19
RN L4 97CI /1.6Liter,	06/1986-	4	1595	19
AHL L4 97CI /1.6Liter,	08/1996-	4	1595	4
ARM L4 97CI /1.6Liter,	08/1996-	4	1595	4
AVU L4 97CI /1.6Liter,	08/1997-	4	1598	5
BLF L4 98CI /1.6Liter, DOHC, 16	02/2003-	4	1598	6
MG L4 109CI /1.8Liter,	-	4	1780	7
DZ L4 109CI /1.8Liter,	08/1980-	4	1781	8
JN L4 109CI /1.8Liter,	08/1980-	4	1781	8
JW L4 109CI /1.8Liter,	08/1980-	4	1781	8
AMB L4 109CI /1.8Liter, DOHC,	11/1994-	4	1781	18
AUM L4 109CI /1.8Liter, DOHC,	08/1997-	4	1781	18
DD L4 109CI /1.8Liter,	07/1980-	4	1781	9
4B L4 109CI /1.8Liter,	08/1982-	4	1781	19
NP L4 109CI /1.8Liter,	08/1982-	4	1781	19
PH L4 109CI /1.8Liter,	08/1982-	4	1781	19
SF L4 109CI /1.8Liter,	08/1978-	4	1781	19
ADR L4 109CI /1.8Liter, DOHC,	08/1996-	4	1781	10

Engine-Code	Years	Cyl	CC	Line
AFY L4 109CI /1.8Liter, DOHC,	-	4	1781	11
AJL L4 109CI /1.8Liter, DOHC,	11/1994-	4	1781	11
AEB L4 109CI /1.8Liter, DOHC,	08/1996-	4	1781	12
AGU L4 109CI /1.8Liter, DOHC,	09/1996-	4	1781	13
APU L4 109CI /1.8Liter, DOHC,	08/1996-	4	1781	13
ARK L4 109CI /1.8Liter, DOHC,	11/1994-	4	1781	14
ANB L4 109CI /1.8Liter, DOHC,	08/1996-	4	1781	15
APX L4 109CI /1.8Liter, DOHC,	10/1998-	4	1781	15
SD L4 113CI /1.9Liter,	06/1986-	4	1847	19
BKD L4 120CI /2.0Liter, DOHC,	02/2003-	4	1968	16
BMM L4 120CI /2.0Liter,	04/2002-	4	1968	16
BRC L4 120CI /2.0Liter,	04/1985-	4	1968	16
BRE L4 120CI /2.0Liter, DOHC,	04/1985-	4	1968	16
CAGB L4 120CI /2.0Liter, DOHC,	05/2004-	4	1968	16
WA L4 121CI /2.0Liter,	06/1976-	4	1984	17
ALT L4 121CI /2.0Liter, DOHC,	11/2000-	4	1984	18
AWA L4 121CI /2.0Liter, DOHC,	11/2000-	4	1984	18
BLR L4 121CI /2.0Liter, DOHC,	02/2003-	4	1984	18
BYK L4 121CI /2.0Liter, DOHC,	10/2003-	4	1984	18
3A L4 121CI /2.0Liter,	08/1982-	4	1984	19
6A L4 121CI /2.0Liter, DOHC, 16	06/1986-	4	1984	19
AAD L4 121CI /2.0Liter,	06/1986-	4	1984	19
AAE L4 121CI /2.0Liter,	12/1990-	4	1984	19
ABK L4 121CI /2.0Liter,	10/1988-	4	1984	19
ADW L4 121CI /2.0Liter,	08/1988-	4	1984	19
CDLA L4 121CI /2.0Liter, DOHC,	05/2008-	4	1984	20
KH L5 131CI /2.1Liter,	-	5	2144	21
1B 136CI, 2.2LTR, SOHC/OHC,	07/1980-	5	2226	21
2B 136CI, 2.2LTR, SOHC/OHC,	07/1980-	5	2226	21
MC 136CI, 2.2LTR, SOHC/OHC,	08/1988-	5	2226	21
3B L5 136CI /2.2Liter, DOHC, 20	03/1969-	5	2226	23
AAN L5 136CI /2.2Liter, DOHC,	10/1988-	5	2226	23
AAS L5 145CI /2.4Liter,	12/1990-	5	2370	22
AAT L5 150CI /2.5Liter,	08/1982-	5	2461	23
BUB V6 195CI /3.2Liter, DOHC,	10/2003-	6	3189	24
PT V8 217CI /3.6Liter, DOHC, 32	10/1988-	8	3562	25

Engine-Code	Years	Cyl	CC	Line
BHK V6 220CI /3.6Liter, DOHC,	10/2002-	6	3597	24
AEW V8 226CI /3.7Liter, DOHC,	03/1994-	8	3697	25
AKC V8 226CI /3.7Liter, DOHC,	03/1994-	8	3697	25

Engine-Code	Years	Cyl	CC	Line
AQG V8 226CI /3.7Liter, DOHC,	03/1994-	8	3697	25






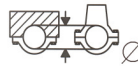


Car Model Index: AUDI

Model	Engine	Years	Cyl	CC	Line
A2 1.4i 16V	BBY L4 85CI	06.2000-	4	1390	2
A3 2.0i FSI 16V	BLR L4 121CI		4	1984	18
A4 1.8i TURBO 20V	AMB L4 109CI		4	1781	18
A4 2.0i 20V	ALT L4 121CI		4	1984	18
A4 2.0i FSI 20V	AWA L4 121CI		4	1984	18
A4 2.0i TFSI 16V	BYK L4 121CI		4	1984	18
A6 2.0i 20V	ALT L4 121CI		4	1984	18

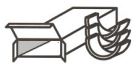




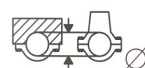


Model	Engine	Years	Cyl	CC	Line
A6 2.0i TFSI 16V	BYK L4 121CI		4	1984	18
A6,A8, A6/A8 Quattro	AEW V8 226CI		8	3697	25
Audi 100	WA L4 121CI		4	1984	17
Long	PT V8 217CI		8	3562	25
S6 Plus, S8	AKC V8 226CI		8	3697	25
TT 1.8i TURBO 20V	AUM L4 109CI		4	1781	18

AUDI				AUDI			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	HB (Alloytec 175) L4 67CI /1.1Liter, SOHC/OHC, 8 Valves, Gasoline	03/1975- 09/1994	1093 cc	69.50 X 72.00	4 cyl		1
	HC L4 67CI /1.1Liter, SOHC/OHC, 8 Valves, Gasoline	04/1974- 12/1985	1272 cc	75.00 X 72.00	4 cyl		
CR 408AM STD/.25/.5/.75/1.0/1.25/1.5	C 408	4 Pairs		1.6515/ 1.6523 41.948/ 41.968	1.7716/ 1.7723 44.999/ 45.016	0.7090 18.01	0.0592 1.504
MB5027AM STD/.25/.5/.75/1.0	M 507U	4 Pairs	1-2-4-5	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0985 2.502
<i>Audi 80 1272cc.</i> <i>With Flange bearings</i> <i>All bearings are full grooved.</i> <i>Flange length:</i> <i>STD 24.930 mm (FI STD)</i> <i>0.25,0.5,0.75,1.0 25.030mm (FOS 0.10mm)</i>	F5070U	1 Pair	3	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.9820 24.94	0.0985 2.502
MB5028AM STD	M 507U	5 Pairs	1-2-3-4- 5	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0984 2.499
<i>Audi 80 1272cc.</i> <i>Without Flange Bearings</i> <i>All bearings full grooved.</i>							
MB5070AM STD/.25/.5/.75/1.0/1.25/1.5	M 507U M 507L	3 Pairs	1-2-4	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0985 2.502
<i>Flange length:</i> <i>STD 24.93 mm (FI STD)</i> <i>0.25,0.5,0.75,1.0 25.03mm (FI oversize 0.1mm)</i>	F5070U	1 Pair	3	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.9820 24.94	0.0985 2.502
<i>ACL:5M1645</i> <i>CLE:MS-1659P</i> <i>FMO:6834M</i> <i>GLA:M5526SA</i> <i>GLY:H 010/5;H 025/5</i> <i>K.S:87 205 600</i> <i>OEM:056.198.451A</i> <i>VAN:VPM92287</i>	F5070L						
	M 507U	1 Pair	5	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0985 2.502
MB5192AM STD/.25/.5/.75/1.0							
<i>Same as MB5070AM, but with Flange oversize</i> <i>0.8mm. Flange length: STD- 24.93mm (FL STD)</i> <i>0.25,0.5,0.75,1.0- 25.73mm (FL Oversize)</i>							
<i>K.S:86 082 604</i>							
TW2010AM STD/.10/.17/.20/.25/.5/.75/1.0	W2010D W2010E	2 Pairs		2.3425/ 2.3520 59.500/ 59.741	2.8720/ 2.8819 72.949/ 73.200	0.0000 0.00	0.0770 1.956
<i>ACL:2T1644</i> <i>GLY:A 123/4</i> <i>K.S:78 635 600</i>							









AUDI					AUDI				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
2	BBY L4 85CI /1.4Liter, DOHC, 16 Valves, Gasoline	09/1998-07/2005	1390 cc	76.50 X 75.60	4 cyl	A2 1.4i 16V		2	
CR4251AM STD/.25/.5/.75/1.0 ACL:4B1615A GLY:01-3867/4 K.S:77 307 600 VAN:VPR04034A	C4251	4 Pairs		1.8804/ 1.8810 47.762/ 47.777		1.9921/ 1.9926 50.599/ 50.612	0.7283 18.50	0.0554 1.407	
MB5660SI STD/.25/.5/.75/1.0 K.S:77 534 600	M5660U M5660L	5 Pairs		2.1245/ 2.1251 53.962/ 53.978		2.3228/ 2.3235 58.999/ 59.017	0.7283 18.50	0.0987 2.507	
TW1004AM <i>Under Development</i> K.S:79 221 600	W1004/1 W1004/2	1 Pair		2.3430/ 2.3520 59.512/ 59.741		2.8170/ 2.8270 71.552/ 71.806	0.0000 0.00	0.0974 2.474	
3	ZA L4 79CI /1.3Liter, SOHC/OHC, 8 Valves, Gasoline	05/1973-10/1981	1297 cc	75.00 X 73.40	4 cyl			3	
	ZD L4 90CI /1.5Liter, SOHC, 8 Valves, Gasoline	-	1471 cc	76.50 X 80.00	4 cyl				
	YM L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	11/1968-07/1976	1588 cc	79.50 X 80.00	4 cyl				
CR 411AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:4B1636 CLE:CB-1017AL(4) FMO:4-68095CP GLA:B4538SA GLY:71-3084/4 K.S:87 723 600 OEM:056.198.501 VAN:VPR91498	C 411	4 Pairs		1.8086/ 1.8094 45.938/ 45.959		1.9291/ 1.9297 48.999/ 49.014	0.7480 19.00	0.0593 1.506	
MB5070AM STD/.25/.5/.75/1.0/1.25/1.5 <i>Flange length:</i> <i>STD 24.93 mm (FI STD)</i> <i>0.25,0.5,0.75,1.0 25.03mm (FI oversize 0.1mm)</i> ACL:5M1645 CLE:MS-1659P FMO:6834M GLA:M5526SA GLY:H 010/5;H 025/5 K.S:87 205 600 OEM:056.198.451A VAN:VPM92287	M 507U M 507L	3 Pairs	1-2-4	2.1243/ 2.1251 53.957/ 53.978		2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0985 2.502	
	F5070U F5070L	1 Pair	3	2.1243/ 2.1251 53.957/ 53.978		2.3228/ 2.3235 58.999/ 59.017	0.9820 24.94	0.0985 2.502	
	M 507U	1 Pair	5	2.1243/ 2.1251 53.957/ 53.978		2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0985 2.502	
MB5192AM STD/.25/.5/.75/1.0 <i>Same as MB5070AM, but with Flange oversize 0.8mm. Flange length: STD- 24.93mm (FL STD) 0.25,0.5,0.75,1.0- 25.73mm (FL Oversize)</i> K.S:86 082 604									
MB5566AM STD/.25/.5/.75/1.0/1.25/1.5 <i>Regular components only.</i> <i>Position 1,2,3,5 upper full groove ,lower partial groove.</i> <i>position # 4 full groove.</i> ACL:5M1644 CLE:MS-1824AL FMO:6838M GLA:M5489SA GLY:H 027/5 VAN:VPM92526	M 507U M 507L	4 Pairs	1-2-3-5	2.1243/ 2.1251 53.957/ 53.978		2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0984 2.499	
	M 507U	1 Pair	4	2.1243/ 2.1251 53.957/ 53.978		2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0984 2.499	
TW2010AM STD/.10/.17/.20/.25/.5/.75/1.0 ACL:2T1644 GLY:A 123/4 K.S:78 635 600	W2010D W2010E	2 Pairs		2.3425/ 2.3520 59.500/ 59.741		2.8720/ 2.8819 72.949/ 73.200	0.0000 0.00	0.0770 1.956	
4	AHL L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	08/1996-11/2000	1595 cc	81.00 X 77.40	4 cyl			4	
	ARM L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	08/1996-11/2000	1595 cc	81.00 X 77.40	4 cyl				
CR4104AM STD/.25/.5/.75/1.0 <i>suits for ARM: PR-D2B</i> <i>suits for AHL: -> mot. ch 8D X 400 000</i> <i>With 1.5mm oil hole</i> ACL:4B1606 CLE:CB-1426P(4) FMO:4-4465P GLA:B4622LB/B4693LB GLY:71-3694/4 K.S:87 200 600 OEM:034 105 701 VAN:VPR91905	C4104	4 Pairs		1.8802/ 1.8810 47.757/ 47.777		1.9921/ 1.9929 50.599/ 50.620	0.7480 19.00	0.0553 1.405	
CR4348CP <i>suits for ARM: PR-M4T</i> <i>suits for AHL: mot. ch 8D Y 000 001 -></i> K.S:77 552 600	C4348U C4348L	4 Pairs		1.6522/ 1.6526 41.966/ 41.976		1.7717/ 1.7723 45.001/ 45.016	0.7480 19.00	0.0593 1.506	
MB5391AM <i>suits for ARM: PR-M4T</i> <i>suits for AHL: mot. ch 8D Y 000 001 -></i> K.S:77 551 600	M5391U M5391L	5 Pairs		1.8881/ 1.8889 47.958/ 47.978		2.0866/ 2.0870 53.000/ 53.010	0.7283 18.50	0.0987 2.507	

AUDI				AUDI			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
MB5661S STD/.25/.5/.75 suits for ARM: PR-D2B suits for AHL: -> mot. ch 8D X 400 000 K.S:77 537 600	M5661U M5661L	5 Pairs		2.1245/ 2.1251 53.962/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7283 18.50	0.0987 2.507
5	ALZ L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	11/2000-08/2005	1595 cc	81.00 X 77.40	4 cyl		5
	ANA L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	08/1996-11/2000	1595 cc	81.00 X 77.40	4 cyl		
	BFQ L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	08/1997-06/2006	1595 cc	81.00 X 77.40	4 cyl		
	BGU L4 /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	02/2003-	1595 cc	81.00 X 77.40	4 cyl		
	BSE L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	02/2003-10/2010	1595 cc	81.00 X 77.40	4 cyl		
	CMXA L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	01/2005-	1595 cc	81.00 X 77.40	4 cyl		
	AVU L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	08/1997-06/2006	1598 cc	81.00 X 77.40	4 cyl		
CR4348CP K.S:77 552 600	C4348U C4348L	4 Pairs		1.6522/ 1.6526 41.966/ 41.976	1.7717/ 1.7723 45.001/ 45.016	0.7480 19.00	0.0593 1.506
MB5391AM K.S:77 551 600	M5391U M5391L	5 Pairs		1.8881/ 1.8889 47.958/ 47.978	2.0866/ 2.0870 53.000/ 53.010	0.7283 18.50	0.0987 2.507
6	CAXA L4 85CI /1.4Liter, DOHC, 16 Valves, Gasoline Turbocharge	10/2003-10/2010	1390 cc	76.50 X 75.60	4 cyl		6
	BLF L4 98CI /1.6Liter, DOHC, 16 Valves, Gasoline	02/2003-10/2010	1598 cc	76.50 X 86.90	4 cyl		
CR4527XA STD/.25/.5/.75 GLY:01-4100/4 K.S:77 836 600 OEM:03C 105 701	C4527U C4527L	4 Pairs		1.8804/ 1.8810 47.762/ 47.777	1.9921/ 1.9926 50.599/ 50.612	0.6772 17.20	0.5540 14.072
MB5660S STD/.25/.5/.75/1.0 K.S:77 534 600	M5660U M5660L	5 Pairs		2.1245/ 2.1251 53.962/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7283 18.50	0.0987 2.507
TW2010AM STD/.10/.17/.20/.25/.5/.75/1.0 ACL:2T1644 GLY:A 123/4 K.S:78 635 600	W2010D W2010E	2 Pairs		2.3425/ 2.3520 59.500/ 59.741	2.8720/ 2.8819 72.949/ 73.200	0.0000 0.00	0.0770 1.956
7	MG L4 109CI /1.8Liter, SOHC/OHC, 8 Valves, Gasoline	-	1780 cc	81.00 X 86.40	4 cyl		7
CR4104AM STD/.25/.5/.75/1.0 With 1.5mm oil hole ACL:4B1606 CLE:CB-1426P(4) FMO:4-4465P GLA:B4622LB/B4693LB GLY:71-3694/4 K.S:87 200 600 OEM:034 105 701 VAN:VPR91905	C4104	4 Pairs		1.8802/ 1.8810 47.757/ 47.777	1.9921/ 1.9929 50.599/ 50.620	0.7480 19.00	0.0553 1.405
MB5070AM STD/.25/.5/.75/1.0/1.25/1.5 Flange length: STD 24.93 mm (FI STD) 0.25,0.5,0.75,1.0 25.03mm (FI oversize 0.1mm) ACL:5M1645 CLE:MS-1659P FMO:6834M GLA:M5526SA GLY:H 010/5;H 025/5 K.S:87 205 600 OEM:056.198.451A VAN:VPM92287	M 507U M 507L	3 Pairs	1-2-4	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0985 2.502
	F5070U F5070L	1 Pair	3	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.9820 24.94	0.0985 2.502
	M 507U	1 Pair	5	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0985 2.502
MB5192AM STD/.25/.5/.75/1.0 Same as MB5070AM, but with Flange oversize 0.8mm. Flange length: STD- 24.93mm (FL STD) 0.25,0.5,0.75,1.0- 25.73mm (FL Oversize) K.S:86 082 604							
8	DT L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	08/1980-10/1991	1595 cc	81.00 X 77.40	4 cyl		8
	JW L4 109CI /1.8Liter, SOHC/OHC, 8 Valves, Gasoline	08/1980-06/1995	1781 cc	81.00 X 86.40	4 cyl		









AUDI				AUDI				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
DZ L4 109CI /1.8Liter, SOHC/OHC, 8 Valves, Gasoline	08/1980-06/1989	1781 cc	81.00 X 86.40	4 cyl				
JN L4 109CI /1.8Liter, SOHC/OHC, 8 Valves, Gasoline	08/1980-06/1989	1781 cc	81.00 X 86.40	4 cyl				
CR4104AM STD/.25/.5/.75/1.0 1986- With 1.5mm oil hole ACL: 4B1606 CLE: CB-1426P (4) FMO: 4-4465P GLA: B4622LB/B4693LB GLY: 71-3694/4 K.S: 87 200 600 OEM: 034 105 701 VAN: VPR91905	C4104	4 Pairs		1.8802/ 1.8810 47.757/ 47.777	1.9921/ 1.9929 50.599/ 50.620	0.7480 19.00	0.0553 1.405	
MB5070AM STD/.25/.5/.75/1.0/1.25/1.5 Flange length: STD 24.93 mm (FI STD) 0.25,0.5,0.75,1.0 25.03mm (FI oversize 0.1mm) ACL: 5M1645 CLE: MS-1659P FMO: 6834M GLA: M5526SA GLY: H 010/5; H 025/5 K.S: 87 205 600 OEM: 056.198.451A VAN: VPM92287	M 507U M 507L F5070U F5070L M 507U	3 Pairs 1 Pair 1 Pair	1-2-4 3 5	2.1243/ 2.1251 53.957/ 53.978 2.1243/ 2.1251 53.957/ 53.978 2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017 2.3228/ 2.3235 58.999/ 59.017 2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49 0.9820 24.94 0.7280 18.49	0.0985 2.502 0.0985 2.502 0.0985 2.502	
MB5192AM STD/.25/.5/.75/1.0 Same as MB5070AM, but with Flange oversize 0.8mm. Flange length: STD- 24.93mm (FL STD) 0.25,0.5,0.75,1.0- 25.73mm (FL Oversize) K.S: 86 082 604								
MB5566AM STD/.25/.5/.75/1.0/1.25/1.5 Regular components only. Position 1,2,3,5 upper full groove ,lower partial groove. position # 4 full groove. ACL: 5M1644 CLE: MS-1824AL FMO: 6838M GLA: M5489SA GLY: H 027/5 VAN: VPM92526	M 507U M 507L M 507U	4 Pairs 1 Pair	1-2-3-5 4	2.1243/ 2.1251 53.957/ 53.978 2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017 2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49 0.7280 18.49	0.0984 2.499 0.0984 2.499	
TW2010AM STD/.10/.17/.20/.25/.5/.75/1.0 ACL: 2T1644 GLY: A 123/4 K.S: 78 635 600	W2010D W2010E	2 Pairs		2.3425/ 2.3520 59.500/ 59.741	2.8720/ 2.8819 72.949/ 73.200	0.0000 0.00	0.0770 1.956	
9	DD L4 109CI /1.8Liter, SOHC/OHC, 8 Valves, Gasoline	07/1980-10/1988	1781 cc	81.00 X 86.40	4 cyl		9	
CR 411AM STD/.25/.5/.75/1.0/1.25/1.5 ACL: 4B1636 CLE: CB-1017AL (4) FMO: 4-68095CP GLA: B4538SA GLY: 71-3084/4 K.S: 87 723 600 OEM: 056.198.501 VAN: VPR91498	C 411	4 Pairs		1.8086/ 1.8094 45.938/ 45.959	1.9291/ 1.9297 48.999/ 49.014	0.7480 19.00	0.0593 1.506	
MB5070AM STD/.25/.5/.75/1.0/1.25/1.5 Flange length: STD 24.93 mm (FI STD) 0.25,0.5,0.75,1.0 25.03mm (FI oversize 0.1mm) ACL: 5M1645 CLE: MS-1659P FMO: 6834M GLA: M5526SA GLY: H 010/5; H 025/5 K.S: 87 205 600 OEM: 056.198.451A VAN: VPM92287	M 507U M 507L F5070U F5070L M 507U	3 Pairs 1 Pair 1 Pair	1-2-4 3 5	2.1243/ 2.1251 53.957/ 53.978 2.1243/ 2.1251 53.957/ 53.978 2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017 2.3228/ 2.3235 58.999/ 59.017 2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49 0.9820 24.94 0.7280 18.49	0.0985 2.502 0.0985 2.502 0.0985 2.502	
MB5192AM STD/.25/.5/.75/1.0 Same as MB5070AM, but with Flange oversize 0.8mm. Flange length: STD- 24.93mm (FL STD) 0.25,0.5,0.75,1.0- 25.73mm (FL Oversize) K.S: 86 082 604								
10	ADR L4 109CI /1.8Liter, DOHC, 20 Valves, Gasoline	08/1996-11/2000	1781 cc	81.00 X 86.40	4 cyl		10	
CR4104AM STD/.25/.5/.75/1.0 With 1.5mm oil hole ACL: 4B1606 CLE: CB-1426P (4) FMO: 4-4465P GLA: B4622LB/B4693LB GLY: 71-3694/4 K.S: 87 200 600 OEM: 034 105 701 VAN: VPR91905	C4104	4 Pairs		1.8802/ 1.8810 47.757/ 47.777	1.9921/ 1.9929 50.599/ 50.620	0.7480 19.00	0.0553 1.405	
MB5269AM STD/.25/.5/.75/1.0 GLY: H 084/5 K.S: 77 152 600 OEM: 026 198 491 VAN: VPM05027A	M 507U M 507L	5 Pairs	1-2-3-4-5	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0984 2.499	

AUDI				AUDI			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
MB5566AM STD/.25/.5/.75/1.0/1.25/1.5 <i>Regular components only.</i> <i>Position 1,2,3,5 upper full groove ,lower partial groove.</i> <i>position # 4 full groove.</i> ACL:5M1644 CLE:MS-1824AL FMO:6838M GLA:M5489SA GLY:H 027/5 VAN:VPM92526	M 507U M 507L M 507U	4 Pairs 1 Pair	1-2-3-5 4	2.1243/ 2.1251 53.957/ 53.978 2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017 2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49 0.7280 18.49	0.0984 2.499 0.0984 2.499
11	AJL L4 109CI /1.8Liter, DOHC, 20 Valves, Gasoline Turbocharge	11/1994-01/2005	1781 cc	81.00 X 86.40	4 cyl		11
	AFY L4 109CI /1.8Liter, DOHC, 20 Valves, Gasoline	-	1781 cc	81.00 X 86.40	4 cyl		
CR4104AM STD/.25/.5/.75/1.0 <i>With 1.5mm oil hole</i> ACL:4B1606 CLE:CB-1426P(4) FMO:4-4465P GLA:B4622LB/B4693LB GLY:71-3694/4 K.S:87 200 600 OEM:034 105 701 VAN:VPR91905	C4104	4 Pairs		1.8802/ 1.8810 47.757/ 47.777	1.9921/ 1.9929 50.599/ 50.620	0.7480 19.00	0.0553 1.405
MB5269AM STD/.25/.5/.75/1.0 -> 07/1999 GLY:H 084/5 K.S:77 152 600 OEM:026 198 491 VAN:VPM05027A	M 507U M 507L	5 Pairs	1-2-3-4-5	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0984 2.499
MB5566AM STD/.25/.5/.75/1.0/1.25/1.5 <i>Regular components only.</i> <i>Position 1,2,3,5 upper full groove ,lower partial groove.</i> <i>position # 4 full groove.</i> ACL:5M1644 CLE:MS-1824AL FMO:6838M GLA:M5489SA GLY:H 027/5 VAN:VPM92526	M 507U M 507L M 507U	4 Pairs 1 Pair	1-2-3-5 4	2.1243/ 2.1251 53.957/ 53.978 2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017 2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49 0.7280 18.49	0.0984 2.499 0.0984 2.499
MB5661S STD/.25/.5/.75 08/1999 -> K.S:77 537 600	M5661U M5661L	5 Pairs		2.1245/ 2.1251 53.962/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7283 18.50	0.0987 2.507
12	AEB L4 109CI /1.8Liter, DOHC, 20 Valves, Gasoline Turbocharge	08/1996-11/2000	1781 cc	81.00 X 86.40	4 cyl		12
MB5070AM STD/.25/.5/.75/1.0/1.25/1.5 <i>Flange length:</i> <i>STD 24.93 mm (FI STD)</i> <i>0.25,0.5,0.75,1.0 25.03mm (FI oversize 0.1mm)</i> ACL:5M1645 CLE:MS-1659P FMO:6834M GLA:M5526SA GLY:H 010/5;H 025/5 K.S:87 205 600 OEM:056.198.451A VAN:VPM92287	M 507U M 507L F5070U F5070L M 507U	3 Pairs 1 Pair 1 Pair	1-2-4 3 5	2.1243/ 2.1251 53.957/ 53.978 2.1243/ 2.1251 53.957/ 53.978 2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017 2.3228/ 2.3235 58.999/ 59.017 2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49 0.9820 24.94 0.7280 18.49	0.0985 2.502 0.0985 2.502 0.0985 2.502
MB5192AM STD/.25/.5/.75/1.0 <i>Same as MB5070AM, but with Flange oversize 0.8mm. Flange length: STD- 24.93mm (FL STD) 0.25,0.5,0.75,1.0- 25.73mm (FL Oversize)</i> K.S:86 082 604	M 507U M 507L F5192U F5192L M 507U	3 Pairs 1 Pair 1 Pair	1-2-4 3 5	2.1243/ 2.1251 53.957/ 53.978 2.1243/ 2.1251 53.957/ 53.978 2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017 2.3228/ 2.3235 58.999/ 59.017 2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49 0.9820 24.94 0.7280 18.49	0.0985 2.502 0.0985 2.502 0.0985 2.502
13	AGU L4 109CI /1.8Liter, DOHC, 20 Valves, Gasoline Turbocharge	09/1996-06/2006	1781 cc	81.00 X 86.40	4 cyl		13
	APU L4 109CI /1.8Liter, DOHC, 20 Valves, Gasoline Turbocharge	08/1996-06/2006	1781 cc	81.00 X 86.40	4 cyl		
MB5661S STD/.25/.5/.75 K.S:77 537 600	M5661U M5661L	5 Pairs		2.1245/ 2.1251 53.962/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7283 18.50	0.0987 2.507
14	ARK L4 109CI /1.8Liter, DOHC, 20 Valves, Gasoline Turbocharge	11/1994-01/2005	1781 cc	81.00 X 86.40	4 cyl		14
CR4104AM STD/.25/.5/.75/1.0 <i>With 1.5mm oil hole</i> ACL:4B1606 CLE:CB-1426P(4) FMO:4-4465P GLA:B4622LB/B4693LB GLY:71-3694/4 K.S:87 200 600 OEM:034 105 701 VAN:VPR91905	C4104	4 Pairs		1.8802/ 1.8810 47.757/ 47.777	1.9921/ 1.9929 50.599/ 50.620	0.7480 19.00	0.0553 1.405

AUDI				AUDI				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
MB5269AM STD/.25/.5/.75/1.0 GLY:H 084/5 K.S:77 152 600 OEM:026 198 491 VAN:VPM05027A	M 507U M 507L	5 Pairs	1-2-3-4-5	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0984 2.499	
15	ANB L4 109CI /1.8Liter, DOHC, 20 Valves, Gasoline Turbocharge	08/1996-06/2006	1781 cc	81.00 X 86.40	4 cyl		15	
	APX L4 109CI /1.8Liter, DOHC, 20 Valves, Gasoline Turbocharge	10/1998-06/2006	1781 cc	81.00 X 86.40	4 cyl			
CR4104AM STD/.25/.5/.75/1.0 With 1.5mm oil hole ACL:4B1606 CLE:CB-1426P(4) FMO:4-4465P GLA:B4622LB/B4693LB GLY:71-3694/4 K.S:87 200 600 OEM:034 105 701 VAN:VPR91905	C4104	4 Pairs		1.8802/ 1.8810 47.757/ 47.777	1.9921/ 1.9929 50.599/ 50.620	0.7480 19.00	0.0553 1.405	
MB5661S STD/.25/.5/.75 K.S:77 537 600	M5661U M5661L	5 Pairs		2.1245/ 2.1251 53.962/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7283 18.50	0.0987 2.507	
16	BKD L4 120CI /2.0Liter, DOHC, 16 Valves, Diesel Turbocharge	02/2003-	1968 cc	81.00 X 95.50	4 cyl		16	
	BMM L4 120CI /2.0Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	04/2002-10/2010	1968 cc	81.00 X 95.50	4 cyl			
	BRC L4 120CI /2.0Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	04/1985-09/1994	1968 cc	81.00 X 95.50	4 cyl			
	BRE L4 120CI /2.0Liter, DOHC, 16 Valves, Diesel Turbocharge	04/1985-12/1994	1968 cc	81.00 X 95.50	4 cyl			
	CAGB L4 120CI /2.0Liter, DOHC, 16 Valves, Diesel Turbocharge	05/2004-	1968 cc	81.00 X 95.50	4 cyl			
MB5337S STD/.25/.5/.75/1.0 GLY:H 079/5 K.S:77 553 600	M5337U M5337L	5 Pairs	1-5	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3233 58.999/ 59.012	0.7283 18.50	0.0985 2.502	
TW2010AM STD/.10/.17/.20/.25/.5/.75/1.0 ACL:2T1644 GLY:A 123/4 K.S:78 635 600	W2010D W2010E	2 Pairs		2.3425/ 2.3520 59.500/ 59.741	2.8720/ 2.8819 72.949/ 73.200	0.0000 0.00	0.0770 1.956	
17	WA L4 121CI /2.0Liter, SOHC/OHC, 8 Valves, Gasoline	06/1976-02/1983	1984 cc	86.50 X 84.40	4 cyl	Audi 100	17	
CR4155AM CLE:CB-1144P(4) GLA:B4593LB/SA GLY:71-3332/4 K.S:87 453 600 VAN:VPR92141	C4155	4 Pairs		1.8878/ 1.8886 47.950/ 47.970	2.0315/ 2.0322 51.600/ 51.618	0.8268 21.00	0.0711 1.806	
MB5248AM CLE:MS-1433AL GLA:M5536SA GLY:H 937/5 K.S:87 452 600 VAN:VPM92582A	M5248U M5248L F5248	4 Pairs 1 Pair	1-2-4-5 3	2.5177/ 2.5185 63.950/ 63.970 2.5177/ 2.5185 63.950/ 63.970	2.6772/ 2.6779 68.001/ 68.019 2.6772/ 2.6779 68.001/ 68.019	0.8268 21.00 1.0984 27.90	0.0789 2.004 0.0789 2.004	
18	AUM L4 109CI /1.8Liter, DOHC, 20 Valves, Gasoline Turbocharge	08/1997-06/2006	1781 cc	81.00 X 86.40	4 cyl	TT 1.8i TURBO 20V	18	
	AMB L4 109CI /1.8Liter, DOHC, 20 Valves, Gasoline Turbocharge	11/1994-03/2009	1781 cc	81.00 X 86.40	4 cyl	A4 1.8i TURBO 20V		
	ALT L4 121CI /2.0Liter, DOHC, 20 Valves, Gasoline	11/2000-08/2005	1984 cc	82.50 X 92.80	4 cyl	A4 2.0i 20V, A6 2.0i 20V		
	AWA L4 121CI /2.0Liter, DOHC, 16 Valves, Gasoline	11/2000-06/2008	1984 cc	82.50 X 92.80	4 cyl	A4 2.0i FSI 20V		
	BYK L4 121CI /2.0Liter, DOHC, 16 Valves, Gasoline Turbocharge	10/2003-03/2011	1984 cc	82.50 X 92.80	4 cyl	A4 2.0i TFSI 16V, A6 2.0i TFSI 16V		
	BLR L4 121CI /2.0Liter, DOHC, 16 Valves, Gasoline	02/2003-10/2010	1984 cc	82.50 X 92.80	4 cyl	A3 2.0i FSI 16V		
CR4250CA STD/.25/.5/.75/1.0 GLY:71-3929/4 K.S:77 581 600 VAN:VPRO4041	C4250U C4250L	4 Pairs		1.8802/ 1.8810 47.757/ 47.777	1.9921/ 1.9926 50.599/ 50.612	0.7480 19.00	0.0554 1.407	
MB5661S STD/.25/.5/.75	M5661U	5 Pairs		2.1245/ 2.1251	2.3228/ 2.3235	0.7283	0.0987	

AUDI				AUDI			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
K.S:77 537 600	M5661L			53.962/ 53.978	58.999/ 59.017	18.50	2.507
TW2010AM STD/.10/.17/.20/.25/.5/.75/1.0 ACL:2T1644 GLY:A 123/4 K.S:78 635 600	W2010D W2010E	2 Pairs		2.3425/ 2.3520 59.500/ 59.741	2.8720/ 2.8819 72.949/ 73.200	0.0000 0.00	0.0770 1.956
19	ABB L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	06/1986-10/1991	1595 cc	81.00 X 77.40	4 cyl		
	ABM L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	09/1991-12/1994	1595 cc	81.00 X 77.40	4 cyl		
	ADA L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	09/1991-01/1996	1595 cc	81.00 X 77.40	4 cyl		
	ADP L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	08/1996-11/2000	1595 cc	81.00 X 77.40	4 cyl		
	PP L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	08/1980-06/1989	1595 cc	81.00 X 77.40	4 cyl		
	RN L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	06/1986-10/1991	1595 cc	81.00 X 77.40	4 cyl		
	4B L4 109CI /1.8Liter, SOHC/OHC, 8 Valves, Gasoline	08/1982-10/1991	1781 cc	81.00 X 86.40	4 cyl		
	NP L4 109CI /1.8Liter, SOHC/OHC, 8 Valves, Gasoline	08/1982-11/1990	1781 cc	81.00 X 86.40	4 cyl		
	PH L4 109CI /1.8Liter, SOHC/OHC, 8 Valves, Gasoline	08/1982-11/1990	1781 cc	81.00 X 86.40	4 cyl		
	SF L4 109CI /1.8Liter, SOHC/OHC, 8 Valves, Gasoline	08/1978-10/1991	1781 cc	81.00 X 86.40	4 cyl		
	SD L4 113CI /1.9Liter, SOHC/OHC, 8 Valves, Gasoline	06/1986-10/1991	1847 cc	82.50 X 86.40	4 cyl		
	3A L4 121CI /2.0Liter, SOHC/OHC, 8 Valves, Gasoline	08/1982-01/1988	1984 cc	82.50 X 92.80	4 cyl		
	6A L4 121CI /2.0Liter, DOHC, 16 Valves, Gasoline	06/1986-08/2000	1984 cc	82.50 X 92.80	4 cyl		
	AAD L4 121CI /2.0Liter, SOHC/OHC, 8 Valves, Gasoline	06/1986-12/1996	1984 cc	82.50 X 92.80	4 cyl		
	AAE L4 121CI /2.0Liter, SOHC/OHC, 8 Valves, Gasoline	12/1990-12/1997	1984 cc	82.50 X 92.80	4 cyl		
	ABK L4 121CI /2.0Liter, SOHC/OHC, 8 Valves, Gasoline	10/1988-08/2000	1984 cc	82.50 X 92.80	4 cyl		
	ADW L4 121CI /2.0Liter, SOHC/OHC, 8 Valves, Gasoline	08/1988-06/1995	1984 cc	82.50 X 92.80	4 cyl		
CR4104AM STD/.25/.5/.75/1.0 With 1.5mm oil hole ACL:4B1606 CLE:CB-1426P (4) FMO:4-4465P GLA:B4622LB/B4693LB GLY:71-3694/4 K.S:87 200 600 OEM:034 105 701 VAN:VPR91905	C4104	4 Pairs		1.8802/ 1.8810 47.757/ 47.777	1.9921/ 1.9929 50.599/ 50.620	0.7480 19.00	0.0553 1.405
MB5566AM STD/.25/.5/.75/1.0/1.25/1.5 Regular components only. Position 1,2,3,5 upper full groove ,lower partial groove. position # 4 full groove. ACL:5M1644 CLE:MS-1824AL FMO:6838M GLA:M5489SA GLY:H 027/5 VAN:VPM92526	M 507U M 507L M 507U	4 Pairs 1 Pair	1-2-3-5 4	2.1243/ 2.1251 53.957/ 53.978 2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017 2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49 0.7280 18.49	0.0984 2.499 0.0984 2.499
20	CDLA L4 121CI /2.0Liter, DOHC, 16 Valves, Gasoline Turbocharge	05/2008-	1984 cc	82.50 X 92.80	4 cyl		
MB5661Si STD/.25/.5/.75 K.S:77 537 600	M5661U M5661L	5 Pairs		2.1245/ 2.1251 53.962/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7283 18.50	0.0987 2.507
21	KH L5 131CI /2.1Liter, SOHC/OHC, 10 Valves, vin C, Gasoline Turbocharge	-	2144 cc	79.50 X 86.40	5 cyl		

AUDI					AUDI				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
	1B 136CI, 2.2LTR, SOHC/OHC, 10 Valves, L, Gasoline (MFI), aspiration: TC,	07/1980-	2226 cc	81.00 X 86.40	5 cyl				
	2B 136CI, 2.2LTR, SOHC/OHC, 10 Valves, L, Gasoline (MFI), aspiration: TC,	07/1980-12/1991	2226 cc	81.00 X 86.40	5 cyl				
	MC 136CI, 2.2LTR, SOHC/OHC, 10 Valves, L, Gasoline (MFI), aspiration: TC,	08/1988-09/1999	2226 cc	81.00 X 86.40	5 cyl				
	CR 501AM STD/.25/.5/.75/1.0/1.5 ACL:5B1636 CLE:CB-1017AL(5) FMO:5-68095CP GLA:B5011SA GLY:71-3084/5 K.S:87 455 600 VAN:VPR91947	C 411	5 Pairs		1.8086/ 1.8094 45.938/ 45.959	1.9291/ 1.9297 48.999/ 49.014	0.7480 19.00	0.0593 1.506	
	MB 605AM STD/.25/.5/.75/1.0 <i>Without flange bearing.</i> CLE:MS-1489P GLA:M6056LB GLY:H 981/6 K.S:87 454 600 OEM:034 198 491 D VAN:VPM92292	M 601U M 601L	6 Pairs	1-6	2.2818/ 2.2826 57.958/ 57.978	2.4803/ 2.4810 63.000/ 63.017	0.7283 18.50	0.0985 2.502	
	TW2009AM STD/.25/.5/.75/1.0 FMO:68156BF GLY:A 124/4 K.S:78 639 600 VAN:VPW95170	W2009D W2009E	2 Pairs		0.0000/ 2.5000 0.000/ 63.500	0.0000/ 3.0394 0.000/ 77.201	0.0000 0.00	0.0780 1.981	
22	AAS L5 145CI /2.4Liter, SOHC/OHC, 10 Valves, Diesel	12/1990-11/1994	2370 cc	79.50 X 95.50	5 cyl				22
	CR 502AM STD/.25/.5/.75/1.0/1.5 ACL:5B1076 CLE:CB-1162(5) FMO:5-68150CP GLA:B5010LB- K.S:87 463 600	C 437	5 Pairs		1.8802/ 1.8810 47.757/ 47.777	1.9921/ 1.9929 50.599/ 50.620	0.7480 19.00	0.0554 1.407	
	MB 605AM STD/.25/.5/.75/1.0 <i>Without flange bearing.</i> CLE:MS-1489P GLA:M6056LB GLY:H 981/6 K.S:87 454 600 OEM:034 198 491 D VAN:VPM92292	M 601U M 601L	6 Pairs	1-6	2.2818/ 2.2826 57.958/ 57.978	2.4803/ 2.4810 63.000/ 63.017	0.7283 18.50	0.0985 2.502	
	TW2009AM STD/.25/.5/.75/1.0 FMO:68156BF GLY:A 124/4 K.S:78 639 600 VAN:VPW95170	W2009D W2009E	2 Pairs		0.0000/ 2.5000 0.000/ 63.500	0.0000/ 3.0394 0.000/ 77.201	0.0000 0.00	0.0780 1.981	
23	3B L5 136CI /2.2Liter, DOHC, 20 Valves, Gasoline Turbocharge	03/1969-07/2001	2226 cc	81.00 X 86.40	5 cyl				23
	AAN L5 136CI /2.2Liter, DOHC, 20 Valves, Gasoline Turbocharge	10/1988-12/1997	2226 cc	81.00 X 86.40	5 cyl				
	AAT L5 150CI /2.5Liter, SOHC/OHC, 10 Valves, Diesel Turbocharge	08/1982-12/1997	2461 cc	81.00 X 95.50	5 cyl				
	MB 601AM STD/.25/.5/.75/1.0 ACL:6M1605 CLE:MS-1434AL FMO:6656M GLA:M6046SA GLY:H 941/6 K.S:87 461 600 OEM:035.198.451 VAN:VPM91929	M 601U M 601L	5 Pairs	1-2-4-5-6	2.2818/ 2.2826 57.958/ 57.978	2.4803/ 2.4810 63.000/ 63.017	0.7283 18.50	0.0985 2.502	
	MB 605AM STD/.25/.5/.75/1.0 <i>Without flange bearing.</i> CLE:MS-1489P GLA:M6056LB GLY:H 981/6 K.S:87 454 600 OEM:034 198 491 D VAN:VPM92292	F 601U F 601L	1 Pair	3	2.2818/ 2.2826 57.958/ 57.978	2.4803/ 2.4810 63.000/ 63.017	0.9815 24.93	0.0985 2.502	
	MB 605AM STD/.25/.5/.75/1.0 <i>Without flange bearing.</i> CLE:MS-1489P GLA:M6056LB GLY:H 981/6 K.S:87 454 600 OEM:034 198 491 D VAN:VPM92292	M 601U M 601L	6 Pairs	1-6	2.2818/ 2.2826 57.958/ 57.978	2.4803/ 2.4810 63.000/ 63.017	0.7283 18.50	0.0985 2.502	
	TW2009AM STD/.25/.5/.75/1.0 FMO:68156BF GLY:A 124/4 K.S:78 639 600 VAN:VPW95170	W2009D W2009E	2 Pairs		0.0000/ 2.5000 0.000/ 63.500	0.0000/ 3.0394 0.000/ 77.201	0.0000 0.00	0.0780 1.981	
24	BUB V6 195CI /3.2Liter, DOHC, 24 Valves, Gasoline	10/2003-	3189 cc	84.00 X 95.90	6 cyl				24
	BHK V6 220CI /3.6Liter, DOHC, 24 Valves, Gasoline	10/2002-05/2010	3597 cc	89.00 X 96.40	6 cyl				
	CR6764AM STD/.25/.5/.75 CLE:CB-1824AL(6) FMO:6-4525P GLY:01-3841/6 VAN:VPR06029A	C6764	6 Pairs		2.1243/ 2.1251 53.957/ 53.978	2.2362/ 2.2370 56.799/ 56.820	0.6693 17.00	0.0554 1.407	

AUDI				AUDI			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
MB7089AM STD/.25/.5/.75 CLE:MS-2229AL FMO:7304M GLY:H 035/7 VAN:VPM07017A	M7089U M7089L	7 Pairs	1-7	2.3606/ 2.3613 59.959/ 59.977	2.5591/ 2.5594 65.001/ 65.009	0.6693 17.00	0.0984 2.499
25	PT V8 217Cl /3.6Liter, DOHC, 32 Valves, Gasoline PT -	10/1988-02/1994	3562 cc	81.00 X 86.40	8 cyl	Long	25
	AEW V8 226Cl /3.7Liter, DOHC, 32 Valves, Gasoline AEW -	03/1994-12/2002	3697 cc	84.50 X 82.40	8 cyl	A6,A8, A6/A8 Quattro	
	AKC V8 226Cl /3.7Liter, DOHC, 40 Valves, Gasoline ABH,ABZ,AEC -	03/1994-12/2002	3697 cc	84.50 X 82.40	8 cyl	S6 Plus, S8	
	AQG V8 226Cl /3.7Liter, DOHC, 40 Valves, Gasoline	03/1994-01/2005	3697 cc	84.50 X 82.40	8 cyl		
CR 893AM GLY:01-3841/8 VAN:VPR08002	C6764	8 Pairs		2.1243/ 2.1251 53.957/ 53.978	2.2362/ 2.2370 56.799/ 56.820	0.6693 17.00	0.0554 1.407
CR 895CP <i>Under Development</i> GLY:71-3933/8 VAN:VPR08004	C6767*	8 Pairs		1.9669/ 1.9676 49.959/ 49.977	2.0945/ 2.0952 53.200/ 53.218	0.7087 18.00	0.0632 1.605

Engine Index: AUSTIN

Engine-Code	Years	Cyl	CC	Line
A125,A135	1949-	0	0	16
DA1,DH1-5	1949-	0	0	16
DM1-5,DS5	1949-	0	0	16
A SERIES		4	848	2
A SERIES		4	948	2
A SERIES		4	998	2
A+ SERIES		4	998	1
A SERIES		4	1071	5
A SERIES		4	1098	2
A SERIES		4	1098	3
A SERIES		4	1098	4
A SERIES		4	1275	5
A SERIES		4	1275	5
A SERIES		4	1275	5
A+ SERIES 2965/2934		4	1275	5
E SERIES O.H.C		4	1485	7
1.5 L Diesel		4	1489	6
B SERIES		4	1489	6
R SERIES O.H.C		4	1598	7

Engine-Code	Years	Cyl	CC	Line
S SERIES O.H.C.		4	1598	7
B SERIES		4	1622	6
O SERIES O.H.C		4	1695	9
E SERIES O.H.C		4	1748	7
B SERIES 2955/2953		4	1798	8
O SERIES O.H.C. Carb/Fuel		4	1994	9
O SERIES O.H.C		4	1994	9
PRIMA 65 Diesel		4	1994	10
PRIMA 80T D Diesel		4	1994	10
22 UA DIESEL		4	2178	11
EA SERIES 25U		4	2520	12
EA SERIES Diesel		4	2520	13
C TYPE C26M		6	2639	14
C SERIES		6	2912	14
WA		6	2912	14
C SERIES		6	2912	15
40E,40K	1949-	6	3993	16

Car Model Index: AUSTIN






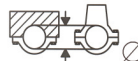


Model	Engine	Years	Cyl	CC	Line
10 cwt.Van.,J4 10/15 cwt	B SERIES	1956-62	4	1489	6
1100 Countryman,1100	A SERIES	1966-73	4	1098	3
1300 GT	A SERIES	1967-73	4	1275	5
1300 Mk V America	A SERIES	1972-73	4	1275	5
152 Series Omnivan,	B SERIES	1956-62	4	1489	6

Model	Engine	Years	Cyl	CC	Line
1800 Mk I,II,III	B SERIES	1964-75	4	1798	8
1800s Mk II,III	B SERIES	1971-72	4	1798	8
3 Litre Saloon	C SERIES	1968-72	6	2912	15
7-10 cwt Van	A SERIES	1972-79	4	1275	5
A110 Westminster	WA	1962-68	6	2912	14

Model	Engine	Years	Cyl	CC	Line
A35	A SERIES	1957-59	4	948	2
A35 6cwt. Van	A SERIES	1962-67	4	1098	3
A40	A SERIES	1957-62	4	948	2
A40 MK II 1100	A SERIES	1962-67	4	1098	2
A40 Mk II 1100	A SERIES	1962-67	4	1098	3
A50 Cambridge	B SERIES	1955-57	4	1489	6
A55 Cambridge	B SERIES	1958-61	4	1489	6
A60 Cambridge	1.5 L Diesel	1966-69	4	1489	6
A60 Cambridge	B SERIES	1962-69	4	1622	6
A95 Westminster, A105	C TYPE C26M	1957-59	6	2639	14
A99 Westminster	WA	1960-61	6	2912	14
Allegro	A+ SERIES	1980-	4	998	1
Allegro 1.3,L,HL,HLS	A+ SERIES	1981-82	4	1275	5
Allegro 1100	A SERIES	1974-81	4	1098	2
Allegro 1100	A SERIES	1974-81	4	1098	3
Allegro 1300	A SERIES	1974-83	4	1275	5
Allegro 1500	E SERIES O.H.C	1970-73	4	1485	7
Allegro 1750HL	E SERIES O.H.C	1974-79	4	1748	7
Allegro 3 1.7L,HL,HLS	E SERIES O.H.C	1980-82	4	1748	7
Ambassador 1.7L,HL	O SERIES O.H.C	1982-84	4	1695	9
Ambassador	O SERIES O.H.C.	1982-84	4	1994	9
DSL Turbo	PRIMA 80T D	1988-	4	1994	10
Healey 100/6	C TYPE C26M	1957-59	6	2639	14
Healey 3000	C SERIES	1959-68	6	2912	14
Healey Sprite	A SERIES	1957-62	4	948	2
Healey Sprite Mk IV	A SERIES	1967-72	4	1275	5
Healey Sprite Mk III	A SERIES	1963-66	4	1098	4
J2 J4, J250 10-18 cwt.	B SERIES	1963-74	4	1622	6
J2M16 JU250,1.5 Litre	1.5 L Diesel	1967-74	4	1489	6
Maestreo Clubman,DLX	PRIMA 65 Diesel	1986-	4	1994	10
Maestro 1.3,L,HL,HLE	A+ SERIES	1983-	4	1275	5
Maestro 1.6 L,HLS	R SERIES O.H.C	1983-84	4	1598	7
Maestro 2.0D,500-	PRIMA 65 Diesel	1986-	4	1994	10
Maestro 500 City, L	A+ SERIES	1984-	4	1275	5
Maestro L,HL,HLS	S SERIES O.H.C.	1984-	4	1598	7
Maxi 1500	E SERIES O.H.C	1970-79	4	1485	7
Maxi 1750	E SERIES O.H.C	1971-80	4	1748	7
Maxi 1750 HL,HLS	E SERIES O.H.C	1973-80	4	1748	7
Maxi 2 1750L,HL,HLS	E SERIES O.H.C	1980-82	4	1748	7
Metro 1.0, Van	A+ SERIES	1980-	4	998	1
Metro	A+ SERIES	1980-	4	1275	5
Metro 310 City,L Vans	A+ SERIES	1980	4	1275	5

Model	Engine	Years	Cyl	CC	Line
Metro 310 L Van	A+ SERIES	1985-	4	998	1
Metro City	A+ SERIES	1980-	4	998	1
Metropolitan 1500	B SERIES	1959-61	4	1489	6
Metropolitan Taxi	EA SERIES Diesel	1973-	4	2520	13
Mini & Seven Cooper	A SERIES	1965-70	4	998	2
Mini 1.0 City	A+ SERIES	1984-	4	998	1
Mini 1000 MK II	A SERIES	1968-75	4	998	2
Mini	A SERIES	1975-82	4	998	2
Mini 1275 GT	A SERIES	1970-75	4	1275	5
Mini 850 MK II	A SERIES	1968-70	4	848	2
Mini 850, Automatic	A SERIES	1963-79	4	848	2
Mini 850, City, SDL,95	A SERIES	1978-80	4	848	2
Mini 95 Pick-Up, Van	A SERIES	1977-83	4	998	2
Mini Clubman	A SERIES	1959-75	4	998	2
Mini Clubman 1000 MK	A SERIES	1969-75	4	998	2
Mini Clubman, Clubman	A SERIES	1975-80	4	1098	2
Mini Cooper S	A SERIES	1963-64	4	1071	5
Mini Cooper S	A SERIES	1963-69	4	1275	5
Mini Cooper S	A SERIES	1964-71	4	1275	5
Mini Moke,5 cwt.VAN	A SERIES	1960-69	4	848	2
Montego 1.3	A+ SERIES	1984-	4	1275	5
Montego 2.0 HL, HLS	O SERIES O.H.C.	1984-	4	1994	9
Montego 2.0 Si,GTi,GSi	O SERIES O.H.C.	1984-	4	1994	9
Montego 2.0 Turbo	O SERIES O.H.C	1984-	4	1994	9
Montego 2.0 Vanden	O SERIES O.H.C.	1984-85	4	1994	9
Montego 2.0DL	PRIMA 80T D	1988-	4	1994	10
Montego	S SERIES O.H.C.	1984-	4	1598	7
Princess	A125,A135		0		16
Princess	DA1,DH1-5		0		16
Princess 1700L,HL,HLS	O SERIES O.H.C	1978-82	4	1695	9
Princess 1800, 1800 HL	B SERIES	1975-78	4	1798	8
Princess 2000 HL,HLS	O SERIES O.H.C.	1978-82	4	1994	9
Seven	A SERIES	1960-62	4	848	2
Sheerline	A125,A135		0		16
Sheerline	DA1,DH1-5		0		16
Taxicab FX3D,FX4,LD-	22 UA DIESEL		4	2178	11
Vanden Plas EFi	O SERIES O.H.C.	1984-	4	1994	9
Vanden Plas,Princess	A SERIES	1963-68	4	1098	4
Vandenplas	R SERIES O.H.C	1983-84	4	1598	7

AUSTIN				AUSTIN				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
1	A+ SERIES		998 cc	64.57 X 76.20	4 cyl	Allegro, Metro 1.0, Van, Metro 310 L Van, Metro City, X,L,HLE, Mayfair, Mini 1.0 City E,HLE, Mayfair		
CR 417AM STD/010/020/030/040/050/060 <i>With hole</i> ACL: 4B2201 FMO: 4-2965CP GLY: 01-4313/4 CLE: CB- 488AL(4) GLA: B4302SA VAN: VPR572A	C 417	4 Pairs		1.6254/ 1.6259 41.285/ 41.298	1.7705/ 1.7710 44.971/ 44.983	0.8800 22.35	0.0719 1.826	
CS 319BB CLE: SH- 84S GLA: C3046S VAN: VPC956 FMO: 1543M GLY: N162/3	S 319/1	1	1	1.6645/ 1.6650 42.278/ 42.291	1.7955/ 1.7965 45.606/ 45.631	1.1300 28.70	0.0620 1.575	
	S 319/2	1	2	1.6227/ 1.6232	1.7535/ 1.7540	0.7550	0.0620	

AUSTIN				AUSTIN			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
	S 319/3	1	3	41.217/ 41.229 1.3727/ 1.3732 34.867/ 34.879	44.539/ 44.552 1.5035/ 1.5043 38.189/ 38.209	19.18 0.5350 13.59	1.575 0.0620 1.575
MB 305AM STD/010/020/030 1983- CLE:MS-1599AL GLA:M3427SA GLY:H1135/3 VAN:VPM91885A	M 305U M 305L	3 Pairs		1.7507/ 1.7512 44.468/ 44.480	1.8959/ 1.8967 48.156/ 48.176	1.0570 26.85	0.0721 1.831
MB 321AM STD/010/020/030/040/050/060 1980-83 ACL:3M2203 CLE:MS- 812AL FMO:4770M GLA:M3314LC GLY:H1117/3 VAN:VPM733A	M 321	3 Pairs		1.7505/ 1.7510 44.463/ 44.475	1.8960/ 1.8965 48.158/ 48.171	1.0670 27.10	0.0721 1.831
TW 206CP ACL:2T2203 CLE:TW- 147S FMO:2966BF GLA:W2122L GLY:A004/4 VAN:VPW81	W 206/D W 206/E	2 Pairs		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.0000 0.000
2	A SERIES		848 cc	62.92 X 68.26	4 cyl	Mini 850 MK II, Mini 850, Automatic, Mini 850, City, SDL,95 Van, Mini Moke,5 cwt.VAN, Seven	2
	A SERIES		948 cc	62.93 X 76.20	4 cyl	A35, A40, Healey Sprite	
	A SERIES		998 cc	64.57 X 76.20	4 cyl	Mini & Seven Cooper, Mini 1000 MK II, Mini 1000, City, HL, Estate, Mini 95 Pick-Up, Van, Mini Clubman, Mini Clubman 1000 MK II	
	A SERIES		1098 cc	64.57 X 83.72	4 cyl	A40 MK II 1100, Allegro 1100, Mini Clubman, Clubman Estate	
CR 417AM STD/010/020/030/040/050/060 With hole ACL:4B2201 CLE:CB- 488AL (4) FMO:4-2965CP GLA:B4302SA GLY:01-4313/4 VAN:VPR572A	C 417	4 Pairs		1.6254/ 1.6259 41.285/ 41.298	1.7705/ 1.7710 44.971/ 44.983	0.8800 22.35	0.0719 1.826
CS 319BB CLE:SH- 84S FMO:1543M GLA:C3046S GLY:N162/3 VAN:VPC956	S 319/1	1	1	1.6645/ 1.6650 42.278/ 42.291	1.7955/ 1.7965 45.606/ 45.631	1.1300 28.70	0.0620 1.575
	S 319/2	1	2	1.6227/ 1.6232 41.217/ 41.229	1.7535/ 1.7540 44.539/ 44.552	0.7550 19.18	0.0620 1.575
	S 319/3	1	3	1.3727/ 1.3732 34.867/ 34.879	1.5035/ 1.5043 38.189/ 38.209	0.5350 13.59	0.0620 1.575
MB 311AM STD/010/020/030/040/050/060 1960-69 ACL:3M2202 CLE:MS- 735AL FMO:6314M GLA:M3282SA	M 311	3 Pairs		1.7505/ 1.7510 44.463/ 44.475	1.8960/ 1.8965 48.158/ 48.171	1.1920 30.28	0.0723 1.836
MB 321AM STD/010/020/030/040/050/060 1969-80 ACL:3M2203 CLE:MS- 812AL FMO:4770M GLA:M3314LC GLY:H1117/3 VAN:VPM733A	M 321	3 Pairs		1.7505/ 1.7510 44.463/ 44.475	1.8960/ 1.8965 48.158/ 48.171	1.0670 27.10	0.0721 1.831
3	A SERIES		1098 cc	64.57 X 83.72	4 cyl	1100 Countryman, 1100 MK II, A35 6cwt. Van, A40 Mk II 1100, Allegro 1100	3
CR 417AM STD/010/020/030/040/050/060 With hole ACL:4B2201 CLE:CB- 488AL (4) FMO:4-2965CP GLA:B4302SA GLY:01-4313/4 VAN:VPR572A	C 417	4 Pairs		1.6254/ 1.6259 41.285/ 41.298	1.7705/ 1.7710 44.971/ 44.983	0.8800 22.35	0.0719 1.826
CS 319BB CLE:SH- 84S FMO:1543M GLA:C3046S GLY:N162/3 VAN:VPC956	S 319/1	1	1	1.6645/ 1.6650 42.278/ 42.291	1.7955/ 1.7965 45.606/ 45.631	1.1300 28.70	0.0620 1.575
	S 319/2	1	2	1.6227/ 1.6232 41.217/ 41.229	1.7535/ 1.7540 44.539/ 44.552	0.7550 19.18	0.0620 1.575

AUSTIN				AUSTIN			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
	S 319/3	1	3	1.3727/ 1.3732 34.867/ 34.879	1.5035/ 1.5043 38.189/ 38.209	0.5350 13.59	0.0620 1.575
MB 321AM STD/010/020/030/040/050/060 ACL: 3M2203 CLE: MS- 812AL FMO: 4770M GLA: M3314LC GLY: H1117/3 VAN: VPM733A	M 321	3 Pairs		1.7505/ 1.7510 44.463/ 44.475	1.8960/ 1.8965 48.158/ 48.171	1.0670 27.10	0.0721 1.831
TW 206CP ACL: 2T2203 CLE: TW- 147S FMO: 2966BF GLA: W2122L GLY: A004/4 VAN: VPM81	W 206/D W 206/E	2 Pairs		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.0000 0.000
4	A SERIES		1098 cc	64.57 X 83.72	4 cyl	Healey Sprite Mk III, Vanden Plas, Princess 1100	4
CR 417AM STD/010/020/030/040/050/060 <i>With hole</i> ACL: 4B2201 CLE: CB- 488AL (4) FMO: 4-2965CP GLA: B4302SA GLY: 01-4313/4 VAN: VPR572A	C 417	4 Pairs		1.6254/ 1.6259 41.285/ 41.298	1.7705/ 1.7710 44.971/ 44.983	0.8800 22.35	0.0719 1.826
CS 319BB CLE: SH- 84S FMO: 1543M GLA: C3046S GLY: N162/3 VAN: VPC956	S 319/1	1	1	1.6645/ 1.6650 42.278/ 42.291	1.7955/ 1.7965 45.606/ 45.631	1.1300 28.70	0.0620 1.575
	S 319/2	1	2	1.6227/ 1.6232 41.217/ 41.229	1.7535/ 1.7540 44.539/ 44.552	0.7550 19.18	0.0620 1.575
	S 319/3	1	3	1.3727/ 1.3732 34.867/ 34.879	1.5035/ 1.5043 38.189/ 38.209	0.5350 13.59	0.0620 1.575
CS 320BB <i>1964-66</i> CLE: SH- 85S GLA: C3063S GLY: N181/3 VAN: VPC989							
MB 321AM STD/010/020/030/040/050/060 <i>1963-64</i> ACL: 3M2203 CLE: MS- 812AL FMO: 4770M GLA: M3314LC GLY: H1117/3 VAN: VPM733A	M 321	3 Pairs		1.7505/ 1.7510 44.463/ 44.475	1.8960/ 1.8965 48.158/ 48.171	1.0670 27.10	0.0721 1.831
MB 328AM STD/010/020/030/040/050/060 <i>1964-66</i> <i>All 8 halves - with oil hole and groove.</i> ACL: 3M2204 CLE: MS- 913AL FMO: 6117M GLA: M3337SA GLY: H1187/3 VAN: VPM91120A	M 328	3 Pairs		2.0005/ 2.0010 50.813/ 50.825	2.1460/ 2.1465 54.508/ 54.521	0.9850 25.02	0.0720 1.829
TW 206CP <i>1963-64</i> ACL: 2T2203 CLE: TW- 147S FMO: 2966BF GLA: W2122L GLY: A004/4 VAN: VPM81	W 206/D W 206/E	2 Pairs		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.0000 0.000
TW 215CP <i>1964-66</i> ACL: 2T2204 CLE: TW- 168S FMO: 2966BFA GLA: W2136L GLY: A006/4 VAN: VPM41	W 215/D W 215/E	2 Pairs		2.2150/ 2.2250 56.261/ 56.515	2.9950/ 3.0050 76.073/ 76.327	0.0000 0.00	0.0930 2.362
5	A SERIES		1071 cc	70.61 X 68.35	4 cyl	Mini Cooper S	5
	A SERIES		1275 cc	70.61 X 81.28	4 cyl	Mini Cooper S	
	A SERIES		1275 cc	70.61 X 81.28	4 cyl	1300 Mk V America, Allegro 1300, Healey Sprite Mk IV, Mini 1275 GT	
	A SERIES		1275 cc	70.61 X 81.28	4 cyl	1300 GT, 7-10 cwt Van, Mini Cooper S	
	A+ SERIES 2965/2934		1275 cc	70.61 X 81.28	4 cyl	Allegro 1.3,L,HL,HLS, Maestro 1.3,L,HL,HLE, Maestro 500 City, L Vans, Metro 1.3s,L,HL,HLS,HLE,Vanden , Metro 310 City,L Vans, Montego 1.3	
CR 417AM STD/010/020/030/040/050/060 <i>With hole</i>	C 417	4 Pairs		1.6254/ 1.6259 41.285/ 41.298	1.7705/ 1.7710 44.971/ 44.983	0.8800 22.35	0.0719 1.826

AUSTIN		AUSTIN						
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
ACL:4B2201 FMO:4-2965CP GLY:01-4313/4	CLE:CB- 488AL(4) GLA:B4302SA VAN:VPR572A							
CR441AM STD/010/020/030/040/050/060 <i>Without hole</i>	C4441	4 Pairs		1.7504/ 1.7509 44.460/ 44.473	1.8955/ 1.8960 48.146/ 48.158	0.8500 21.59	0.0718 1.824	
ACL:4B2206 FMO:4-65905RA GLY:01-4331/4	CLE:CB- 931AL(4) GLA:B4484SA VAN:VPR91306A							
CS 320BB								
CLE:SH- 85S GLY:N181/3	GLA:C3063S VAN:VPC989							
MB 313AM STD/010/020/030/040 <i>1983 - Upper halves - with oil hole and groove, lower halves - plain.</i>	M 328 M 313	3 Pairs		2.0005/ 2.0010 50.813/ 50.825	2.1460/ 2.1465 54.508/ 54.521	0.9850 25.02	0.0720 1.829	
CLE:MS-1600AL GLY:H1183/3	GLA:M3424SA VAN:VPM91886A							
MB 328AM STD/010/020/030/040/050/060 <i>All 8 halves - with oil hole and groove.</i>	M 328	3 Pairs		2.0005/ 2.0010 50.813/ 50.825	2.1460/ 2.1465 54.508/ 54.521	0.9850 25.02	0.0720 1.829	
ACL:3M2204 FMO:6117M GLY:H1187/3	CLE:MS- 913AL GLA:M3337SA VAN:VPM91120A							
TW 215CP	W 215/D W 215/E	2 Pairs		2.2150/ 2.2250 56.261/ 56.515	2.9950/ 3.0050 76.073/ 76.327	0.0000 0.00	0.0930 2.362	
ACL:2T2204 FMO:2966BFA GLY:A006/4	CLE:TW- 168S GLA:W2136L VAN:VPW41							
6	1.5 L Diesel		1489 cc	73.01 X 88.90	4 cyl	A60 Cambridge, J2M16 JU250, 1.5 Litre	6	
	B SERIES		1489 cc	73.03 X 88.88	4 cyl	10 cwt.Van,J4 10/15 cwt, 152 Series Omnivan, Omnitruck,, A50 Cambridge, A55 Cambridge, Metropolitan 1500		
	B SERIES		1622 cc	76.19 X 89.00	4 cyl	A60 Cambridge, J2 J4, J250 10-18 cwt.		
CR 420AM STD/010/020/030/040/060	C 420	4 Pairs		1.8759/ 1.8764 47.648/ 47.661	2.0210/ 2.0215 51.333/ 51.346	1.0050 25.53	0.0720 1.829	
ACL:4B1891 FMO:4-2055CP GLY:71-4254/4	CLE:CB- 487AL(4) GLA:B4357SA VAN:VPR245							
CR4490AM STD/010/040 <i>1.5 liter 1966-</i>	C4490	4 Pairs		2.0005/ 2.0010 50.813/ 50.825	2.1460/ 2.1465 54.508/ 54.521	0.9730 24.71	0.0720 1.829	
GLA:B4402SA VAN:VPR91017								
CS 304BB								
CLE:SH- 481S FMO:1307M GLY:N160/3	DUR:DA-2 GLA:C3023S VAN:VPC908							
MB 347AM STD/010/020/030/040/060	M 347	3 Pairs		2.0005/ 2.0010 50.813/ 50.825	2.1460/ 2.1465 54.508/ 54.521	1.2250 31.12	0.0720 1.829	
ACL:3M2215 FMO:6704M GLY:H1140/3 OEM:1223113200	CLE:MS-1055AL GLA:M3297SA NDC:MS-1034 VAN:VPM817							
7	E SERIES O.H.C		1485 cc	76.20 X 81.28	4 cyl	Allegro 1500, Maxi 1500	7	
	R SERIES O.H.C		1598 cc	76.20 X 87.60	4 cyl	Maestro 1.6 L,HLS, Vandenplas		
	S SERIES O.H.C.		1598 cc	76.20 X 87.60	4 cyl	Maestro L,HL,HLS, Montego L,HL,HLS,SL,Mayfair		
	E SERIES O.H.C		1748 cc	76.20 X 95.76	4 cyl	Allegro 1750HL, Allegro 3 1.7L,HL,HLS, Maxi 1750, Maxi 1750 HL,HLS, Maxi 2 1750L,HL,HLS		
CR4011AM STD/010/020/030/040/060	C4011	4 Pairs		1.8759/ 1.8764 47.648/ 47.661	2.0210/ 2.0215 51.333/ 51.346	0.6650 16.89	0.0718 1.824	
CLE:CB-1010AL(4) VAN:VPR91427A	GLA:B4500SA							
MB5552AM STD/010/020/030/040	M5552/1	4 Pairs	1-2-3-5	2.2515/ 2.2520 57.188/ 57.201	2.3950/ 2.3955 60.833/ 60.846	0.8210 20.85	0.0710 1.803	
CLE:MS-1360AL VAN:VPM91517A	GLA:M5309SA			2.2515/ 2.2520	2.3950/ 2.3955	0.8210	0.0700	

AUSTIN				AUSTIN			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
	M5552/4	1 Pair	4	57.188/ 57.201	60.833/ 60.846	20.85	1.778
TW 233AM GLA:W2228SA VAN:VPW95044							
8	B SERIES 2955/2953			1798 cc 80.25 X 88.90 4 cyl		1800 Mk I,II,III, 1800s Mk II,III, Princess 1800, 1800 HL	8
CR4403AM STD/010/020/030/040/060 ACL:4B2250 CLE:CB- 792P (4) FMO:4-65385CP GLA:B4512LC GLY:71-4336/4 VAN:VPR91173	C4403	4 Pairs		1.8759/ 1.8764 47.648/ 47.661	2.0210/ 2.0215 51.333/ 51.346	0.7850 19.94	0.0719 1.826
CR4403CP STD/010/020							
CS 304BB CLE:SH- 481S DUR:DA-2 FMO:1307M GLA:C3023S GLY:N160/3 VAN:VPC908							
MB 520AM STD/010/020/030/040/060 ACL:5M2255 CLE:MS- 914AL FMO:6033M GLA:M5207SA GLY:H1144/5 VAN:VPM91166	M 520/1	3 Pairs	1-3-5	2.1265/ 2.1270 54.013/ 54.026	2.2710/ 2.2715 57.683/ 57.696	1.1300 28.70	0.0715 1.816
	M 520/2	2 Pairs	2-4	2.1265/ 2.1270 54.013/ 54.026	2.2710/ 2.2715 57.683/ 57.696	0.7700 19.56	0.0715 1.816
TW 216AM .25 ACL:2T2252 CLE:TW- 144S FMO:65077BF GLA:W2115SA GLY:A233/4 VAN:VPW77	W 216D W 216E	2 Pairs		2.3400/ 2.3500 59.436/ 59.690	2.9330/ 2.9430 74.498/ 74.752	0.0000 0.00	0.0930 2.362
9	O SERIES O.H.C			1695 cc 84.44 X 75.80 4 cyl		Ambassador 1.7L,HL, Princess 1700L,HL,HLS	9
	O SERIES O.H.C. Carb/Fuel Injec			1994 cc 84.44 X 89.00 4 cyl		Ambassador 2.OHL,HLS Vanden, Montego 2.0 HL, HLS, Montego 2.0 Si,GTi,GSi, Montego 2.0 Vanden Plas, Princess 2000 HL,HLS, Vanden Plas EFI	
	O SERIES O.H.C			1994 cc 84.44 X 89.00 4 cyl		Montego 2.0 Turbo	
CR4064AM STD/010/020 CLE:CB-1345AL (4) GLA:B4584SA GLY:4-8180RA VAN:VPR91772A	C4064	4 Pairs		1.8759/ 1.8764 47.648/ 47.661	2.0210/ 2.0215 51.333/ 51.346	0.7850 19.94	0.0716 1.819
CR4064CP For Turbo engines							
MB5594AM STD/010/020/030 CLE:MS-1655AL GLA:M5361SA GLY:H1150/5 VAN:VPM91773A	M5594/1	3 Pairs	1-3-5	2.1265/ 2.1270 54.013/ 54.026	2.2710/ 2.2715 57.683/ 57.696	1.1300 28.70	0.0716 1.819
	M5594/2	2 Pairs	2-4	2.1265/ 2.1270 54.013/ 54.026	2.2710/ 2.2715 57.683/ 57.696	0.7701 19.56	0.0716 1.819
TW 216AM .25 ACL:2T2252 CLE:TW- 144S FMO:65077BF GLA:W2115SA GLY:A233/4 VAN:VPW77	W 216D W 216E	2 Pairs		2.3400/ 2.3500 59.436/ 59.690	2.9330/ 2.9430 74.498/ 74.752	0.0000 0.00	0.0930 2.362
10	PRIMA 65 Diesel			1994 cc 84.44 X 89.00 4 cyl		Maestreo Clubman,DLX, Maestro 2.0D,500-700,City L	10
	PRIMA 80T D Diesel Turbocharged			1994 cc 84.44 X 89.00 4 cyl		DSL Turbo, Montego 2.0DL	
CR4025AM STD./3./5./8 FMO:4-1640CP GLA:B4685LC GLY:71-4353/4 VAN:VPR92127LC	C4025	4 Pairs		2.1256/ 2.1264 53.990/ 54.011	2.2710/ 2.2715 57.683/ 57.696	0.8000 20.32	0.0718 1.824
MB5561AM STD./3./5./8 FMO:7083M GLA:M5476SA GLY:H1158/5 VAN:VPM92128A	M5561/1U M5561/1L	4 Pairs	1-2-4-5	2.2437/ 2.2445 56.990/ 57.010	2.3899/ 2.3905 60.703/ 60.719	0.8900 22.61	0.0722 1.834
	M5561/3U M5561/3L	1 Pair	3	2.2437/ 2.2445 56.990/ 57.010	2.3899/ 2.3905 60.703/ 60.719	0.9650 24.51	0.0722 1.834

AUSTIN				AUSTIN			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
11	22 UA DIESEL	2178 cc	82.55 X 101.60	4 cyl	Taxicab FX3D,FX4,LD-M20,ID-M30		11
CR4491AM GLA:B4253SA VAN:VPR739	C4491	4 Pairs		2.2480/ 2.2485 57.099/ 57.112	2.3950/ 2.3955 60.833/ 60.846	1.0050 25.53	0.0723 1.836
MB3322AM GLA:M3202SA	M3323/1	2 Pairs	1-2	2.4780/ 2.4785 62.941/ 62.954	2.6250/ 2.6255 66.675/ 66.688	1.6250 41.28	0.0720 1.829
	M3323/3	1 Pair	3	2.4780/ 2.4785 62.941/ 62.954	2.6250/ 2.6255 66.675/ 66.688	1.8750 47.63	0.0720 1.829
12	EA SERIES 25U	2520 cc	84.94 X 111.18	4 cyl			12
MB3323AM GLA:M3368SA VAN:VPM91560A	M3323/1	1 Pair	1	2.4780/ 2.4785 62.941/ 62.954	2.6250/ 2.6255 66.675/ 66.688	1.6250 41.28	0.0724 1.839
	M3323/2	1 Pair	2	2.4780/ 2.4785 62.941/ 62.954	2.6250/ 2.6255 66.675/ 66.688	1.4370 36.50	0.0724 1.839
	M3323/3	1 Pair	3	2.4780/ 2.4785 62.941/ 62.954	2.6250/ 2.6255 66.675/ 66.688	1.8750 47.63	0.0724 1.839
13	EA SERIES Diesel	2520 cc	88.90 X 101.50	4 cyl	Metropolitan Taxi		13
CR4491AM GLA:B4253SA VAN:VPR739	C4491	4 Pairs		2.2480/ 2.2485 57.099/ 57.112	2.3950/ 2.3955 60.833/ 60.846	1.0050 25.53	0.0723 1.836
MB3323AM GLA:M3368SA VAN:VPM91560A	M3323/1	1 Pair	1	2.4780/ 2.4785 62.941/ 62.954	2.6250/ 2.6255 66.675/ 66.688	1.6250 41.28	0.0724 1.839
	M3323/2	1 Pair	2	2.4780/ 2.4785 62.941/ 62.954	2.6250/ 2.6255 66.675/ 66.688	1.4370 36.50	0.0724 1.839
	M3323/3	1 Pair	3	2.4780/ 2.4785 62.941/ 62.954	2.6250/ 2.6255 66.675/ 66.688	1.8750 47.63	0.0724 1.839
14	C TYPE C26M	2639 cc	79.38 X 88.90	6 cyl	A95 Westminster, A105, Healey 100/6		14
	WA	2912 cc	83.33 X 89.00	6 cyl	A110 Westminster, A99 Westminster		
	C SERIES	2912 cc	83.33 X 89.00	6 cyl	Healey 3000		
CR6631CP ACL:6B2281 GLA:B6256LC VAN:VPR695LC	C6631	6 Pairs		2.0000/ 2.0005 50.800/ 50.813	2.1140/ 2.1145 53.696/ 53.708	1.1300 28.70	0.0562 1.427
MB 460CP ACL:4M2282 GLA:M4161LC VAN:VPM771LC	M 460	4 Pairs		2.3742/ 2.3747 60.305/ 60.317	2.5210/ 2.5215 64.033/ 64.046	1.5050 38.23	0.0723 1.836
15	C SERIES	2912 cc	83.33 X 88.90	6 cyl	3 Litre Saloon		15
CR6626AM GLA:B6445SA	C6626	6 Pairs		2.0000/ 2.0005 50.800/ 50.813	2.1140/ 2.1145 53.696/ 53.708	0.9020 22.91	0.0563 1.430
MB 789AM GLA:M7289SA	M 789/1	5 Pairs		2.3742/ 2.3747 60.305/ 60.317	2.5210/ 2.5215 64.033/ 64.046	0.9520 24.18	0.0728 1.849
	M 789/4	2 Pairs		2.3742/ 2.3747 60.305/ 60.317	2.5210/ 2.5215 64.033/ 64.046	1.0700 27.18	0.0728 1.849
16	A125,A135	1949-1959		0 cyl	Princess, Sheerline		16
	DA1,DH1-5	1949-1959		0 cyl	Princess, Sheerline		
	DM1-5,DS5	1949-1959		0 cyl			
	40E,40K	1949-1959	3993 cc	87.30 X 111.00	6 cyl		
CR6620AM GLA:B6170SA VAN:VPR240	C6620	6 Pairs		2.1248/ 2.1252 53.970/ 53.980	2.2382/ 2.2387 56.850/ 56.863	1.2360 31.39	0.0560 1.422
MB 457AM GLA:M4152M VAN:VPM242							

Engine Index: AUTO BIANCHI

Engine-Code	Years	Cyl	CC	Line
100GB-146A		4	903	1
100GBC/GBS/GF		4	903	2
A112B1.054		4	965	2
58 HP		4	982	3
157A2.000 Fire		4	999	5
70 HP		4	1048	3

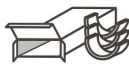




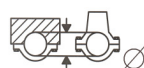


Engine-Code	Years	Cyl	CC	Line
156A/156A1.000		4	1049	4
160A3.000		4	1108	5
124A/B/BL/FA.00		4	1197	6
124AC/AC3/AZ2		4	1438	6

Car Model Index: AUTO BIANCHI

Model	Engine	Years	Cyl	CC	Line
A 112 Abarth/58HP	58 HP	1971-75	4	982	3
A 112 Abarth/70 HP	70 HP	1975-85	4	1048	3
A 112 Elegant	A112B1.054	1978-85	4	965	2
A 112 Elite	A112B1.054	1979-85	4	965	2
A 112 Junior	A112B1.054	1979-83	4	965	2
A111	124AC/AC3/AZ2	1968-74	4	1438	6
A112 I Series	100GB-146A	1969-71	4	903	1
A112 II Series	100GBC/GBS/GF	1971-	4	903	2
Primula 65C	124A/B/BL/FA.00	1966-74	4	1197	6

Model	Engine	Years	Cyl	CC	Line
Y 10 Fire 1.0	157A2.000 Fire	1985-	4	999	5
Y 10 Fire 1.1 ie 4WD	160A3.000	1989-	4	1108	5
Y 10 Fire 1.1 ie LX	160A3.000	1989-	4	1108	5
Y 10 Fire 4WD	157A2.000 Fire	1986-	4	999	5
Y 10 Fire LX	157A2.000 Fire	1986-	4	999	5
Y 10 Touring	156A/156A1.000	1985-	4	1049	4
Y 10 Turbo	156A/156A1.000	1985-	4	1049	4

AUTO BIANCHI				AUTO BIANCHI			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	100GB-146A	903 cc	65.00 X 68.00	4 cyl	A112 I Series		1
CR 414AM STD/010/020/030/040/050 ACL: 4B2806 CLE: CB- 790AL (4) FMO: 4-3025RA GLA: B4462SA GLY: 01-4139/4 VAN: VPR91205A	C 414	4 Pairs		1.5743/ 1.5751 39.987/ 40.008	1.7188/ 1.7193 43.658/ 43.670	0.6520 16.56	0.0715 1.816
MB 324AM 030 <i>Under Development</i> 1969-71 ACL: 3M2805 CLE: MS-1406AL FMO: 6483M GLA: M3397SA GLY: H1174/3 VAN: VPM91156A	M 324/1*	1 Pair	1	1.9996/ 2.0003 50.790/ 50.808	2.1460/ 2.1465 54.508/ 54.521	0.7330 18.62	0.0724 1.839
	M 324/2*	1 Pair	2	1.9996/ 2.0003 50.790/ 50.808	2.1460/ 2.1465 54.508/ 54.521	0.8970 22.78	0.0720 1.829
	M 324/3*	1 Pair	3	1.9996/ 2.0003 50.790/ 50.808	2.1460/ 2.1465 54.508/ 54.521	0.8120 20.62	0.0723 1.836
TW 104AM <i>Under Development</i> FMO: 2897AF GLA: W2127SA GLY: A182/2 VAN: VPW34	W 104	1 Pair		2.1500/ 2.1600 54.610/ 54.864	2.7400/ 2.7500 69.596/ 69.850	0.0000 0.00	0.0920 2.337
2	100GBC/GBS/GF	903 cc	65.00 X 68.00	4 cyl	A112 II Series		2
	A112B1.054	965 cc	67.20 X 68.00	4 cyl	A 112 Elegant, A 112 Elite, A 112 Junior		
CR 414AM STD/010/020/030/040/050 ACL: 4B2806 CLE: CB- 790AL (4) FMO: 4-3025RA GLA: B4462SA GLY: 01-4139/4 VAN: VPR91205A	C 414	4 Pairs		1.5743/ 1.5751 39.987/ 40.008	1.7188/ 1.7193 43.658/ 43.670	0.6520 16.56	0.0715 1.816
MB3306AM STD/010/020/030/040/050/060 ACL: 3M2807 FMO: 6371M GLA: M3387SA GLY: H1039/3 VAN: VPM91360A	M3306/1U	2 Pairs	1-3	1.9996/ 2.0002 50.790/ 50.805	2.1460/ 2.1465 54.508/ 54.521	0.8120 20.62	0.0724 1.839
	M3306/2U	1 Pair	2	1.9996/ 2.0002 50.790/ 50.805	2.1460/ 2.1465 54.508/ 54.521	0.8970 22.78	0.0724 1.839

AUTO BIANCHI				AUTO BIANCHI				
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
TW 104AM <i>Under Development</i> FMO: 2897AF GLY: A182/2 GLA: W2127SA VAN: VWP34	W 104	1 Pair		2.1500/ 2.1600 54.610/ 54.864	2.7400/ 2.7500 69.596/ 69.850	0.0000 0.00	0.0920 2.337	
3	58 HP			982 cc	65.00 X 74.00	4 cyl	A 112 Abarth/58HP	3
	70 HP			1048 cc	67.20 X 74.00	4 cyl	A 112 Abarth/70 HP	
CR 414AM STD/010/020/030/040/050 ACL: 4B2806 FMO: 4-68090RA GLY: 01-4207/4 CLE: CB- 790AL (4) GLA: B4604SA VAN: VPR91734A	C 414	4 Pairs		1.5743/ 1.5751 39.987/ 40.008	1.7188/ 1.7193 43.658/ 43.670	0.6520 16.56	0.0715 1.816	
4	156A/156A1.000			1049 cc	76.00 X 57.80	4 cyl	Y 10 Touring, Y 10 Turbo	4
CR4483AM STD/010/020/030/040/050/060 FMO: 4-68090RA GLY: 01-4207/4 GLA: B4604SA VAN: VPR91734A	C4483	4 Pairs		1.7322/ 1.7326 43.998/ 44.008	1.8555/ 1.8560 47.130/ 47.142	0.7280 18.49	0.0607 1.542	
MB 593AM STD/010/020/030/040/050/060 FMO: 6B18M GLY: H1069/5 GLA: M5382SA VAN: VPM91735A	M 593/1	4 Pairs	1-2-4-5	1.8976/ 1.8979 48.199/ 48.207	2.0441/ 2.0446 51.920/ 51.933	0.6950 17.65	0.0724 1.839	
	M 593/3	1 Pair	3	1.8976/ 1.8979 48.199/ 48.207	2.0441/ 2.0446 51.920/ 51.933	0.9940 25.25	0.0724 1.839	
PB 201CP STD <i>Under Development</i> GLA: S4635L VAN: VPS96331 GLY: 62039Y	B 201	2 Bushes		0.8480/ 0.8520 21.539/ 21.641	0.9425/ 0.9438 23.940/ 23.973	0.9882 25.10	0.0476 1.209	
5	157A2.000 Fire			999 cc	70.00 X 64.90	4 cyl	Y 10 Fire 1.0, Y 10 Fire 4WD, Y 10 Fire LX	5
	160A3.000			1108 cc	70.00 X 72.00	4 cyl	Y 10 Fire 1.1 ie 4WD, Y 10 Fire 1.1 ie LX	
CR4122AM STD/010/020/030/040/050/060 FMO: 4-1015RA GLY: 01-4116/4 GLA: B4681SA VAN: VPR91984A	C4122	4 Pairs		1.4956/ 1.4964 37.988/ 38.009	1.6192/ 1.6197 41.128/ 41.140	0.7480 19.00	0.0610 1.549	
MB 134AM - 1992 <i>One half main bearing flange shell with STD length - position 3 upper.</i> O.D. 62.2mm								
MB 162AM 1992 - <i>One half main bearing flange shell with STD length - position 3 upper.</i> O.D. 66.2mm								
MB 180AM -1992 <i>One half main bearing flange shell with 0.254 mm (.010") oversize length - position 3 upper.</i> O.D. 62.2mm	F 180	1 Pair	3	1.7315/ 1.7323 43.980/ 44.000	1.8781/ 1.8787 47.704/ 47.719	0.9476 24.07	0.0725 1.842	
MB 181AM 1992 - <i>One half main bearing flange shell with 0.254 mm (.010") oversize length - position 3 upper.</i> O.D. 66.2mm	F 181	1 Pair	3	1.7315/ 1.7323 43.980/ 44.000	1.8781/ 1.8787 47.704/ 47.719	0.9476 24.07	0.0725 1.842	
MB5207AM STD/010/020/030/040 Use 1 set MB5250AM (9 half bearings) and 1 set MB 134AM - 1992 FMO: 6675M GLY: 6675M	M5207	4 Pairs	1-2-4-5	1.7315/ 1.7323 43.980/ 44.000	1.8781/ 1.8787 47.704/ 47.719	0.7480 19.00	0.0725 1.842	
	F5207 M5207	1 Pair	3	1.7315/ 1.7323 43.980/ 44.000	1.8781/ 1.8787 47.704/ 47.719	0.9378 23.82	0.0725 1.842	
MB5208AM STD/010/020/030/040 Use 1 set MB5250AM (9 half bearings) and 1 set MB 162AM 1992 -	M5207	4 Pairs	1-2-4-5	1.7315/ 1.7323 43.980/ 44.000	1.8781/ 1.8787 47.704/ 47.719	0.7480 19.00	0.0725 1.842	
	F5208	1 Pair	3	1.7315/ 1.7323	1.8781/ 1.8787	0.9378	0.0725	

AUTO BIANCHI				AUTO BIANCHI			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
MB5250AM CLE:MS-1943AL GLY:H1067/5 VAN:VPM92744A	M5207	4 Pairs	1-2-4-5	43.980/ 44.000	47.704/ 47.719	23.82	1.842
	M5207	1	3	1.7315/ 1.7323 43.980/ 44.000	1.8781/ 1.8787 47.704/ 47.719	0.7480 19.00	0.0725 1.842
	* upper hlf/ M5207	1		1.7315/ 1.7323 43.980/ 44.000	1.8781/ 1.8787 47.704/ 47.719	0.9378 23.82	0.0725 1.842
6	124A/B/BL/FA.00	1197 cc	73.00 X 71.50	4 cyl	Primula 65C		6
	124AC/AC3/AZ2	1438 cc	80.00 X 71.50	4 cyl	A111		
CR4099AM STD/005/010/020/030/040/050/060 With three 2.0 mm oil holes: - two symmetrical holes at 16 degrees from the center line (or crown) - one center hole ACL:4B1441 CLE:CB-1332AL (4) FMO:4-60985RA GLA:B46005A GLY:01-4127/4 VAN:VPR92187A	C4099	4 Pairs		1.7916/ 1.7924 45.507/ 45.527	1.9145/ 1.9152 48.628/ 48.646	0.7560 19.20	0.0607 1.542
MB5549AM STD/010/020/030/040/050/060 ACL:5M1442 CLE:MS-1476AL FMO:6565M GLA:M5387SA GLY:H1028/5 VAN:VPM91931A	M5549/1	4 Pairs	1-2-4-5	1.9990/ 1.9998 50.775/ 50.795	2.1459/ 2.1465 54.506/ 54.521	0.7970 20.24	0.0724 1.839
	M5549/3	1 Pair	3	1.9990/ 1.9998 50.775/ 50.795	2.1459/ 2.1465 54.506/ 54.521	0.8960 22.76	0.0724 1.839
TW 105AM STD Without inside lugs. CLE:TW- 177S FMO:60987AF GLA:W2164SA GLY:A197/2 VAN:VPM21	W 105	1 Pair		2.2280/ 2.2380 56.591/ 56.845	2.7400/ 2.7500 69.596/ 69.850	0.0000 0.00	0.0920 2.337
TW1009AM STD With inside lugs. FMO:60987AFA GLY:A198/2	W1009	1 Pair		2.2287/ 2.2387 56.609/ 56.863	2.7400/ 2.7500 69.596/ 69.850	0.0000 0.00	0.0930 2.362

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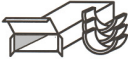




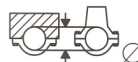


Engine-Code	Years	Cyl	CC	Line
		0	0	6
		0	0	7
		0	0	7
		0	0	7
		0	0	1
		0	0	1
		0	0	1
		0	0	1
		0	0	1
		0	0	1
M10 B15 L4 91CI /1.5Liter, CIH,	10/1962-	4	1500	4
M40 B16 L4 97CI /1.6Liter,	09/1982-	4	1596	2
M43 B16 L4 97CI /1.6Liter,	09/1990-	4	1596	2
M41 D18 102CI, 1.7LTR,	09/1990-	4	1665	1
M10 B18 L4 108CI /1.8Liter,	-	4	1773	4
M40 B18 L4 110CI /1.8Liter,	09/1982-	4	1796	2
M43 B18 L4 110CI /1.8Liter,	12/1987-	4	1796	2
M43 B19 L4 116CI /1.9Liter,	03/1994-	4	1895	2
M44 B19 L4 116CI /1.9Liter,	09/1990-	4	1895	2
M47 D20 L4 119CI /2.0Liter,	11/1995-	4	1951	3
M20 B20 121CI, 2.0LTR, CIH, 12	08/1972-	6	1990	6
M52 B20, M50 B20 121CI,	12/1987-	6	1990	6
M10 B20 (Turbo) L4 121CI	04/1966-	4	1990	4
M10 B20 L4 121CI /2.0Liter, CIH,	10/1962-	4	1991	4
N42 B20 122CI, 2.0LTR, DOHC,	02/1998-	4	1995	5
N46 B20 122CI, 2.0LTR, DOHC,	07/2003-	4	1995	5

Engine-Code	Years	Cyl	CC	Line
M20 B23 141CI, 2.3LTR, CIH, 12	06/1975-	6	2315	6
M20 B25 152CI, 2.5LTR, CIH, 12	09/1982-	6	2494	6
M50 B25 152CI, 2.5LTR, DOHC,	12/1987-	6	2494	6
M52 B25 152CI, 2.5LTR, DOHC,	12/1987-	6	2494	6
M30 B25 152CI, 2.5LTR, CIH, 12	10/1965-	6	2496	7
M20 B27 164CI, 2.7LTR, CIH, 12	06/1980-	6	2694	6
M30 B28 170CI, 2.8LTR, CIH, 12	10/1965-	6	2788	7
M52 B28 170CI, 2.8LTR, DOHC,	09/1990-	6	2793	6
M30 B30 182CI, 3.0LTR, CIH, 12	04/1976-	6	2987	7
M60 B30 V8 183CI /3.0Liter,	09/1986-	8	2997	9
M30 B32 196CI, 3.2LTR, CIH, 12	04/1976-	6	3210	7
M30 B32 (Turbo) 196CI, 3.2LTR,	05/1977-	6	3210	7
M30 B33 201CI, 3.3LTR, CIH, 12	10/1968-	6	3297	7
M30 B35 3.4LTR, CIH, 12	04/1976-	6	3431	7
M30 B35 (L-Jetronic) 211CI,	04/1976-	6	3453	7
M62 B35 V8 213CI /3.5Liter,	10/1994-	8	3498	9
M67 D39 V8 238CI /3.9Liter,	10/1994-	8	3901	8
M60 B40 L8 243CI /4.0Liter,	09/1986-	8	3982	9
M62 B44 V8 268CI /4.4Liter,	04/1990-	8	4398	9
M70 B50 V12 304CI /5.0Liter,	09/1986-	12	4988	11
M73 B54 V12 328CI /5.4Liter,	04/1990-	12	5379	10
M70 B56 V12 340CI /5.6Liter,	04/1990-	12	5576	11

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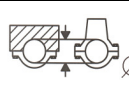


Model	Engine	Years	Cyl	CC	Line
1 Series 118i 2.0 16V	N42 B20 122CI,	09/2004-	4	1995	5
1500	M10 B15 L4 91CI	1961-65	4	1500	4
1502,1600,1602,1800,1	M10 B18 L4 108CI		4	1773	4
2000,2002,320,520	M10 B20 L4 121CI		4	1991	4
2500, 525	M30 B25 152CI,	1968-	6	2496	7
2800, 528, 628, 728	M30 B28 170CI,	1968-	6	2788	7
3 (E46) 318i / Ci	N42 B20 122CI,	09/2001-	4	1995	5
3 (E90) 320i	N46 B20 122CI,	01/2005-	4	1995	5
3 320 D	M47 D20 L4 119CI	4/1998-	4	1951	3
3 COMPACT (E46)	N42 B20 122CI,	09/2001-	4	1995	5
3 Coupe (E46) 318Ci	N42 B20 122CI,	09/2001-	4	1995	5
3 Series 318i 2.0 16V	N42 B20 122CI,	09/2001-	4	1995	5
3 Touring (E46) 318Ci	N42 B20 122CI,	09/2001-	4	1995	5
3 Touring (E91) 320i	N42 B20 122CI,	01/2005-	4	1995	5
3 Touring 320 D	M47 D20 L4 119CI	03/2000-	4	1951	3
3.0 CSL	M30 B32 196CI,	1971-	6	3210	7
3.0, 630, 730	M30 B30 182CI,	1971-	6	2987	7
3.3 All Models	M30 B33 201CI,	1973-82	6	3297	7
315,316,318,518	M10 B18 L4 108CI		4	1773	4
316	M40 B16 L4 97CI	1988-	4	1596	2
316, 318, Z3 Roadster	M44 B19 L4 116CI	1996-	4	1895	2
318 TDS	M41 D18 102CI,		4	1665	1
318 TDS	M41 D18 102CI,		4	1665	1

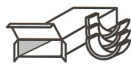




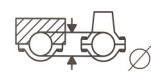


Model	Engine	Years	Cyl	CC	Line
318, 518	M40 B18 L4 110CI	1988-	4	1796	2
320	M52 B20, M50 B20	1977-82	6	1990	6
323	M20 B23 141CI,	1977-86	6	2315	6
323, 325	M20 B25 152CI,	1983-	6	2494	6
325, 525	M20 B27 164CI,		6	2694	6
328, 528, 728	M52 B28 170CI,		6	2793	6
5 520 D, 5 Touring 520	M47 D20 L4 119CI	02/2000-	4	1951	3
520	M52 B20, M50 B20	1977-82	6	1990	6
523	M52 B25 152CI,		6	2494	6
530, 730	M60 B30 V8 183CI		8	2997	9
535, 635, 735	M30 B35(L-	1977-	6	3453	7
535, 735	M62 B35 V8 213CI		8	3498	9
540, 740, 840	M60 B40 L8 243CI		8	3982	9
540, 740, 840	M62 B44 V8 268CI		8	4398	9
633, 732, 733, 745	M30 B32 (Turbo)	1976-86	6	3210	7
740	M67 D39 V8 238CI		8	3901	8
750, 850	M70 B50 V12		12	4988	11
750, 850	M73 B54 V12		12	5379	10
850	M70 B56 V12		12	5576	11
Z3 Coupe/Roadster	M52 B28 170CI,		6	2793	6
Z3 Roadster	M40 B18 L4 110CI	1996-	4	1796	2
Z4 (E85) 2.0i	N46 B20 122CI,	04/2005-	4	1995	5

B.M.W				B.M.W			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1				0 cyl			1
				0 cyl			
				0 cyl			
				0 cyl			
				0 cyl			
	M41 D18 102CI, 1.7LTR, SOHC/OHC, 8 Valves, L, Diesel (DI), aspiration: TC,		09/1990-08/2000	1665 cc	80.00 X 82.80	4 cyl	318 TDS, 318 TDS Compact/Touring (E36)
MB5082AM STD/.25/.5 Flange length: STD - 24.94 mm (FI STD) 0.25 - 25.14 (FI oversize 0.2mm) 0.5 - 25.34 (FI oversize 0.4mm) 0.75 - 25.54 (FI oversize 0.6mm) 1.0 - 25.74 (FI oversize 0.8mm) GLY:H 023/5 K.S:77 278 600 VAN:VPM05021	M7016U M5578L F7016U F7039L	4 Pairs 1 Pair		2.3611/ 2.3618 59.972/ 59.990 2.3611/ 2.3618 59.972/ 59.990	2.5591/ 2.5598 65.001/ 65.019 2.5591/ 2.5598 65.001/ 65.019	0.7874 20.00 0.9819 24.94	0.0980 2.489 0.0980 2.489
2	M40 B16 L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline		09/1982-02/1998	1596 cc	84.00 X 72.00	4 cyl	316
	M43 B16 L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline		09/1990-04/2005	1596 cc	84.00 X 72.00	4 cyl	
	M40 B18 L4 110CI /1.8Liter, SOHC/OHC, 8 Valves, Gasoline		09/1982-02/1998	1796 cc	84.00 X 81.00	4 cyl	318, 518, Z3 Roadster
	M43 B18 L4 110CI /1.8Liter, SOHC/OHC, 8 Valves, Gasoline		12/1987-01/2003	1796 cc	84.00 X 81.00	4 cyl	

CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

B.M.W				B.M.W				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
M44 B19 L4 116CI /1.9Liter, DOHC, 16 Valves, Gasoline	09/1990-01/2003	1895 cc	85.00 X 83.50	4 cyl	316, 318, Z3 Roadster			
M43 B19 L4 116CI /1.9Liter, SOHC/OHC, 8 Valves, Gasoline	03/1994-04/2005	1895 cc	85.00 X 83.50	4 cyl				
CR4042AM STD/.25/.5/.75/1.0 GLA:B4747LB GLY:71-3419/4 K.S:87 227 600 VAN:VPR92600	C4042	4 Pairs		1.7706/ 1.7713 44.973/ 44.991	1.8898/ 1.8904 48.001/ 48.016	0.7087 18.00	0.0588 1.494	
MB5578AM STD/.25/.5/.75/1.0 <i>Upper shells are full grooved, lower shells are partial grooved. Included one flanged half shell (on housing side).</i> Flange length: STD - 24.94 mm (FI STD) 0.25 - 25.14 (FI oversize 0.2mm) 0.5 - 25.34 (FI oversize 0.4mm) 0.75 - 25.54 (FI oversize 0.6mm) 1.0 - 25.74 (FI oversize 0.8mm) GLA:M5490SA GLY:H 007/5 K.S:87 368 600 VAN:VPM92527A	M7016U M5578L	4 Pairs		2.3611/ 2.3618 59.972/ 59.990	2.5591/ 2.5598 65.001/ 65.019	0.7874 20.00	0.0980 2.489	
	F7016U M5578L	1 Pair		2.3611/ 2.3618 59.972/ 59.990	2.5591/ 2.5598 65.001/ 65.019	0.9819 24.94	0.0980 2.489	
3 M47 D20 L4 119CI /2.0Liter, DOHC, 16 Valves, Diesel Turbocharge	11/1995-04/2005	1951 cc	84.00 X 88.00	4 cyl	3 320 D, 3 Touring 320 D, 5 520 D, 5 Touring 520 D		3	
MB5082AM STD/.25/.5 Flange length: STD - 24.94 mm (FI STD) 0.25 - 25.14 (FI oversize 0.2mm) 0.5 - 25.34 (FI oversize 0.4mm) 0.75 - 25.54 (FI oversize 0.6mm) 1.0 - 25.74 (FI oversize 0.8mm) GLY:H 023/5 K.S:77 278 600 VAN:VPM05021	M7016U M5578L	4 Pairs		2.3611/ 2.3618 59.972/ 59.990	2.5591/ 2.5598 65.001/ 65.019	0.7874 20.00	0.0980 2.489	
	F7016U F7039L	1 Pair		2.3611/ 2.3618 59.972/ 59.990	2.5591/ 2.5598 65.001/ 65.019	0.9819 24.94	0.0980 2.489	
4 M10 B15 L4 91CI /1.5Liter, CIH, 8 Valves, Gasoline	10/1962-11/1972	1500 cc	82.00 X 71.00	4 cyl	1500		4	
	-	1773 cc	84.00 X 80.00	4 cyl	1502,1600,1602,1800,1802, 315,316,318,518			
	04/1966-07/1977	1990 cc	89.00 X 80.00	4 cyl				
	10/1962-03/1984	1991 cc	89.00 X 80.00	4 cyl	2000,2002,320,520			
CR4264CP <i>Under Development</i> Special application for high-efficiency engines GLA:B4741 GLY:71-2839/4 VAN:VPR92145	C4264*	4 Pairs		1.8886/ 1.8894 47.970/ 47.991	2.0472/ 2.0476 51.999/ 52.009	0.7874 20.00	0.0776 1.971	
CR4439AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:4B1486 CLE:CB- 809AL (4) FMO:4-65545CP GLA:B4468SA GLY:71-2182/4 K.S:87 801 600 VAN:VPR91034	C4439	4 Pairs		1.8888/ 1.8894 47.976/ 47.991	2.0472/ 2.0476 51.999/ 52.009	0.7870 19.99	0.0785 1.994	
MB 544AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:5M1487 CLE:MS- 926AL FMO:7026M GLA:M5511SA GLY:H 629/5 K.S:87 800 600 VAN:VPM91035	M 544	4 Pairs	1-2-4-5	2.1642/ 2.1650 54.971/ 54.991	2.3622/ 2.3630 60.000/ 60.020	0.9450 24.00	0.0980 2.489	
	F 544	1 Pair	3	2.1642/ 2.1650 54.971/ 54.991	2.3622/ 2.3630 60.000/ 60.020	1.1790 29.95	0.0980 2.489	
5 N42 B20 122CI, 2.0LTR, DOHC, 16 Valves, L, Gasoline (Carburettor),	02/1998-	1995 cc	84.00 X 90.00	4 cyl	1 Series 118i 2.0 16V, 3 (E46) 318i / Ci, 3 COMPACT (E46) 318ti, 3 Coupe (E46) 318Ci, 3 Series 318i 2.0 16V, 3 Touring (E46) 318Ci, 3 Touring (E91) 320i		5	
	07/2003-	1995 cc	84.00 X 90.00	4 cyl	3 (E90) 320i, Z4 (E85) 2.0i			
CR4528CA STD/.25/.5/.75/1.0	C4528U	4 Pairs		1.9675/ 1.9681	2.1102/ 2.1109	0.6909	0.0705	

B.M.W				B.M.W			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
GLY:71-4064/4 OEM:7 536 769	C4528L			49.975/ 49.990	53.599/ 53.617	17.55	1.791
MB5662AM STD/.25/.5 OEM:11217515379	M5662/1U M5662/1L	3 Pairs	1-3	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.0000 0.000
	F5662 M5662/1L	1 Pair	4	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.0000 0.000
	M5662/2U M5662/2L	1 Pair	5	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.0000 0.000
6				0 cyl			6
	M52 B20, M50 B20 121CI, 2.0LTR, DOHC, 24 Valves, L, Gasoline (Carburettor), aspiration: N,	12/1987-04/2005	1990 cc	80.00 X 66.00	6 cyl	320, 520	
	M20 B20 121CI, 2.0LTR, CIH, 12 Valves, L, Gasoline (Carburettor), aspiration: N,	08/1972-11/1995	1990 cc	80.00 X 66.00	6 cyl		
	M20 B23 141CI, 2.3LTR, CIH, 12 Valves, L, Diesel (Carburettor), aspiration: N,	06/1975-03/1992	2315 cc	80.00 X 76.76	6 cyl	323	
	M20 B25 152CI, 2.5LTR, CIH, 12 Valves, L, Gasoline (Carburettor), aspiration: N,	09/1982-11/1995	2494 cc	84.00 X 75.00	6 cyl	323, 325	
	M52 B25 152CI, 2.5LTR, DOHC, 24 Valves, L, Gasoline (Carburettor), aspiration: N,	12/1987-04/2005	2494 cc	84.00 X 75.00	6 cyl	523	
	M50 B25 152CI, 2.5LTR, DOHC, 24 Valves, L, Gasoline (EFI), aspiration: N,	12/1987-04/1999	2494 cc	84.00 X 75.00	6 cyl		
	M20 B27 164CI, 2.7LTR, CIH, 12 Valves, L, Gasoline (Carburettor), aspiration: N,	06/1980-03/1992	2694 cc	84.00 X 81.00	6 cyl	325, 525	
	M52 B28 170CI, 2.8LTR, DOHC, 24 Valves, L, Gasoline (EFI), aspiration: N,	09/1990-04/2005	2793 cc	84.00 X 84.00	6 cyl	328, 528, 728, Z3 Coupe/Roadster	
CR6640AM STD/.25/.5/.75/1.0 ACL:6B1490 FMO:6-1390CP GLA:B6609SA GLY:71-3419/6~							
CR6640CP STD/.25 GLA:B6609LB GLY:71-3419/6 K.S:87 490 600 VAN:VPR91798	C4042	6 Pairs		1.7706/ 1.7713 44.973/ 44.991	1.8898/ 1.8904 48.001/ 48.016	0.7087 18.00	0.0588 1.494
MB 798CP .25/.5 All shells are full grooved Flange length: STD - 24.94 mm (FI STD) 0.25 - 25.14 (FI oversize 0.2mm) 0.5 - 25.34 (FI oversize 0.4mm) 0.75 - 25.34 (FI oversize 0.4mm) 1.0 - 25.54 (FI oversize 0.6mm) GLY:H 948/7 K.S:87 491 601 VAN:VPM91799	M7016U F7016U	6 Pairs 1 Pair	1-3, 5-7 4	2.3614/ 2.3618 59.980/ 59.990 2.3614/ 2.3618 59.980/ 59.990	2.5590/ 2.5598 64.999/ 65.019 2.5590/ 2.5598 64.999/ 65.019	0.7870 19.99 0.9820 24.94	0.0980 2.489 0.0980 2.489
MB7039AM STD/.25/.5/.75 Upper shells are full grooved, lower shells are partial grooved. Included two flanged half shells. Flange length: STD - 24.94 mm (FI STD) 0.25 - 25.14 (FI oversize 0.2mm) 0.5 - 25.34 (FI oversize 0.4mm) 0.75 - 25.54 (FI oversize 0.6mm) 1.0 - 25.74 (FI oversize 0.8mm) CLE:MS-1827AL FMO:7027M GLA:M7468A GLY:H 023/7 K.S:87 369 600 VAN:VPM92602A	M7016U M5578L F7016U F7039L	6 Pairs 1 Pair	1-3,5-7 4	2.3611/ 2.3618 59.972/ 59.990 2.3611/ 2.3618 59.972/ 59.990	2.5591/ 2.5598 65.001/ 65.019 2.5591/ 2.5598 65.001/ 65.019	0.7874 20.00 0.9819 24.94	0.0980 2.489 0.0980 2.489
MB7720AM STD/.25/.5/.75/1.0 Upper shells are full grooved, lower shells are	M7016U M5578L	6 Pairs	1-3,5-7	2.3611/ 2.3618 59.972/ 59.990	2.5591/ 2.5598 65.001/ 65.019	0.7874 20.00	0.0980 2.489

B.M.W				B.M.W				
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
<p><i>partial grooved.</i> <i>Included one flanged half shell (on housing side).</i> Flange length: STD - 24.94 mm (FI STD) 0.25 - 25.14 (FI oversize 0.2mm) 0.5 - 25.34 (FI oversize 0.4mm) 0.75 - 25.54 (FI oversize 0.6mm) 1.0 - 25.74 (FI oversize 0.8mm) GLA:M7467SA GLY:H 007/7 K.S:87 705 600 VAN:VPM92601A</p>								
7					0 cyl		7	
					0 cyl			
					0 cyl			
	M30 B25 152CI, 2.5LTR, CIH, 12 Valves, L, Diesel (Carburettor), aspiration: N,	10/1965-08/1981	2496 cc	86.00 X 71.56	6 cyl	2500, 525		
	M30 B28 170CI, 2.8LTR, CIH, 12 Valves, L, Gasoline (Carburettor), aspiration: N,	10/1965-09/1990	2788 cc	86.00 X 80.00	6 cyl	2800, 528, 628, 728		
	M30 B30 182CI, 3.0LTR, CIH, 12 Valves, L, Gasoline (Carburettor), aspiration: N,	04/1976-11/1995	2987 cc	89.00 X 80.00	6 cyl	3.0, 630, 730		
	M30 B32 196CI, 3.2LTR, CIH, 12 Valves, L, Gasoline (Carburettor), aspiration: N,	04/1976-09/1990	3210 cc	89.00 X 86.00	6 cyl	3.0 CSL		
	M30 B32 (Turbo) 196CI, 3.2LTR, CIH, 12 Valves, L, Gasoline (Carburettor), aspiration: TC,	05/1977-08/1986	3210 cc	89.00 X 86.00	6 cyl	633, 732, 733, 745		
	M30 B33 201CI, 3.3LTR, CIH, 12 Valves, L, Gasoline (Carburettor), aspiration: N,	10/1968-04/1977	3297 cc	89.00 X 88.30	6 cyl	3.3 All Models		
	M30 B35 3.4LTR, CIH, 12 Valves, L, Gasoline (EFI), aspiration: TC,	04/1976-11/1995	3431 cc	92.00 X 86.00	6 cyl			
	M30 B35(L-Jetronic) 211CI, 3.5LTR, CIH, 12 Valves, V, Gasoline (EFI), aspiration: N,	04/1976-09/1990	3453 cc	93.40 X 84.00	6 cyl	535, 635, 735		
	CR6609AM STD/.25/.5/.75/1.0 ACL:6B1486 CLE:CB- 809P(6) FMO:6-65545CP GLA:B6460LC GLY:71-2182/6 K.S:87 731 600 VAN:VPR91353	C4439	6 Pairs		1.8888/ 1.8894 47.976/ 47.991	2.0472/ 2.0476 51.999/ 52.009	0.7870 19.99	0.0785 1.994
	CR6756CP <i>Under Development</i> <i>Special application for high-efficiency engines</i> GLA:B6635 GLY:71-2839/6 VAN:VPR92146	C4264*	6 Pairs		1.8886/ 1.8894 47.970/ 47.991	2.0472/ 2.0476 51.999/ 52.009	0.7874 20.00	0.0776 1.971
	MB 770AM STD/.25/.5/.75/1.0 ACL:7M1489 CLE:MS-1142AL FMO:7029M GLA:M7307LC GLY:H 973/7 K.S:87 434 600 VAN:VPM91431	M 770 F 770	6 Pairs 1 Pair	1-2-3-5-6-7 4	2.3610/ 2.3618 59.969/ 59.990 2.3610/ 2.3618 59.969/ 59.990	2.5591/ 2.5598 65.001/ 65.019 2.5591/ 2.5598 65.001/ 65.019	0.9450 24.00 1.1790 29.95	0.0980 2.489 0.0980 2.489
8	M67 D39 V8 238CI /3.9Liter, DOHC, 32 Valves, Diesel	10/1994-11/2001	3901 cc	84.00 X 88.00	8 cyl	740	8	
	CR 897CP <i>Under Development</i> <i>Upper half -Sputter replacement.</i> GLY:71-3878/8	C 897*	8 Pairs		2.1248/ 2.1256 53.970/ 53.990	2.2677/ 2.2683 57.600/ 57.615	0.5512 14.00	0.0707 1.796
	MB5336CP <i>Under Development</i> GLY:H 091/5	M5336U* M5336L*	4 Pairs	1,3-5	2.7555/ 2.7548 69.990/ 69.972	2.9528/ 2.9535 75.001/ 75.019	0.9449 24.00	0.0985 2.502
		F5336U*	1 Pair	2	2.7555/ 2.7548 69.990/ 69.972	2.9528/ 2.9535 75.001/ 75.019	1.2606 32.02	0.0985 2.502

B.M.W				B.M.W				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
F5336L*								
9	M60 B30 V8 183CI /3.0Liter, DOHC, 32 Valves, Gasoline	09/1986- 11/2001	2997 cc	84.00 X 67.60	8 cyl	530, 730	9	
	M62 B35 V8 213CI /3.5Liter, DOHC, 32 Valves, Gasoline	10/1994- 06/2003	3498 cc	84.00 X 78.90	8 cyl	535, 735		
	M60 B40 L8 243CI /4.0Liter, DOHC, 32 Valves, Gasoline	09/1986- 11/2001	3982 cc	89.00 X 80.00	8 cyl	540, 740, 840		
	M62 B44 V8 268CI /4.4Liter, DOHC, 32 Valves, Gasoline	04/1990- 05/2004	4398 cc	92.00 X 82.70	8 cyl	540, 740, 840		
CR 896CP <i>Under Development</i> GLY:71-3706/8	C 896*	8 Pairs		1.8888/ 1.8894 47.976/ 47.991	2.0472/ 2.0478 51.999/ 52.014	0.6693 17.00	0.0786 1.996	
MB5334AM <i>Under Development</i> GLY:H 033/5	M5334U M5334L	5 Pairs	1-5	2.7555/ 2.7548 69.990/ 69.972	2.9528/ 2.9535 75.001/ 75.019	0.9449 24.00	0.0986 2.504	
10	M73 B54 V12 328CI /5.4Liter, DOHC, 24 Valves, Gasoline	04/1990- 11/2001	5379 cc	85.00 X 79.00	12 cyl	750, 850	10	
	CR1019CP <i>Under Development</i> 12 prs required Upper half -Sputter replacement. GLY:71-3680/1	C1019*	1 Pair		1.7707/ 1.7713 44.976/ 44.991	1.8898/ 1.8904 48.001/ 48.016		0.6299 16.00
	MB7101AM <i>Under Development</i> GLY:H 053/7	M7101U* M7101L*	7 Pairs	1-7	2.9516/ 2.9524 74.971/ 74.991	3.1496/ 3.1502 80.000/ 80.015	0.8898 22.60	0.0986 2.504
11	M70 B50 V12 304CI /5.0Liter, SOHC/OHC, 24 Valves, Gasoline	09/1986- 12/1999	4988 cc	84.00 X 75.00	12 cyl	750, 850	11	
	M70 B56 V12 340CI /5.6Liter, SOHC/OHC, 24 Valves, Gasoline	04/1990- 01/1	5576 cc	86.00 X 80.00	12 cyl	850		
	CR1019CP <i>Under Development</i> 12 prs required Upper half -Sputter replacement. GLY:71-3680/1	C1019*	1 Pair		1.7707/ 1.7713 44.976/ 44.991	1.8898/ 1.8904 48.001/ 48.016	0.6299 16.00	0.0589 1.496
	MB7100CP <i>Under Development</i> GLY:H 017/7	M7100U* M7100L* F7100U* F7100L*	6 Pairs 1 Pair	1-3,5-7 4	2.9516/ 2.9524 74.971/ 74.991 2.9516/ 2.9524 74.971/ 74.991	3.1496/ 3.1502 80.000/ 80.015 3.1496/ 3.1502 80.000/ 80.015	0.8898 22.60 1.2181 30.94	0.0986 2.504 0.0986 2.504

Engine Index: BEDFORD

Engine-Code	Years	Cyl	CC	Line
BBB		0	0	18
1100		4	1057	1
1200		4	1159	2
1300		4	1256	3
1.3S/1.3N O.H.C		4	1297	4
G161S O.H.C		4	1584	5
16SV		4	1598	6
1.6D Diesel O.H.C		4	1598	7
1.6N/1.6S O.H.C		4	1598	7
1600 O.H.C		4	1599	15
1800 O.H.C		4	1759	15
4.108 Diesel		4	1760	8

Engine-Code	Years	Cyl	CC	Line
4ZB1		4	1817	9
C190 Diesel		4	1951	10
2000		4	1975	15
2.0N/2.0S		4	1979	11
4FC1 Diesel		4	1995	13
4FC1-T Diesel Turbo		4	1995	13
2.0D Diesel		4	1998	14
2.1D Diesel		4	2068	12
4FD1 Diesel		4	2189	13
2.3D Diesel		4	2260	14
2300 O.H.C		4	2279	15
200 Diesel Direct Injection		4	3285	17

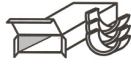




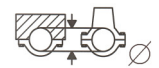


Engine-Code	Years	Cyl	CC	Line
214 Extra Duty		6	3519	16
220 Diesel		4	3614	17
220 Diesel Low/Medium Blow		4	3614	17
300		6	4927	18
300 Diesel Direct Injection		6	4927	18
330 Direct Injection Diesel		6	5420	18






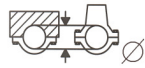


Engine-Code	Years	Cyl	CC	Line
330 Diesel. Low / Medium Blow		6	5420	19
60 SERIES Diesel. Direct		6	6243	20
466 Diesel Direct Injection		6	7634	20
500 PHASE I Diesel.		6	8200	21

Car Model Index: BEDFORD






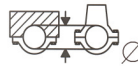


Model	Engine	Years	Cyl	CC	Line
Astra 1.3L, GL, E, Merit	1.3S/1.3N O.H.C	1980-	4	1297	4
Astra 1.6 Van, Astra 1.6L	1.6D Diesel O.H.C	1983-	4	1598	7
Astra 1.6L Van	1.6N/1.6S O.H.C	1983-	4	1598	7
Astra 1300, L Van	1.3S/1.3N O.H.C	1982-	4	1297	4
Astra L Van	16SV	1987-	4	1598	6
Astramax 365, 560, 560L	16SV	1987-	4	1598	6
Astramax Van	1.3S/1.3N O.H.C	1985-	4	1297	4
Astramax Van	1.6N/1.6S O.H.C	1985-	4	1598	7
Astramax Van	1.6D Diesel O.H.C	1985-	4	1598	7
Beagle 6-8cwt Van	1200	1966-71	4	1159	2
Beagle 6-8cwt Van	1300	1971-79	4	1256	3
C3, D3, S1, S2, S3 Series	300	1957-63	6	4927	18
C3, D3, S3 Series 4-10	300 Diesel Direct	1957-68	6	4927	18
C3, D3, S3 Series, 4-10	200 Diesel Direct	1957-68	4	3285	17
CF 14-18 cwt Vans	1600 O.H.C	1970-71	4	1599	15
CF1800 14-18 cwt Vans	1800 O.H.C	1972-84	4	1759	15
CF2 230/250/280/350	2.0N/2.0S	1984-	4	1979	11
CF2000 22, 25, 35 cwt	2000	1970-71	4	1975	15
CF220/250 Van	4.108 Diesel	1965-	4	1760	8
CF230, 250, 280, 350	2.3D Diesel	1980-	4	2260	14
CF2300 22, 25, 35 cwt	2300 O.H.C	1972-84	4	2279	15
CF97 220, 250, 350 Vans	2.0D Diesel	1980-	4	1998	14
CF97 Van	2.1D Diesel	1976-80	4	2068	12
Chevanne	1300	1976-79	4	1256	3
D, K, T, T, J, TKV Series	300 Diesel Direct	1957-68	6	4927	18

Model	Engine	Years	Cyl	CC	Line
D, J, K, T, T, J, TKV Series	330 Direct	1957-83	6	5420	18
D, J, K, T, T, J, TKV, Series	300	1957-63	6	4927	18
D, K, T, T, J, TK, TKV Series	220 Diesel	1983-	4	3614	17
D, K, T, T, J, TK, TKV Series	330 Diesel. Low /	1983-	6	5420	19
D, K, T, T, J, TKV Series	200 Diesel Direct	1957-64	4	3285	17
D, K, T, T, J, TKV Series	220 Diesel	1957-83	4	3614	17
ERT, ERV, EPR, EMT, EM	466 Diesel Direct	1967-	6	7634	20
HA Series 6-8cwt Van	1100	1964-66	4	1057	1
KB 26 Pick-up	C190 Diesel	1981-	4	1951	10
KB 41 Pick-up	C190 Diesel	1981-	4	1951	10
KB Series Pick up	G161S O.H.C	1980-	4	1584	5
KC, KD, M, MW, W, J	214 Extra Duty	1938-73	6	3519	16
Midi	4FD1 Diesel	1988-	4	2189	13
Midi 2.0 Turbo	4FC1-T Diesel	1988-	4	1995	13
Midi Van	4ZB1	1985-88	4	1817	9
Midi Van	4FC1 Diesel	1985-89	4	1995	13
O, OL, OX, OY Series 1-8	214 Extra Duty	1938-73	6	3519	16
S, SA, SB, SC, SL, SS, Seri	300	1950-56	6	4927	18
TA, TK, K Series 1-8 Ton	214 Extra Duty	1938-73	6	3519	16
TM Series	500 PHASE I	1966-	6	8200	21
Trucks KG/KH/KM	60 SERIES Diesel.	1967-72	6	6243	20
Trucks KG/KH/KM	466 Diesel Direct	1966-	6	7634	20
Trucks YRT Series	60 SERIES Diesel.	1967-72	6	6243	20
Trucks YRT Series	466 Diesel Direct	1972-	6	7634	20






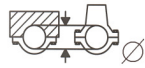


BEDFORD				BEDFORD				
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
1	1100		1057 cc	74.30 X 60.96	4 cyl	HA Series 6-8cwt Van	1	
CR 434AM STD/010/020/030/040 CLE: CB- 738AL (4) FMO: 4-60180 GLA: B4422SA VAN: VPR91114	C 434	4 Pairs		1.7705/ 1.7712 44.971/ 44.988	1.8960/ 1.8965 48.158/ 48.171	0.7560 19.20	0.0619 1.572	
CS 319BB CLE: SH- 84S FMO: 1543M GLA: C3046S GLY: N162/3 VAN: VPC956	S 319/1	1	1	1.6645/ 1.6650 42.278/ 42.291	1.7955/ 1.7965 45.606/ 45.631	1.1300 28.70	0.0620 1.575	
	S 319/2	1	2	1.6227/ 1.6232 41.217/ 41.229	1.7535/ 1.7540 44.539/ 44.552	0.7550 19.18	0.0620 1.575	
	S 319/3	1	3	1.3727/ 1.3732 34.867/ 34.879	1.5035/ 1.5043 38.189/ 38.209	0.5350 13.59	0.0620 1.575	
MB 326AM <i>The set includes 1 flanged half.</i> CLE: MS- 816AL GLA: M3379SA VAN: VPM91204	M 326	2 Pairs	1-3	2.1255/ 2.1260 53.988/ 54.000	2.2835/ 2.2840 58.001/ 58.014	1.0070 25.58	0.0780 1.981	
	M 326	1 Pair	2	2.1255/ 2.1260 53.988/ 54.000	2.2835/ 2.2840 58.001/ 58.014	1.2890 32.74	0.0780 1.981	

BEDFORD				BEDFORD				
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
F 326								
2	1200			1159 cc	77.75 X 60.96	4 cyl	Beagle 6-8cwt Van	2
CR 434AM STD/010/020/030/040 CLE:CB- 738AL (4) FMO:4-60180 GLA:B4422SA VAN:VPR91114	C 434	4 Pairs		1.7705/ 1.7712 44.971/ 44.988	1.8960/ 1.8965 48.158/ 48.171	0.7560 19.20	0.0619 1.572	
CS 316BB GLA:C3051S VAN:VPC974								
MB 326AM <i>The set includes 1 flanged half.</i> CLE:MS- 816AL GLA:M3379SA VAN:VPM91204	M 326	2 Pairs	1-3	2.1255/ 2.1260 53.988/ 54.000	2.2835/ 2.2840 58.001/ 58.014	1.0070 25.58	0.0780 1.981	
	M 326 F 326	1 Pair	2	2.1255/ 2.1260 53.988/ 54.000	2.2835/ 2.2840 58.001/ 58.014	1.2890 32.74	0.0780 1.981	
MB3309AM <i>For all vehicles with automatic transmission and all 1256 cc eng. from eng. no. 2111239. Also suitable as alternative for other 1159cc and 1256cc engines.</i> <i>The set includes 2 flanged halves.</i> GLA:M3380SA	M 326	2 Pairs	1-3	2.1255/ 2.1260 53.988/ 54.000	2.2835/ 2.2840 58.001/ 58.014	1.0070 25.58	0.0780 1.981	
	F 326	1 Pair	2	2.1255/ 2.1260 53.988/ 54.000	2.2835/ 2.2840 58.001/ 58.014	1.2890 32.74	0.0780 1.981	
3	1300			1256 cc	80.95 X 60.96	4 cyl	Beagle 6-8cwt Van, Chevanne	3
CR 434AM STD/010/020/030/040 CLE:CB- 738AL (4) FMO:4-60180 GLA:B4422SA VAN:VPR91114	C 434	4 Pairs		1.7705/ 1.7712 44.971/ 44.988	1.8960/ 1.8965 48.158/ 48.171	0.7560 19.20	0.0619 1.572	
CR4460AM 040 <i>Locating lug positioned on bearing edge</i> CLE:CB-1156AL (4) GLA:B4551SA VAN:VPR91520	C4460	4 Pairs		1.8302/ 1.8310 46.487/ 46.507	1.9525/ 1.9530 49.594/ 49.606	0.7500 19.05	0.0602 1.529	
CS 316BB GLA:C3051S VAN:VPC974								
MB 326AM <i>The set includes 1 flanged half.</i> CLE:MS- 816AL GLA:M3379SA VAN:VPM91204	M 326	2 Pairs	1-3	2.1255/ 2.1260 53.988/ 54.000	2.2835/ 2.2840 58.001/ 58.014	1.0070 25.58	0.0780 1.981	
	M 326 F 326	1 Pair	2	2.1255/ 2.1260 53.988/ 54.000	2.2835/ 2.2840 58.001/ 58.014	1.2890 32.74	0.0780 1.981	
MB3309AM <i>For all vehicles with automatic transmission and all 1256 cc eng. from eng. no. 2111239. Also suitable as alternative for other 1159cc and 1256cc engines.</i> <i>The set includes 2 flanged halves.</i> GLA:M3380SA	M 326	2 Pairs	1-3	2.1255/ 2.1260 53.988/ 54.000	2.2835/ 2.2840 58.001/ 58.014	1.0070 25.58	0.0780 1.981	
	F 326	1 Pair	2	2.1255/ 2.1260 53.988/ 54.000	2.2835/ 2.2840 58.001/ 58.014	1.2890 32.74	0.0780 1.981	
4	1.3S/1.3N O.H.C			1297 cc	75.00 X 73.40	4 cyl	Astra 1.3L, GL, E, Merit, Astra 1300, L Van, Astramax Van	4
CR4147AM STD/.25/.5/.75/1.0 <i>Plain halves.</i> CLE:CB-1172AL (4) GLA:B4601SA GLY:71-3504/4 K.S:87 409 600 VAN:VPR91933A	C4147	4 Pairs		1.6918/ 1.6924 42.972/ 42.987	1.8110/ 1.8115 45.999/ 46.012	0.6550 16.64	0.0589 1.496	
MB5519AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:5M1801 CLE:MS-1545P FMO:7218M GLA:M5380SA GLY:H 975/5 K.S:87 410 600 NDC:MS-3017 OEM:S122-0012 VAN:VPM91934A	M5519	4 Pairs	1-2-4-5	2.1643/ 2.1648 54.973/ 54.986	2.3228/ 2.3233 58.999/ 59.012	0.7700 19.56	0.0784 1.991	
	F5519	1 Pair	3	2.1643/ 2.1648 54.973/ 54.986	2.3228/ 2.3233 58.999/ 59.012	1.0200 25.91	0.0784 1.991	
5	G161S O.H.C			1584 cc	82.00 X 75.00	4 cyl	KB Series Pick up	5
CR4460AM 040 <i>Locating lug positioned on bearing edge</i> CLE:CB-1156AL (4) GLA:B4551SA VAN:VPR91520	C4460	4 Pairs		1.8302/ 1.8310 46.487/ 46.507	1.9525/ 1.9530 49.594/ 49.606	0.7500 19.05	0.0602 1.529	
MB 540AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:5M2817 CLE:MS-1298AL DAI:M5014K FMO:5028M GLA:M5270SA GLY:H1145/5 NDC:MS-1103GP OEM:8-94215-641-0 VAN:VPM91677	M 540/1	3 Pairs	1-3-5	2.2016/ 2.2022 55.921/ 55.936	2.3220/ 2.3228 58.979/ 58.999	1.2650 32.13	0.0596 1.514	
	M 540/2	2 Pairs	2-4	2.2016/ 2.2022 55.921/ 55.936	2.3220/ 2.3228 58.979/ 58.999	0.8310 21.11	0.0596 1.514	
TW 126AM	W 126	1 Pair		2.5197/ 0.0000 64.000/ 0.000	0.0000/ 3.1575 0.000/ 80.201	0.0000 0.00	0.0930 2.362	









BEDFORD				BEDFORD				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
Under Development ACL: 1T1824 GLY: A224/2								
6	16SV			1598 cc	79.00 X 81.50	4 cyl	Astra L Van, Astramax 365,560,560L	6
CR 418AM STD/.25/.5/.75/1.0/1.25/1.5 <i>With oil hole.</i> ACL: 4B1350 CLE: CB-1451AL (4) FMO: 4-4210CP GLA: B4679SA GLY: 71-3639/4 K.S.: ~87 409 600 NDC: CB-3017 OEM: 962320715 VAN: VPR92494A	C 418	4 Pairs		1.6918/ 1.6924 42.972/ 42.987	1.8110/ 1.8115 45.999/ 46.012	0.6550 16.64	0.0589 1.496	
CR 418CP STD/.25 <i>Same bearing as CR 418AM. Only difference is the material (tri metal copper-lead). Produced on demand only.</i>	C 418	4 Pairs		1.6918/ 1.6924 42.972/ 42.987	1.8110/ 1.8115 45.999/ 46.012	0.6535 16.60	0.0589 1.496	
MB5519AM STD/.25/.5/.75/1.0/1.25/1.5 ACL: 5M1801 CLE: MS-1545P FMO: 7218M GLA: M5380SA GLY: H 975/5 K.S.: 87 410 600 NDC: MS-3017 OEM: S122-0012 VAN: VPM91934A	M5519	4 Pairs	1-2-4-5	2.1643/ 2.1648 54.973/ 54.986	2.3228/ 2.3233 58.999/ 59.012	0.7700 19.56	0.0784 1.991	
	F5519	1 Pair	3	2.1643/ 2.1648 54.973/ 54.986	2.3228/ 2.3233 58.999/ 59.012	1.0200 25.91	0.0784 1.991	
7	1.6N/1.6S O.H.C			1598 cc	80.00 X 79.50	4 cyl	Astra 1.6L Van, Astramax Van	7
	1.6D Diesel O.H.C			1598 cc	80.00 X 79.50	4 cyl	Astra 1.6 Van, Astra 1.6L Van., Astramax Van	
CR 421AM STD/.25/.5/.75/1.0/1.25/1.5 SUPERSEDED BY CR4106AM <i>Old Model, Upper half - with one 4.0 mm oil hole at 44 degrees from the center line . instead use CR4106 wich feet both Old and New model</i> ACL: 4B2326 CLE: CB-1175AL (4) FMO: 4-68140CP GLY: 71-3531/4 K.S.: 87 392 600 NDC: CB-3020	C 421U C 421L	4 Pairs		1.9280/ 1.9286 48.971/ 48.986	2.0472/ 2.0477 51.999/ 52.012	0.7600 19.30	0.0589 1.496	
CR4017AM STD/.25/.5/.75/1.0/1.25/1.5 <i>Late model, Upper half - with one 4.0 mm hole at 12 degrees from the center line (or crown), lower half - plain.</i> ACL: 4B1408 ~ CLE: CB-1408AL (4) FMO: 4-1490CP GLA: B4673LC GLY: 71-3626/4 K.S.: 87 391 600 VAN: VPR92123LC	C4017 C 421L	4 Pairs		1.9280/ 1.9286 48.971/ 48.986	2.0472/ 2.0477 51.999/ 52.012	0.7600 19.30	0.0589 1.496	
CR4106AM STD/.25/.5/.75/1.0/1.25/1.5 <i>2 oil holes in upper half, . The set can be used for both Old and Late model</i> ACL: 4B1408 CLE: CB-1408P (4) FMO: 4-1490 GLA: B4628SA GLY: 71-3531/4~ OEM: 9202-8817 VAN: VPR91935A								
MB5520AM STD/.25/.5/.75/1.0/1.25/1.5 <i>This set includes 2 flanged full grooved halves . Flange length: STD - 25.91 mm (FI STD) 0.25 - 26.11mm (FI oversize 0.2 mm), 0.5 - 26.31mm (FI oversize 0.4 mm), 0.75 - 26.51mm (FI oversize 0.6 mm), 1.0, 1.5 - 26.71mm (FI oversize 0.8mm).</i> ACL: 5M2327 CLE: MS-1549AL FMO: 6831M GLA: M5401SA GLY: H 982/5 K.S.: 87 393 600 NDC: MS-3020 OEM: 9206-5700 VAN: VPM91936LC	M5520	4 Pairs	1-2-4-5	2.2828/ 2.2833 57.983/ 57.996	2.4410/ 2.4415 62.001/ 62.014	0.7680 19.51	0.0785 1.994	
	F5520	1 Pair	3	2.2828/ 2.2833 57.983/ 57.996	2.4410/ 2.4415 62.001/ 62.014	1.0200 25.91	0.0785 1.994	
8	4.108 Diesel			1760 cc	79.38 X 88.90	4 cyl	CF220/250 Van	8
CR 456AM STD/010/020/030/040/050/060 CLE: CB- 652AL (4) FMO: 4-2580CP GLA: B4325SA GLY: 01-4314/4 VAN: VPR723A	C 456	4 Pairs		1.9995/ 2.0000 50.787/ 50.800	2.1460/ 2.1465 54.508/ 54.521	0.8800 22.35	0.0723 1.836	
MB 354AM STD/010/020/030/040 CLE: MS-1077AL FMO: 5197M GLA: M3349SA GLY: H1138/3 VAN: VPM91213A	M 354	3 Pairs		2.2480/ 2.2485 57.099/ 57.112	2.3950/ 2.3955 60.833/ 60.846	1.2550 31.88	0.0723 1.836	
9	4ZB1			1817 cc	84.00 X 82.00	4 cyl	Midi Van	9

BEDFORD				BEDFORD			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
CR4141SI <i>All 8 halves with partial groove and two oil holes: - 3 mm hole at 20 degrees from the center line; - 4 mm hole at 41 degrees from the center line.</i> ACL:4B2821 CLE:CB1371(4) ~ DAI:R5013K FMO:4-3570CPB GLA:B4811SA NDC:CB-1032GP OEM:8-94251-094-2 VAN:VPR92720A	C4141	4 Pairs		1.9262/ 1.9268 48.925/ 48.941	2.0466/ 2.0472 51.984/ 51.999	0.8710 22.12	0.0596 1.514
MB5559AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:5M1882 CLE:MS-1775 DAI:M5022A FMO:6631M GLA:M5445SA GLY:H1225/5 NDC:MS-1620GP OEM:8-94446-581-1 OEM:5-11510-030-0	M5559	5 Pairs		2.2016/ 2.2020 55.921/ 55.931	0.0000/ 2.3622 0.000/ 60.000	0.8610 21.87	0.0791 2.009
TW 126AM <i>Under Development</i> ACL:1T1824 GLY:A224/2	W 126	1 Pair		2.5197/ 0.0000 64.000/ 0.000	0.0000/ 3.1575 0.000/ 80.201	0.0000 0.00	0.0930 2.362
10	C190 Diesel		1951 cc	86.00 X 84.00	4 cyl	KB 26 Pick-up, KB 41 Pick-up	10
CR 474SI STD/.25/.5/.75/1.0 CLE:CB-1093AL(4) DAI:R4536A FMO:4-67325CP GLA:B4568SA GLY:71-4325/4 NDC:CB-1070 OEM:8-94142208-0 OEM:5-12271-005-0 VAN:VPR92016	C 474	4 Pairs		2.0833/ 2.0838 52.916/ 52.929	2.2041/ 2.2047 55.984/ 55.999	0.8380 21.29	0.0596 1.514
MB5157AM STD/.25/.5/.75/1.0 DAI:M 536A FMO:7094M GLA:M5422LC NDC:MS-1605 OEM:5-11510-036-0 VAN:VPM927411LC	M5157/1	2 Pairs	1-5	2.3591/ 2.3595 59.921/ 59.931	2.5187/ 2.5197 63.975/ 64.000	1.0878 27.63	0.0800 2.032
	M5157/2	2 Pairs	2-4	2.3591/ 2.3595 59.921/ 59.931	2.5187/ 2.5197 63.975/ 64.000	0.9106 23.13	0.0800 2.032
	M5157/3	1 Pair	3	2.3591/ 2.3595 59.921/ 59.931	2.5187/ 2.5197 63.975/ 64.000	1.1299 28.70	0.0800 2.032
11	2.0N/2.0S		1979 cc	95.00 X 69.80	4 cyl	CF2 230/250/280/350 Vans,	11
CR4411AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:4B1341 CLE:CB- 837AL(4) FMO:4-65895CP GLA:B4599SA GLY:71-3560/4 K.S:87 758 600 NDC:CB-3019 VAN:VPR91316A	C4411	4 Pairs		2.0460/ 2.0467 51.968/ 51.986	2.1653/ 2.1658 54.999/ 55.011	0.7750 19.69	0.0589 1.496
CS 315BB FMO:1737M GLA:C3087S							
MB 526AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:5M1342 CLE:MS- 988AL FMO:6280M GLA:M5256SA GLY:H 901/5 K.S:87 757 600 VAN:VPM91317A	M 526	4 Pairs	1-2-3-4	2.2830/ 2.2835 57.988/ 58.001	2.4409/ 2.4415 61.999/ 62.014	0.8830 22.43	0.0781 1.984
	F 526	1 Pair	5	2.2830/ 2.2835 57.988/ 58.001	2.4409/ 2.4415 61.999/ 62.014	1.0810 27.46	0.0781 1.984
12	2.1D Diesel		2068 cc	88.00 X 85.00	4 cyl	CF97 Van	12
CR4492AM STD/.25/.5/.75/1.0 <i>Maximum recommended undersize is .50mm</i> CLE:CB-1048P(4) FMO:4-66565CP GLA:B4580LC GLY:71-3174/4~ VAN:VPR91640	C4492	4 Pairs		2.1248/ 2.1254 53.970/ 53.985	2.2441/ 2.2446 57.000/ 57.013	1.0039 25.50	0.0587 1.491
MB5506AM STD/.25/.5/.75/1.0 <i>Maximum recommended undersize is .50mm</i> CLE:MS-1206P FMO:6563M GLA:M5358LC GLY:H 893/5 VAN:VPM91641	M5506U M5506L	4 Pairs	1-2-3-4	2.2830/ 2.2835 57.988/ 58.001	2.4409/ 2.4415 61.999/ 62.014	0.9640 24.49	0.0781 1.984
	F5506U F5506L	1 Pair	5	2.2830/ 2.2835 57.988/ 58.001	2.4409/ 2.4415 61.999/ 62.014	1.1580 29.41	0.0781 1.984
13	4FC1 Diesel		1995 cc	84.00 X 90.00	4 cyl	Midi Van	13
	4FC1-T Diesel Turbo		1995 cc	84.00 X 90.00	4 cyl	Midi 2.0 Turbo	
	4FD1 Diesel		2189 cc	88.00 X 90.00	4 cyl	Midi	
CR 445CP <i>Under Development</i> CLE:CB-1449P(4) DAI:R4521A FMO:4-3885CP GLA:B4665LC GLY:71-4349/4 NDC:CB-1616GP OEM:5-12271-032-0 VAN:VPR92014	C 445*	4 Pairs		1.9264/ 1.9268 48.931/ 48.941	2.0464/ 2.4072 51.979/ 61.143	0.8661 22.00	0.0591 1.501

BEDFORD					BEDFORD				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
MB5253CP <i>Under Development</i> CLE:MS-1669P DAI:M4521A FMO:5141M GLA:M5446LC NDC:MS-1616GP OEM:8-94110-927-0 VAN:VPM92015	M5253/1*	4 Pairs	1,2,4,5	2.2015/ 2.2020 55.918/ 55.931	2.3614/ 2.3622 59.980/ 60.000	0.8606 21.86	0.0793 2.014		
	M5253/1* M5253/3L*	1 Pair	3	2.2015/ 2.2022 55.918/ 55.936	2.3614/ 2.3622 59.980/ 60.000	0.8606 21.86	0.0793 2.014		
TW 126AM <i>Under Development</i> ACL:1T1824 GLY:A224/2	W 126	1 Pair		2.5197/ 0.0000 64.000/ 0.000	0.0000/ 3.1575 0.000/ 80.201	0.0000 0.00	0.0930 2.362		
14	2.0D Diesel			1998 cc	86.50 X 85.00	4 cyl	CF97 220,250,350 Vans		14
	2.3D Diesel			2260 cc	92.00 X 85.00	4 cyl	CF230,250,280,350 Vans		
CR4492AM STD/.25/.5/.75/1.0 <i>Maximum recommended undersize is .50mm</i> CLE:CB-1048P (4) FMO:4-66565CP GLA:B4580LC GLY:71-3174/4- VAN:VPR91640	C4492	4 Pairs		2.1248/ 2.1254 53.970/ 53.985	2.2441/ 2.2446 57.000/ 57.013	1.0039 25.50	0.0587 1.491		
MB5506AM STD/.25/.5/.75/1.0 <i>Maximum recommended undersize is .50mm</i> CLE:MS-1206P FMO:6563M GLA:M5358LC GLY:H 893/5 VAN:VPM91641	M5506U M5506L	4 Pairs	1-2-3-4	2.2830/ 2.2835 57.988/ 58.001	2.4409/ 2.4415 61.999/ 62.014	0.9640 24.49	0.0781 1.984		
	F5506U F5506L	1 Pair	5	2.2830/ 2.2835 57.988/ 58.001	2.4409/ 2.4415 61.999/ 62.014	1.1580 29.41	0.0781 1.984		
15	1600 O.H.C			1599 cc	85.70 X 69.24	4 cyl	CF 14-18 cwt Vans		15
	1800 O.H.C			1759 cc	85.70 X 76.20	4 cyl	CF1800 14-18 cwt Vans		
	2000			1975 cc	95.25 X 69.24	4 cyl	CF2000 22,25,35 cwt Vans		
	2300 O.H.C			2279 cc	97.54 X 76.20	4 cyl	CF2300 22,25,35 cwt Vans,		
CR4420AM STD/020 <i>Modified Big Ends with two oil holes to service early and late models</i> ACL:4B1346 CLE:CB- 938AL (4) GLA:B4586SA VAN:VPR91573	C4420	4 Pairs		1.9975/ 1.9985 50.737/ 50.762	2.1460/ 2.1465 54.508/ 54.521	0.9280 23.57	0.0730 1.854		
MB 571AM STD/050 CLE:MS-1026AL GLA:M5259SA VAN:VPM91251	M 571/1	3 Pairs	1-2-4	2.4995/ 2.5005 63.487/ 63.513	2.6655/ 2.6660 67.704/ 67.716	0.9200 23.37	0.0820 2.083		
	M 571/2	1 Pair	3	2.4995/ 2.5005 63.487/ 63.513	2.6655/ 2.6660 67.704/ 67.716	0.9200 23.37	0.0820 2.083		
	F 571	1 Pair	5	2.4995/ 2.5005 63.487/ 63.513	2.6655/ 2.6660 67.704/ 67.716	1.3390 34.01	0.0820 2.083		
16	214 Extra Duty			3519 cc	85.73 X 101.60	6 cyl	KC,KD,M,MW,W,J Series 1-8 Ton, O,OL,OX,OY Series 1-8 Ton, TA,TK,K Series 1-8 Ton Trucks		16
CR6623AM STD/010/020/030/040 CLE:CB- 691P (6) GLA:B6270LC VAN:VPR278	C6623	6 Pairs		2.0950/ 2.0960 53.213/ 53.238	2.2210/ 2.2215 56.413/ 56.426	1.1630 29.54	0.0620 1.575		
MB 451AM STD/010/020/030/040 CLE:MS- 708P GLA:M4056LC VAN:VPM279	M 451/1	1 Pair	1	2.1025/ 2.1035 53.404/ 53.429	2.2492/ 2.2500 57.130/ 57.150	1.7860 45.36	0.0720 1.829		
	M 451/2	1 Pair	2	2.2585/ 2.2595 57.366/ 57.391	2.4052/ 2.4060 61.092/ 61.112	1.1860 30.12	0.0720 1.829		
	M 451/3	1 Pair	3	2.2895/ 2.2905 58.153/ 58.179	2.4362/ 2.4370 61.879/ 61.900	1.1860 30.12	0.0720 1.829		
	M 451/4U M 451/4L	1 Pair	4	2.3215/ 2.3226 58.966/ 58.994	2.4682/ 2.4690 62.692/ 62.713	2.2240 56.49	0.0720 1.829		
17	200 Diesel Direct Injection			3285 cc	98.40 X 107.99	4 cyl	C3,D3,S3 Series,4-10 Ton, D,K,T,TJ,TKV Series 1.1/4-4		17
	220 Diesel			3614 cc	103.18 X 107.95	4 cyl	D,K,T,TJ,TKV Series 1.1/4-4		
	220 Diesel Low/Medium Blow			3614 cc	103.19 X	4 cyl	D,K,T,TJ,TK,TKV Series		

BEDFORD				BEDFORD			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
Turbocharged		107.95			1.1/4-4		
CR 462AM STD/010/020/030/040 CLE:CB- 706AL (4) FMO:4-2915CP GLA:B4424SA GLY:01-4317/4 VAN:VPR91130A	C 653	4 Pairs		2.3740/ 2.3750 60.300/ 60.325	2.5195/ 2.5200 63.995/ 64.008	1.2520 31.80	0.0714 1.814
CS 407BB GLA:C4095S GLY:N167/4 VAN:VPC933							
MB 516AM STD/010/020/030/040/050 GLA:M5205SA GLY:H1167/5 VAN:VPM91131A	M 703/1	1 Pair	1	2.7495/ 2.7500 69.837/ 69.850	2.9165/ 2.9170 74.079/ 74.092	1.3570 34.47	0.0821 2.085
	M 703/2	2 Pairs	2-4	2.7495/ 2.7500 69.837/ 69.850	2.9165/ 2.9170 74.079/ 74.092	1.0680 27.13	0.0821 2.085
	M 703/4	1 Pair	3	2.7495/ 2.7500 69.837/ 69.850	2.9165/ 2.9170 74.079/ 74.092	1.3900 35.31	0.0821 2.085
	M 703/7	1 Pair	5	2.7495/ 2.7500 69.837/ 69.850	2.9165/ 2.9170 74.079/ 74.092	1.2250 31.12	0.0821 2.085
PB 124CP GLA:S4595L							
TW 219CP <i>Under Development</i> FMO:2919BF GLA:W2077L VAN:VFW40	W 219	2 Pairs		3.0550/ 3.0650 77.597/ 77.851	3.5520/ 3.5620 90.221/ 90.475	0.0000 0.00	0.0920 2.337
TW 220AM <i>Under Development</i> GLA:W2208L GLY:A266/4 VAN:VFW95002	W 220	2 Pairs		3.0550/ 3.0650 77.597/ 77.851	3.5520/ 3.5620 90.221/ 90.475	0.0000 0.00	0.0920 2.337
18	BBB			0 cyl			18
	300		4927 cc	98.40 X 107.98	6 cyl	C3,D3,S1,S2,S3 Series 4-10 Ton, D,J,K,T,TJ,TKV, Series 5-12 Ton, S,SA,SB,SC,SL,SS, Series 3-7	
	300 Diesel Direct Injection		4927 cc	98.40 X 107.95	6 cyl	C3,D3,S3 Series 4-10 Ton, D, K, T, TJ, TKV Series 5-12	
	330 Direct Injection Diesel		5420 cc	103.18 X 107.95	6 cyl	D,J,K,T,TJ,TKV Series 5-12 Ton	
CR 653AM STD/010/020/030/040/050 1957-63 CLE:CB- 706AL (6) FMO:6-2915CP GLA:B6387SA GLY:01-4364/6 VAN:VPR91132A	C 653	6 Pairs		2.3740/ 2.3750 60.300/ 60.325	2.5195/ 2.5200 63.995/ 64.008	1.2520 31.80	0.0714 1.814
CS 407BB 1957-63 GLA:C4095S GLY:N167/4 VAN:VPC933							
MB 703AM STD/010/020/030/040/050/060 1957-63 CLE:MS- 776AL FMO:4198M GLA:M7228SA GLY:H1167/7 VAN:VPM91133A	M 703/4	1 Pair	4	2.7495/ 2.7500 69.837/ 69.850	2.9165/ 2.9170 74.079/ 74.092	1.3900 35.31	0.0821 2.085
	M 703/7	1 Pair	7	2.7495/ 2.7500 69.837/ 69.850	2.9165/ 2.9170 74.079/ 74.092	1.2250 31.12	0.0821 2.085
	M 703/1	1 Pair	1	2.7495/ 2.7500 69.837/ 69.850	2.9165/ 2.9170 74.079/ 74.092	1.3570 34.47	0.0821 2.085
	M 703/2	4 Pairs	2-3-5-6	2.7495/ 2.7500 69.837/ 69.850	2.9165/ 2.9170 74.079/ 74.092	1.0680 27.13	0.0821 2.085
TW 219CP <i>Under Development</i> FMO:2919BF GLA:W2077L VAN:VFW40	W 219	2 Pairs		3.0550/ 3.0650 77.597/ 77.851	3.5520/ 3.5620 90.221/ 90.475	0.0000 0.00	0.0920 2.337

BEDFORD					BEDFORD				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
TW 220AM <i>Under Development</i> 1957-63 GLA:W2208L GLY:A266/4 VAN:VPW95002	W 220	2 Pairs		3.0550/ 3.0650 77.597/ 77.851	3.5520/ 3.5620 90.221/ 90.475	0.0000 0.00	0.0920 2.337		
19	330 Diesel. Low / Medium Blow Turbocharged		5420 cc	103.19 X 107.95	6 cyl	D,K,T,TJ,TK,TKV Series 1.1/4-4		19	
CR 632AM <i>Under Development</i> GLA:B6573SA VAN:VPR92501A	C 632*	6 Pairs		2.3740/ 2.3750 60.300/ 60.325	2.5195/ 2.5200 63.995/ 64.008	1.2520 31.80	0.0710 1.803		
CS 407BB GLA:C4095S GLY:N167/4 VAN:VPC933									
MB 703AM STD/010/020/030/040/050/060 CLE:MS- 776AL FMO:4198M GLA:M7228SA GLY:H1167/7 VAN:VPM91133A	M 703/4	1 Pair	4	2.7495/ 2.7500 69.837/ 69.850	2.9165/ 2.9170 74.079/ 74.092	1.3900 35.31	0.0821 2.085		
	M 703/7	1 Pair	7	2.7495/ 2.7500 69.837/ 69.850	2.9165/ 2.9170 74.079/ 74.092	1.2250 31.12	0.0821 2.085		
	M 703/1	1 Pair	1	2.7495/ 2.7500 69.837/ 69.850	2.9165/ 2.9170 74.079/ 74.092	1.3570 34.47	0.0821 2.085		
	M 703/2	4 Pairs	2-3-5-6	2.7495/ 2.7500 69.837/ 69.850	2.9165/ 2.9170 74.079/ 74.092	1.0680 27.13	0.0821 2.085		
TW 219CP <i>Under Development</i> FMO:2919BF GLA:W2077L VAN:VPW40	W 219	2 Pairs		3.0550/ 3.0650 77.597/ 77.851	3.5520/ 3.5620 90.221/ 90.475	0.0000 0.00	0.0920 2.337		
TW 220AM <i>Under Development</i> GLA:W2208L GLY:A266/4 VAN:VPW95002	W 220	2 Pairs		3.0550/ 3.0650 77.597/ 77.851	3.5520/ 3.5620 90.221/ 90.475	0.0000 0.00	0.0920 2.337		
20	60 SERIES Diesel. Direct Injection		6243 cc	104.78 X 120.65	6 cyl	Trucks KG/KH/KM Series, Trucks YRT Series		20	
	466 Diesel Direct Injection		7634 cc	115.89 X 120.65	6 cyl	ERT,ERV,EPR,EMT,EMV,H MX,KMX, Trucks KG/KH/KM Series, Trucks YRT Series			
CR 679AM STD/010/020/030/040 CLE:CB- 935AL(6) GLA:B6437SA VAN:VPR91323	C 679	6 Pairs		2.4985/ 2.4995 63.462/ 63.487	2.6460/ 2.6465 67.208/ 67.221	1.3800 35.05	0.0720 1.829		
CS 408BB GLA:C4077S VAN:VPC94054									
MB 786AM STD/010/020 GLA:M7337SA GLY:H1171/7 VAN:VPM91594	M 786/1	2 Pairs	1-7	3.4985/ 3.4995 88.862/ 88.887	3.6660/ 3.6670 93.116/ 93.142	1.3600 34.54	0.0820 2.083		
	M 786/2	4 Pairs	2-3-5-6	3.4985/ 3.4995 88.862/ 88.887	3.6660/ 3.6670 93.116/ 93.142	1.1600 29.46	0.0820 2.083		
	M 786/4	1 Pair	4	3.4985/ 3.4995 88.862/ 88.887	3.6660/ 3.6670 93.116/ 93.142	1.5020 38.15	0.0820 2.083		
PB 125CP GLA:S6577L									
TW 221AM GLA:W2226L VAN:VPW14									
21	500 PHASE I Diesel. Direct Injection		8200 cc	115.89 X 129.54	6 cyl	TM Series		21	
CR 604AM STD/010/020/030/040 GLA:B6497LC VAN:VPR91595	C 604U C 604L	6 Pairs		2.7485/ 2.7495 69.812/ 69.837	2.8980/ 2.8985 73.609/ 73.622	1.3800 35.05	0.0733 1.862		
CR 611AM STD/010/020 GLA:B6546LC GLY:71-4372/6 VAN:VPR91813	C 604U C 611L	6 Pairs		2.7485/ 2.7495 69.812/ 69.837	2.8980/ 2.8985 73.609/ 73.622	1.3800 35.05	0.0733 1.862		
CS 408BB GLA:C4077S VAN:VPC94054									

BEDFORD				BEDFORD			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
MB 786AM STD/010/020 GLA:M7337SA GLY:H1171/7 VAN:VEM91594	M 786/1	2 Pairs	1-7	3.4985/ 3.4995 88.862/ 88.887	3.6660/ 3.6670 93.116/ 93.142	1.3600 34.54	0.0820 2.083
	M 786/2	4 Pairs	2-3-5-6	3.4985/ 3.4995 88.862/ 88.887	3.6660/ 3.6670 93.116/ 93.142	1.1600 29.46	0.0820 2.083
	M 786/4	1 Pair	4	3.4985/ 3.4995 88.862/ 88.887	3.6660/ 3.6670 93.116/ 93.142	1.5020 38.15	0.0820 2.083
TW 221AM GLA:W2226L VAN:VPW14							









Engine Index: BMW PERFORMANCE

Engine-Code	Years	Cyl	CC	Line
BMW 1991cc, 2315cc, 2494 cc,		0	0	1

Engine-Code	Years	Cyl	CC	Line

Car Model Index: BMW PERFORMANCE

Model	Engine	Years	Cyl	CC	Line

BMW PERFORMANCE				BMW PERFORMANCE			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
1	BMW 1991cc, 2315cc, 2494 cc, 2693cc, 2793cc				0 cyl		1
CR6640XP STD/.25/1.5 ACL:6B1490H	C4042-PR	6 Pairs		1.7706/ 1.7713 44.973/ 44.991	1.8898/ 1.8904 48.001/ 48.016	0.7087 18.00	0.0588 1.494

Engine Index: BOLINDER MUNKTELL

Engine-Code	Years	Cyl	CC	Line
1114 Diesel		4	0	1
1113, 1113A Diesel		3	0	2
D42/MD42A Diesel		4	4200	3

Engine-Code	Years	Cyl	CC	Line
TD42 Diesel Direct Injection		4	4200	3

Car Model Index: BOLINDER MUNKTELL

Model	Engine	Years	Cyl	CC	Line
BM 350 Tractor	1113, 1113A		3		2
BM 470 Tractor	1114 Diesel		4		1
GM 614	1113, 1113A		3		2
LM 218 Loader	1113, 1113A		3		2

Model	Engine	Years	Cyl	CC	Line
LM 620	1113, 1113A		3		2
LM621, LM641, 650	D42/MD42A Diesel		4	4200	3

BOLINDER MUNKTELL					BOLINDER MUNKTELL				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
1	1114 Diesel			4 cyl	BM 470 Tractor				1
CR4181AM	C 319	4 Pairs		2.8737/ 2.8745 72.992/ 73.012	3.0413/ 3.0420 77.249/ 77.267	1.6300 41.40	0.0820 2.083		
GLA: B4429SA VAN: VPR91669									
MB5051CP	M5051/1U M5051/1L	3 Pairs	1,2,4	3.2494/ 3.2500 82.535/ 82.550	3.4836/ 3.4844 88.483/ 88.504	1.2040 30.58	0.1150 2.921		
GLA: M5222LC VAN: VPM91670									
	M5051/3U M5051/3L	1 Pair	3	3.2494/ 3.2500 82.535/ 82.550	3.4836/ 3.4844 88.483/ 88.504	2.2250 56.52	0.1150 2.921		
	F5051U F5051L	1 Pair	5	3.2494/ 3.2500 82.535/ 82.550	3.4836/ 3.4844 88.483/ 88.504	2.2770 57.84	0.1150 2.921		
2	1113, 1113A Diesel			111.20 X 130.00	3 cyl	BM 350 Tractor, GM 614, LM 218 Loader, LM 620			2
CR 319AMSTD	C 319	3 Pairs		2.8737/ 2.8745 72.992/ 73.012	3.0413/ 3.0420 77.249/ 77.267	1.6300 41.40	0.0820 2.083		
GLA: B3045SA									
MB4033CP	M5051/1U M5051/1L	3 Pairs	1,2,3	3.2494/ 3.2500 82.535/ 82.550	3.4836/ 3.4844 88.483/ 88.504	1.2040 30.58	0.1150 2.921		
GLA: M4216LC VAN: VPM91668									
	F5051U F5051L	1 Pair	4	3.2494/ 3.2500 82.535/ 82.550	3.4836/ 3.4844 88.483/ 88.504	2.2770 57.84	0.1150 2.921		
3	D42/MD42A Diesel . Direct Injection			4200 cc 105.57 X 119.95	4 cyl	LM621, LM641, 650 TRACTOR			3
	TD42 Diesel Direct Injection Turbocharged			4200 cc 10.57 X 119.95	4 cyl				
CR 471CP	C 657	4 Pairs		2.7496/ 2.7500 69.840/ 69.850	2.9029/ 2.9037 73.734/ 73.754	1.4630 37.16	0.0750 1.905		
GLA: B4560LC VAN: VPR91731									
MB 585CP	M 734U M 734L	4 Pairs	1-2-4-5	3.2494/ 3.2500 82.535/ 82.550	3.4836/ 3.4844 88.483/ 88.504	1.2050 30.61	0.1150 2.921		
CLE: MS-1378P VAN: VPM91732									
	M 585U M 585L	1 Pair	3	3.2494/ 3.2500 82.535/ 82.550	3.4836/ 3.4844 88.483/ 88.504	1.5050 38.23	0.1150 2.921		

Engine Index: CASE

Engine-Code	Years	Cyl	CC	Line
336/B/BD/BDT		4	5459	1

Engine-Code	Years	Cyl	CC	Line

Car Model Index: CASE

Model	Engine	Years	Cyl	CC	Line
300 Series Skidder	336/B/BD/BDT		4	5459	1
300C Skidder	336/B/BD/BDT		4	5459	1
400 Series Skidder	336/B/BD/BDT		4	5459	1
400C Skidder	336/B/BD/BDT		4	5459	1

Model	Engine	Years	Cyl	CC	Line
475 Crawler	336/B/BD/BDT		4	5459	1
475 Layer	336/B/BD/BDT		4	5459	1
600 Series Skidder	336/B/BD/BDT		4	5459	1
680 Series Tractor	336/B/BD/BDT		4	5459	1

Model	Engine	Years	Cyl	CC	Line
680CKE Tractor	336/B/BD/BDT		4	5459	1
780 Crawler	336/B/BD/BDT		4	5459	1
780 Tractor	336/B/BD/BDT		4	5459	1
780CK Tractor	336/B/BD/BDT		4	5459	1
800 Series	336/B/BD/BDT		4	5459	1
800 Series Crawler	336/B/BD/BDT		4	5459	1
800 Series Windrower	336/B/BD/BDT		4	5459	1
825 Skidder	336/B/BD/BDT		4	5459	1
850 Tractor	336/B/BD/BDT		4	5459	1

Model	Engine	Years	Cyl	CC	Line
870 Tractor	336/B/BD/BDT		4	5459	1
880 Crawler	336/B/BD/BDT		4	5459	1
880 Excavator	336/B/BD/BDT		4	5459	1
PT 336 Skidder	336/B/BD/BDT		4	5459	1
T336 Skidder	336/B/BD/BDT		4	5459	1
TB336 Skidder	336/B/BD/BDT		4	5459	1
W14 Series Loader	336/B/BD/BDT		4	5459	1
WB10 Series F Loader	336/B/BD/BDT		4	5459	1

CASE				CASE				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
1	336/B/BD/BDT	5459 cc	117.48 X 127.00	4 cyl	300 Series Skidder, 300C Skidder, 400 Series Skidder, 400C Skidder, 475 Crawler, 475 Layer, 600 Series Skidder, 680 Series Tractor, 680CKE Tractor, 780 Crawler, 780 Tractor, 780CK Tractor, 800 Series, 800 Series Crawler, 800 Series Windrower, 825 Skidder, 850 Tractor, 870 Tractor, 880 Crawler, 880 Excavator, PT 336 Skidder, T336 Skidder, TB336 Skidder, W14 Series Loader, WB10 Series F Loader		1	
CR4066CP <i>Under Development</i> -2571281 CLE:CB-1237P(4) FMO:4-3635CP		C4066	4 Pairs		2.9980/ 2.9990 76.149/ 76.175	3.1505/ 3.1510 80.023/ 80.035	1.5960 40.54	0.0751 1.908
MB5102CP <i>Under Development</i> -2571281 CLE:MS-1495P FMO:5043M		M5102/1U M5102/1L	3 Pairs	1-3-5	3.4980/ 3.4990 88.849/ 88.875	3.6910/ 3.6920 93.751/ 93.777	2.1610 54.89	0.0952 2.418
		M5102/2U M5102/2L	2 Pairs	2-4	3.4980/ 3.4990 88.849/ 88.875	3.6910/ 3.6920 93.751/ 93.777	1.2240 31.09	0.0952 2.418

Engine Index: CATERPILLAR

Engine-Code	Years	Cyl	CC	Line
D4,D4C		4	0	1
D4,D4D,D4E		4	0	1
D5,D6B,D6C		6	0	2
D5/B/LGP,D6/C		6	0	2
1140,1145,1150		8	0	3
3145,3150,3160		0	0	3
3208 LATE		8	0	4

Engine-Code	Years	Cyl	CC	Line
3126		6	0	5
3406,3406 B		6	0	6
3408,3408 B		8	0	7
3412		12	0	8
3204		4	0	9
3116		6	6600	10

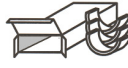




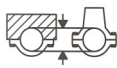


Car Model Index: CATERPILLAR






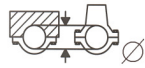


Model	Engine	Years	Cyl	CC	Line
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CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

Model	Engine	Years	Cyl	CC	Line
1099 cu. inch,18.01 l	3408,3408 B		8		7
1649 cu. inch,27.02 l	3412		12		8
2-WHEEL TRACTOR	D5/B/LGP,D6/C		6		2
318 cu. inch,5.12 l	3204		4		9
350 cu. inch,5.73 l	D4,D4C		4		1
350 cu. inch,5.73 l	D4,D4D,D4E		4		1
402 cu. in, 6.6 L	3116		6	6600	10
425 cu. inch,6.97 l	D4,D4C		4		1
425 cu. inch,6.97 l	D4,D4D,D4E		4		1
439 cu. in,7.2 L	3126		6		5
522 cu. inch,8.55 l	1140,1145,1150		8		3
522 cu. inch,8.55 l	3145,3150,3160		0		3
525 cu. inch,8.6 l	D5,D6B,D6C		6		2
525 cu.inch,8.6 l	D5/B/LGP,D6/C		6		2
572 cu. inch,9.38 l	1140,1145,1150		8		3
572 cu. inch,9.38 l	3145,3150,3160		0		3
636 cu. inch,10.42 l	1140,1145,1150		8		3
636 cu. inch,10.42 l	3145,3150,3160		0		3
636 cu. inch,1042 l	3208 LATE		8		4
638 cu. inch,10.45 l	D5,D6B,D6C		6		2
638 cu. inch,10.45 l	D5/B/LGP,D6/C		6		2
893 cu. inch,14.64 l	3406,3406 B		6		6
COMPACTOR	D5/B/LGP,D6/C		6		2
COMPACTOR 826C	D4,D4D,D4E		4		1
DOZER 834 B,834	3408,3408 B		8		7
ENGINES	D5,D6B,D6C		6		2
ENGINES D 330 A,D	D4,D4C		4		1
ENGINES D 330 C,	D4,D4D,D4E		4		1
ENGINES D 333,C	D5/B/LGP,D6/C		6		2
EXCAVATOR 215	3204		4		9
EXCAVATOR 235	D5/B/LGP,D6/C		6		2
EXCAVATOR 245	3406,3406 B		6		6
GENERATOR SET	3406,3406 B		6		6
GENERATOR SET	3408,3408 B		8		7
GENERATOR SET	3412		12		8
INDUSTRIAL ENGINE	D5/B/LGP,D6/C		6		2
LOADERS 943,953	3204		4		9
MARINE ENGINE 3406	3406,3406 B		6		6
MARINE ENGINE 3408	3408,3408 B		8		7
MARINE ENGINE 3412	3412		12		8
MARINE ENGINE D	D4,D4D,D4E		4		1
MARINE ENGINE D	D5/B/LGP,D6/C		6		2

Model	Engine	Years	Cyl	CC	Line
MARINE ENGINES	D4,D4C		4		1
MARINE ENGINES	D5,D6B,D6C		6		2
MARINE INDUSTRIAL	1140,1145,1150		8		3
MARINE INDUSTRIAL	3145,3150,3160		0		3
MOTOR GRADER	D5/B/LGP,D6/C		6		2
MOTOR GRADER 112F	D4,D4D,D4E		4		1
MOTOR GRADER 16 G	3406,3406 B		6		6
MOTOR GRADERS	D4,D4C		4		1
MOTOR GRADERS	D5,D6B,D6C		6		2
NATURAL GAZ	D5,D6B,D6C		6		2
NATURAL GAZ	D5/B/LGP,D6/C		6		2
PIPELAYER	D5/B/LGP,D6/C		6		2
PIPELAYER 561B	D5,D6B,D6C		6		2
RIPPER 977	D5/B/LGP,D6/C		6		2
SCRAPERS	D5/B/LGP,D6/C		6		2
SKIDDER 518	D4,D4D,D4E		4		1
SKIDDER 518	D5,D6B,D6C		6		2
SKIDDER 518,528	D5/B/LGP,D6/C		6		2
TRACTOR 772 B,773 B	3412		12		8
TRAXCAVATOR	D4,D4C		4		1
TRAXCAVATOR	D4,D4D,D4E		4		1
TRAXCAVATOR	D5,D6B,D6C		6		2
TRAXCAVATOR 973	D5/B/LGP,D6/C		6		2
TREE HARVESTER	D4,D4D,D4E		4		1
TRUCK ENGINES 1670	D4,D4C		4		1
TRUCK ENGINES	D5/B/LGP,D6/C		6		2
TRUCK LOADERS 983	3406,3406 B		6		6
VEHICULAR ENGINES	D4,D4D,D4E		4		1
WHEEL LOADER 966B	D5,D6B,D6C		6		2
WHEEL LOADERS	D4,D4C		4		1
WHEEL LOADERS	D4,D4D,D4E		4		1
WHEEL LOADERS	D5/B/LGP,D6/C		6		2
WHEEL LOADERS 980	3412		12		8
WHEEL LOADERS 988	3408,3408 B		8		7
WHEEL TRACTOR	3406,3406 B		6		6
WHEEL TRACTOR	1140,1145,1150		8		3
WHEEL TRACTOR	3145,3150,3160		0		3
WHEEL TRACTOR 631	3408,3408 B		8		7
WHEEL TRACTOR	D5/B/LGP,D6/C		6		2

CATERPILLAR				CATERPILLAR			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	D4,D4C		114.30 X 139.70	4 cyl	350 cu. inch,5.73 l, 425 cu. inch,6.97 l, ENGINES D 330 A,D 330 B, MARINE ENGINES, MOTOR GRADERS, TRAXCAVATOR, TRUCK ENGINES 1670, WHEEL LOADERS		1
	D4,D4D,D4E		120.65 X 152.40	4 cyl	350 cu. inch,5.73 l, 425 cu. inch,6.97 l, COMPACTOR 826C, ENGINES D 330 C, 330A, MARINE ENGINE D		

CATERPILLAR				CATERPILLAR			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
							330 C, MOTOR GRADER 112F, SKIDDER 518, TRAXCAVATOR, TREE HARVESTER 950, VEHICULAR ENGINES 3304, WHEEL LOADERS
CR4314CP <i>Under Development</i> OEM: 8N8220	C4314	4 Pairs		2.9990/ 3.0000 76.175/ 76.200	3.2490/ 3.2500 82.525/ 82.550	1.5040 38.20	0.1236 3.139
MB5355CP <i>Under Development</i> OEM: 7M9290	M5355U M5355L	4 Pairs	1-4	3.4990/ 3.5000 88.875/ 88.900	3.8150/ 3.8160 96.901/ 96.926	1.1300 28.70	0.1570 3.988
	F5355 M5355L	1 Pair	5	3.4990/ 3.5000 88.875/ 88.900	3.8150/ 3.8160 96.901/ 96.926	1.6760 42.57	0.1570 3.988
MB5356CP <i>Under Development</i> OEM: 4W5738	M5355U M5355L	5 Pairs	1-5	3.4990/ 3.5000 88.875/ 88.900	3.8150/ 3.8160 96.901/ 96.926	1.1300 28.70	0.1570 3.988
2	D5,D6B,D6C			114.30 X 139.70	6 cyl	525 cu. inch,8.6 I, 638 cu. inch,10.45 I, ENGINES, MARINE ENGINES 1673,1673B,1674, MOTOR GRADERS, NATURAL GAZ ENGINE G 333 B, PIPELAYER 561B, SKIDDER 518, TRAXCAVATOR, WHEEL LOADER 966B	2
	D5/B/LGP,D6/C			114.30 X 139.70	6 cyl	2-WHEEL TRACTOR 627,627 B, 525 cu.inch,8.6 I, 638 cu. inch,10.45 I, COMPACTOR 815,815B,816, ENGINES D 333,C 3306, EXCAVATOR 235, INDUSTRIAL ENGINE 3306, MARINE ENGINE D 333, MOTOR GRADER, NATURAL GAZ ENGINE G 333 C, PIPELAYER, RIPPER 977, SCRAPERS 627,637,637D,639D, SKIDDER 518,528, TRAXCAVATOR 973 977 K,977 L, TRUCK ENGINES 1673,1673C, WHEEL LOADERS, WHEEL TRACTOR 814,814 B	
CR6789CP <i>Under Development</i> OEM: 8N8220	C4314	6 Pairs		2.9990/ 3.0000 76.175/ 76.200	3.2490/ 3.2500 82.525/ 82.550	1.5040 38.20	0.1236 3.139
MB7107CP <i>Under Development</i> OEM: 4W5738	M5355U M5355L	7 Pairs	1-7	3.4990/ 3.5000 88.875/ 88.900	3.8150/ 3.8160 96.901/ 96.926	1.1300 28.70	0.1570 3.988
MB7737CP <i>Under Development</i> OEM: 7S9843	M5355U M5355L	6 Pairs	1-6	3.4990/ 3.5000 88.875/ 88.900	3.8150/ 3.8160 96.901/ 96.926	1.1300 28.70	0.1570 3.988
	F5355 M5355L	1 Pair	7	3.4990/ 3.5000 88.875/ 88.900	3.8150/ 3.8160 96.901/ 96.926	1.6760 42.57	0.1570 3.988
3	1140,1145,1150			114.30 X 104.14	8 cyl	522 cu. inch,8.55 I, 572 cu. inch,9.38 I, 636 cu. inch,10.42 I, MARINE INDUSTRIAL TRUCK, WHEEL TRACTOR 613,613 B	3

CATERPILLAR				CATERPILLAR				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
3145,3150,3160			114.30 X 104.14	0 cyl	522 cu. inch,8.55 l, 572 cu. inch,9.38 l, 636 cu. inch,10.42 l, MARINE INDUSTRIAL TRUCK, WHEEL TRACTOR 613,613 B			
CR 899CP <i>Under Development</i> OEM: 9N5923	C 899	8 Pairs		2.7490/ 2.7500 69.825/ 69.850	2.9415/ 2.9425 74.714/ 74.740	0.9570 24.31	0.0948 2.408	
MB1034CP OEM: 4W8091	F5360 M5360L	1 Pair		3.4990/ 3.5000 88.875/ 88.900	3.7075/ 3.7085 94.171/ 94.196	1.2259 31.14	0.1022 2.596	
MB1035CP OEM: 4W8092	M5360/2U M5360L	1 Pair		3.4990/ 3.5000 88.875/ 88.900	3.7075/ 3.7085 94.171/ 94.196	1.0000 25.40	0.1022 2.596	
MB5360CP OEM: 4W8092	M5360/2U M5360L	4 Pairs	1-3,5	3.4990/ 3.5000 88.875/ 88.900	3.7075/ 3.7085 94.171/ 94.196	1.0000 25.40	0.1022 2.596	
	F5360 M5360L	1 Pair	4	3.4990/ 3.5000 88.875/ 88.900	3.7075/ 3.7085 94.171/ 94.196	1.2530 31.83	0.1022 2.596	
4	3208 LATE		114.30 X 127.00	8 cyl	636 cu. inch,1042 l		4	
CR1022CP OEM: 7E7894	C8001	1 Pair		2.7488/ 2.7498 69.820/ 69.845	2.9413/ 2.9423 74.709/ 74.734	1.0118 25.70	0.0945 2.400	
CR8001CP OEM: 4W8090	C8001	8 Pairs		2.7488/ 2.7498 69.820/ 69.845	2.9413/ 2.9423 74.709/ 74.734	1.0118 25.70	0.0945 2.400	
MB1034CP OEM: 4W8091	F5360 M5360L	1 Pair		3.4990/ 3.5000 88.875/ 88.900	3.7075/ 3.7085 94.171/ 94.196	1.2259 31.14	0.1022 2.596	
MB1035CP OEM: 4W8092	M5360/2U M5360L	1 Pair		3.4990/ 3.5000 88.875/ 88.900	3.7075/ 3.7085 94.171/ 94.196	1.0000 25.40	0.1022 2.596	
MB1036CP OEM: 4W8093	M5360/1U M5360L	1 Pair		3.4990/ 3.5000 88.875/ 88.900	3.7075/ 3.7085 94.171/ 94.196	1.0000 25.40	0.1022 2.596	
MB5361CP OEM: 4W8092	M5360/1U M5360L	1 Pair	1	3.4990/ 3.5000 88.875/ 88.900	3.7075/ 3.7085 94.171/ 94.196	1.0000 25.40	0.1022 2.596	
	M5360/2U M5360L	3 Pairs	2,3,5	3.4990/ 3.5000 88.875/ 88.900	3.7075/ 3.7085 94.171/ 94.196	1.0000 25.40	0.1022 2.596	
	F5360 M5360L	1 Pair	4	3.4990/ 3.5000 88.875/ 88.900	3.7075/ 3.7085 94.171/ 94.196	1.2259 31.14	0.1022 2.596	
5	3126		110.00 X 127.00	6 cyl	439 cu. in,7.2 L		5	
CR6790CP <i>SUPERSEDED BY CR6790CP</i> OEM: 7W9415	C6790	6 Pairs		2.7551/ 2.7567 69.980/ 70.020	2.9523/ 2.9533 74.988/ 75.014	1.3326 33.85	0.0968 2.459	
MB7739CP <i>Under Development</i> OEM: 107-7708	M7738U	6 Pairs		3.5425/ 3.5441 89.980/ 90.020	3.7397/ 3.7407 94.988/ 95.014	1.2519 31.80	0.0958 2.433	
	F7738 M7738U	1 Pair		3.5425/ 3.5441 89.980/ 90.020	3.7397/ 3.7407 94.988/ 95.014	1.4893 37.83	0.0958 2.433	
6	3406,3406 B		137.16 X 165.10	6 cyl	893 cu. inch,14.64 l, EXCAVATOR 245, GENERATOR SET 3406 B, MARINE ENGINE 3406 B, MOTOR GRADER 16 G, TRUCK LOADERS 983 B, WHEEL TRACTOR		6	
CR6646CP CLE: CB-1262AL(6) OEM: 9Y9497	C 191	6 Pairs		3.8189/ 3.8197 97.000/ 97.020	4.0743/ 4.0753 103.487/103.513	1.5350 38.99	0.1257 3.193	
MB7702CP OEM: 4W5492	M 155	7 Pairs		4.7479/ 4.7489 120.597/120.622	5.1133/ 5.1143 129.878/129.903	1.6460 41.81	0.1803 4.580	
7	3408,3408 B		137.16 X 152.40	8 cyl	1099 cu. inch,18.01 l, DOZER 834 B,834 S,834 U,		7	

CATERPILLAR					CATERPILLAR				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
								GENERATOR SET 3408 B, MARINE ENGINE 3408 B, WHEEL LOADERS 988 B, WHEEL TRACTOR 631 D,768 C	
CR 831CP CLE:CB-1262AL (8) OEM: 9Y9497	C 191	8 Pairs		3.8189/ 3.8197 97.000/ 97.020	4.0743/ 4.0753 103.487/103.513	1.5350 38.99	0.1257 3.193		
MB5104CP CLE:MS-2848AL OEM: 4W5492	M 155	5 Pairs		4.7479/ 4.7489 120.597/120.622	5.1133/ 5.1143 129.878/129.903	1.6460 41.81	0.1803 4.580		
8 3412			137.16 X 152.40	12 cyl	1649 cu. inch,27.02 l, GENERATOR SET 3412, MARINE ENGINE 3412, TRACTOR 772 B,773 B, WHEEL LOADERS 980 C,992 C,D9L		8		
CR1204CP OEM: 9Y9497	C 191	12 Pairs		3.8189/ 3.8197 97.000/ 97.020	4.0743/ 4.0753 103.487/103.513	1.5350 38.99	0.1257 3.193		
MB7702CP OEM: 4W5492	M 155	7 Pairs		4.7479/ 4.7489 120.597/120.622	5.1133/ 5.1143 129.878/129.903	1.6460 41.81	0.1803 4.580		
9 3204			114.30 X 127.00	4 cyl	318 cu. inch,5.12 l, EXCAVATOR 215, LOADERS 943,953		9		
CR1023CP OEM: 8N6308	C1023	1 Pair		2.7490/ 2.7500 69.825/ 69.850	2.9413/ 2.9423 74.709/ 74.734	1.2600 32.00	0.0948 2.408		
MB1037CP <i>Under Development</i>	M1037U M1037L	1 Pair		3.4990/ 3.5000 88.875/ 88.900	3.7075/ 3.7085 94.171/ 94.196	1.1730 29.79	0.1022 2.596		
MB1038CP <i>Under Development</i>	M1038U M1037L	1 Pair		3.4990/ 3.5000 88.875/ 88.900	3.7075/ 3.7085 94.171/ 94.196	1.1730 29.79	0.1022 2.596		
10 3116			6600 cc 105.00 X 127.00	6 cyl	402 cu. in, 6.6 L		10		
CR6790CP <i>SUPERSEDED BY CR6790CP</i>	C6790	6 Pairs		2.7551/ 2.7567 69.980/ 70.020	2.9523/ 2.9533 74.988/ 75.014	1.3326 33.85	0.0968 2.459		
MB7738CP OEM: 212-4893	M7738/2U M7738/2L	3 Pairs	2-3-5	3.5425/ 3.5441 89.980/ 90.020	3.7397/ 3.7407 94.988/ 95.014	1.2550 31.88	0.0960 2.438		
	M7738/1 M7738/2L	3 Pairs	1-4-7	3.5425/ 3.5441 89.980/ 90.020	3.7397/ 3.7407 94.988/ 95.014	1.2550 31.88	0.0960 2.438		
	F7738 M7738/2L	1 Pair	6	3.5425/ 3.5441 89.980/ 90.020	3.7397/ 3.7407 94.988/ 95.014	1.4890 37.82	0.0960 2.438		

Engine Index: CATERPILLAR 1

Engine-Code	Years	Cyl	CC	Line
3204		4	5200	1
3204		4	5200	2
D330, D330A-B		4	5730	3
3116		6	6600	4
3304		4	6970	5
D330, D330C		4	6970	5
3126		6	7200	6

Engine-Code	Years	Cyl	CC	Line
1140, 1145		8	8550	8
3145		8	8550	8
D333 Serial numbers 58B1->		6	8600	7
D334		6	8600	7
G333		6	8600	7
1150		8	9380	8
3150		8	9380	8

Engine-Code	Years	Cyl	CC	Line
1160		8	10420	8
3160		8	10420	8
3208 Early		8	10420	9
3208 Late		8	10420	9
D333C		6	10450	10

Engine-Code	Years	Cyl	CC	Line
3406, 3406B		6	14640	11
3406C, 3406E		6	14640	12
3408, 3408B		8	18010	13
3412, 3412T		12	27020	14






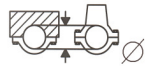


Car Model Index: CATERPILLAR 1

Model	Engine	Years	Cyl	CC	Line
Crawler Tractor D4,	D330, D330A-B		4	5730	3
Dozer 834B, 834S,	3408, 3408B		8	18010	13
Excavator 215	3204		4	5200	1
Loaders 910, 931	3204		4	5200	2
Loaders 943, 953	3204		4	5200	1









Model	Engine	Years	Cyl	CC	Line
Tractor D3	3204		4	5200	2
Tractors 631D, 633D,	3408, 3408B		8	18010	13
Truck 1670	D330, D330A-B		4	5730	3

CATERPILLAR 1					CATERPILLAR 1				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
1	3204		5200 cc	114.30 X 127.00	4 cyl	Excavator 215, Loaders 943, 953		1	
	CR1023SI								
	CR4354SI								
	MB1037SI								
	MB1038SI								
	MB5400SI								
2	3204		5200 cc	114.30 X 127.00	4 cyl	Loaders 910, 931, Tractor D3		2	
	CR1023SI								
	CR4354SI								
	MB1035SI								
	MB1036SI								
3	D330, D330A-B		5730 cc	114.30 X 139.70	4 cyl	Crawler Tractor D4, D4C, D4D, Truck 1670		3	
	CR4314SI								
	MB5355SI								
4	3116		6600 cc	105.00 X 127.00	6 cyl			4	
	CR6790SI <i>SUPERSEDED BY CR6790SI</i>	C6790	6 Pairs	2.7551/ 2.7567 69.980/ 70.020	2.9523/ 2.9533 74.988/ 75.014	1.3326 33.85	0.0968 2.459		

CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

CATERPILLAR 1				CATERPILLAR 1			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
CLE:CB-1620P(6)							
MB7738SI <i>SUPERSEDED BY MB7738SI</i>	M7738/2U M7738/2L	3 Pairs	2-3-5	3.5425/ 3.5441 89.980/ 90.020	3.7397/ 3.7407 94.988/ 95.014	1.2550 31.88	0.0960 2.438
CLE:MS-2065P							
	M7738/1 M7738/2L	3 Pairs	1-4-7	3.5425/ 3.5441 89.980/ 90.020	3.7397/ 3.7407 94.988/ 95.014	1.2550 31.88	0.0960 2.438
	F7738 M7738/2L	1 Pair	6	3.5425/ 3.5441 89.980/ 90.020	3.7397/ 3.7407 94.988/ 95.014	1.4890 37.82	0.0960 2.438
5	D330, D330C		6970 cc	120.65 X 152.40	4 cyl		5
	3304		6970 cc	120.65 X 152.40	4 cyl		
CR4314SI							
MB5356SI							
6	3126		7200 cc	110.00 X 127.00	6 cyl		6
CLE:CB-1620P(6)							
CR6790SI <i>SUPERSEDED BY CR6790SI</i>	C6790	6 Pairs		2.7551/ 2.7567 69.980/ 70.020	2.9523/ 2.9533 74.988/ 75.014	1.3326 33.85	0.0968 2.459
CLE:CB-1620P(6)							
MB7739SI							
7	D333 Serial numbers 58B1->, 59B1->, 79B1->, 80B1->, 87B1->, 88B1->		8600 cc	114.30 X 139.70	6 cyl		7
	G333		8600 cc	114.30 X 139.70	6 cyl		
	D334		8600 cc	114.30 X 139.70	6 cyl		
CR6789SI							
MB7737SI							
8	1140, 1145		8550 cc	114.30 X 104.14	8 cyl		8
	3145		8550 cc	114.30 X 104.14	8 cyl		
	1150		9380 cc	114.30 X 144.30	8 cyl		
	3150		9380 cc	114.30 X 114.30	8 cyl		
	1160		10420 cc	114.30 X 127.00	8 cyl		
	3160		10420 cc	114.30 X 127.00	8 cyl		
CR 899SI							
MB1034SI							
MB1035SI							
MB5360SI							
9	3208 Early		10420 cc	114.30 X 127.00	8 cyl		9

CATERPILLAR 1				CATERPILLAR 1				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
3208 Late		10420 cc	114.30 X 127.00	8 cyl				
CR1022SI <i>For use in 3208 Late</i>								
CR8001SI <i>For use in 3208 Late</i>								
MB1034SI								
MB1035SI								
MB1036SI								
MB5360SI								
MB5361SI								
10	D333C	10450 cc	120.65 X 152.40	6 cyl			10	
CR6789SI								
MB7107SI								
11	3406, 3406B	14640 cc	137.16 X 165.10	6 cyl			11	
CR 191SI								
CR6646SI								
MB 155SI								
MB7702SI								
TW 130AM <i>With lug</i>								
12	3406C, 3406E	14640 cc	137.16 X 165.10	6 cyl			12	
MB 155SI								
MB7702SI								
TW 130AM <i>With lug</i>								
13	3408, 3408B	18010 cc	137.16 X 152.40	8 cyl	Dozer 834B, 834S, 834U, Tractors 631D, 633D, 637D		13	
CR 191SI								
CR 831SI								
MB 155SI								

CATERPILLAR 1				CATERPILLAR 1			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
MB5104SI							
TW 130AM <i>With lug</i>							
14	3412, 3412T		27020 cc	137.16 X 152.40	12 cyl		14
CR 191SI							
CR1204SI							
MB 155SI							
MB7702SI							
TW 130AM <i>With lug</i>							

Engine Index: CHRYSLER

Engine-Code	Years	Cyl	CC	Line
G4HC L4 Hyundai 61CI /1.0Liter,	01/2000-	4	999	1
G4HG L4 Hyundai 66CI /1.1Liter,	01/2000-	4	1086	1
G12B L4 Mitsubishi 86CI	01/1979-	4	1410	3
4G15 L4 Mitsubishi 90CI SOHC,	01/1985-	4	1468	2
4G15 L4 Mitsubishi 90CI	01/1991-	4	1468	3
4G15 L4 Mitsubishi 90CI	01/1987-	4	1468	4
E82 L4 Peugeot 97CI /1.6Liter,	01/1983-	4	1591	5
4G61 L4 Mitsubishi 98CI	01/1989-	4	1597	7
4G61 L4 Mitsubishi 98CI	01/1990-	4	1597	7
G32BT L4 Mitsubishi 98CI	01/1971-	4	1597	7
G32BT L4 Mitsubishi 98CI	01/1971-	4	1597	7
104CI /1.7Liter L4 Volkswagen	01/1978-	4	1706	6
4G37 L4 Mitsubishi 108CI	01/1989-	4	1755	7
110CI /1.8Liter L4 SOHC, 8	01/1975-	4	1798	8
ECB L4 122CI /2.0Liter, SOHC,	01/1996-	4	1996	9
ECC,ECC,420A L4 122CI	01/1996-	4	1996	9
420A,ECC L4 122CI /2.0Liter,	01/1995-	4	1996	10
ECB L4 122CI /2.0Liter, SOHC,	01/1995-	4	1996	10
4G63 L4 Mitsubishi 122CI	01/1993-	4	1997	13
4G63T L4 Mitsubishi 122CI	01/1993-	4	1997	13
G52B L4 Mitsubishi 122CI	01/1979-	4	1997	21
4G63 L4 Mitsubishi 122CI	01/1983-	4	1997	15
4G63 L4 Mitsubishi 122CI	01/1989-	4	1997	15
4G63T L4 Mitsubishi 122CI	01/1990-	4	1997	15
G52B L4 Mitsubishi 122CI	01/1974-	4	1997	22
J7T L4 Renault 132CI /2.2Liter,	01/1988-	4	2165	11
134CI /2.2Liter L4 SOHC, 8	01/1981-	4	2212	20
134CI /2.2Liter L4 DOHC, 16	01/1988-	4	2212	20
134CI /2.2Liter L4 SOHC, 8	01/1984-	4	2212	20
134CI /2.2Liter L4 DOHC, 16	01/1988-	4	2212	20

Engine-Code	Years	Cyl	CC	Line
4D55T L4 Mitsubishi 143CI	01/1983-	4	2346	12
4G64 L4 Mitsubishi 144CI	01/1993-	4	2351	13
4G64 L4 Mitsubishi 144CI	01/1993-	4	2351	13
4G64 L4 Mitsubishi 144CI	01/2001-	4	2351	14
4G64 L4 Mitsubishi 144CI	01/1990-	4	2351	15
148CI /2.4Liter L4 DOHC, 16	01/1995-	4	2429	16
EDZ L4 148CI /2.4Liter, DOHC,	01/2003-	4	2429	16
150CI /2.5Liter L4 Renault	01/1988-	4	2460	17
6G73 V6 Mitsubishi 152CI	01/1995-	6	2497	18
425CLIRS / X L4 152CI /2.5Liter,	01/2001-	4	2499	19
425HRCLTI L4 152CI /2.5Liter,	01/2003-	4	2499	19
153CI /2.5Liter L4 SOHC, 8	01/1986-	4	2500	20
153CI /2.5Liter L4 SOHC, 8	01/1989-	4	2500	20
G54B L4 Mitsubishi 156CI	01/1979-	4	2555	21
G54B L4 Mitsubishi 156CI	01/1979-	4	2555	21
G54B L4 Mitsubishi 156CI	01/1984-	4	2555	21
G54B L4 Mitsubishi 156CI	01/1978-	4	2555	22
OM647LA V5 Mercedes Benz	01/2003-	5	2684	23
OM612LA V5 Mercedes Benz	01/2003-	5	2685	23
EER V6 167CI /2.7Liter, DOHC,	01/1998-	6	2700	24
170CI /2.8Liter L6 OHV, 12	01/1960-	6	2800	28
6G72 V6 Mitsubishi 181CI	01/1991-	6	2972	25
6G72 V6 Mitsubishi 181CI	01/1991-	6	2972	25
6G72 V6 Mitsubishi 181CI	01/1987-	6	2972	26
6G72 V6 Mitsubishi 181CI	01/2001-	6	2972	26
EGW V6 197CI /3.2Liter, SOHC,	01/1998-	6	3200	27
198CI /3.2Liter L6 OHV, 12	01/1969-	6	3254	28
201CI /3.3Liter V6 OHV, 12	01/1990-	6	3301	34
215CI /3.5Liter V6 SOHC, 24	01/1993-	6	3497	29
215CI /3.5Liter V6 ALUMINUM	01/1991-	6	3497	30

Engine-Code	Years	Cyl	CC	Line
215CI /3.5Liter L6 HEMI, OHV,	01/1970-	6	3523	36
225CI /3.7Liter L6 FORGED	01/1960-	6	3687	31
225CI /3.7Liter L6 CAST CRANK,	01/1976-	6	3687	32
226CI /3.7Liter V6 MAGNUM,	01/2002-	6	3703	33
232CI /3.8Liter V6 OHV, 12	01/1991-	6	3778	34
238CI /3.9Liter V6 MAGNUM,	01/1987-	6	3906	35
245CI /4.0Liter L6 HEMI, OHV,	01/1970-	6	4015	36
265CI /4.3Liter L6 HEMI, OHV,	01/1971-	6	4342	36
273CI /4.5Liter V8 OHV, 16	01/1964-	8	4540	40
277CI /4.6Liter V8 OHV, 16	01/1956-	8	4540	40
287CI /4.7Liter V8	01/2000-	8	4700	37
301CI /4.9Liter V8 OHV, 16	01/1957-	8	4933	40
303CI /5.0Liter V8 OHV, 16	01/1956-	8	4966	40
313CI /5.1Liter V8 OHV, 16	01/1957-	8	5130	40
318CI /5.2Liter V8 OHV, 16	01/1957-	8	5211	40
318CI /5.2Liter V8 OHV, 16	01/1974-	8	5211	38
318CI /5.2Liter V8 OHV, 16	01/1979-	8	5211	39
326CI /5.3Liter V8 OHV, 16	01/1959-	8	5343	40
340CI /5.6Liter V8 OHV, 16	01/1968-	8	5572	40
EZA,EZB,EZC,EZD,EZE,EZH,	01/2003-	8	5653	47
350CI /5.7Liter V8 OHV, 16	01/1958-	8	5737	48
359CI /5.9Liter L6 Cummins	01/1989-	6	5883	41

Engine-Code	Years	Cyl	CC	Line
QSB L6 Cummins 359CI	01/2003-	6	5883	42
ISB L6 Cummins 359CI /5.9Liter,	01/1998-	6	5883	43
ISB L6 Cummins 359CI /5.9Liter,	01/2003-	6	5883	44
360CI /5.9Liter V8 OHV, 16	01/1971-	8	5899	45
360CI /5.9Liter V8 OHV, 16	01/1974-	8	5899	46
361CI /5.9Liter V8 OHV, 16	01/1958-	8	5917	48
361CI /5.9Liter V8 OHV, 16	01/1966-	8	5917	48
370CI /6.1Liter V8 HEMI, OHV,	01/2006-	8	6059	47
383CI /6.3Liter V8 OHV, 16	01/1961-	8	6286	48
383CI /6.3Liter V8 OHV, 16	01/1959-	8	6286	50
403CI /6.6Liter V8 OHV, 16	01/1972-	8	6555	48
ETJ L6 Cummins 408CI /6.7Liter,	01/2007-	6	6685	49
413CI /6.8Liter V8 OHV, 16	01/1959-	8	6769	50
413CI /6.8Liter V8 HT413, OHV,	01/1960-	8	6769	50
426CI /7.0Liter V8 WEDGE,	01/1963-	8	6981	50
426CI /7.0Liter V8 HEMI, OHV,	01/1964-	8	6981	51
440CI /7.2Liter V8 OHV, 16	01/1966-	8	7211	50
440CI /7.2Liter V8 OHV, 16	01/1972-	8	7211	50
440CI /7.2Liter V8 OHV, 16	01/1966-	8	7211	51
488CI /8.0Liter V10 IRON	01/1994-	10	7990	52
488CI /8.0Liter V10 ALUMINUM	01/1994-	10	7990	53

Car Model Index: CHRYSLER

Model	Engine	Years	Cyl	CC	Line
100 Series (1/2 Ton)	440CI /7.2Liter V8	1972-80	8	7211	50
150 Series (1/2 Ton)	440CI /7.2Liter V8	1978-80	8	7211	50
200 Series (3/4 Ton)	440CI /7.2Liter V8	1972-80	8	7211	50
250 Series (3/4 Ton)	440CI /7.2Liter V8	1978-80	8	7211	50
300	EER V6 167CI		6	2700	24
300	215CI /3.5Liter V6	2005	6	3497	30
300 Series (1 Ton)	440CI /7.2Liter V8	1972-80	8	7211	50
300, Barracuda,	440CI /7.2Liter V8		8	7211	51
300, Charger,	370CI /6.1Liter V8		8	6059	47
300C	EZA,EZB,EZC,EZD		8	5653	47
300M	215CI /3.5Liter V6	1999-04	6	3497	30
350 Series (1 Ton)	440CI /7.2Liter V8	1978-80	8	7211	50
A100	170CI /2.8Liter L6		6	2800	28
A100	198CI /3.2Liter L6		6	3254	28
A100	273CI /4.5Liter V8		8	4540	40
A100	318CI /5.2Liter V8		8	5211	40
A100	225CI /3.7Liter L6	1963-69	6	3687	31
Acclaim	153CI /2.5Liter L4	1989-95	4	2500	20
Aries	G54B L4 Mitsubishi	1981-85	4	2555	21
Aries	153CI /2.5Liter L4	1986-89	4	2500	20
Arrow	G52B L4 Mitsubishi	1975-80	4	1997	21
Arrow	G54B L4 Mitsubishi	1979-80	4	2555	21
Arrow	G54B L4 Mitsubishi	1979-82	4	2555	21
Arrow	G32BT L4	1976-80	4	1597	7
Aspen	318CI /5.2Liter V8	1976-80	8	5211	38
Aspen	360CI /5.9Liter V8	1976-80	8	5899	45
Aspen	287CI /4.7Liter V8		8	4700	37
Aspen	EZA,EZB,EZC,EZD		8	5653	47
Aspen	225CI /3.7Liter L6	1976	6	3687	31
Aspen	225CI /3.7Liter L6	1976-80	6	3687	32
Atos, Atos Prime	G4HC L4 Hyundai		4	999	1
Atos, Atos Prime	G4HG L4 Hyundai		4	1086	1
Avenger	ECC,ECF,420A L4	1995-99	4	1996	9
Avenger	110CI /1.8Liter L4	1975-81	4	1798	8
Avenger	EER V6 167CI		6	2700	24
Avenger	6G73 V6 Mitsubishi		6	2497	18

Model	Engine	Years	Cyl	CC	Line
Barracuda	273CI /4.5Liter V8	1964-68	8	4540	40
Barracuda	318CI /5.2Liter V8	1968-73	8	5211	40
Barracuda	340CI /5.6Liter V8	1968-73	8	5572	40
Barracuda	318CI /5.2Liter V8		8	5211	38
Barracuda	383CI /6.3Liter V8		8	6286	48
Barracuda	360CI /5.9Liter V8	1971-74	8	5899	45
Barracuda	440CI /7.2Liter V8	1970-71	8	7211	50
Barracuda	426CI /7.0Liter V8		8	6981	51
Barracuda	225CI /3.7Liter L6	1967-72	6	3687	31
Belvedere	277CI /4.6Liter V8	1956	8	4540	40
Belvedere	301CI /4.9Liter V8	1957	8	4933	40
Belvedere	303CI /5.0Liter V8	1956	8	4966	40
Belvedere	318CI /5.2Liter V8	1958-70	8	5211	40
Belvedere	350CI /5.7Liter V8	1958	8	5737	48
Belvedere	361CI /5.9Liter V8	1959-66	8	5917	48
Belvedere	383CI /6.3Liter V8	1960-70	8	6286	48
Belvedere	413CI /6.8Liter V8		8	6769	50
Belvedere	426CI /7.0Liter V8	1963-70	8	6981	50
Belvedere	440CI /7.2Liter V8	1967-70	8	7211	50
Belvedere	426CI /7.0Liter V8		8	6981	51
Belvedere	225CI /3.7Liter L6	1960-69	6	3687	31
Breeze	ECB L4 122CI	1996-99	4	1996	9
Breeze	148CI /2.4Liter L4		4	2429	16
Brougham	403CI /6.6Liter V8		8	6555	48
Brougham	360CI /5.9Liter V8		8	5899	45
C500	318CI /5.2Liter V8		8	5211	40
C500	361CI /5.9Liter V8		8	5917	48
C800	361CI /5.9Liter V8		8	5917	48
CT700	361CI /5.9Liter V8		8	5917	48
CT800	361CI /5.9Liter V8		8	5917	48
Caravan	G54B L4 Mitsubishi	1984-87	4	2555	21
Caravan	134CI /2.2Liter L4	1984-87	4	2212	20
Caravan	153CI /2.5Liter L4	1987-95	4	2500	20
Caravan	201CI /3.3Liter V6	1991-99	6	3301	34
Caravan	232CI /3.8Liter V6	1996-99	6	3778	34
Caravan	148CI /2.4Liter L4		4	2429	16

Model	Engine	Years	Cyl	CC	Line
Caravelle	G54B L4 Mitsubishi		4	2555	21
Caravelle	134CI /2.2Liter L4	1985-89	4	2212	20
Caravelle	134CI /2.2Liter L4	1985-88	4	2212	20
Caravelle	153CI /2.5Liter L4	1986-89	4	2500	20
Caravelle	360CI /5.9Liter V8		8	5899	45
Challenger	EZA,EZB,EZC,EZD		8	5653	47
Challenger	G54B L4 Mitsubishi		4	2555	21
Challenger	198CI /3.2Liter L6		6	3254	28
Challenger	318CI /5.2Liter V8		8	5211	40
Challenger	340CI /5.6Liter V8	1970-73	8	5572	40
Challenger	383CI /6.3Liter V8	1970-71	8	6286	48
Challenger	360CI /5.9Liter V8	1971-74	8	5899	45
Challenger	440CI /7.2Liter V8	1970-74	8	7211	50
Challenger	426CI /7.0Liter V8		8	6981	51
Challenger	225CI /3.7Liter L6	1970-71	6	3687	31
Challenger	G32BT L4	1978-79	4	1597	7
Challenger, Charger,	440CI /7.2Liter V8		8	7211	51
Champ	G32BT L4	1979-82	4	1597	7
Champ	G12B L4 Mitsubishi	1979-84	4	1410	3
Charger	E82 L4 Peugeot	1983-86	4	1591	5
Charger	104CI /1.7Liter L4	1982-83	4	1706	6
Charger	134CI /2.2Liter L4	1981-87	4	2212	20
Charger	134CI /2.2Liter L4		4	2212	20
Charger	273CI /4.5Liter V8		8	4540	40
Charger	318CI /5.2Liter V8	1967-73	8	5211	40
Charger	340CI /5.6Liter V8	1970-73	8	5572	40
Charger	318CI /5.2Liter V8		8	5211	38
Charger	361CI /5.9Liter V8	1966	8	5917	48
Charger	383CI /6.3Liter V8	1966-71	8	6286	48
Charger	403CI /6.6Liter V8	1972-78	8	6555	48
Charger	360CI /5.9Liter V8	1971-78	8	5899	45
Charger	440CI /7.2Liter V8	1967-74	8	7211	50
Charger	426CI /7.0Liter V8		8	6981	51
Charger	EER V6 167CI		6	2700	24
Charger	215CI /3.5Liter V6	2006-08	6	3497	30
Charger	EZA,EZB,EZC,EZD		8	5653	47
Charger	225CI /3.7Liter L6	1969-74	6	3687	31
Cherokee, Grand	425CLIRS / X L4		4	2499	19
Cherokee, Grand	425HRCLTI L4		4	2499	19
Cirrus	148CI /2.4Liter L4		4	2429	16
Cirrus	6G73 V6 Mitsubishi		6	2497	18
Colt	4G15 L4 Mitsubishi	1985-90	4	1468	2
Colt	4G64 L4 Mitsubishi	1992-93	4	2351	13
Colt	G52B L4 Mitsubishi	1978-80	4	1997	21
Colt	G54B L4 Mitsubishi		4	2555	21
Colt	4G61 L4 Mitsubishi	1989-90	4	1597	7
Colt	4G61 L4 Mitsubishi	1990	4	1597	7
Colt	G32BT L4	1971-84	4	1597	7
Colt	G32BT L4	1971-84	4	1597	7
Colt	4G37 L4 Mitsubishi	1989-94	4	1755	7
Colt	4G64 L4 Mitsubishi	2001-05	4	2351	14
Colt	G12B L4 Mitsubishi	1979-84	4	1410	3
Colt	4G15 L4 Mitsubishi	1991-96	4	1468	3
Concorde	201CI /3.3Liter V6	1993-96	6	3301	34
Concorde	215CI /3.5Liter V6	1993-97	6	3497	29
Concorde	EER V6 167CI		6	2700	24
Concorde	215CI /3.5Liter V6	1999-04	6	3497	30
Concorde	EGW V6 197CI	1998-	6	3200	27
Conquest	G54B L4 Mitsubishi		4	2555	21
Conquest	G54B L4 Mitsubishi	1984-90	4	2555	21
Cordoba	318CI /5.2Liter V8	1975-83	8	5211	38
Cordoba	403CI /6.6Liter V8	1975-78	8	6555	48
Cordoba	360CI /5.9Liter V8	1975-80	8	5899	45
Cordoba	225CI /3.7Liter L6	1980-83	6	3687	32
Coronet	273CI /4.5Liter V8	1965-68	8	4540	40

Model	Engine	Years	Cyl	CC	Line
Coronet	318CI /5.2Liter V8	1963-73	8	5211	40
Coronet	326CI /5.3Liter V8	1959	8	5343	40
Coronet	340CI /5.6Liter V8	1970-73	8	5572	40
Coronet	318CI /5.2Liter V8		8	5211	38
Coronet	361CI /5.9Liter V8	1963-66	8	5917	48
Coronet	383CI /6.3Liter V8		8	6286	48
Coronet	403CI /6.6Liter V8	1972-76	8	6555	48
Coronet	360CI /5.9Liter V8	1971-76	8	5899	45
Coronet	413CI /6.8Liter V8		8	6769	50
Coronet	426CI /7.0Liter V8	1965-71	8	6981	50
Coronet	440CI /7.2Liter V8	1967-76	8	7211	50
Coronet	426CI /7.0Liter V8		8	6981	51
Coronet	225CI /3.7Liter L6	1965-73	6	3687	31
Crown	440CI /7.2Liter V8		8	7211	50
Crown, Fury, GTX, Gran	440CI /7.2Liter V8		8	7211	51
Custom Royal	361CI /5.9Liter V8		8	5917	48
D-Series	359CI /5.9Liter L6	1990-93	6	5883	41
D500	318CI /5.2Liter V8		8	5211	40
D500	360CI /5.9Liter V8		8	5899	45
D600	360CI /5.9Liter V8		8	5899	45
Dakota	134CI /2.2Liter L4		4	2212	20
Dakota	153CI /2.5Liter L4		4	2500	20
Dakota	238CI /3.9Liter V6	1987-03	6	3906	35
Dakota	318CI /5.2Liter V8	1989-99	8	5211	38
Dakota	360CI /5.9Liter V8	1998-99	8	5899	45
Dakota	287CI /4.7Liter V8	2000-06	8	4700	37
Dakota	226CI /3.7Liter V6	2004-06	6	3703	33
Dart	170CI /2.8Liter L6	1960-69	6	2800	28
Dart	198CI /3.2Liter L6		6	3254	28
Dart	273CI /4.5Liter V8	1964-69	8	4540	40
Dart	318CI /5.2Liter V8	1968-77	8	5211	40
Dart	340CI /5.6Liter V8	1968-73	8	5572	40
Dart	361CI /5.9Liter V8	1960-62	8	5917	48
Dart	383CI /6.3Liter V8	1968-69	8	6286	48
Dart	360CI /5.9Liter V8	1971-76	8	5899	45
Dart	225CI /3.7Liter L6	1960-76	6	3687	31
Dart	225CI /3.7Liter L6	1976	6	3687	32
Daytona	134CI /2.2Liter L4	1984-86	4	2212	20
Daytona	134CI /2.2Liter L4	1988-91	4	2212	20
Daytona	134CI /2.2Liter L4	1984-90	4	2212	20
Daytona	134CI /2.2Liter L4	1992-93	4	2212	20
Daytona	153CI /2.5Liter L4	1986-93	4	2500	20
Daytona	153CI /2.5Liter L4	1989-92	4	2500	20
DeSoto	361CI /5.9Liter V8	1958-61	8	5917	48
Diplomat	318CI /5.2Liter V8	1977-89	8	5211	38
Diplomat	360CI /5.9Liter V8	1977-80	8	5899	45
Diplomat	225CI /3.7Liter L6	1978-82	6	3687	32
Dodge 1500	110CI /1.8Liter L4	1982	4	1798	8
Durango	238CI /3.9Liter V6	1997-03	6	3906	35
Durango	318CI /5.2Liter V8	1997-99	8	5211	38
Durango	360CI /5.9Liter V8	1997-99	8	5899	45
Durango	287CI /4.7Liter V8	2000-06	8	4700	37
Durango	226CI /3.7Liter V6	2004-06	6	3703	33
Durango	EZA,EZB,EZC,EZD		8	5653	47
Duster	198CI /3.2Liter L6	1970-74	6	3254	28
Duster	318CI /5.2Liter V8		8	5211	40
Duster	340CI /5.6Liter V8	1970-73	8	5572	40
Duster	318CI /5.2Liter V8	1970-76	8	5211	38
Duster	360CI /5.9Liter V8	1974-76	8	5899	45
Duster	225CI /3.7Liter L6	1970-76	6	3687	31
Duster	225CI /3.7Liter L6	1976	6	3687	32
Dynasty	153CI /2.5Liter L4	1988-93	4	2500	20
Dynasty	201CI /3.3Liter V6	1990-93	6	3301	34
E-Class	G54B L4 Mitsubishi	1983-84	4	2555	21
E-Class	134CI /2.2Liter L4	1983-84	4	2212	20

Model	Engine	Years	Cyl	CC	Line
E-Class	134CI /2.2Liter L4	1984	4	2212	20
Firedome	361CI /5.9Liter V8	1958	8	5917	48
Firedome	383CI /6.3Liter V8		8	6286	48
Fireflite	361CI /5.9Liter V8	1958-61	8	5917	48
Fireflite	383CI /6.3Liter V8		8	6286	48
Firesweep	350CI /5.7Liter V8	1958	8	5737	48
Firesweep	361CI /5.9Liter V8	1958-59	8	5917	48
Fury	273CI /4.5Liter V8		8	4540	40
Fury	318CI /5.2Liter V8	1957-73	8	5211	40
Fury	340CI /5.6Liter V8		8	5572	40
Fury	361CI /5.9Liter V8	1959-64	8	5917	48
Fury	383CI /6.3Liter V8	1959-71	8	6286	48
Fury	403CI /6.6Liter V8	1972-78	8	6555	48
Fury	360CI /5.9Liter V8	1971-80	8	5899	45
Fury	413CI /6.8Liter V8		8	6769	50
Fury	426CI /7.0Liter V8	1963-65	8	6981	50
Fury	440CI /7.2Liter V8	1966-78	8	7211	50
Fury	426CI /7.0Liter V8		8	6981	51
Fury	225CI /3.7Liter L6	1960-76	6	3687	31
Fury	225CI /3.7Liter L6	1976-78	6	3687	32
GT100	110CI /1.8Liter L4		4	1798	8
GTX	440CI /7.2Liter V8	1967-71	8	7211	50
GTX	426CI /7.0Liter V8		8	6981	51
Gran Fury	318CI /5.2Liter V8		8	5211	40
Gran Fury	318CI /5.2Liter V8	1970-89	8	5211	38
Gran Fury	403CI /6.6Liter V8	1972-78	8	6555	48
Gran Fury	360CI /5.9Liter V8	1971-80	8	5899	45
Gran Fury	440CI /7.2Liter V8	1970-78	8	7211	50
Gran Fury	225CI /3.7Liter L6	1980-82	6	3687	32
Grand Caravan	G54B L4 Mitsubishi		4	2555	21
Grand Caravan	134CI /2.2Liter L4		4	2212	20
Grand Caravan	153CI /2.5Liter L4		4	2500	20
Grand Caravan	153CI /2.5Liter L4		4	2500	20
Grand Caravan	201CI /3.3Liter V6	1990-99	6	3301	34
Grand Caravan	232CI /3.8Liter V6	1994-99	6	3778	34
Grand Caravan	148CI /2.4Liter L4		4	2429	16
Grand Voyager	134CI /2.2Liter L4		4	2212	20
Grand Voyager	153CI /2.5Liter L4	1987-90	4	2500	20
Grand Voyager	153CI /2.5Liter L4		4	2500	20
Grand Voyager	201CI /3.3Liter V6	1990-99	6	3301	34
Grand Voyager	232CI /3.8Liter V6	1994-99	6	3778	34
Grand Voyager	148CI /2.4Liter L4		4	2429	16
Grand Voyager,	425CLIRS / X L4		4	2499	19
Grand Voyager,	425HRCLTI L4		4	2499	19
Horizon	E82 L4 Peugeot	1983-86	4	1591	5
Horizon	104CI /1.7Liter L4	1978-83	4	1706	6
Horizon	134CI /2.2Liter L4	1981-90	4	2212	20
Imperial	201CI /3.3Liter V6	1990-93	6	3301	34
Imperial	232CI /3.8Liter V6	1991-93	6	3778	34
Imperial	318CI /5.2Liter V8	1981-83	8	5211	38
Imperial	440CI /7.2Liter V8	1966-75	8	7211	50
Imperial, Lebaron,	440CI /7.2Liter V8		8	7211	51
Interpid	215CI /3.5Liter V6	1993-97	6	3497	29
Intrepid	201CI /3.3Liter V6	1993-97	6	3301	34
Intrepid	EER V6 167CI		6	2700	24
Intrepid	215CI /3.5Liter V6	1999-04	6	3497	30
Intrepid	EGW V6 197CI	1998-	6	3200	27
L600	318CI /5.2Liter V8		8	5211	40
L600	361CI /5.9Liter V8		8	5917	48
L600	225CI /3.7Liter L6	1966-70	6	3687	31
L700	361CI /5.9Liter V8		8	5917	48
LHS	215CI /3.5Liter V6	1993-98	6	3497	29
LHS	215CI /3.5Liter V6	1999-01	6	3497	30
Lancer	134CI /2.2Liter L4	1985-89	4	2212	20
Lancer	134CI /2.2Liter L4	1985-89	4	2212	20

Model	Engine	Years	Cyl	CC	Line
Lancer	153CI /2.5Liter L4	1986-89	4	2500	20
Lancer	153CI /2.5Liter L4		4	2500	20
Lancer	170CI /2.8Liter L6	1961-62	6	2800	28
Lancer	225CI /3.7Liter L6	1961-62	6	3687	31
Laser	4G63 L4 Mitsubishi	1989-94	4	1997	13
Laser	4G63T L4	1989-94	4	1997	13
Laser	134CI /2.2Liter L4	1984-86	4	2212	20
Laser	134CI /2.2Liter L4	1984-86	4	2212	20
Laser	153CI /2.5Liter L4	1986	4	2500	20
Laser	4G37 L4 Mitsubishi	1989-94	4	1755	7
Lebaron	G54B L4 Mitsubishi	1982-85	4	2555	21
Lebaron	134CI /2.2Liter L4	1982-89	4	2212	20
Lebaron	134CI /2.2Liter L4	1984-90	4	2212	20
Lebaron	153CI /2.5Liter L4	1986-93	4	2500	20
Lebaron	153CI /2.5Liter L4	1989-92	4	2500	20
Lebaron	318CI /5.2Liter V8	1977-81	8	5211	38
Lebaron	440CI /7.2Liter V8		8	7211	50
Lebaron	225CI /3.7Liter L6	1978-80	6	3687	32
M300	318CI /5.2Liter V8		8	5211	40
M300	360CI /5.9Liter V8		8	5899	45
M300	440CI /7.2Liter V8		8	7211	50
Magnum	318CI /5.2Liter V8	1978-79	8	5211	38
Magnum	403CI /6.6Liter V8	1978	8	6555	48
Magnum	360CI /5.9Liter V8	1978-79	8	5899	45
Magnum	EER V6 167CI		6	2700	24
Magnum	215CI /3.5Liter V6	2005-08	6	3497	30
Magnum	EZA,EZB,EZC,EZD		8	5653	47
Magnum	370CI /6.1Liter V8		8	6059	47
Matador	361CI /5.9Liter V8	1960	8	5917	48
Matador	383CI /6.3Liter V8		8	6286	48
Medallion	J7T L4 Renault	1988-89	4	2165	11
Mirada	318CI /5.2Liter V8	1980-83	8	5211	38
Mirada	360CI /5.9Liter V8	1980	8	5899	45
Mirada	225CI /3.7Liter L6	1980-82	6	3687	32
Monaco	318CI /5.2Liter V8		8	5211	38
Monaco	383CI /6.3Liter V8	1965-71	8	6286	48
Monaco	403CI /6.6Liter V8	1972-78	8	6555	48
Monaco	360CI /5.9Liter V8	1971-78	8	5899	45
Monaco	413CI /6.8Liter V8	1965	8	6769	50
Monaco	426CI /7.0Liter V8	1965-66	8	6981	50
Monaco	440CI /7.2Liter V8	1966-78	8	7211	50
Monaco, New Yorker,	440CI /7.2Liter V8		8	7211	51
Neon	ECB L4 122CI	1995-99	4	1996	9
Neon	ECC,ECF,420A L4	1995-99	4	1996	9
New Yorker	G54B L4 Mitsubishi	1982-85	4	2555	21
New Yorker	134CI /2.2Liter L4	1982-88	4	2212	20
New Yorker	153CI /2.5Liter L4	1986-88	4	2500	20
New Yorker	201CI /3.3Liter V6	1990-93	6	3301	34
New Yorker	232CI /3.8Liter V6	1991-93	6	3778	34
New Yorker	215CI /3.5Liter V6	1993-96	6	3497	29
New Yorker	318CI /5.2Liter V8	1979-83	8	5211	38
New Yorker	403CI /6.6Liter V8	1972-78	8	6555	48
New Yorker	413CI /6.8Liter V8		8	6769	50
New Yorker	440CI /7.2Liter V8	1966-78	8	7211	50
New Yorker	225CI /3.7Liter L6	1982	6	3687	32
Newport	318CI /5.2Liter V8	1979-86	8	5211	38
Newport	361CI /5.9Liter V8	1961-64	8	5917	48
Newport	383CI /6.3Liter V8	1965-71	8	6286	48
Newport	403CI /6.6Liter V8	1972-78	8	6555	48
Newport	360CI /5.9Liter V8	1971-80	8	5899	45
Newport	440CI /7.2Liter V8	1966-78	8	7211	50
Newport	225CI /3.7Liter L6	1979	6	3687	32
Nitro	226CI /3.7Liter V6		6	3703	33
Omni	E82 L4 Peugeot	1983-86	4	1591	5
Omni	104CI /1.7Liter L4	1978-83	4	1706	6

Model	Engine	Years	Cyl	CC	Line
Omni	134CI /2.2Liter L4	1981-90	4	2212	20
Omni	134CI /2.2Liter L4		4	2212	20
P100	225CI /3.7Liter L6	1962-65	6	3687	31
P200	170CI /2.8Liter L6		6	2800	28
P200	225CI /3.7Liter L6	1961-74	6	3687	31
P300	170CI /2.8Liter L6		6	2800	28
P300	318CI /5.2Liter V8		8	5211	40
P300	225CI /3.7Liter L6	1961-76	6	3687	31
P300	225CI /3.7Liter L6	1976-77	6	3687	32
P400	318CI /5.2Liter V8		8	5211	40
P400	225CI /3.7Liter L6	1961-74	6	3687	31
PT Cruiser	148CI /2.4Liter L4		4	2429	16
PT Cruiser	EDZ L4 148CI		4	2429	16
Pacifica	232CI /3.8Liter V6		6	3778	34
Pacifica	215CI /3.5Liter V6	2004-06	6	3497	30
Plaza	277CI /4.6Liter V8	1957	8	4540	40
Plaza	301CI /4.9Liter V8		8	4933	40
Plaza	318CI /5.2Liter V8	1958	8	5211	40
Polara	318CI /5.2Liter V8	1963-73	8	5211	40
Polara	361CI /5.9Liter V8	1960-62	8	5917	48
Polara	383CI /6.3Liter V8	1960-71	8	6286	48
Polara	360CI /5.9Liter V8	1971-73	8	5899	45
Polara	413CI /6.8Liter V8		8	6769	50
Polara	426CI /7.0Liter V8	1963-66	8	6981	50
Polara	440CI /7.2Liter V8	1966-73	8	7211	50
Polara	225CI /3.7Liter L6	1963-64	6	3687	31
Polara, Ram, Road	440CI /7.2Liter V8		8	7211	51
Polaro	413CI /6.8Liter V8		8	6769	50
Power Ram	318CI /5.2Liter V8	1982-99	8	5211	38
Premier	150CI /2.5Liter L4	1988-89	4	2460	17
Prowler	215CI /3.5Liter V6	1997-98	6	3497	29
Prowler	215CI /3.5Liter V6	1997-	6	3497	30
Raider	G54B L4 Mitsubishi		4	2555	21
Ram	4G64 L4 Mitsubishi	1989-94	4	2351	13
Ram	G54B L4 Mitsubishi		4	2555	21
Ram	G54B L4 Mitsubishi	1982-90	4	2555	21
Ram	134CI /2.2Liter L4		4	2212	20
Ram	153CI /2.5Liter L4		4	2500	20
Ram	4D55T L4	1983-86	4	2346	12
Ram	198CI /3.2Liter L6		6	3254	28
Ram	238CI /3.9Liter V6	1988-03	6	3906	35
Ram	318CI /5.2Liter V8		8	5211	40
Ram	318CI /5.2Liter V8	1974-99	8	5211	38
Ram	383CI /6.3Liter V8		8	6286	48
Ram	403CI /6.6Liter V8	1974-80	8	6555	48
Ram	360CI /5.9Liter V8	1974-99	8	5899	45
Ram	440CI /7.2Liter V8	1974-80	8	7211	50
Ram	287CI /4.7Liter V8	2002-06	8	4700	37
Ram	226CI /3.7Liter V6	2002-06	6	3703	33
Ram	EZA,EZB,EZC,EZD		8	5653	47
Ram	225CI /3.7Liter L6	1976-78	6	3687	32
Ram	359CI /5.9Liter L6	1989-98	6	5883	41
Ram	QSB L6 Cummins	2003-08	6	5883	42
Ram	ISB L6 Cummins	1998-	6	5883	43
Ram	ISB L6 Cummins	2003-04	6	5883	44
Ram	ETJ L6 Cummins	2007-09	6	6685	49
Ram 3500	488CI /8.0Liter V10		10	7990	52
Ramcharger	318CI /5.2Liter V8	1974-93	8	5211	38
Ramcharger	360CI /5.9Liter V8	1974-93	8	5899	45
Rampage	134CI /2.2Liter L4		4	2212	20
Reliant	G54B L4 Mitsubishi	1981-85	4	2555	21
Reliant	134CI /2.2Liter L4		4	2212	20
Reliant	153CI /2.5Liter L4	1986-89	4	2500	20
Road Runner	318CI /5.2Liter V8		8	5211	40
Road Runner	340CI /5.6Liter V8	1968-73	8	5572	40






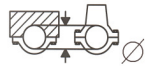


Model	Engine	Years	Cyl	CC	Line
Road Runner	318CI /5.2Liter V8	1970-75	8	5211	38
Road Runner	383CI /6.3Liter V8	1967-71	8	6286	48
Road Runner	403CI /6.6Liter V8	1972-75	8	6555	48
Road Runner	360CI /5.9Liter V8	1974-75	8	5899	45
Road Runner	440CI /7.2Liter V8	1968-75	8	7211	50
Road Runner	426CI /7.0Liter V8		8	6981	51
Royal	350CI /5.7Liter V8	1958	8	5737	48
Royal	361CI /5.9Liter V8	1959	8	5917	48
Royal Monaco	360CI /5.9Liter V8		8	5899	45
Royal Monaco	440CI /7.2Liter V8		8	7211	50
Royal Monaco, Satellite,	440CI /7.2Liter V8		8	7211	51
S500	318CI /5.2Liter V8		8	5211	40
S500	225CI /3.7Liter L6	1963-68	6	3687	31
S600	318CI /5.2Liter V8		8	5211	40
S600	318CI /5.2Liter V8		8	5211	38
SRT-4	EDZ L4 148CI		4	2429	16
Sapporo	G54B L4 Mitsubishi	1978-83	4	2555	21
Sapporo	G32BT L4	1978-79	4	1597	7
Saratoga	383CI /6.3Liter V8	1959-60	8	6286	50
Satellite	273CI /4.5Liter V8	1965-68	8	4540	40
Satellite	318CI /5.2Liter V8	1965-73	8	5211	40
Satellite	340CI /5.6Liter V8	1970-73	8	5572	40
Satellite	383CI /6.3Liter V8	1965-71	8	6286	48
Satellite	403CI /6.6Liter V8	1972-74	8	6555	48
Satellite	360CI /5.9Liter V8	1971-74	8	5899	45
Satellite	440CI /7.2Liter V8	1970-74	8	7211	50
Satellite	426CI /7.0Liter V8		8	6981	51
Satellite	225CI /3.7Liter L6	1968-74	6	3687	31
Savoy	277CI /4.6Liter V8		8	4540	40
Savoy	301CI /4.9Liter V8	1957	8	4933	40
Savoy	318CI /5.2Liter V8	1958-64	8	5211	40
Savoy	361CI /5.9Liter V8	1959-64	8	5917	48
Savoy	413CI /6.8Liter V8		8	6769	50
Savoy	426CI /7.0Liter V8	1963-64	8	6981	50
Savoy	426CI /7.0Liter V8		8	6981	51
Savoy	225CI /3.7Liter L6	1960-64	6	3687	31
Scamp	134CI /2.2Liter L4		4	2212	20
Scamp	198CI /3.2Liter L6		6	3254	28
Scamp	318CI /5.2Liter V8		8	5211	40
Scamp	318CI /5.2Liter V8		8	5211	38
Scamp	360CI /5.9Liter V8		8	5899	45
Scamp	225CI /3.7Liter L6	1971-73	6	3687	31
Sebring	ECC,ECF,420A L4	1995-99	4	1996	9
Sebring	148CI /2.4Liter L4		4	2429	16
Sebring	EER V6 167CI		6	2700	24
Sebring	6G73 V6 Mitsubishi		6	2497	18
Sebring	4G64 L4 Mitsubishi	2001-05	4	2351	14
Shadow	134CI /2.2Liter L4	1987-94	4	2212	20
Shadow	134CI /2.2Liter L4	1987-90	4	2212	20
Shadow	153CI /2.5Liter L4	1987-94	4	2500	20
Shadow	153CI /2.5Liter L4	1989-92	4	2500	20
Spirit	134CI /2.2Liter L4		4	2212	20
Spirit	153CI /2.5Liter L4	1989-95	4	2500	20
Spirit	153CI /2.5Liter L4	1989-92	4	2500	20
Sport Fury	318CI /5.2Liter V8		8	5211	40
Sport Fury	340CI /5.6Liter V8		8	5572	40
Sport Fury	403CI /6.6Liter V8		8	6555	48
Sport Fury	360CI /5.9Liter V8		8	5899	45
Sport Fury	413CI /6.8Liter V8		8	6769	50
Sport Fury	426CI /7.0Liter V8		8	6981	50
Sport Fury	440CI /7.2Liter V8		8	7211	50
Sport Fury	426CI /7.0Liter V8		8	6981	51
Sport Fury	225CI /3.7Liter L6	1976	6	3687	31
Sport Fury	225CI /3.7Liter L6	1976	6	3687	32
Sport Fury, Sport	440CI /7.2Liter V8		8	7211	51

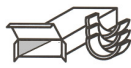




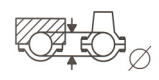


Model	Engine	Years	Cyl	CC	Line
Sport Satellite	318CI /5.2Liter V8		8	5211	40
Sport Satellite	383CI /6.3Liter V8		8	6286	48
Sport Satellite	440CI /7.2Liter V8		8	7211	50
Sprinter	OM647LA V5	2003-	5	2684	23
Sprinter	OM612LA V5	2003-	5	2685	23
St. Regis	318CI /5.2Liter V8	1979-81	8	5211	38
St. Regis	360CI /5.9Liter V8	1979-80	8	5899	45
St. Regis	225CI /3.7Liter L6	1979	6	3687	32
Stealth	6G72 V6 Mitsubishi	1991-96	6	2972	25
Stealth	6G72 V6 Mitsubishi		6	2972	25
Stratus	ECC,EFC,420A L4	1995-99	4	1996	9
Stratus	148CI /2.4Liter L4		4	2429	16
Stratus	EER V6 167CI		6	2700	24
Stratus	6G73 V6 Mitsubishi		6	2497	18
Stratus	4G64 L4 Mitsubishi	2001-05	4	2351	14
Summit	4G15 L4 Mitsubishi		4	1468	2
Summit	4G64 L4 Mitsubishi	1989-94	4	2351	13
Summit	4G64 L4 Mitsubishi	1993-94	4	2351	13
Summit	4G61 L4 Mitsubishi	1989-90	4	1597	7
Summit	4G61 L4 Mitsubishi	1990	4	1597	7
Summit	4G64 L4 Mitsubishi	2001-05	4	2351	14
Summit	4G15 L4 Mitsubishi	1991-96	4	1468	3
Sundance	134CI /2.2Liter L4	1987-94	4	2212	20
Sundance	134CI /2.2Liter L4	1987-88	4	2212	20
Sundance	153CI /2.5Liter L4	1987-94	4	2500	20
Sundance	153CI /2.5Liter L4	1989-92	4	2500	20
TC	134CI /2.2Liter L4		4	2212	20
TC	134CI /2.2Liter L4	1988-91	4	2212	20
TC3	134CI /2.2Liter L4		4	2212	20
Talon	4G63 L4 Mitsubishi	1989-94	4	1997	13
Talon	4G63T L4	1989-94	4	1997	13
Town & Country	201CI /3.3Liter V6	1990-99	6	3301	34
Town & Country	232CI /3.8Liter V6	1994-99	6	3778	34
Trailduster	318CI /5.2Liter V8	1974-83	8	5211	38
Trailduster	403CI /6.6Liter V8	1974-80	8	6555	48
Trailduster	360CI /5.9Liter V8		8	5899	45
Trailduster	440CI /7.2Liter V8	1974-80	8	7211	50
Trailduster	225CI /3.7Liter L6	1974-76	6	3687	31
Trailduster	225CI /3.7Liter L6	1976-80	6	3687	32
Trailduster, VIP,	440CI /7.2Liter V8		8	7211	51
Turismo	E82 L4 Peugeot	1983-86	4	1591	5
Turismo	104CI /1.7Liter L4	1982-83	4	1706	6
VIP	318CI /5.2Liter V8		8	5211	40
VIP	361CI /5.9Liter V8		8	5917	48
VIP	383CI /6.3Liter V8		8	6286	48
VIP	440CI /7.2Liter V8		8	7211	50
Valiant	198CI /3.2Liter L6		6	3254	28






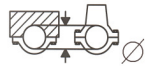


Model	Engine	Years	Cyl	CC	Line
Valiant	273CI /4.5Liter V8	1964-69	8	4540	40
Valiant	318CI /5.2Liter V8		8	5211	38
Valiant	360CI /5.9Liter V8	1971-76	8	5899	45
Valiant	225CI /3.7Liter L6	1961-73	6	3687	31
Valiant, Centura	215CI /3.5Liter L6		6	3523	36
Viliant	170CI /2.8Liter L6		6	2800	28
Viper	488CI /8.0Liter V10		10	7990	53
Vision	201CI /3.3Liter V6		6	3301	34
Vision	215CI /3.5Liter V6		6	3497	29
Vista	4G15 L4 Mitsubishi		4	1468	2
Vista	4G63 L4 Mitsubishi	1989-94	4	1997	13
Vista	4G64 L4 Mitsubishi	1992-93	4	2351	13
Vista	4G61 L4 Mitsubishi	1989-90	4	1597	7
Vista	4G61 L4 Mitsubishi	1990	4	1597	7
Vista	4G15 L4 Mitsubishi	1991-96	4	1468	3
Volare	318CI /5.2Liter V8		8	5211	38
Volare	360CI /5.9Liter V8	1976-80	8	5899	45
Volare	225CI /3.7Liter L6	1976	6	3687	31
Volare	225CI /3.7Liter L6	1976-80	6	3687	32
Voyager	G54B L4 Mitsubishi	1984-87	4	2555	21
Voyager	134CI /2.2Liter L4		4	2212	20
Voyager	153CI /2.5Liter L4	1987-95	4	2500	20
Voyager	153CI /2.5Liter L4	1989-90	4	2500	20
Voyager	201CI /3.3Liter V6		6	3301	34
Voyager	232CI /3.8Liter V6	1996-99	6	3778	34
Voyager	318CI /5.2Liter V8	1974-83	8	5211	38
Voyager	403CI /6.6Liter V8	1974-80	8	6555	48
Voyager	360CI /5.9Liter V8	1974-83	8	5899	45
Voyager	440CI /7.2Liter V8	1974-80	8	7211	50
Voyager	148CI /2.4Liter L4		4	2429	16
Voyager PB100	225CI /3.7Liter L6	1974-76	6	3687	31
Voyager PB100	225CI /3.7Liter L6	1976-80	6	3687	32
Voyager PB150	225CI /3.7Liter L6	1981-82	6	3687	32
Voyager PB200	225CI /3.7Liter L6	1974-76	6	3687	31
Voyager PB200	225CI /3.7Liter L6	1976-80	6	3687	32
Voyager PB250	225CI /3.7Liter L6	1981-82	6	3687	32
Voyager PB300	225CI /3.7Liter L6	1974-76	6	3687	31
Voyager PB300	225CI /3.7Liter L6	1976-80	6	3687	32
W-Series	359CI /5.9Liter L6	1990-93	6	5883	41
W500	318CI /5.2Liter V8		8	5211	40
W500	225CI /3.7Liter L6	1963-67	6	3687	31
Windsor	383CI /6.3Liter V8	1959-60	8	6286	50

CHRYSLER				CHRYSLER				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
1	G4HC L4 Hyundai 61CI /1.0Liter, SOHC, 12 Valves, Gasoline	01/2000-12/2005	999 cc	66.00 X 73.00	4 cyl	Atos, Atos Prime	1	
	G4HG L4 Hyundai 66CI /1.1Liter, SOHC, 12 Valves, Gasoline	01/2000-12/2005	1086 cc	67.00 X 77.00	4 cyl	Atos, Atos Prime		
CR4378SI STD./25./5./75/1.0	C4378	4 Pairs		1.4955/ 1.4961 37.986/ 38.001	1.6128/ 1.6138 40.965/ 40.991	0.5750 14.61	0.0590 1.499	









CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

CHRYSLER				CHRYSLER			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
MB5641S STD/.25/.5/.75/1.0	M5641U M5641L W5641	5 Pairs 1 Pair		1.6522/ 1.6533 41.966/ 41.994 1.8460/ 1.8660 46.888/ 47.396	1.8105/ 1.8115 45.987/ 46.012 2.2950/ 2.3150 58.293/ 58.801	0.6350 16.13 0.0000 0.00	0.0780 1.981 0.0980 2.489
2	4G15 L4 Mitsubishi 90CI SOHC, 8 Valves, vin K, Gasoline 4G15	01/1985-12/1989	1468 cc	75.50 X 82.00	4 cyl	Colt, Summit, Vista	2
CR4497AM STD/.25/.5/.75/1.0/1.25	C4497	4 Pairs		1.6527/ 1.6535 41.979/ 41.999	1.7717/ 1.7725 45.001/ 45.022	0.6940 17.63	0.0588 1.494
<small>ACL:4B1736 CLE:CB-1278AL (4) DAI:R7263A FMO:4-3955RA GLA:B4609SA GLY:01-4257/4 NDC:CB-1169A OEM:23060-21124 OEM:MD030516 VAN:VPR92041A</small>							
MB 521AM STD/.25/.5/.75/1.0	M 521U M 521L F 521	4 Pairs 1 Pair	1-2-4-5 3	1.8890/ 1.8898 47.981/ 48.001 1.8890/ 1.8898 47.981/ 48.001	2.0472/ 2.0480 51.999/ 52.019 2.0472/ 2.0480 51.999/ 52.019	0.7531 19.13 0.9430 23.95	0.0783 1.989 0.0783 1.989
<small>ACL:5M1737 ~ CLE:MS-1668P DAI:M7264A FMO:6630M ~ GLA:M5463SA NDC:MS-1818 OEM:MD030126 OEM:MD030126 VAN:VPM92447A</small>							
3	G12B L4 Mitsubishi 86CI /1.4Liter, SOHC, 8 Valves, vin 2,A,J, Gasoline	01/1979-12/1984	1410 cc	74.00 X 82.00	4 cyl	Champ, Colt	3
	4G15 L4 Mitsubishi 90CI /1.5Liter, SOHC, 12 Valves, vin A, Gasoline	01/1991-12/1996	1468 cc	75.00 X 82.00	4 cyl	Colt, Summit, Vista	
CR4049AM STD/.25/.5/.75/1.0	C4049	4 Pairs		1.6527/ 1.6535 41.979/ 41.999	1.7717/ 1.7725 45.001/ 45.022	0.6151 15.62	0.0588 1.494
<small>ACL:4B1130 CLE:CB-1588AL (4) DAI:R7264A FMO:4-4475 GLA:B4793LC NDC:CB-1825A OEM:MD332497 OEM:MD143090</small>							
MB 521AM STD/.25/.5/.75/1.0	M 521U M 521L F 521	4 Pairs 1 Pair	1-2-4-5 3	1.8890/ 1.8898 47.981/ 48.001 1.8890/ 1.8898 47.981/ 48.001	2.0472/ 2.0480 51.999/ 52.019 2.0472/ 2.0480 51.999/ 52.019	0.7531 19.13 0.9430 23.95	0.0783 1.989 0.0783 1.989
<small>ACL:5M1737 ~ CLE:MS-1668P DAI:M7264A FMO:6630M ~ GLA:M5463SA NDC:MS-1818 OEM:MD030126 OEM:MD030126 VAN:VPM92447A</small>							
MB5237AM STD/.25/.5/.75/1.0	M 521U M 521L F5237	4 Pairs 1 Pair	1-2-4-5 3	1.8890/ 1.8898 47.981/ 48.001 1.8890/ 1.8898 47.981/ 48.001	2.0472/ 2.0480 51.999/ 52.019 2.0472/ 2.0480 51.999/ 52.019	0.7531 19.13 0.9430 23.95	0.0783 1.989 0.0783 1.989
<small>ACL:5M1124 CLE:MS-2075P FMO:6630M OEM:MD030573</small>							
4	4G15 L4 Mitsubishi 90CI /1.5Liter, SOHC, 8 Valves, vin K,X, Gasoline	01/1987-12/1990	1468 cc	75.50 X 82.00	4 cyl		4
CR4049AM STD/.25/.5/.75/1.0	C4049	4 Pairs		1.6527/ 1.6535 41.979/ 41.999	1.7717/ 1.7725 45.001/ 45.022	0.6151 15.62	0.0588 1.494
<small>ACL:4B1130 CLE:CB-1588AL (4) DAI:R7264A FMO:4-4475 GLA:B4793LC NDC:CB-1825A OEM:MD332497 OEM:MD143090</small>							
MB 521AM STD/.25/.5/.75/1.0	M 521U M 521L F 521	4 Pairs 1 Pair	1-2-4-5 3	1.8890/ 1.8898 47.981/ 48.001 1.8890/ 1.8898 47.981/ 48.001	2.0472/ 2.0480 51.999/ 52.019 2.0472/ 2.0480 51.999/ 52.019	0.7531 19.13 0.9430 23.95	0.0783 1.989 0.0783 1.989
<small>ACL:5M1737 ~ CLE:MS-1668P DAI:M7264A FMO:6630M ~ GLA:M5463SA NDC:MS-1818 OEM:MD030126 OEM:MD030126</small>							






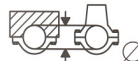


CHRYSLER				CHRYSLER			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
VAN: VPM92447A							
MB5237AM STD/.25/.5/.75/1.0 <i>Same as MB 521AM but with Flange STD in all undersizes. Flange length: 23.95 mm</i>	M 521U M 521L F5237	4 Pairs 1 Pair	1-2-4-5 3	1.8890/ 1.8898 47.981/ 48.001 1.8890/ 1.8898 47.981/ 48.001	2.0472/ 2.0480 51.999/ 52.019 2.0472/ 2.0480 51.999/ 52.019	0.7531 19.13 0.9430 23.95	0.0783 1.989 0.0783 1.989
ACL: 5M1124 FMO: 6630M	CLE: MS-2075P OEM: MD030573						
5	E82 L4 Peugeot 97CI /1.6Liter, OHV, 8 Valves, vin A, Gasoline	01/1983-12/1986	1591 cc	80.60 X 78.00	4 cyl	Charger, Horizon, Omni, Turismo	5
CR4432AM STD/.25/.5/.75/1.0/1.25/1.5 ACL: 4B9410 FMO: 4-61820RA GLY: 01-4172/4	C4432	4 Pairs		1.6126/ 1.6129 40.960/ 40.968	1.7325/ 1.7328 44.006/ 44.013	0.7570 19.23	0.0594 1.509
CLE: CB- 833AL (4) GLA: B4507SA VAN: VPR91302A							
MB 537AM STD/.25/.5/.75/1.0/1.25/1.5 ACL: 5M9312 FMO: 4908M GLY: H1031/5	M 5371U M 5371L M 5371U M 5373U M 5373L	2 Pairs 2 Pairs 1 Pair	1-5 2-4 3	2.0459/ 2.0463 51.966/ 51.976 2.0459/ 2.0463 51.966/ 51.976 2.0459/ 2.0463 51.966/ 51.976	2.2000/ 2.2005 55.880/ 55.893 2.2000/ 2.2005 55.880/ 55.893 2.2000/ 2.2005 55.880/ 55.893	0.7350 18.67 0.7350 18.67 0.9720 24.69	0.0758 1.925 0.0758 1.925 0.0758 1.925
CLE: MS- 984AL GLA: M5278SA VAN: VPM91355							
6	104CI /1.7Liter L4 Volkswagen SOHC, 8 Valves, vin A,B, Gasoline	01/1978-12/1983	1706 cc	79.50 X 86.00	4 cyl	Charger, Horizon, Omni, Turismo	6
CR 411AM STD/.25/.5/.75/1.0/1.25/1.5 ACL: 4B1636 FMO: 4-68095CP GLY: 71-3084/4 OEM: 056.198.501	C 411	4 Pairs		1.8086/ 1.8094 45.938/ 45.959	1.9291/ 1.9297 48.999/ 49.014	0.7480 19.00	0.0593 1.506
CLE: CB-1017AL (4) GLA: B4538SA K.S: 87 723 600 VAN: VPR91498							
CS 230BB <i>Balance shaft bearing.</i> ACL: 2C1209 DUR: VWG-1							
CLE: SH-1209S FMO: 1726M							
MB5070AM STD/.25/.5/.75/1.0/1.25/1.5 <i>Flange length: STD 24.93 mm (FI STD) 0.25,0.5,0.75,1.0 25.03mm (FI oversize 0.1mm)</i>	M 507U M 507L F5070U F5070L M 507U	3 Pairs 1 Pair 1 Pair	1-2-4 3 5	2.1243/ 2.1251 53.957/ 53.978 2.1243/ 2.1251 53.957/ 53.978 2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017 2.3228/ 2.3235 58.999/ 59.017 2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49 0.9820 24.94 0.7280 18.49	0.0985 2.502 0.0985 2.502 0.0985 2.502
ACL: 5M1645 FMO: 6834M GLY: H 010/5; H 025/5 OEM: 056.198.451A	CLE: MS-1659P GLA: M5526SA K.S: 87 205 600 VAN: VPM92287						
7	4G61 L4 Mitsubishi 98CI /1.6Liter, DOHC, 16 Valves, vin Y, Gasoline	01/1989-12/1990	1597 cc	82.30 X 75.00	4 cyl	Colt, Summit, Vista	7
	4G61 L4 Mitsubishi 98CI /1.6Liter, DOHC, 16 Valves, vin Y, Gasoline Turbocharge	01/1990-12/1990	1597 cc	82.30 X 75.00	4 cyl	Colt, Summit, Vista	
	G32BT L4 Mitsubishi 98CI /1.6Liter, SOHC, 8 Valves, vin 3,B,K, Gasoline	01/1971-12/1984	1597 cc	76.90 X 86.00	4 cyl	Arrow, Challenger, Champ, Colt, Sapporo	
	G32BT L4 Mitsubishi 98CI /1.6Liter, SOHC, 8 Valves, vin F, Gasoline Turbocharge	01/1971-12/1984	1597 cc	76.90 X 86.00	4 cyl	Colt	
	4G37 L4 Mitsubishi 108CI /1.8Liter, SOHC, 8 Valves, vin B,T, Gasoline	01/1989-12/1994	1755 cc	80.60 X 86.00	4 cyl	Colt, Laser	
CR4481AM STD/.25/.5/.75/1.0/1.5 ACL: 4B1146 DAI: R7265A GLA: B4543SA NDC: CB-1085 VAN: VPR91628A	C4481	4 Pairs		1.7709/ 1.7717 44.981/ 45.001	1.8899/ 1.8904 48.003/ 48.016	0.9290 23.60	0.0588 1.494
CLE: CB-1120AL (4) FMO: 4-3485CP GLY: 71-4143/4 OEM: MD002813							
MB 524AM STD/.25/.5/.75/1.0 <i>w/ full groove in upper & partial groove in lower regular halves. Flanged bearing is not grooved. Flange length: STD - 28.96 mm (FI STD) 0.25 - 29.06 mm (FI O/S 0.1mm)</i>	M 524U M 524L F 524	4 Pairs 1 Pair	1-2-4-5 3	2.2435/ 2.2441 56.985/ 57.000 2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021 2.4016/ 2.4024 61.001/ 61.021	0.9090 23.09 1.1400 28.96	0.0784 1.991 0.0784 1.991

CHRYSLER				CHRYSLER			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
0.50,0.75 - 29.21mm (FI O/S 0.25 mm) 1.0,1.25,1.5 - 29.46mm (FI O/S 0.5 mm) ACL:5M1144 ~ CLE:MS-2043 DAI:M7280A FMO:5058M GLA:M5558SA GLY:5103M NDC:MS-1821GP OEM:MD002273 OEM:MD002343 VAN:VPM04011 ~							
MB5227AM STD/.25/.5/.75/1.0 <i>flange STD length in all undersizes .</i> ACL:5M1144 CLE:MS-2076P FMO:5103M	M 524U M 524L	4 Pairs	1-2-4-5	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	0.9090 23.09	0.0784 1.991
	F5227	1 Pair	3	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	1.1400 28.96	0.0784 1.991
8	110CI /1.8Liter L4 SOHC, 8 Valves, Gasoline	01/1975-12/1981	1798 cc	86.10 X 77.20	4 cyl	Avenger, Dodge 1500, GT100	8
CR4477AM STD/010/020/040 FMO:4-62080CP	C4477	4 Pairs		2.1240/ 2.1245 53.950/ 53.962	2.2710/ 2.2715 57.683/ 57.696	0.8170 20.75	0.0726 1.844
MB 584AM STD/010/020/030/040 FMO:6469M	M 584/1	4 Pairs	1-2-4-5	2.3740/ 2.3747 60.300/ 60.317	2.5197/ 2.5205 64.000/ 64.021	1.0050 25.53	0.0721 1.831
	M 584/3	1 Pair	3	2.3740/ 2.3747 60.300/ 60.317	2.5197/ 2.5205 64.000/ 64.021	1.1300 28.70	0.0721 1.831
9	ECB L4 122CI /2.0Liter, SOHC, 16 Valves, vin C,F, Gasoline	01/1996-12/2005	1996 cc	87.50 X 83.00	4 cyl	Breeze, Neon	9
	ECC,ECF,420A L4 122CI /2.0Liter, DOHC, 16 Valves, vin Y, Gasoline	01/1996-12/1999	1996 cc	87.50 X 83.00	4 cyl	Avenger, Neon, Sebring, Stratus	
CR4183AM STD/.25/.5/.75/1.0 <i>Same as CR4195AM but with housing bore resized .002" larger</i> ACL:4B1635PO/S2 CLE:CB-1635P(4) O/D 002 ~	C4183	4 Pairs		1.8894/ 1.8900 47.991/ 48.006	2.0095/ 2.0101 51.041/ 51.057	0.8060 20.47	0.0594 1.509
CR4195AM ACL:4B1635 CLE:CB-1635P(4)	C4195	4 Pairs		1.8894/ 1.8900 47.991/ 48.006	2.0075/ 2.0081 50.991/ 51.006	0.8060 20.47	0.0584 1.483
MB5052AM STD/.25/.5/.75/1.0 <i>Upper and lower lugs on same side when installed.</i> ACL:5M2028P CLE:MS-2028P FMO:7328M OEM:MO-4856733	M5052U M5052L	4 Pairs	1,2,4,5	2.0469/ 2.0475 51.991/ 52.007	2.2045/ 2.2050 55.994/ 56.007	0.7860 19.96	0.0718 1.824
	F5052U F5052L	1 Pair	3	2.0469/ 2.0475 51.991/ 52.007	2.0450/ 2.0500 51.943/ 52.070	1.0340 26.26	0.0784 1.991
10	ECB L4 122CI /2.0Liter, SOHC, 16 Valves, vin C, Gasoline	01/1995-12/1995	1996 cc	87.50 X 83.00	4 cyl		10
	420A,ECC L4 122CI /2.0Liter, DOHC, 16 Valves, vin Y, Gasoline	01/1995-12/1995	1996 cc	87.50 X 83.00	4 cyl		
CR4183AM STD/.25/.5/.75/1.0 <i>Same as CR4195AM but with housing bore resized .002" larger</i> ACL:4B1635PO/S2 CLE:CB-1635P(4) O/D 002 ~	C4183	4 Pairs		1.8894/ 1.8900 47.991/ 48.006	2.0095/ 2.0101 51.041/ 51.057	0.8060 20.47	0.0594 1.509
CR4195AM ACL:4B1635 CLE:CB-1635P(4)	C4195	4 Pairs		1.8894/ 1.8900 47.991/ 48.006	2.0075/ 2.0081 50.991/ 51.006	0.8060 20.47	0.0584 1.483
MB5065AM STD/.25/.5/.75 <i>Lower lugs on opposite side from uppers when installed.</i> ACL:5M4372P FMO:7327M OEM:MO-4728993	M5052U M5065L	4 Pairs	1,2,4,5	2.0469/ 2.0475 51.991/ 52.007	2.2045/ 2.2050 55.994/ 56.007	0.7860 19.96	0.0718 1.824
	F5052U F5065L	1 Pair	3	2.0469/ 2.0475 51.991/ 52.007	2.0450/ 2.0500 51.943/ 52.070	1.0340 26.26	0.0784 1.991
11	J7T L4 Renault 132CI /2.2Liter, SOHC, 8 Valves, Gasoline	01/1988-12/1989	2165 cc	88.00 X 89.00	4 cyl	Medallion	11
CR4006AM STD/.25/.5/.75/1.0/1.25 CLE:CB-1311AL(4) FMO:4-66645RAB GLA:B4643SA GLY:01-4191/4 K.S:77 136 608 VAN:VPR91916A	C4006U C4006L	4 Pairs		2.2152/ 2.2160 56.266/ 56.286	2.3624/ 2.3630 60.005/ 60.020	0.8170 20.75	0.0725 1.842
MB5081AM <i>Under Development</i> CLE:MS-1604AL GLA:M5418SA GLY:H1058/5 VAN:VPM91932A	M5544 M5081L	5 Pairs	1-5	2.4753/ 2.4761 62.873/ 62.893	2.6247/ 2.6255 66.667/ 66.688	0.9250 23.50	0.0740 1.880

CHRYSLER				CHRYSLER				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
12	4D55T L4 Mitsubishi 143CI /2.3Liter, SOHC, 8 Valves, vin 9,J, Diesel Supercharged	01/1983-12/1986	2346 cc	91.10 X 90.00	4 cyl	Ram	12	
CR4466AM STD/.25/.5/.75/1.0/1.5 ACL: 4B1136 CLE: CB-1220AL (4) DAI: R7270A FMO: 4-66675CP GLA: B4559SA GLY: 71-4194/4 NDC: CB-1131GP OEM: MD020891 OEM: AM15-11-SE0 VAN: VPR91683A	C4466	4 Pairs		2.0858/ 2.0866 52.979/ 53.000	2.2047/ 2.2055 55.999/ 56.020	0.9840 24.99	0.0590 1.499	
CS 327BB <i>Balance shaft bearing.</i> ACL: 3B58288 CLE: SH-1429S DUR: MIG-2 FMO: 1805M OEM: MD008288	S 327	2	1-2	1.6933/ 1.6939 43.010/ 43.025	1.8122/ 1.8130 46.030/ 46.050	0.7870 19.99	0.0583 1.481	
MB 577AM STD/.25/.5/.75/1.0 <i>Flange length:</i> <i>STD 30.96 mm (FI STD)</i> <i>0.25 30.16 mm (FI O/S 0.1)</i> <i>0.5, 0.75, 1.0 31.21mm (FI O/S 0.25mm)</i> ACL: 5M1134 CLE: MS-1430AL DAI: M7277A GLA: M5435SA NDC: MS-1131GP OEM: MD020381 VAN: VPM91684A	M 577	4 Pairs	1-2-4-5	2.5976/ 2.5984 65.979/ 65.999	2.7559/ 2.7567 70.000/ 70.020	0.9840 24.99	0.0782 1.986	
MB5228AM STD/.25/.5/.75/1.0 <i>same as MB 577AM, but with flange STD length in all undersizes .</i> ACL: 5M1137 CLE: MS-2069P FMO: 6593M GLY: H1055/5	M 577 F5228	4 Pairs 1 Pair	1-2-4-5 3	2.5976/ 2.5984 65.979/ 65.999 2.5976/ 2.5984 65.979/ 65.999	2.7559/ 2.7567 70.000/ 70.020 2.7559/ 2.7567 70.000/ 70.020	0.9840 24.99 1.2190 30.96	0.0782 1.986 0.0782 1.986	
13	4G63 L4 Mitsubishi 122CI /2.0Liter, DOHC, 16 Valves, vin E, Gasoline	01/1993-12/1994	1997 cc	85.00 X 88.00	4 cyl	Laser, Talon, Vista	13	
4G63T L4 Mitsubishi 122CI /2.0Liter, DOHC, 16 Valves, vin F, Gasoline Supercharged	01/1993-12/1996	1997 cc	85.00 X 88.00	4 cyl	Laser, Talon			
4G64 L4 Mitsubishi 144CI /2.4Liter, SOHC, 8 Valves, vin G, Gasoline	01/1993-12/1994	2351 cc	86.50 X 100.00	4 cyl	Colt, Ram, Summit, Vista			
4G64 L4 Mitsubishi 144CI /2.4Liter, SOHC, 16 Valves, vin G, Gasoline	01/1993-12/1996	2351 cc	86.50 X 100.00	4 cyl	Summit			
CR4120AM STD/.25/.5/.75/1.0/1.25/1.5 ACL: 4B1185 CLE: CB-1643P (4) DAI: R7281A FMO: 4-4700 NDC: CB-1827A OEM: MD178648-650	C4120	4 Pairs		1.7709/ 1.7717 44.981/ 45.001	1.8898/ 1.8904 48.001/ 48.016	0.8268 21.00	0.0587 1.491	
CS3305BB								
MB5177AM STD/.25/.5/.75/1.0 <i>Flange length: STD - 28.96 mm (FI STD) 0.25 - 29.06 mm (FI O/S 0.1mm)</i> <i>0.50, 0.75 - 29.21mm (FI O/S 0.25 mm)</i> <i>1.0, 1.25, 1.5 - 29.46mm (FI O/S 0.5 mm)</i> DAI: M7281A FMO: 7348M ~ NDC: MS-1827A OEM: MD178633-647	M5177U M5177L	4 Pairs	1-2-4-5	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	0.8120 20.62	0.0786 1.996	
MB5209AM STD/.25/.5/.75/1.0 <i>same as MB5177AM, but with flange STD length in all undersizes .</i> ACL: 5M1186 CLE: MS-2039P FMO: 7348M OEM: MD195916/195921	M5177U M5177L	4 Pairs	1-2-4-5	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	0.8120 20.62	0.0786 1.996	
MB5403AM STD/.25/.5/.75/1.0/1.25 <i>For engines with upper flange shell only.</i> ACL: 5M1228	M5177U M5177L	4 Pairs	1-2-4-5	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	0.8120 20.62	0.0786 1.996	
MB5403AM STD/.25/.5/.75/1.0/1.25 <i>For engines with upper flange shell only.</i> ACL: 5M1228	F5209 M5177L	1 Pair	3	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	1.0000 25.40	0.0786 1.996	
14	4G64 L4 Mitsubishi 144CI /2.4Liter, SOHC, 16 Valves, vin G, Gasoline	01/2001-12/2005	2351 cc	86.50 X 100.00	4 cyl	Colt, Sebring, Stratus, Summit	14	
CR4120AM STD/.25/.5/.75/1.0/1.25/1.5 ACL: 4B1185 CLE: CB-1643P (4) DAI: R7281A FMO: 4-4700 NDC: CB-1827A OEM: MD178648-650	C4120	4 Pairs		1.7709/ 1.7717 44.981/ 45.001	1.8898/ 1.8904 48.001/ 48.016	0.8268 21.00	0.0587 1.491	

CHRYSLER				CHRYSLER			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
CS3305BB							
MB5315AM STD/.25/.5/.75/1.0 ACL:5M1219 FMO:7415M OEM:21020-38540	M5177U M5177L	5 Pairs	1-5	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	0.8120 20.62	0.0786 1.996
TW 173AM STD/.25 ACL:1T1219 FMO:4709F NDC:TW-1834A	W 173	1 Pair		2.4842/ 2.4941 63.099/ 63.350	3.1693/ 3.1791 80.500/ 80.749	0.0000 0.00	0.0830 2.108
15	4G63 L4 Mitsubishi 122CI /2.0Liter, SOHC, 8 Valves, vin 5,D,U,V, Gasoline	01/1983-12/1992	1997 cc	85.00 X 88.00	4 cyl		15
	4G63 L4 Mitsubishi 122CI /2.0Liter, DOHC, 16 Valves, vin R, Gasoline	01/1989-12/1992	1997 cc	85.00 X 88.00	4 cyl		
	4G63T L4 Mitsubishi 122CI /2.0Liter, DOHC, 16 Valves, vin U, Gasoline Turbocharge	01/1990-12/1992	1997 cc	85.00 X 88.00	4 cyl		
	4G64 L4 Mitsubishi 144CI /2.4Liter, SOHC, 8 Valves, vin W, Gasoline	01/1990-12/1992	2351 cc	86.50 X 100.00	4 cyl		
CR4481AM STD/.25/.5/.75/1.0/1.5 ACL:4B1146 CLE:CB-1120AL(4) DAI:R7265A FMO:4-3485CP GLA:B4543SA GLY:71-4143/4 NDC:CB-1085 OEM:MD002813 VAN:VPR91628A	C4481	4 Pairs		1.7709/ 1.7717 44.981/ 45.001	1.8899/ 1.8904 48.003/ 48.016	0.9290 23.60	0.0588 1.494
CS3305BB							
MB 524AM STD/.25/.5/.75/1.0 Flange length: STD - 28.96 mm (FI STD) 0.25 - 29.06 mm (FI O/S 0.1mm) 0.50,0.75 - 29.21mm (FI O/S 0.25 mm) 1.0,1.25,1.5 - 29.46mm (FI O/S 0.5 mm) ACL:5M1144 ~ CLE:MS-2043 DAI:M7280A FMO:5058M GLA:M5558SA GLY:5103M NDC:MS-1821GP OEM:MD002273 OEM:MD002343 VAN:VPM04011 ~	M 524U M 524L	4 Pairs	1-2-4-5	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	0.9090 23.09	0.0784 1.991
	F 524	1 Pair	3	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	1.1400 28.96	0.0784 1.991
MB5227AM STD/.25/.5/.75/1.0 flange STD length in all undersizes . ACL:5M1144 CLE:MS-2076P FMO:5103M	M 524U M 524L	4 Pairs	1-2-4-5	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	0.9090 23.09	0.0784 1.991
	F5227	1 Pair	3	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	1.1400 28.96	0.0784 1.991
16	148CI /2.4Liter L4 DOHC, 16 Valves, vin 9,B,J,X, Gasoline	01/1995-12/2009	2429 cc	3.44 X 3.98	4 cyl	Breeze, Caravan, Cirrus, Grand Caravan, Grand Voyager, PT Cruiser, Sebring, Stratus, Voyager	16
	EDZ L4 148CI /2.4Liter, DOHC, 16 Valves, vin 8,E,G,S, Gasoline Supercharged	01/2003-12/2009	2429 cc	3.44 X 3.98	4 cyl	PT Cruiser, SRT-4	
CR4256AM STD/.25/.5/.75 ACL:4B4565P CLE:CB-1668P(4) FMO:4-4565P	C4256	4 Pairs		1.9688/ 1.9695 50.008/ 50.025	2.0864/ 2.0869 52.995/ 53.007	0.7940 20.17	0.0584 1.483
CR4271AM STD/.25/.5/.75 Same as CR4256AM but with housing bore resized .002" larger ACL:4B4565PO/S2 CLE:CB-1817P(4)	C4271	4 Pairs		1.9688/ 1.9695 50.008/ 50.025	2.0884/ 2.0889 53.045/ 53.058	0.7940 20.17	0.0593 1.506
MB5270AM STD/.25/.5/.75 ACL:5M7313P CLE:MS-2201P FMO:7313M	M5270	4 Pairs	1,2,4,5	2.3619/ 2.3625 59.992/ 60.008	2.5197/ 2.5202 64.000/ 64.013	0.8510 21.62	0.0781 1.984
	F5270	1 Pair	3	2.3619/ 2.3625 59.992/ 60.008	2.5197/ 2.5202 64.000/ 64.013	1.0970 27.86	0.0780 1.981
17	150CI /2.5Liter L4 Renault SOHC, 8 Valves, Gasoline	01/1988-12/1989	2460 cc	3.88 X 3.19	4 cyl	Premier	17

CHRYSLER				CHRYSLER				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
CR4023SI STD/001/010/040/050/060 ACL: 4B960 CLE: CB- 960AL (4) FMO: 4-3310RAA	C 648	4 Pairs		2.0948/ 2.0955 53.208/ 53.226	2.2080/ 2.2085 56.083/ 56.096	0.8370 21.26	0.0560 1.422	
CR4352SI Same as CR4023SI but with housing bore resized .002" larger	C6805	4 Pairs		2.0948/ 2.0955 53.208/ 53.226	2.2100/ 2.2105 56.134/ 56.147	0.8370 21.26	0.0570 1.448	
CS 422BB STD/010 ACL: 4C549 CLE: SH-1980S DUR: N-7 FMO: 1244M	S 422/1	1	1	2.0295/ 2.0305 51.549/ 51.575	2.1555/ 2.1565 54.750/ 54.775	0.6900 17.53	0.0620 1.575	
	S 422/2	1	2	2.0195/ 2.0205 51.295/ 51.321	2.1455/ 2.1465 54.496/ 54.521	0.6900 17.53	0.0620 1.575	
	S 422/3	1	3	2.0095/ 2.0105 51.041/ 51.067	2.1355/ 2.1365 54.242/ 54.267	0.6900 17.53	0.0620 1.575	
	S 422/4	1	4	1.9995/ 2.0005 50.787/ 50.813	2.1255/ 2.1265 53.988/ 54.013	0.6900 17.53	0.0620 1.575	
MB5560SI STD/010/020/030/040 ACL: 5M1568 CLE: MS-1568P FMO: 6676M	M 763U M 763L	4 Pairs	1-3-4-5	2.4988/ 2.4995 63.470/ 63.487	2.6910/ 2.6920 68.351/ 68.377	0.9860 25.04	0.0953 2.421	
	F 763U F 763L	1 Pair	2	2.4988/ 2.4995 63.470/ 63.487	2.6910/ 2.6920 68.351/ 68.377	1.2700 32.26	0.0953 2.421	
18	6G73 V6 Mitsubishi 152CI /2.5Liter, SOHC, 24 Valves, vin H,N, LPG	01/1995-12/2000	2497 cc	83.50 X 76.00	6 cyl	Avenger, Cirrus, Sebring, Stratus	18	
CR6629AM STD/.25/.5/.75/1.0/1.25 ACL: 6B1140 CLE: CB-1411AL (6) DAI: R7708A FMO: 6-1735AP GLA: B6658 NDC: CB-1822 OEM: MD105277	C6629	6 Pairs		1.9674/ 1.9685 49.972/ 50.000	2.0866/ 2.0874 53.000/ 53.020	0.6060 15.39	0.0587 1.491	
TW 247AM STD ACL: 2T1149 CLE: TW- 458S DAI: T7285A FMO: 1736AF K.S: TW-1822GP NDC: TW-1822GP OEM: MD116890	W 247D W 247E	2 Pairs		2.5984/ 2.6083 65.999/ 66.251	3.0590/ 3.0690 77.699/ 77.953	0.0000 0.00	0.0777 1.974	
19	425CLIRS / X L4 152CI /2.5Liter, OHV, 8 Valves, Diesel Turbocharge	01/2001-12/2007	2499 cc	92.00 X 94.00	4 cyl	Cherokee, Grand Cherokee, Grand Voyager, Voyager	19	
	425HRCLTI L4 152CI /2.5Liter, OHV, 8 Valves, Diesel Turbocharge	01/2003-12/2007	2499 cc	92.00 X 94.00	4 cyl	Cherokee, Grand Cherokee, Grand Voyager, Voyager		
CR4501CA STD/.25/.5/.75/1.0 GLY: 66655CP	C4501U C4501L	4 Pairs		2.1236/ 2.1242 53.939/ 53.955	2.2663/ 2.2670 57.564/ 57.582	0.9150 23.24	0.0710 1.803	
TW2013AM GLA: W2365SA GLY: A227/2 VAN: VPW95173A	W2013D W2013E	2 Pairs		2.9232/ 2.9331 74.249/ 74.501	0.0000/ 3.4646 0.000/ 88.001	0.0000 0.00	0.0930 2.362	
20	134CI /2.2Liter L4 SOHC, 8 Valves, vin 8,B,C,D,F, Gasoline	01/1981-12/1994	2212 cc	87.50 X 92.00	4 cyl	Caravan, Caravelle, Charger, Dakota, Daytona, E-Class, Grand Caravan, Grand Voyager, Horizon, Lancer, Laser, Lebaron, New Yorker, Omni, Ram, Rampage, Reliant, Scamp, Shadow, Spirit, Sundance, TC3, Voyager	20	
	134CI /2.2Liter L4 DOHC, 16 Valves, Gasoline	01/1988-12/1991	2212 cc	87.50 X 92.00	4 cyl	Daytona, TC		
	134CI /2.2Liter L4 SOHC, 8 Valves, vin A,C,E,P, Gasoline Supercharged	01/1984-12/1990	2212 cc	87.50 X 92.00	4 cyl	Caravelle, Charger, Daytona, E-Class, Lancer, Laser, Lebaron, Omni, Shadow, Sundance		
	134CI /2.2Liter L4 DOHC, 16 Valves, vin A,R, Gasoline Supercharged	01/1988-12/1993	2212 cc	87.50 X 92.00	4 cyl	Daytona, TC		

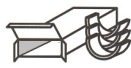




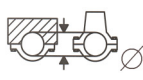


CHRYSLER				CHRYSLER			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
153CI /2.5Liter L4 SOHC, 8 Valves, vin G,K,V, Gasoline	01/1986-12/1995	2500 cc	87.50 X 104.00	4 cyl	Acclaim, Aries, Caravan, Caravelle, Dakota, Daytona, Dynasty, Grand Caravan, Grand Voyager, Lancer, Laser, Lebaron, New Yorker, Ram, Reliant, Shadow, Spirit, Sundance, Voyager		
153CI /2.5Liter L4 SOHC, 8 Valves, vin J, Gasoline Supercharged	01/1989-12/1992	2500 cc	87.50 X 104.00	4 cyl	Daytona, Grand Caravan, Grand Voyager, Lancer, Lebaron, Shadow, Spirit, Sundance, Voyager		
CR 424AM STD/.25/.5/.75/1.0/1.25 ACL:4B1269 CLE:CB-1269AL (4) FMO:4-3800RA VAN:VPR91941	C 424	4 Pairs		1.9677/ 1.9687 49.980/ 50.005	2.0863/ 2.0869 52.992/ 53.007	0.7940 20.17	0.0584 1.483
CS 228BB <i>Balance shaft bearing.</i> ACL:2C026 CLE:SH-1326S DUR:PDG-26 FMO:1487M							
MB5521AM STD/.25/.5/.75/1.0/1.5 ACL:5M1533 CLE:MS-1533AL FMO:5108M OEM:11701-1601 VAN:VPM91942	M5521	4 Pairs	1-2-4-5	2.3617/ 2.3627 59.987/ 60.013	2.5194/ 2.5202 63.993/ 64.013	0.8510 21.62	0.0782 1.986
	F5521U F5521L	1 Pair	3	2.3617/ 2.3627 59.987/ 60.013	2.5194/ 2.5202 63.993/ 64.013	1.0970 27.86	0.0782 1.986
21	G52B L4 Mitsubishi 122CI /2.0Liter, SOHC, 8 Valves, vin U, Gasoline	01/1979-12/1982	1997 cc	84.00 X 90.00	4 cyl	Arrow, Colt	21
	G54B L4 Mitsubishi 156CI /2.6Liter, SOHC, 8 Valves, vin 7,D,F,G, Gasoline	01/1979-12/1987	2555 cc	91.00 X 98.00	4 cyl	Aries, Arrow, Caravan, Caravelle, Challenger, Colt, E-Class, Grand Caravan, Lebaron, New Yorker, Ram, Reliant, Sapporo, Voyager	
	G54B L4 Mitsubishi 156CI /2.6Liter, SOHC, 8 Valves, vin W, Gasoline	01/1979-12/1990	2555 cc	91.10 X 98.00	4 cyl	Arrow, Conquest, Raider, Ram	
	G54B L4 Mitsubishi 156CI /2.6Liter, SOHC, 8 Valves, vin H,N, Gasoline Supercharged	01/1984-12/1990	2555 cc	91.10 X 98.00	4 cyl	Conquest	
CR4466AM STD/.25/.5/.75/1.0/1.5 ACL:4B1136 CLE:CB-1220AL (4) DAI:R7270A FMO:4-66675CP GLA:B4559SA GLY:71-4194/4 NDC:CB-1131GP OEM:MD020891 OEM:AM15-11-SE0 VAN:VPR91683A	C4466	4 Pairs		2.0858/ 2.0866 52.979/ 53.000	2.2047/ 2.2055 55.999/ 56.020	0.9840 24.99	0.0590 1.499
CS 327BB <i>Balance shaft bearing.</i> ACL:3BS8288 CLE:SH-1429S DUR:MIG-2 FMO:1805M OEM:MD008288	S 327	2	1-2	1.6933/ 1.6939 43.010/ 43.025	1.8122/ 1.8130 46.030/ 46.050	0.7870 19.99	0.0583 1.481
MB 546AM STD/.25/.5/.75/1.0 <i>Same as MB5195AM, but with flange STD length in all undersizes .</i> ACL:5M1139 CLE:MS-1945P DAI:M7275A FMO:6618M GLA:M5407LC NDC:MS-1819 (F STD) OEM:AM01-11-SGO	M 546U M 546L	4 Pairs	1-2-4-5	2.3614/ 2.3622 59.980/ 60.000	2.5197/ 2.5205 64.000/ 64.021	0.9894 25.13	0.0784 1.991
	F 546	1 Pair	3	2.3614/ 2.3622 59.980/ 60.000	2.5197/ 2.5205 64.000/ 64.021	1.2190 30.96	0.0784 1.991
MB5195AM STD/.25/.5/.75/1.0 <i>Flange length: STD 30.96 mm (FI STD) 0.25 30.16 mm (FI O/S 0.1mm) 0.5,0.75,1.0 31.21mm (FI O/S 0.25mm)</i> CLE:MS-1671 DAI: M7275A NDC:MS-1819 OEM:AM01-11-SGO VAN:VPM91952A	M 546U M 546L	4 Pairs	1-2-4-5	2.3614/ 2.3622 59.980/ 60.000	2.5197/ 2.5205 64.000/ 64.021	0.9894 25.13	0.0784 1.991
	F5195	1 Pair	3	2.3614/ 2.3622 59.980/ 60.000	2.5197/ 2.5205 64.000/ 64.021	1.2190 30.96	0.0784 1.991
22	G52B L4 Mitsubishi 122CI /2.0Liter, SOHC, 8 Valves, vin U, Gasoline	01/1974-12/1979	1997 cc	84.00 X 90.00	4 cyl		22
	G54B L4 Mitsubishi 156CI /2.6Liter, SOHC, 8 Valves, vin F, Gasoline	01/1978-12/1978	2555 cc	91.00 X 98.00	4 cyl		






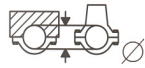


CHRYSLER				CHRYSLER				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
CR4466AM STD/.25/.5/.75/1.0/1.5 ACL: 4B1136 CLE: CB-1220AL (4) DAI: R7270A FMO: 4-66675CP GLA: B4559SA GLY: 71-4194/4 NDC: CB-1131GP OEM: MD020891 OEM: AM15-11-SE0 VAN: VPR91683A	C4466	4 Pairs		2.0858/ 2.0866 52.979/ 53.000	2.2047/ 2.2055 55.999/ 56.020	0.9840 24.99	0.0590 1.499	
CS 327BB <i>Balance shaft bearing</i> ACL: 3BS8288 CLE: SH-1429S DUR: MIG-2 FMO: 1805M OEM: MD008288	S 327	2	1-2	1.6933/ 1.6939 43.010/ 43.025	1.8122/ 1.8130 46.030/ 46.050	0.7870 19.99	0.0583 1.481	
MB 577AM STD/.25/.5/.75/1.0 <i>Flange length:</i> <i>STD 30.96 mm (FI STD)</i> <i>0.25 30.16 mm (FI O/S 0.1)</i> <i>0.5, 0.75, 1.0 31.21mm (FI O/S 0.25mm)</i> ACL: 5M1134 CLE: MS-1430AL DAI: M7277A GLA: M5435SA NDC: MS-1131GP OEM: MD020381 VAN: VPM91684A	M 577	4 Pairs	1-2-4-5	2.5976/ 2.5984 65.979/ 65.999	2.7559/ 2.7567 70.000/ 70.020	0.9840 24.99	0.0782 1.986	
	F 577	1 Pair	3	2.5976/ 2.5984 65.979/ 65.999	2.7559/ 2.7567 70.000/ 70.020	1.2190 30.96	0.0782 1.986	
MB5228AM STD/.25/.5/.75/1.0 <i>same as MB 577AM, but</i> <i>with flange STD length in all undersizes .</i> ACL: 5M1137 CLE: MS-2069P FMO: 6593M GLY: H1055/5	M 577	4 Pairs	1-2-4-5	2.5976/ 2.5984 65.979/ 65.999	2.7559/ 2.7567 70.000/ 70.020	0.9840 24.99	0.0782 1.986	
	F5228	1 Pair	3	2.5976/ 2.5984 65.979/ 65.999	2.7559/ 2.7567 70.000/ 70.020	1.2190 30.96	0.0782 1.986	
23	OM647LA V5 Mercedes Benz 164CI /2.7Liter, DOHC, 20 Valves, Gasoline Supercharged	01/2003- 12/2006	2684 cc	88.00 X 88.40	5 cyl	Sprinter	23	
	OM612LA V5 Mercedes Benz 164CI /2.7Liter, DOHC, 20 Valves, Gasoline Supercharged	01/2003- 12/2006	2685 cc	88.00 X 88.40	5 cyl	Sprinter		
CR1018XA STD/.25/.5/.75/1.0/1.25/1.5 CLE: CB-1842P (1) FMO: 4945P GLY: 71-3876/1~ K.S: 79 395 600	C4327U C4327L	1 Pair		1.8878/ 1.8884 47.950/ 47.965	2.0315/ 2.0322 51.600/ 51.618	0.8583 21.80	0.0713 1.811	
MB 624XA STD/.25/.5 CLE: MS-2248P FMO: 7416M GLY: H 068/6~ K.S: 77 519 600~	M5117U M5117L	6 Pairs		2.2815/ 2.2821 57.950/ 57.965	2.4606/ 2.4614 62.499/ 62.520	0.6890 17.50	0.0892 2.266	
TW2008AM STD/.10/.20/.25/.5 GLA: W2357SA GLY: A 129/4 VAN: VPM95145A	W2008D W2008E	2 Pairs		2.5905/ 0.0000 65.799/ 0.000	3.1890/ 0.0000 81.001/ 0.000	0.0000 0.00	0.0860 2.184	
24	EER V6 167CI /2.7Liter, DOHC, 24 Valves, vin D,R,T,U, Gasoline	01/1998- 12/2009	2700 cc	86.00 X 78.50	6 cyl	300, Avenger, Charger, Concorde, Intrepid, Magnum, Sebring, Stratus	24	
CR6780SI STD/.25/.5/.75/1.0 ACL: 6B7170 ~ CLE: CB-1670P (6) FMO: 6-4830A ~	C6780	6 Pairs		2.1060/ 2.1067 53.492/ 53.510	2.2241/ 2.2247 56.492/ 56.507	0.6840 17.37	0.0585 1.486	
CR6781SI STD/.25/.5/.75 <i>Same as CR6780SI but with housing bore resized</i> <i>.002" larger</i> ACL: 6B7170 O/S2 ~ CLE: CB-1787P (6) FMO: 6-4830AX2	C6781	6 Pairs		2.1060/ 2.1067 53.492/ 53.510	2.2261/ 2.2267 56.543/ 56.558	0.6840 17.37	0.0595 1.511	
MB4074SI STD/.25/.5/.75 <i>Set includes thrust washers, TW 170AM</i> ACL: 4M7172 ~ CLE: MS-2209P FMO: 7382MA	M4074U M4074L	4 Pairs	1-4	2.4997/ 2.5004 63.492/ 63.510	2.7163/ 2.7169 68.994/ 69.009	0.7360 18.69	0.1079 2.741	
	W4074	1 Pair		2.7992/ 2.8091 71.100/ 71.351	3.5508/ 3.5606 90.190/ 90.439	0.0000 0.00	0.0809 2.055	
25	6G72 V6 Mitsubishi 181CI /3.0Liter, DOHC, 24 Valves, vin B,J, Gasoline	01/1991- 12/1996	2972 cc	91.10 X 76.00	6 cyl	Stealth	25	
	6G72 V6 Mitsubishi 181CI /3.0Liter, DOHC, 24 Valves, vin C,K, Gasoline Supercharged	01/1991- 12/1996	2972 cc	91.10 X 76.00	6 cyl	Stealth		
CR6629AM STD/.25/.5/.75/1.0/1.25 ACL: 6B1140 CLE: CB-1411AL (6) DAI: R7708A FMO: 6-1735AP GLA: B6658 NDC: CB-1822 OEM: MD105277	C6629	6 Pairs		1.9674/ 1.9685 49.972/ 50.000	2.0866/ 2.0874 53.000/ 53.020	0.6060 15.39	0.0587 1.491	

CHRYSLER				CHRYSLER			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
MB4016AM STD/.25/.5/.75/1.0 CLE:MS-2226P FMO:7355M	M4016U M4016L	4 Pairs		2.3611/ 2.3622 59.972/ 60.000	2.5197/ 2.5205 64.000/ 64.021	0.7090 18.01	0.0783 1.989
TW 247AM STD ACL:2T1149 CLE:TW- 458S DAI:T7285A FMO:1736AF K.S:TW-1822GP NDC:TW-1822GP OEM:MD116890	W 247D W 247E	2 Pairs		2.5984/ 2.6083 65.999/ 66.251	3.0590/ 3.0690 77.699/ 77.953	0.0000 0.00	0.0777 1.974
26	6G72 V6 Mitsubishi 181Cl /3.0Liter, SOHC, 12 Valves, vin 3,H,S, Gasoline	01/1987-12/1996	2972 cc	91.00 X 76.00	6 cyl		26
	6G72 V6 Mitsubishi 181Cl /3.0Liter, SOHC, 24 Valves, vin H,J,R, Gasoline	01/2001-12/2005	2972 cc	91.00 X 76.00	6 cyl		
CR6629AM STD/.25/.5/.75/1.0/1.25 ACL:6B1140 CLE:CB-1411AL (6) DAI:R7708A FMO:6-1735AP GLA:B6658 NDC:CB-1822 OEM:MD105277	C6629	6 Pairs		1.9674/ 1.9685 49.972/ 50.000	2.0866/ 2.0874 53.000/ 53.020	0.6060 15.39	0.0587 1.491
MB 458AM STD/.25/.5/.75/1.0 ACL:4M1149 CLE:MS-1720P DAI:M7285A FMO:7090M GLA:M4289 GLY:7090M K.S:MS-1822A NDC:MS-1822 OEM:MD357491 OEM:MD105269	M 458U M4016L	4 Pairs		2.3611/ 2.3622 59.972/ 60.000	2.5197/ 2.5205 64.000/ 64.021	0.7090 18.01	0.0783 1.989
TW 247AM STD ACL:2T1149 CLE:TW- 458S DAI:T7285A FMO:1736AF K.S:TW-1822GP NDC:TW-1822GP OEM:MD116890	W 247D W 247E	2 Pairs		2.5984/ 2.6083 65.999/ 66.251	3.0590/ 3.0690 77.699/ 77.953	0.0000 0.00	0.0777 1.974
27	EGW V6 197Cl /3.2Liter, SOHC, 24 Valves, vin J, Gasoline	01/1998-12/2001	3200 cc	92.00 X 84.00	6 cyl	Concorde, Intrepid	27
CR6810SI STD/.25/.26/.5/.75/1.0 ACL:6B1410A CLE:CB-1669P (6) FMO:6-4845P	C6810	6 Pairs		2.2826/ 2.2837 57.978/ 58.006	2.4013/ 2.4018 60.993/ 61.006	0.6680 16.97	0.0580 1.473
MB4103SI STD/.25/.26/.5/.75/1.0 Set includes thrust washers, TW 170AM ACL:4M7182P CLE:MS-2210P FMO:7385M	M4103U M4103L	4 Pairs	1-4	2.5207/ 0.0000 64.026/ 0.000	2.7161/ 2.7169 68.989/ 69.009	0.6850 17.40	0.1020 2.591
	W4074	1 Pair		2.7992/ 2.8091 71.100/ 71.351	3.5508/ 3.5606 90.190/ 90.439	0.0000 0.00	0.0809 2.055
TW 170AM STD ACL: 1T7172 CLE: TW- 606S	W4074	1 Pair		2.7992/ 2.8091 71.100/ 71.351	3.5508/ 3.5606 90.190/ 90.439	0.0000 0.00	0.0809 2.055
28	170Cl /2.8Liter L6 OHV, 12 Valves, vin A, Gasoline	01/1960-12/1971	2800 cc	3.40 X 3.13	6 cyl	A100, Dart, Lancer, P200, P300, Valiant	28
	198Cl /3.2Liter L6 OHV, 12 Valves, vin A,B, Gasoline	01/1969-12/1976	3254 cc	3.40 X 3.64	6 cyl	A100, Challenger, Dart, Duster, Ram, Scamp, Valiant	
CR 614AM STD/010/020/030/040/050/060 ACL:6B606 CLE:CB- 606AL (6) FMO:6-2375RA GLA:B6305M VAN:VPR873A	C 614	6 Pairs		2.1865/ 2.1875 55.537/ 55.563	2.3125/ 2.3130 58.738/ 58.750	0.9900 25.15	0.0624 1.585
CS 401BB 020 ACL:4C874 CLE:SH- 874S DUR:PD-18 FMO:1454M GLA:C4061S							
MB 407AM STD/010/020/030/040/050/060 ACL:4M517 CLE:MS- 517AL FMO:4092M GLA:M4228M VAN:VPM91648	M 407U M 407L	3 Pairs	1-2-4	2.7495/ 2.7505 69.837/ 69.863	2.9425/ 2.9430 74.740/ 74.752	1.0390 26.39	0.0959 2.436
	F 407U F 407L	1 Pair	3	2.7495/ 2.7505 69.837/ 69.863	2.9425/ 2.9430 74.740/ 74.752	1.2550 31.88	0.0959 2.436
29	215Cl /3.5Liter V6 SOHC, 24 Valves, vin 4,F, Gasoline	01/1993-12/1997	3497 cc	96.00 X 81.00	6 cyl	Concorde, Interpid, LHS, New Yorker, Prowler, Vision	29
CR6675AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:6B1410A CLE:CB-1410P (6) FMO:6-1920RA	C6675	6 Pairs		2.2830/ 2.2840 57.988/ 58.014	2.4013/ 2.4018 60.993/ 61.006	0.6510 16.54	0.0584 1.483
MB4040SI STD/.25/.5/.75/1.0 ACL:4M2010P CLE:MS-2010P~ FMO:7351M~	M 497U M 497L	3 Pairs		2.5192/ 2.5202 63.988/ 64.013	2.6769/ 2.6777 67.993/ 68.014	0.6940 17.63	0.0781 1.984

CHRYSLER					CHRYSLER				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
	F4040 M 497L	1 Pair	2	2.5192/ 2.5202 63.988/ 64.013	2.6769/ 2.6777 67.993/ 68.014	0.9400 23.88	0.0781 1.984		
30	215CI /3.5Liter V6 ALUMINUM BLOCK, SOHC, 24 Valves, vin G,K,M,V, Gasoline	01/1991-12/2010	3497 cc	96.00 X 81.00	6 cyl	300, 300M, Charger, Concorde, Intrepid, LHS, Magnum, Pacifica, Prowler		30	
	CR6810SI STD/.25/.26/.5/.75/1.0 For years 1999-07 ACL:6B1410A CLE:CB-1669P (6) FMO:6-4845P	C6810	6 Pairs		2.2826/ 2.2837 57.978/ 58.006	2.4013/ 2.4018 60.993/ 61.006	0.6680 16.97	0.0580 1.473	
	MB4103SI STD/.25/.26/.5/.75/1.0 Set includes thrust washers, TW 170AM ACL:4M7182P CLE:MS-2210P FMO:7385M	M4103U M4103L	4 Pairs	1-4	2.5207/ 0.0000 64.026/ 0.000	2.7161/ 2.7169 68.989/ 69.009	0.6850 17.40	0.1020 2.591	
		W4074	1 Pair		2.7992/ 2.8091 71.100/ 71.351	3.5508/ 3.5606 90.190/ 90.439	0.0000 0.00	0.0809 2.055	
	TW 170AM STD ACL: 1T7172 CLE: TW- 606S	W4074	1 Pair		2.7992/ 2.8091 71.100/ 71.351	3.5508/ 3.5606 90.190/ 90.439	0.0000 0.00	0.0809 2.055	
31	225CI /3.7Liter L6 FORGED CRANK, OHV, 12 Valves, vin 6B,C,D,E,F,H,J,M,N,W,X, Gasoline	01/1960-12/1976	3687 cc	3.40 X 4.13	6 cyl	A100, Aspen, Barracuda, Belvedere, Challenger, Charger, Coronet, Dart, Duster, Fury, L600, Lancer, P100, P200, P300, P400, Polara, S500, Satellite, Savoy, Scamp, Sport Fury, Trailduster, Valiant, Volare, Voyager PB100, Voyager PB200, Voyager PB300, W500		31	
	CR 614AM STD/010/020/030/040/050/060 ACL:6B606 CLE:CB- 606AL (6) FMO:6-2375RA GLA:B6305M VAN:VPR873A	C 614	6 Pairs		2.1865/ 2.1875 55.537/ 55.563	2.3125/ 2.3130 58.738/ 58.750	0.9900 25.15	0.0624 1.585	
	CS 416BB ACL:4C1115 CLE:SH-1115S DUR:PD-21 FMO:1473M								
	MB 407AM STD/010/020/030/040/050/060 ACL:4M517 CLE:MS- 517AL FMO:4092M GLA:M4228M VAN:VPM91648	M 407U M 407L	3 Pairs	1-2-4	2.7495/ 2.7505 69.837/ 69.863	2.9425/ 2.9430 74.740/ 74.752	1.0390 26.39	0.0959 2.436	
		F 407U F 407L	1 Pair	3	2.7495/ 2.7505 69.837/ 69.863	2.9425/ 2.9430 74.740/ 74.752	1.2550 31.88	0.0959 2.436	
32	225CI /3.7Liter L6 CAST CRANK, OHV, 12 Valves, vin 6B,C,D,E,F,H,J,M,N,W,X, Gasoline	01/1976-12/1987	3687 cc	3.40 X 4.13	6 cyl	Aspen, Cordoba, Dart, Diplomat, Duster, Fury, Gran Fury, Lebaron, Mirada, New Yorker, Newport, P300, Ram, Sport Fury, St. Regis, Trailduster, Volare, Voyager PB100, Voyager PB150, Voyager PB200, Voyager PB250, Voyager PB300		32	
	CR6615AM STD/010/020/030/040/050/060 ACL:6B1214 CLE:CB-1214AL (6) FMO:6-3695RA VAN:VPR91745A	C6615	6 Pairs		2.1865/ 2.1875 55.537/ 55.563	2.3125/ 2.3130 58.738/ 58.750	0.7200 18.29	0.0623 1.582	
	CS 416BB ACL:4C1115 CLE:SH-1115S DUR:PD-21 FMO:1473M								
	MB 438AM STD/010/020/030/040/050 ACL:4M1419 CLE:MS-1419AL FMO:5070M VAN:VPM91746A	M 438U M 438L	3 Pairs	1-2-4	2.7495/ 2.7505 69.837/ 69.863	2.9425/ 2.9430 74.740/ 74.752	0.8820 22.40	0.0959 2.436	
		F 438U F 438L	1 Pair	3	2.7495/ 2.7505 69.837/ 69.863	2.9425/ 2.9430 74.740/ 74.752	1.1080 28.14	0.0959 2.436	
33	226CI /3.7Liter V6 MAGNUM, SOHC, 12 Valves, Gasoline	01/2002-12/2009	3703 cc	93.00 X 90.80	6 cyl	Dakota, Durango, Nitro, Ram		33	

CHRYSLER					CHRYSLER			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
CR6822SI STD/.25/.5/.75/1.0 <i>w/o locating lug</i> ACL:6B7200A FMO:6-4840A	C6822	6 Pairs		2.2794/ 2.2797 57.897/ 57.904	2.4092/ 2.4097 61.194/ 61.206	0.6500 16.51	0.0640 1.626	
CS2101BB STD <i>Under Development</i> <i>Balance shaft bearing set.</i> CLE:SH-1997S DUR:PDG-30 FMO:1895M	S2101/1	1	1	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 2.3533 0.000/ 59.774	0.7100 18.03	0.0728 1.849	
	S2101/2	1	2	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 1.2903 0.000/ 32.774	0.7100 18.03	0.0728 1.849	
MB4102SI STD/.25/.26/.5/.75/1.0 <i>includes thrust washer</i> ACL:4M7214A CLE:MS-2244P FMO:7386MA	M5284U M5284L	4 Pairs	1-4	2.4998/ 2.5002 63.495/ 63.505	2.6927/ 2.6931 68.395/ 68.405	0.8120 20.62	0.0962 2.443	
	W5284D W5284E	1 Pair		2.8471/ 2.8510 72.316/ 72.415	3.6345/ 3.6384 92.316/ 92.415	0.0000 0.00	0.1004 2.550	
	W5284D W5284E	1 Pair	3	2.8471/ 2.8510 72.316/ 72.415	3.6345/ 3.6384 92.316/ 92.415	0.0000 0.00	0.1004 2.550	
TW 167AM STD ACL:1T7214 CLE:TW-608S FMO:4706F	W5284D W5284E	1 Pair	3	2.8471/ 2.8510 72.316/ 72.415	3.6345/ 3.6384 92.316/ 92.415	0.0000 0.00	0.1004 2.550	
34	201CI /3.3Liter V6 OHV, 12 Valves, vin 3,E,G,H,J,R,T,U, Gasoline	01/1990-12/2010	3301 cc	93.00 X 81.00	6 cyl	Caravan, Concorde, Dynasty, Grand Caravan, Grand Voyager, Imperial, Intrepid, New Yorker, Town & Country, Vision, Voyager		34
	232CI /3.8Liter V6 OHV, 12 Valves, vin 1,L,P, Gasoline	01/1991-12/2010	3778 cc	96.00 X 87.00	6 cyl	Caravan, Grand Caravan, Grand Voyager, Imperial, New Yorker, Pacifica, Town & Country, Voyager		
CR6675AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:6B1410A CLE:CB-1410P (6) FMO:6-1920RA	C6675	6 Pairs		2.2830/ 2.2840 57.988/ 58.014	2.4013/ 2.4018 60.993/ 61.006	0.6510 16.54	0.0584 1.483	
CS 431BB <i>For years 1990-2009</i> ACL:4C1405S CLE:SH-1405S DUR:PD-28 FMO:1809M	S 431/1	1	1	1.9970/ 1.9990 50.724/ 50.775	2.1295/ 2.1305 54.089/ 54.115	0.9350 23.75	0.0647 1.643	
	S 431/2	1	2	1.9800/ 1.9820 50.292/ 50.343	2.1135/ 2.1145 53.683/ 53.708	0.6150 15.62	0.0653 1.659	
	S 431/3	1	3	1.9650/ 1.9670 49.911/ 49.962	2.0985/ 2.0995 53.302/ 53.327	0.6150 15.62	0.0653 1.659	
	S 431/4	1	4	1.9500/ 1.9520 49.530/ 49.581	2.0825/ 2.0835 52.896/ 52.921	0.6150 15.62	0.0647 1.643	
MB4060SI STD/.25/.5/.75/1.0/1.25 ACL:4M7278A CLE:MS-1946P FMO: 7146M	M4060 M 497L	3 Pairs	1-3-4	2.5192/ 2.5202 63.988/ 64.013	2.6769/ 2.6777 67.993/ 68.014	0.6940 17.63	0.0781 1.984	
	F4060U F4060L	1 Pair	2	2.5192/ 2.5202 63.988/ 64.013	2.6769/ 2.6777 67.993/ 68.014	0.9400 23.88	0.0781 1.984	
35	238CI /3.9Liter V6 MAGNUM, OHV, 12 Valves, vin X, Gasoline	01/1987-12/2003	3906 cc	3.91 X 3.31	6 cyl	Dakota, Durango, Ram		35
CR6636SI STD/010/020/030 ACL:6B1387 CLE:CB-1387AL (6) FMO:6-1460	C6636	6 Pairs		2.1240/ 2.1250 53.950/ 53.975	2.2500/ 2.2507 57.150/ 57.168	0.7350 18.67	0.0624 1.585	
CR6821SI STD/010/020/030/040 <i>Same as CR6636SI but with housing bore resized .002" larger</i> FMO:6-1460Ax2	C6821	6 Pairs		2.1240/ 2.1250 53.950/ 53.975	2.2520/ 2.2527 57.201/ 57.219	0.7350 18.67	0.0630 1.600	
CS 430BB ACL:4C1114 CLE:SH-1114S DUR:PD-27 FMO:1790M	S 430/3	1	3	1.9510/ 1.9520 49.555/ 49.581	2.0825/ 2.0835 52.896/ 52.921	0.6150 15.62	0.0645 1.638	
	S 430/4	1	4	1.5605/ 1.5615 39.637/ 39.662	1.6920/ 1.6930 42.977/ 43.002	0.9400 23.88	0.0645 1.638	
	S 430/1	1	1	1.9980/ 1.9990 50.749/ 50.775	2.1295/ 2.1305 54.089/ 54.115	0.8650 21.97	0.0645 1.638	
	S 430/2	1	2	1.9820/ 1.9830 50.343/ 50.368	2.1135/ 2.1145 53.683/ 53.708	0.6250 15.88	0.0645 1.638	






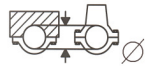


CHRYSLER				CHRYSLER				
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
MB 463SI STD/010/020/030/040/050 ACL: 4M1701 CLE: MS-1701P FMO: 7050M	M 558/1U M5534/1L	2 Pairs	1-3	2.4995/ 2.5005 63.487/ 63.513	2.6925/ 2.6930 68.390/ 68.402	0.8770 22.28	0.0957 2.431	
	M 558/5U M 558/5L	1 Pair	4	2.4995/ 2.5005 63.487/ 63.513	2.6925/ 2.6930 68.390/ 68.402	1.3270 33.71	0.0957 2.431	
	F 563U F 563L	1 Pair	2	2.4995/ 2.5005 63.487/ 63.513	2.6925/ 2.6930 68.390/ 68.402	1.1520 29.26	0.0957 2.431	
36	215CI /3.5Liter L6 HEMI, OHV, 12 Valves, Gasoline	01/1970- 12/1974	3523 cc	3.52 X 3.68	6 cyl	Valiant, Centura		
	245CI /4.0Liter L6 HEMI, OHV, 12 Valves, Gasoline	01/1970- 12/1980	4015 cc	3.76 X 3.68	6 cyl			
	265CI /4.3Liter L6 HEMI, OHV, 12 Valves, Gasoline	01/1971- 12/1980	4342 cc	3.91 X 3.68	6 cyl			
CR6672AM STD/010/020/030/040 VAN: VPR91518	C6672	6 Pairs		1.9990/ 2.0000 50.775/ 50.800	2.1252/ 2.1257 53.980/ 53.993	0.8200 20.83	0.0620 1.575	
MB7723AM STD/010/020/030 VAN: VPM91519	M7723U M7723L	6 Pairs	1-2-3-4- 5-7	2.4995/ 2.5005 63.487/ 63.513	2.6925/ 2.6930 68.390/ 68.402	0.8250 20.96	0.0956 2.428	
	F7723U F7723L	1 Pair	6	2.4995/ 2.5005 63.487/ 63.513	2.6925/ 2.6930 68.390/ 68.402	1.0480 26.62	0.0956 2.428	
37	287CI /4.7Liter V8 MAGNUM,MAGNUM H.O.,POWER TECH, SOHC, 16 Valves, vin J,N,P, Gasoline	01/2000- 12/2009	4700 cc	3.66 X 3.41	8 cyl	Aspen, Dakota, Durango, Ram		
CR8030SI STD/.25/.5/.75/1.0 w/o locating lug ACL: 8B7206A CLE: CB-1854A(8) FMO: 8-4835A	C8030	8 Pairs		2.0077/ 2.0080 50.996/ 51.003	2.1257/ 2.1262 53.993/ 54.005	0.6550 16.64	0.0587 1.491	
CR8031SI STD/.25/.5/.75/1.0 Same as CR8030SI but with housing bore resized .002" larger. w/o locating lug. ACL: 8B7206AO/S 2 CLE: CB-1855A(8) FMO: 8-4835AX2	C8031	8 Pairs		2.0077/ 2.0080 50.996/ 51.003	2.1277/ 2.1282 54.044/ 54.056	0.6550 16.64	0.0596 1.514	
CS5507BB DUR: PDA-4								
MB5284SI STD/.25/.5/.75 Set includes Thrust Washers ACL: 5M7214A CLE: MS-2216P FMO: 7352MA	M5284U M5284L	5 Pairs	1-5	2.4998/ 2.5002 63.495/ 63.505	2.6927/ 2.6931 68.395/ 68.405	0.8120 20.62	0.0962 2.443	
	W5284D W5284E	1 Pair	3	2.8471/ 2.8510 72.316/ 72.415	3.6345/ 3.6384 92.316/ 92.415	0.0000 0.00	0.1004 2.550	
TW 167AM STD ACL: 1T7214 CLE: TW-608S FMO: 4706F	W5284D W5284E	1 Pair	3	2.8471/ 2.8510 72.316/ 72.415	3.6345/ 3.6384 92.316/ 92.415	0.0000 0.00	0.1004 2.550	
38	318CI /5.2Liter V8 OHV, 16 Valves, vin E,G,H,P, Gasoline	01/1974- 12/1978	5211 cc	3.91 X 3.31	8 cyl	Aspen, Barracuda, Charger, Cordoba, Coronet, Dakota, Diplomat, Durango, Duster, Gran Fury, Imperial, Lebaron, Magnum, Mirada, Monaco, New Yorker, Newport, Power Ram, Ram, Ramcharger, Road Runner, S600, Scamp, St. Regis, Trailduster, Valiant, Volare, Voyager		
CR 805SI STD/001/010/020/030/040/050/060 ACL: 8B481P CLE: CB- 481P FMO: 8-2130CP ~ VAN: VPR91113	C 805	8 Pairs		2.1240/ 2.1250 53.950/ 53.975	2.2500/ 2.2507 57.150/ 57.168	0.8420 21.39	0.0624 1.585	
CR8013SI Same as CR 805SI but with housing bore resized	C8013	8 Pairs		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 2.2527 0.000/ 57.219	0.8480 21.54	0.0630 1.600	

CHRYSLER				CHRYSLER			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
.002" larger ACL:8B481PO/S2 CLE:CB-1779P(8)							
CS 512BB ACL:5C875 CLE:SH- 875S DUR:PD-16 FMO:1451M VAN:VPC993							
MB 563SI STD/010/020/030/040 CLE:MS-1264AL FMO:5024M VAN:VPM91647	M 558/1U M 558/1L	3 Pairs	1-2-4	2.4995/ 2.5005 63.487/ 63.513	2.6925/ 2.6930 68.390/ 68.402	0.8770 22.28	0.0957 2.431
	M 558/5U M 558/5L	1 Pair	5	2.4995/ 2.5005 63.487/ 63.513	2.6925/ 2.6930 68.390/ 68.402	1.3270 33.71	0.0957 2.431
	F 563U F 563L	1 Pair	3	2.4995/ 2.5005 63.487/ 63.513	2.6925/ 2.6930 68.390/ 68.402	1.1520 29.26	0.0957 2.431
39	318CI /5.2Liter V8 OHV, 16 Valves, vin 2,4,G,H,J,K,L,M,N,P,R,S,T,U,Y,Z, Gasoline	01/1979- 12/2003	5211 cc	3.91 X 3.31	8 cyl		39
CR 805SI STD/001/010/020/030/040/050/060 ACL:8B481P CLE:CB- 481P FMO:8-2130CP ~ VAN:VPR91113	C 805	8 Pairs		2.1240/ 2.1250 53.950/ 53.975	2.2500/ 2.2507 57.150/ 57.168	0.8420 21.39	0.0624 1.585
CR8013SI Same as CR 805SI but with housing bore resized .002" larger ACL:8B481PO/S2 CLE:CB-1779P(8)	C8013	8 Pairs		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 2.2527 0.000/ 57.219	0.8480 21.54	0.0630 1.600
CS 527BB STD ACL:5C1112 CLE:SH-1112S DUR:PD-25 FMO:1484M							
MB5534SI STD/010/020/030/040 ACL:5M1344 CLE:MS-1344AL FMO:5095M	M 558/1U M 558/1L	2 Pairs	2-4	2.4995/ 2.5005 63.487/ 63.513	2.6925/ 2.6930 68.390/ 68.402	0.8770 22.28	0.0957 2.431
	M 558/1U M5534/1L	1 Pair	1	2.4995/ 2.5005 63.487/ 63.513	2.6925/ 2.6930 68.390/ 68.402	0.8770 22.28	0.0957 2.431
	M 558/5U M 558/5L	1 Pair	5	2.4995/ 2.5005 63.487/ 63.513	2.6925/ 2.6930 68.390/ 68.402	1.3270 33.71	0.0957 2.431
	F 563U F 563L	1 Pair	3	2.4995/ 2.5005 63.487/ 63.513	2.6925/ 2.6930 68.390/ 68.402	1.1520 29.26	0.0957 2.431
40	273CI /4.5Liter V8 OHV, 16 Valves, vin D, Gasoline	01/1964- 12/1969	4540 cc	3.63 X 3.31	8 cyl	A100, Barracuda, Charger, Coronet, Dart, Fury, Satellite, Valiant	40
	277CI /4.6Liter V8 OHV, 16 Valves, Gasoline	01/1956- 12/1957	4540 cc	3.75 X 3.13	8 cyl	Belvedere, Plaza, Savoy	
	301CI /4.9Liter V8 OHV, 16 Valves, Gasoline	01/1957- 12/1957	4933 cc	3.91 X 3.13	8 cyl	Belvedere, Plaza, Savoy	
	303CI /5.0Liter V8 OHV, 16 Valves, Gasoline	01/1956- 12/1956	4966 cc	3.81 X 3.31	8 cyl	Belvedere	
	313CI /5.1Liter V8 OHV, 16 Valves, Gasoline	01/1957- 12/1958	5130 cc	3.88 X 3.31	8 cyl		
	318CI /5.2Liter V8 OHV, 16 Valves, vin 8,E,F,G, Gasoline	01/1957- 12/1973	5211 cc	3.91 X 3.31	8 cyl	A100, Barracuda, Belvedere, C500, Challenger, Charger, Coronet, D500, Dart, Duster, Fury, Gran Fury, L600, M300, P300, P400, Plaza, Polara, Ram, Road Runner, S500, S600, Satellite, Savoy, Scamp, Sport Fury, Sport Satellite, VIP, W500	
	326CI /5.3Liter V8 OHV, 16	01/1959-	5343 cc	3.95 X 3.31	8 cyl	Coronet	

CHRYSLER				CHRYSLER				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
Valves, Gasoline 340CI /5.6Liter V8 OHV, 16 Valves, Gasoline	12/1959 01/1968- 12/1973	5572 cc	4.04 X 3.31	8 cyl	Barracuda, Challenger, Charger, Coronet, Dart, Duster, Fury, Road Runner, Satellite, Sport Fury			
CR 805SI STD/001/010/020/030/040/050/060 ACL: 8B481P CLE: CB- 481P FMO: 8-2130CP ~ VAN: VPR91113	C 805	8 Pairs		2.1240/ 2.1250 53.950/ 53.975	2.2500/ 2.2507 57.150/ 57.168	0.8420 21.39	0.0624 1.585	
CR8013SI Same as CR 805SI but with housing bore resized .002" larger ACL: 8B481PO/S2 CLE: CB-1779P (8)	C8013	8 Pairs		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 2.2527 0.000/ 57.219	0.8480 21.54	0.0630 1.600	
CS 512BB ACL: 5C875 CLE: SH- 875S DUR: PD-16 FMO: 1451M VAN: VPC993								
MB 558SI STD/010/020/030/040/050/060 ACL: 5M540P CLE: MS-963P FMO: 4923M- VAN: VPM796	M 558/1U M 558/1L	3 Pairs	1-2-4	2.4995/ 2.5005 63.487/ 63.513	2.6925/ 2.6930 68.390/ 68.402	0.8770 22.28	0.0957 2.431	
	M 558/5U M 558/5L	1 Pair	5	2.4995/ 2.5005 63.487/ 63.513	2.6925/ 2.6930 68.390/ 68.402	1.3270 33.71	0.0957 2.431	
	F 558U F 558L	1 Pair	3	2.4995/ 2.5005 63.487/ 63.513	2.6925/ 2.6930 68.390/ 68.402	1.1520 29.26	0.0957 2.431	
41 359CI /5.9Liter L6 Cummins OHV, 12 Valves, vin 8,C,D, Diesel	01/1989- 12/1998	5883 cc	102.00 X 120.00	6 cyl	D-Series, Ram, W-Series		41	
CR1035SI STD/.25/.5/.75/1.0 CLE: CB-1413P (1) OEM: 3901170X1	C4165	1 Pair		2.7161/ 2.7170 68.989/ 69.012	2.8735/ 2.8745 72.987/ 73.012	1.2250 31.12	0.0774 1.966	
CR6699SI STD/.25/.5/.75/1.0 6 pair version of CR1035SI CLE: CB-1413P (6) FMO: 6-4205CP OEM: 3901170X6	C4165	6 Pairs		2.7161/ 2.7170 68.989/ 69.012	2.8735/ 2.8745 72.987/ 73.012	1.2250 31.12	0.0774 1.966	
MB7009SI STD CLE: MS-1717P FMO: 7216M OEM: 3802070	M5006U M5006L	6 Pairs	1-2-3-4- 5-7	3.2672/ 3.2682 82.987/ 83.012	3.4639/ 3.4652 87.983/ 88.016	1.1430 29.03	0.0970 2.464	
	F5006 M5006L	1 Pair	6	3.2672/ 3.2682 82.987/ 83.012	3.4639/ 3.4652 87.983/ 88.016	1.4700 37.34	0.0970 2.464	
42 QSB L6 Cummins 359CI /5.9Liter, OHV, 24 Valves, vin 6,C, Diesel Turbocharge	01/2003- 12/2008	5883 cc	102.00 X 120.00	6 cyl	Ram		42	
CR1305SI STD/.25/.5/.75 CLE: CB-1873AP OEM: 2996044 VAN: VPR06042 (6 Pairs Required)	C4165 C1305L	1 Pair		2.7161/ 2.7170 68.989/ 69.012	2.8735/ 2.8745 72.987/ 73.012	1.2250 31.12	0.0774 1.966	
MB7119SI STD/.25/.5/.75 CLE: MS-1717P FMO: 7216M OEM: 3802070	M5006U M5006L	6 Pairs	1-2-3-4- 5	3.2672/ 3.2682 82.987/ 83.012	3.4639/ 3.4652 87.983/ 88.016	1.1400 28.96	0.0970 2.464	
	F5006 F7119L	1 Pair	6	3.2672/ 3.2682 82.987/ 83.012	3.4639/ 3.4652 87.983/ 88.016	1.4700 37.34	0.0970 2.464	
43 ISB L6 Cummins 359CI /5.9Liter, OHV, 24 Valves, vin 6,7,C, Diesel Turbocharge	01/1998- 12/2002	5883 cc	102.00 X 120.00	6 cyl	Ram		43	
CR1035SI STD/.25/.5/.75/1.0 CLE: CB-1413P (1) OEM: 3901170X1	C4165	1 Pair		2.7161/ 2.7170 68.989/ 69.012	2.8735/ 2.8745 72.987/ 73.012	1.2250 31.12	0.0774 1.966	
CR6699SI STD/.25/.5/.75/1.0 6 pair version of CR1035SI CLE: CB-1413P (6) FMO: 6-4205CP OEM: 3901170X6	C4165	6 Pairs		2.7161/ 2.7170 68.989/ 69.012	2.8735/ 2.8745 72.987/ 73.012	1.2250 31.12	0.0774 1.966	
MB7009SI STD CLE: MS-1717P FMO: 7216M OEM: 3802070	M5006U M5006L	6 Pairs	1-2-3-4- 5-7	3.2672/ 3.2682 82.987/ 83.012	3.4639/ 3.4652 87.983/ 88.016	1.1430 29.03	0.0970 2.464	
	F5006	1 Pair		3.2672/ 3.2682	3.4639/ 3.4652	1.4700	0.0970	

CHRYSLER					CHRYSLER			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
	M5006L		6	82.987/ 83.012	87.983/ 88.016	37.34	2.464	
44	ISB L6 Cummins 359CI /5.9Liter, OHV, 24 Valves, vin 6,C, Diesel Turbocharge	01/2003-12/2004	5883 cc	102.00 X 120.00	6 cyl	Ram	44	
CR1305SI STD/.25/.5/.75 CLE:CB-1873AP OEM:2996044 VAN:VPR06042 (6 Pairs Required)	C4165 C1305L	1 Pair		2.7161/ 2.7170 68.989/ 69.012	2.8735/ 2.8745 72.987/ 73.012	1.2250 31.12	0.0774 1.966	
MB7119SI STD/.25/.5/.75	M5006U M5006L	6 Pairs	1-2-3-4-5	3.2672/ 3.2682 82.987/ 83.012	3.4639/ 3.4652 87.983/ 88.016	1.1400 28.96	0.0970 2.464	
	F5006 F7119L	1 Pair	6	3.2672/ 3.2682 82.987/ 83.012	3.4639/ 3.4652 87.983/ 88.016	1.4700 37.34	0.0970 2.464	
45	360CI /5.9Liter V8 OHV, 16 Valves, vin 1,5,F,J,K,L,S,T,U,W,Y, Gasoline	01/1971-12/1973	5899 cc	4.00 X 3.58	8 cyl	Aspen, Barracuda, Brougham, Caravelle, Challenger, Charger, Cordoba, Coronet, D500, D600, Dakota, Dart, Diplomat, Durango, Duster, Fury, Gran Fury, M300, Magnum, Mirada, Monaco, Newport, Polara, Ram, Ramcharger, Road Runner, Royal Monaco, Satellite, Scamp, Sport Fury, St. Regis, Trailduster, Valiant, Volare, Voyager	45	
CR 805SI STD/001/010/020/030/040/050/060 ACL:8B481P CLE:CB- 481P FMO:8-2130CP ~ VAN:VPR91113	C 805	8 Pairs		2.1240/ 2.1250 53.950/ 53.975	2.2500/ 2.2507 57.150/ 57.168	0.8420 21.39	0.0624 1.585	
CR8013SI Same as CR 805SI but with housing bore resized .002" larger ACL:8B481PO/S2 CLE:CB-1779P(8)	C8013	8 Pairs		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 2.2527 0.000/ 57.219	0.8480 21.54	0.0630 1.600	
CS 512BB ACL:5C875 CLE:SH- 875S DUR:PD-16 FMO:1451M VAN:VPC993								
MB 510SI STD/010/020/030/040 ACL:5M1051 CLE:MS-1051AL FMO:4948M VAN:VPM91579	M 517/1U M 517/1L	3 Pairs	1-2-4	2.8095/ 2.8105 71.361/ 71.387	3.0025/ 3.0030 76.264/ 76.276	0.8770 22.28	0.0959 2.436	
	F 510U F 510L	1 Pair	3	2.8095/ 2.8105 71.361/ 71.387	3.0025/ 3.0030 76.264/ 76.276	1.1520 29.26	0.0959 2.436	
	M 517/5U M 517/5L	1 Pair	5	2.8095/ 2.8105 71.361/ 71.387	3.0025/ 3.0030 76.264/ 76.276	1.2590 31.98	0.0959 2.436	
46	360CI /5.9Liter V8 OHV, 16 Valves, vin 5,J,K,L,Z, Gasoline	01/1974-12/2003	5899 cc	4.00 X 3.58	8 cyl		46	
CR 805SI STD/001/010/020/030/040/050/060 ACL:8B481P CLE:CB- 481P FMO:8-2130CP ~ VAN:VPR91113	C 805	8 Pairs		2.1240/ 2.1250 53.950/ 53.975	2.2500/ 2.2507 57.150/ 57.168	0.8420 21.39	0.0624 1.585	
CR8013SI Same as CR 805SI but with housing bore resized .002" larger ACL:8B481PO/S2 CLE:CB-1779P(8)	C8013	8 Pairs		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 2.2527 0.000/ 57.219	0.8480 21.54	0.0630 1.600	
CS 512BB Years 74-78 ACL:5C875 CLE:SH- 875S DUR:PD-16 FMO:1451M VAN:VPC993								
CS 527BB STD Years 1979-2003								

CHRYSLER					CHRYSLER				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
ACL: 5C1112 DUR: PD-25	CLE: SH-1112S FMO: 1484M								
MB 517S STD/010/020/030/040/060 ACL: 5M1266 FMO: 4999M	CLE: MS-1266AL VAN: VPM91579	M 517/1U M 517/1L	3 Pairs	1-2-4	2.8095/ 2.8105 71.361/ 71.387	3.0025/ 3.0030 76.264/ 76.276	0.8770 22.28	0.0959 2.436	
		F 517U F 517L	1 Pair	3	2.8095/ 2.8105 71.361/ 71.387	3.0025/ 3.0030 76.264/ 76.276	1.1520 29.26	0.0959 2.436	
		M 517/5U M 517/5L	1 Pair	5	2.8095/ 2.8105 71.361/ 71.387	3.0025/ 3.0030 76.264/ 76.276	1.2590 31.98	0.0959 2.436	
47	EZA, EZB, EZC, EZD, EZE, EZH, HEMI V8 345CI /5.7Liter, OHV, 16 Valves, vin 2,D,H,T, Gasoline	01/2003-12/2010	5653 cc	3.92 X 3.58	8 cyl	300C, Aspen, Challenger, Charger, Durango, Magnum, Ram			47
	370CI /6.1Liter V8 HEMI, OHV, 16 Valves, vin 3,W, Gasoline	01/2006-12/2010	6059 cc	4.06 X 3.58	8 cyl	300, Charger, Challenger, Magnum			
CR8032CP STD/.25/.5/.75/1.0 ACL: 8B1808A FMO: 8-4960P	CLE: CB-1808P (8)	C1282	8 Pairs		2.1257/ 2.1263 53.993/ 54.008	2.2522/ 2.2527 57.206/ 57.219	0.7910 20.09	0.0626 1.590	
CS5512BB STD CLE: SH-1990S	DUR: PD-31B	S5512/1	1	1	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 2.4231 0.000/ 61.547	0.6650 16.89	0.0650 1.651	
		S5512/2	1	2	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 2.4073 0.000/ 61.145	0.5870 14.91	0.0650 1.651	
		S5512/3	1	3	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 2.3916 0.000/ 60.747	0.5870 14.91	0.0650 1.651	
		S5512/4	1	4	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 2.3758 0.000/ 60.345	0.5870 14.91	0.0650 1.651	
		S5512/5	1	5	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 1.8499 0.000/ 46.987	0.5870 14.91	0.0650 1.651	
MB5659S STD/.25/.5/.75/1.0 <i>Requires Thrust Washer set.</i> ACL: 5M2220A FMO: 7419M	CLE: MS-2220P~	M5659U M5659L	5 Pairs		2.5589/ 2.5592 64.996/ 65.004	2.7515/ 2.7522 69.888/ 69.906	0.8465 21.50	0.0962 2.443	
TW1003AM <i>Under Development</i> ACL: 1T611S	CLE: TW-611S	W1003/1 W1003/2	1 Pair	3	2.8600/ 2.8800 72.644/ 73.152	0.0000/ 3.6760 0.000/ 93.370	0.0000 0.00	0.1018 2.586	
48	350CI /5.7Liter V8 OHV, 16 Valves, Gasoline	01/1958-12/1958	5737 cc	4.06 X 3.38	8 cyl	Belvedere, Firesweep, Royal			48
	361CI /5.9Liter V8 OHV, 16 Valves, vin 8,F, Gasoline	01/1958-12/1977	5917 cc	4.13 X 3.38	8 cyl	Belvedere, C500, C800, CT700, CT800, Charger, Coronet, Custom Royal, Dart, DeSoto, Firedome, Fireflite, Firesweep, Fury, Matador, Newport, Polara, Royal, Savoy			
	361CI /5.9Liter V8 OHV, 16 Valves, vin 8,F, Gasoline	01/1966-12/1967	5917 cc	4.13 X 3.38	8 cyl	L600, L700, VIP			
	383CI /6.3Liter V8 OHV, 16 Valves, vin 8,G,H,J,L,N, Gasoline	01/1961-12/1971	6286 cc	4.25 X 3.38	8 cyl	Barracuda, Belvedere, Challenger, Charger, Coronet, Dart, Firedome, Fireflite, Fury, Matador, Monaco, Newport, Polara, Ram, Road Runner, Satellite, Sport Satellite, VIP			
	403CI /6.6Liter V8 OHV, 16 Valves, vin J,M,N,P, Gasoline	01/1972-12/1980	6555 cc	4.34 X 3.38	8 cyl	Brougham, Charger, Cordoba, Coronet, Fury, Gran Fury, Magnum, Monaco, New Yorker, Newport, Ram, Road			

CHRYSLER				CHRYSLER			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
					Runner, Satellite, Sport Fury, Trailduster, Voyager		
CR 806AM STD/010/020/030/040/060 ACL:8B527P CLE:CB- 527(8) FMO:8-2320CP VAN:VPR91099	C 806	8 Pairs		2.3740/ 2.3750 60.300/ 60.325	2.5000/ 2.5005 63.500/ 63.513	0.9320 23.67	0.0623 1.582
CS 533BB ACL:5C876 CLE:SH- 876S DUR:PD-17 FMO:1453M							
MB 555AM STD/010/020/030 ACL:5M876 CLE:MS- 876AL FMO:4094M VAN:VPM91649	M 555U M 555L	4 Pairs	1-2-4-5	2.6245/ 2.6255 66.662/ 66.688	2.8175/ 2.8180 71.565/ 71.577	0.9490 24.10	0.0956 2.428
	F 555U F 555L	1 Pair	3	2.6245/ 2.6255 66.662/ 66.688	2.8175/ 2.8180 71.565/ 71.577	1.2240 31.09	0.0956 2.428
49	ETJ L6 Cummins 408CI /6.7Liter, OHV, 24 Valves, vin A,L, Diesel Turbocharge	01/2007-12/2009	6685 cc	107.00 X 124.00	6 cyl	Ram	49
CR1305SI STD/.25/.5/.75 CLE:CB-1873AP OEM:2996044 VAN:VPR06042 (6 Pairs Required)	C4165 C1305L	1 Pair		2.7161/ 2.7170 68.989/ 69.012	2.8735/ 2.8745 72.987/ 73.012	1.2250 31.12	0.0774 1.966
50	383CI /6.3Liter V8 OHV, 16 Valves, Gasoline	01/1959-12/1960	6286 cc	4.25 X 3.38	8 cyl	Saratoga, Windsor	50
	413CI /6.8Liter V8 OHV, 16 Valves, Gasoline	01/1959-12/1977	6769 cc	4.19 X 3.75	8 cyl	Belvedere, Coronet, Fury, Monaco, Polaro, Sport Fury	
	413CI /6.8Liter V8 HT413, OHV, 16 Valves, Gasoline	01/1960-12/1977	6769 cc	4.19 X 3.75	8 cyl	New Yorker, Polara, Savoy	
	426CI /7.0Liter V8 WEDGE, OHV, 16 Valves, Gasoline	01/1963-12/1965	6981 cc	4.25 X 3.75	8 cyl	Belvedere, Coronet, Fury, Monaco, Polara, Savoy, Sport Fury	
	440CI /7.2Liter V8 OHV, 16 Valves, vin D,K,L,M,T,U,V, Gasoline	01/1966-12/1980	7211 cc	4.32 X 3.75	8 cyl	Barracuda, Belvedere, Challenger, Charger, Coronet, Crown, Fury, GTX, Gran Fury, Imperial, Lebaron, M300, Monaco, New Yorker, Newport, Polara, Ram, Road Runner, Royal Monaco, Satellite, Sport Fury, Sport Satellite, Trailduster, VIP, Voyager	
	440CI /7.2Liter V8 OHV, 16 Valves, vin A, Gasoline	01/1972-12/1980	7211 cc	4.32 X 3.75	8 cyl	100 Series (1/2 Ton), 150 Series (1/2 Ton), 200 Series (3/4 Ton), 250 Series (3/4 Ton), 300 Series (1 Ton), 350 Series (1 Ton)	
CR 806AM STD/010/020/030/040/060 ACL:8B527P CLE:CB- 527(8) FMO:8-2320CP VAN:VPR91099	C 806	8 Pairs		2.3740/ 2.3750 60.300/ 60.325	2.5000/ 2.5005 63.500/ 63.513	0.9320 23.67	0.0623 1.582
CS 533BB ACL:5C876 CLE:SH- 876S DUR:PD-17 FMO:1453M							
51	426CI /7.0Liter V8 HEMI, OHV, 16 Valves, vin H,J,R, Gasoline	01/1964-12/1971	6981 cc	4.25 X 3.75	8 cyl	Barracuda, Belvedere, Challenger, Charger, Coronet, Fury, GTX, Road Runner, Satellite, Savoy, Sport Fury	51
	440CI /7.2Liter V8 OHV, 16 Valves, vin D,K,L,M,T,U,V, Gasoline	01/1966-12/1980	7211 cc	4.32 X 3.75	8 cyl	300, Barracuda, Belvedere,, Challenger, Charger, Coronet,, Crown, Fury, GTX, Gran Fury,, Imperial, Lebaron, M300,, Monaco, New Yorker, Newport,, Polara, Ram, Road Runner,, Royal Monaco, Satellite,,	

CHRYSLER					CHRYSLER				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
						Sport Fury, Sport Satellite,, Trailduster, VIP, Voyager			
CR 806AM STD/010/020/030/040/060 ACL: 8B527P CLE: CB- 527 (8) FMO: 8-2320CP VAN: VPR91099	C 806	8 Pairs		2.3740/ 2.3750 60.300/ 60.325	2.5000/ 2.5005 63.500/ 63.513	0.9320 23.67	0.0623 1.582		
CS 533BB ACL: 5C876 CLE: SH- 876S DUR: PD-17 FMO: 1453M									
52	488CI /8.0Liter V10 IRON BLOCK, OHV, 20 Valves, vin W, Gasoline	01/1994- 12/2003	7990 cc	4.00 X 3.58	10 cyl	Ram 3500		52	
CR1240SI STD/010/020/030/040 ACL: 1B481P FMO: 1-2130CP	C 805	1 Pair		2.1240/ 2.1250 53.950/ 53.975	2.2500/ 2.2507 57.150/ 57.168	0.8480 21.54	0.0624 1.585		
CR1317SI STD/010/020/030 CLE: CB- 481P (10) FMO: 10-2130	C 805	10 Pairs		2.1240/ 2.1250 53.950/ 53.975	2.2500/ 2.2507 57.150/ 57.168	0.8480 21.54	0.0624 1.585		
CS6601BB STD DUR: PD-30 FMO: 1896M									
MB 629SI STD/010/020/030/.25/.5/.75 <i>SUPERSEDED BY MB 629SI</i> <i>NOTE: Truck engine only, cast iron block. Will not fit Dodge Viper aluminum block.</i> CLE: MS-2200P FMO: 7379M	M 629/1U M 629/1L	2 Pairs	1-6	2.9995/ 3.0005 76.187/ 76.213	3.1925/ 3.1930 81.090/ 81.102	0.9960 25.30	0.0960 2.438		
	M 629/2U M 629/2L	3 Pairs	2-4-5	2.9995/ 3.0005 76.187/ 76.213	3.1925/ 3.1930 81.090/ 81.102	0.9570 24.31	0.0960 2.438		
	F 629U F 629L	1 Pair	3	2.9995/ 3.0005 76.187/ 76.213	3.1925/ 3.1930 81.090/ 81.102	1.1520 29.26	0.0960 2.438		
53	488CI /8.0Liter V10 ALUMINUM BLOCK, OHV, 20 Valves, vin E, Gasoline	01/1994- 12/2002	7990 cc	4.00 X 3.58	10 cyl	Viper		53	
CR1240SI STD/010/020/030/040 ACL: 1B481P FMO: 1-2130CP	C 805	1 Pair		2.1240/ 2.1250 53.950/ 53.975	2.2500/ 2.2507 57.150/ 57.168	0.8480 21.54	0.0624 1.585		
CR1317SI STD/010/020/030 CLE: CB- 481P (10) FMO: 10-2130	C 805	10 Pairs		2.1240/ 2.1250 53.950/ 53.975	2.2500/ 2.2507 57.150/ 57.168	0.8480 21.54	0.0624 1.585		

Engine Index: CHRYSLER PERFORMANCE

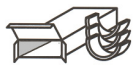




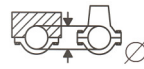


Engine-Code	Years	Cyl	CC	Line
98 (1.6L) 4G61 Mits. DOHC 16	1989-90	4	1595	1
98 (1.6L) 4G61T Mits. DOHC 16	1989-90	4	1595	1
98 (1.6L) 4G32 Mits. SOHC 8	1971-84	4	1597	1
98 (1.6L) 4G32 Mits. SOHC 8	1987-90	4	1597	1
98 (1.6L) G32B Mits. SOHC 8	1984-86	4	1597	1
107 (1.7L) 4G37 Mits. SOHC 8	1989-94	4	1800	1
122 (2.0L) G63B Mits. SOHC 8	1989-92	4	1997	2
122 (2.0L) 4G63 Mits. DOHC 16	1989-92	4	1997	2
122 (2.0L) 4G63T Mits. DOHC 16	1990-92	4	1997	2
122 (2.0L) G63B Mits. SOHC 8	1992	4	1997	3
122 (2.0L) 4G63 Mits. DOHC 16	1992-94	4	1997	3
122 (2.0L) 4G63T Mits. DOHC 16	1992-98	4	1997	3
144 (2.4L) 4G64 Mits. SOHC 8	1990-92	4	2350	2
144 (2.4L) 4G64 Mits. SOHC 8	1992-93	4	2350	3

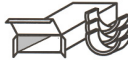




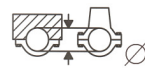


Engine-Code	Years	Cyl	CC	Line
144 (2.4L) 4G64 Mits. SOHC 16	1993-96	4	2351	4
144 (2.4L) 4G64 Mits. SOHC 16	1997-	4	2351	5
273 (4.5L) OHV	1964-69	8	4500	6
318 (5.2L) OHV	1957-78	8	5200	6
340 (5.6L) OHV	1968-73	8	5650	6
350 (5.7L) OHV	1958	8	5736	7
360 (5.9L) Rods only	1971-	8	5891	6
361 (5.9L) OHV	1958-66	8	5900	7
383 (6.3L) OHV	1959-71	8	6300	8
400 (6.6L) OHV	1971-78	8	6600	7
413 (6.8L) OHV	1959-65	8	6800	8
426 (7.0L) Wedge	1963-65	8	7000	9

Car Model Index: CHRYSLER PERFORMANCE

Model	Engine	Years	Cyl	CC	Line

CHRYSLER PERFORMANCE					CHRYSLER PERFORMANCE				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
1	98 (1.6L) 4G61 Mits. DOHC 16 Valve	1989-90	1595 cc	82.30 X 75.00	4 cyl			1	
	98 (1.6L) 4G61T Mits. DOHC 16 Valve Turbo	1989-90	1595 cc	82.30 X 75.00	4 cyl				
	98 (1.6L) 4G32 Mits. SOHC 8 Valve	1971-84	1597 cc	76.90 X 85.85	4 cyl				
	98 (1.6L) 4G32 Mits. SOHC 8 Valve Turbo	1987-90	1597 cc	76.90 X 85.85	4 cyl				
	98 (1.6L) G32B Mits. SOHC 8 Valve Turbo	1984-86	1597 cc	76.90 X 85.85	4 cyl				
	107 (1.7L) 4G37 Mits. SOHC 8 Valve	1989-94	1800 cc	80.60 X 86.00	4 cyl				
CR4484XP									
2	122 (2.0L) G63B Mits. SOHC 8 Valve Vin A	1989-92	1997 cc	85.00 X 88.00	4 cyl			2	
	122 (2.0L) 4G63 Mits. DOHC 16 Valve	1989-92	1997 cc	85.00 X 88.00	4 cyl				
	122 (2.0L) 4G63T Mits. DOHC 16 Valve Turbo	1990-92	1997 cc	85.00 X 88.00	4 cyl				
	144 (2.4L) 4G64 Mits. SOHC 8 Valve	1990-92	2350 cc	86.50 X 100.00	4 cyl				
CR4481XP ^{STD/.25} <i>years from 89 thru 3/92</i> ACL:4B1146H		C4481/PR	4 Pairs		1.7713/ 1.7717 44.991/ 45.001	1.8898/ 1.8905 48.001/ 48.019	0.9250 23.50	0.0588 1.494	
MB5227XP ^{STD/.25} <i>years from 89 thru 3/92</i> ACL:5M1144H		M5227U/PR M5227L/PR	4 Pairs	1-2-4-5	2.2433/ 2.2441 56.980/ 57.000	2.4016/ 2.4024 61.001/ 61.021	0.9060 23.01	0.0783 1.989	
		F5227/PR	1 Pair	3	2.2433/ 2.2441 56.980/ 57.000	2.4016/ 2.4024 61.001/ 61.021	1.1400 28.96	0.0783 1.989	
3	122 (2.0L) G63B Mits. SOHC 8 Valve Vin A	1992	1997 cc	85.00 X 88.00	4 cyl			3	
	122 (2.0L) 4G63 Mits. DOHC 16 Valve	1992-94	1997 cc	85.00 X 88.00	4 cyl				
	122 (2.0L) 4G63T Mits. DOHC 16 Valve Turbo	1992-98	1997 cc	85.00 X 88.00	4 cyl				
	144 (2.4L) 4G64 Mits. SOHC 8 Valve	1992-93	2350 cc	86.50 X 100.00	4 cyl				
CR4120XP <i>Years (from 4/92)</i> ACL:4B1185H		C4120/PR	4 Pairs		1.7709/ 1.7715 44.981/ 44.996	1.8897/ 1.8905 47.998/ 48.019	0.8310 21.11	0.0586 1.488	
MB5209XP ^{STD/.25} <i>From 4/92</i> ACL:5M1186H		M5177U/PR M5177L/PR	4 Pairs	1-2-4-5	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	0.8270 21.01	0.0783 1.989	
		F5209/PR	1 Pair	3	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	1.0000 25.40	0.0783 1.989	
4	144 (2.4L) 4G64 Mits. SOHC 16 Valve	1993-96	2351 cc	86.50 X 100.00	4 cyl			4	

CHRYSLER PERFORMANCE				CHRYSLER PERFORMANCE			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
CR4120XP <i>Years (from 4/92)</i> ACL: 4B1185H	C4120/PR	4 Pairs		1.7709/ 1.7715 44.981/ 44.996	1.8897/ 1.8905 47.998/ 48.019	0.8310 21.11	0.0586 1.488
MB5209XP _{STD/.25} ACL: 5M1186H	M5177U/PR M5177L/PR	4 Pairs	1-2-4-5	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	0.8270 21.01	0.0783 1.989
	F5209/PR	1 Pair	3	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	1.0000 25.40	0.0783 1.989
5	144 (2.4L) 4G64 Mits. SOHC 16 valve	1997-2005	2351 cc	86.50 X 100.00	4 cyl		5
CR4120XP <i>Years (from 4/92)</i> ACL: 4B1185H	C4120/PR	4 Pairs		1.7709/ 1.7715 44.981/ 44.996	1.8897/ 1.8905 47.998/ 48.019	0.8310 21.11	0.0586 1.488
MB5315XP _{STD/.25} ACL: 5M1219H	M5315U/PR M5315L/PR	5 Pairs	1-5	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	0.8270 21.01	0.0783 1.989
TW 173AM _{STD/.25} ACL: 1T1219 FMO: 4709F NDC: TW-1834A	W 173	1 Pair		2.4842/ 2.4941 63.099/ 63.350	3.1693/ 3.1791 80.500/ 80.749	0.0000 0.00	0.0830 2.108
6	273 (4.5L) OHV	1964-69	4500 cc	3.63 X 3.31	8 cyl		6
	318 (5.2L) OHV	1957-78	5200 cc	3.91 X 3.31	8 cyl		
	340 (5.6L) OHV	1968-73	5650 cc	4.04 X 0.00	8 cyl		
	360 (5.9L) Rods only	1971-2003	5891 cc	4.00 X 3.58	8 cyl		
CR 805XPN <i>w/o dowel hole</i> ACL: 1B481H CLE: CB-481HN FMO: 8-7125CH	C 805U/N C 805L/N	8 Pairs		2.1240/ 2.1250 53.950/ 53.975	2.2500/ 2.2505 57.150/ 57.163	0.7980 20.27	0.0623 1.582
CS 512HP _{STD} <i>High Performance</i> CLE: SH-875S DUR: PDP-16 FMO: 2110M	S 512/1	1	1	1.9980/ 1.9990 50.749/ 50.775	2.1295/ 2.1305 54.089/ 54.115	0.8650 21.97	0.0645 1.638
	S 512/2	1	2	1.9820/ 1.9830 50.343/ 50.368	2.1135/ 2.1145 53.683/ 53.708	0.7600 19.30	0.0645 1.638
	S 512/3	1	3	1.9670/ 1.9680 49.962/ 49.987	2.0985/ 2.0995 53.302/ 53.327	0.7600 19.30	0.0645 1.638
	S 512/4	1	4	1.9510/ 1.9520 49.555/ 49.581	2.0825/ 2.0835 52.896/ 52.921	0.7600 19.30	0.0645 1.638
	S 512/5	1	5	1.5605/ 1.5615 39.637/ 39.662	1.6920/ 1.6930 42.977/ 43.002	0.9400 23.88	0.0645 1.638
MB 558XP <i>STD/001/010/010/011/020/020/021/030</i> CLE: MS-540H	M 558/1UPR M 558/1LPR	3 Pairs	1-2-4	2.4995/ 2.5005 63.487/ 63.513	2.6925/ 2.6930 68.390/ 68.402	0.8770 22.28	0.0957 2.431
	M 558/5UPR M 558/5LPR	1 Pair	5	2.4995/ 2.5005 63.487/ 63.513	2.6925/ 2.6930 68.390/ 68.402	1.3270 33.71	0.0957 2.431
	F 558U/PR F 558L/PR	1 Pair	3	2.4995/ 2.5005 63.487/ 63.513	2.6925/ 2.6930 68.390/ 68.402	1.1520 29.26	0.0957 2.431
7	350 (5.7L) OHV	1958	5736 cc	4.06 X 3.38	8 cyl		7
	361 (5.9L) OHV	1958-66	5900 cc	4.13 X 3.38	8 cyl		
	400 (6.6L) OHV	1971-78	6600 cc	4.34 X 0.38	8 cyl		
CR 806HPND <i>w/ dowel hole</i> ACL: 1B527HD~ CLE: CB-527HD~ FMO: 8-7135CH~	C 806U/ND C 806L/ND	8 Pairs		2.3740/ 2.3750 60.300/ 60.325	2.5000/ 2.5005 63.500/ 63.513	0.8620 21.89	0.0622 1.580
CR 806XPND <i>w/ dowel hole</i> ACL: 1B527HD CLE: CB-527HD FMO: 8-7135CH	C 806U/ND C 806L/ND	8 Pairs		2.3740/ 2.3750 60.300/ 60.325	2.5000/ 2.5005 63.500/ 63.513	0.8620 21.89	0.0622 1.580
8	383 (6.3L) OHV	1959-71	6300 cc	4.25 X 3.38	8 cyl		8

CHRYSLER PERFORMANCE				CHRYSLER PERFORMANCE			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
413 (6.8L) OHV		1959-65	6800 cc	4.19 X 3.75	8 cyl		
CR 806HPND w/ dowel hole ACL:1B527HD~ FMO:8-7135CH~ CLE:CB-527HD~	C 806U/ND C 806L/ND	8 Pairs		2.3740/ 2.3750 60.300/ 60.325	2.5000/ 2.5005 63.500/ 63.513	0.8620 21.89	0.0622 1.580
CR 806XPND w/ dowel hole ACL:1B527HD FMO:8-7135CH CLE:CB-527HD	C 806U/ND C 806L/ND	8 Pairs		2.3740/ 2.3750 60.300/ 60.325	2.5000/ 2.5005 63.500/ 63.513	0.8620 21.89	0.0622 1.580
9 426 (7.0L) Wedge 426 HEMI -1964-71 440 -1966-73		1963-65	7000 cc	4.25 X 3.75	8 cyl		9
CR 806HPND w/ dowel hole ACL:1B527HD~ FMO:8-7135CH~ CLE:CB-527HD~	C 806U/ND C 806L/ND	8 Pairs		2.3740/ 2.3750 60.300/ 60.325	2.5000/ 2.5005 63.500/ 63.513	0.8620 21.89	0.0622 1.580
CR 806XPND w/ dowel hole ACL:1B527HD FMO:8-7135CH CLE:CB-527HD	C 806U/ND C 806L/ND	8 Pairs		2.3740/ 2.3750 60.300/ 60.325	2.5000/ 2.5005 63.500/ 63.513	0.8620 21.89	0.0622 1.580
MB5116HPSTD001/010 CLE:MS-1795M~ FMO:119M~	M5116U M5116L	4 Pairs		2.7495/ 2.7505 69.837/ 69.863	2.9425/ 2.9430 74.740/ 74.752	0.8990 22.83	0.0958 2.433
	F5116U F5116L	1 Pair		2.7495/ 2.7505 69.837/ 69.863	2.9425/ 2.9430 74.740/ 74.752	1.2180 30.94	0.0958 2.433
MB5116XPSTD001/010 CLE:MS-1795M FMO:119M	M5116U/PR M5116L/PR	4 Pairs		2.7495/ 2.7505 69.837/ 69.863	2.9425/ 2.9430 74.740/ 74.752	0.9490 24.10	0.0959 2.436
	F5116U/PR F5116L/PR	1 Pair		2.7495/ 2.7505 69.837/ 69.863	2.9425/ 2.9430 74.740/ 74.752	1.2240 31.09	0.0959 2.436

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Engine-Code	Years	Cyl	CC	Line
XV8 L4 58CI /1.0Liter,	10/1984-	4	954	3
CDY/CDZ (TU9M) L4 58CI	01/1987-	4	954	1
TU9 L4 58CI /1.0Liter,	70/1987-	4	954	4
109/5 L4 69CI /1.1Liter,	11/1976-	4	1124	3
H1A/B L4 69CI /1.1Liter,	07/1986-	4	1124	4
HDZ (TU1M) L4 69CI /1.1Liter,	04/1986-	4	1124	4
HFX (TU1JP) L4 69CI /1.1Liter, 8	04/1996-	4	1124	4
E1A L4 69CI /1.2Liter, OHV, 8	10/1984-	4	1124	2
129/5 L4 74CI /1.2Liter,	09/1978-	4	1219	4
M4A L4 79CI /1.3Liter,	07/1986-	4	1294	4
G1A L4 79CI /1.3Liter,	02/1983-	4	1294	2
150D L4 83CI /1.4Liter,	02/1983-	4	1360	3
K1F/G L4 83CI /1.4Liter,	10/1982-	4	1360	4
K1H (TU3A) L4 83CI /1.4Liter,	10/1982-	4	1360	4
K2A/B 83CI /1.4Liter,	07/1986-	4	1360	4
KAY (TU3CP) L4 83CI /1.4Liter,	04/1986-	4	1360	4
KDY (TU3FM) L4 83CI /1.4Liter,	10/1984-	4	1360	4
KFX (TU3JP) L4 83CI /1.4Liter,	01/1987-	4	1360	4
K9A/K9Y (TUD3/TUD3Y) L4 83CI	07/1986-	4	1360	5
KFZ (TU3FJ2) L4 83CI /1.4Liter,	07/1986-	4	1360	14
NFX (TU5JP4) L4 83CI /1.4Liter,	02/1996-	4	1360	14

Engine-Code	Years	Cyl	CC	Line
KFV (TU3JP) L4 83CI /1.4Liter,	04/2005-	4	1360	6
KFY (TU3FJ2) L4 83CI /1.4Liter,	07/1986-	4	1360	7
150B/C/F L4 83CI /1.4Liter,	10/1982-	4	1360	8
KFW (TU3JP) L4 83CI /1.4Liter,	08/1993-	4	1360	8
150A L4 83CI /1.4Liter,	10/1982-	4	1360	9
KFX (TU3JP) L4 83CI /1.4Liter,	01/1987-	4	1360	9
TU 3 JP L4 83CI /1.4Liter,	08/1998-	4	1360	9
KFU (ET3J4) L4 83CI /1.4Liter,	08/1998-	4	1361	10
8HS (DV4TD) 85CI, 1.4LTR,	08/1998-	4	1398	11
DV6ATED4 95CI, 1.6LTR,	04/1996-	4	1560	12
DV6B 95CI, 1.6LTR, DOHC, 16	-	4	1560	12
DV6TED4 95CI, 1.6LTR, DOHC,	07/1996-	4	1560	12
180A L4 96CI /1.6Liter,	02/1983-	4	1580	13
B1E L4 96CI /1.6Liter,	02/1983-	4	1580	13
BAY L4 96CI /1.6Liter,	10/1982-	4	1580	13
BDY L4 96CI /1.6Liter,	10/1982-	4	1580	13
BFZ L4 96CI /1.6Liter,	08/1992-	4	1580	13
NFU (TU5JP4) L4 97CI /1.6Liter,	04/1996-	4	1587	14
NFZ (TU5JP) L4 97CI /1.6Liter,	08/1991-	4	1587	14
A8A (XUD7TE) 108CI, 1.8LTR,	10/1982-	4	1769	15
169 (XM7T) 110CI, 1.8LTR,	07/1981-	4	1796	18

Engine-Code	Years	Cyl	CC	Line
DHY (XUD9TE/Y) 116CI, 1.9LTR,	03/1991-	4	1905	15
DDZ L4 116CI /1.9Liter,	10/1985-	4	1905	16
DFW L4 116CI /1.9Liter, DOHC,	10/1982-	4	1905	16
DFZ L4 116CI /1.9Liter,	10/1982-	4	1905	16
XD4x88 L4 Peugeot 119CI	08/1968-	4	1948	17
XDP88 L4 Peugeot 119CI	08/1968-	4	1948	17
170C (XN1T) 120CI, 2.0LTR,	07/1981-	4	1971	18
829/J6R Renault 122CI /2.0Liter,	09/1974-	4	1995	19
RDZ (XU10MZ) 122CI, 2.0LTR,	05/1989-	4	1998	20
RFS (XU10J4RS) 122CI, 2.0LTR,	06/1989-	4	1998	20
RFX (XU10J2C) 122CI, 2.0LTR,	03/1991-	4	1998	20
RGX (XU10J2TE) 122CI, 2.0LTR,	05/1989-	4	1998	20

Engine-Code	Years	Cyl	CC	Line
P8A (XUD11ATE) 127CI,	05/1989-	4	2088	21
P8C (XUD11BTE) 127CI,	06/1989-	4	2088	21
P9A (XUD11A) 130CI, 2.1LTR,	06/1989-	4	2138	21
J6T A500 L4 132CI /2.2Liter,	09/1974-	4	2165	22
M22-617 L4 133CI /2.2Liter, 8	09/1974-	4	2175	23
M22-617 133CI, 2.2LTR, OHV, 8	09/1974-	4	2175	26
M22-621 133CI, 2.2LTR, OHV, 8	09/1974-	4	2175	26
M23-622/623/639 L4 143CI	09/1974-	4	2347	23
M25-669 153CI, 2.5LTR, 8	07/1985-	4	2500	24
CRD93L (U25-661) 153CI,	01/1982-	4	2500	25
M25-629 153CI, 2.5LTR,	11/1973-	4	2500	26

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Model	Engine	Years	Cyl	CC	Line
171 A, B, C, D	BAY L4 96CI		4	1580	13
306	RDZ (XU10MZ)		4	1998	20
309 GR, GL Profil X	G1A L4 79CI	1988-	4	1294	2
405	RDZ (XU10MZ)		4	1998	20
406	RDZ (XU10MZ)		4	1998	20
605	RDZ (XU10MZ)		4	1998	20
806	RDZ (XU10MZ)		4	1998	20
AX 10 E, RE, ZA, ZH	CDY/CDZ (TU9M)	1987-	4	954	1
AX 11, RE, TRE, ZA,	H1A/B L4 69CI	1986-	4	1124	4
AX 11, RE, TRE, ZA,	HDZ (TU1M) L4	1986-	4	1124	4
AX 11, RE, TRE, ZA,	HFX (TU1JP) L4	1986-	4	1124	4
AX GT	K1F/G L4 83CI	1987-	4	1360	4
AX GT	K1H (TU3A) L4	1987-	4	1360	4
AX Sport I, II - 1300	KFX (TU3JP) L4		4	1360	4
AX11 TE, TRS Tonic	H1A/B L4 69CI	1986-	4	1124	4
AX11 TE, TRS Tonic	HDZ (TU1M) L4	1986-	4	1124	4
AX11 TE, TRS Tonic	HFX (TU1JP) L4	1986-	4	1124	4
AX14 TRS, TZS	K1F/G L4 83CI	1987-	4	1360	4
AX14 TRS, TZS	K1H (TU3A) L4	1987-	4	1360	4
Ambiance	RDZ (XU10MZ)		4	1998	20
BOXER	RDZ (XU10MZ)		4	1998	20
BX 14, 14E, 14RE	150D L4 83CI	1982-	4	1360	3
BX 15 RE, B1A	BAY L4 96CI	1987-	4	1580	13
BX 16 RS Break	BAY L4 96CI	1987-	4	1580	13
BX 16 TRi	180A L4 96CI	1982-	4	1580	13
BX 16 TRi	BFZ L4 96CI	1982-	4	1580	13
BX 16 TRi	BDY L4 96CI	1982-	4	1580	13
BX 16 TRi	B1E L4 96CI	1982-	4	1580	13
BX 19 TRS/Break	DFW L4 116CI	1986-	4	1905	16
BX 19 TRS/Break	DFZ L4 116CI	1986-	4	1905	16
BX 19 TRS/Break	DDZ L4 116CI	1986-	4	1905	16
BX Break Evasion	A8A (XUD7TE)		4	1769	15
BX Break Evasion	BAY L4 96CI		4	1580	13
BX Leader S	BAY L4 96CI		4	1580	13
BX Leader, BX 14E	150D L4 83CI	1987-	4	1360	3
BX RD, TRD Turbo	A8A (XUD7TE)		4	1769	15
BX SPORT	DFW L4 116CI	1986-	4	1905	16
BX SPORT	DFZ L4 116CI	1986-	4	1905	16
BX SPORT	DDZ L4 116CI	1986-	4	1905	16
BX14 TE, GTE, Evasion	K1F/G L4 83CI	1987-	4	1360	4
BX14 TE, GTE, Evasion	K1H (TU3A) L4	1987-	4	1360	4
BX16 RS, Break,	BAY L4 96CI	1984-	4	1580	13
BX16 S, RS, TRS	BAY L4 96CI	1983-	4	1580	13
BX19GT, TRS, TZS	DFW L4 116CI	1984-	4	1905	16
BX19GT, TRS, TZS	DFZ L4 116CI	1984-	4	1905	16
BX19GT, TRS, TZS	DDZ L4 116CI	1984-	4	1905	16

Model	Engine	Years	Cyl	CC	Line
Berlingo 1.6 Hdi 16V	DV6TED4 95CI,	2005-	4	1560	12
Break	DFW L4 116CI		4	1905	16
Break	DFZ L4 116CI		4	1905	16
Break	DDZ L4 116CI		4	1905	16
C 15	XV8 L4 58CI	1987-	4	954	3
C 15 E	E1A L4 69CI		4	1124	2
C 15 E, C 15 Visa	109/5 L4 69CI	1986-	4	1124	3
C 25	169 (XM7T) 110CI,	1981-	4	1796	18
C 25	170C (XN1T)	1981-	4	1971	18
C 25 1300	170C (XN1T)	1983-	4	1971	18
C 25 4x4 Turbo Diesel	CRD93L (U25-661)	1987-	4	2500	25
C 25 Diesel Turbo	CRD93L (U25-661)	1987-	4	2500	25
C 25 E	169 (XM7T) 110CI,	1983-	4	1796	18
C15	H1A/B L4 69CI	1986-	4	1124	4
C15	HDZ (TU1M) L4	1986-	4	1124	4
C15	HFX (TU1JP) L4	1986-	4	1124	4
C15 E Fourgonete	G1A L4 79CI	1988-	4	1294	2
C25	CRD93L (U25-661)	1983-87	4	2500	25
C25 Prestige Automatic	M25-669 153CI,		4	2500	24
C3	8HS (DV4TD)		4	1398	11
C3 1.4i 16V	KFU (ET3J4) L4	10.2003-	4	1361	10
C3 1.6 Hdi 16V	DV6ATED4 95CI,	2005-	4	1560	12
C35D, LD, RD	M25-629 153CI,	1979-	4	2500	26
C4 1.6 Hdi 16V	DV6TED4 95CI,	2005-	4	1560	12
CRD 93 Ls	CRD93L (U25-661)	1983-87	4	2500	25
CX 20	829/J6R Renault	1983-	4	1995	19
CX 20 RE Break	829/J6R Renault	1986-	4	1995	19
CX 20 Reflex Braek	829/J6R Renault	1981-	4	1995	19
CX 22 TRS	J6T A500 L4 132CI		4	2165	22
CX 2400 GTi, Pallas	M23-622/623/639	1977-85	4	2347	23
CX 25 Limousine Turbo	CRD93L (U25-661)	1983-87	4	2500	25
CX 25 Pallas IE	M25-669 153CI,	1984-	4	2500	24
CX 25 Prestige Injection	M25-669 153CI,	1984-	4	2500	24
CX 25 RD Turbo Diesel	CRD93L (U25-661)	1984-	4	2500	25
CX 25 TRD Turbo	CRD93L (U25-661)		4	2500	25
CX 25 TRD Turbo Break	CRD93L (U25-661)	1987-	4	2500	25
CX 25 Turbo Diesel	CRD93L (U25-661)	1984-	4	2500	25
CX IE Familiale, Break	M23-622/623/639	1983-	4	2347	23
CX Prestige IE	M23-622/623/639	1978-	4	2347	23
CX20 RE	829/J6R Renault	1986-	4	1995	19
CX20 RE Break	829/J6R Renault	1986-	4	1995	19
CX20 Safari, Familiale	829/J6R Renault	1985-87	4	1995	19
CX20 TRE	829/J6R Renault	1983-	4	1995	19
CX20, Pallas, Safri	829/J6R Renault	1982-85	4	1995	19
CX2000 Athena	829/J6R Renault	1980-	4	1995	19
CX2000 Reflex Safari,	829/J6R Renault	1981-82	4	1995	19

Model	Engine	Years	Cyl	CC	Line
CX2200	M22-617 L4 133CI	1975-76	4	2175	23
CX2400 Super, Pallas	M23-622/623/639	1976-81	4	2347	23
CX25 GTi, Ri	M25-669 153CI,		4	2500	24
CX25, TRi, Break	M25-669 153CI,	1986-	4	2500	24
Enterprise CIA	CDY/CDZ (TU9M)	1987-	4	954	1
Evasion	DFW L4 116CI		4	1905	16
Evasion	DFZ L4 116CI		4	1905	16
Evasion	DDZ L4 116CI		4	1905	16
Harmonie	RDZ (XU10MZ)		4	1998	20
M4A	KFX (TU3JP) L4		4	1360	4
MA Series NB, ND, NC,	CRD93L (U25-661)	1983-87	4	2500	25
R6A, RDZ, RFZ	RDZ (XU10MZ)		4	1998	20
Saxo S	NFZ (TU5JP) L4		4	1587	14
Saxo SX,VSX,VTL,VTR	NFU (TU5JP4) L4	02/1996 -	4	1587	14
Turbo Break	CRD93L (U25-661)	1983-87	4	2500	25
Utilitaire	169 (XM7T) 110CI,	1981-	4	1796	18
Utilitaire	170C (XN1T)	1981-	4	1971	18

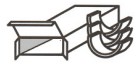
Model	Engine	Years	Cyl	CC	Line
Utilitaires HW1600	XDP88 L4 Peugeot	1968-	4	1948	17
Utilitaires HW1600	XD4x88 L4	1968-	4	1948	17
Visa 10 E, C15 E	XV8 L4 58CI	1985-87	4	954	3
Visa GT, Visa	150D L4 83CI	1985-	4	1360	3
Visa GTi	180A L4 96CI	1984-88	4	1580	13
Visa GTi	BFZ L4 96CI	1984-88	4	1580	13
Visa GTi	BDY L4 96CI	1984-88	4	1580	13
Visa GTi	B1E L4 96CI	1984-88	4	1580	13
XB Series XA	150D L4 83CI	1982-	4	1360	3
XM 2.0L	RDZ (XU10MZ)		4	1998	20
Xara Picasso 1.6 Hdi	DV6TED4 95CI,	05/04-	4	1560	12
Xara Picasso 1.6 Hdi	DV6ATED4 95CI,	2005-	4	1560	12
Xsara X,X	NFU (TU5JP4) L4	07/1997 -	4	1587	14
ZA, ZL	KFX (TU3JP) L4		4	1360	4
ZX	NFU (TU5JP4) L4	09/1996 -	4	1587	14

CITROEN				CITROEN			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	CDY/CDZ (TU9M) L4 58CI /1.0Liter, SOHC/OHC, 8 Valves, Gasoline	01/1987- 09/1998	954 cc	70.00 X 62.00	4 cyl	AX 10 E, RE, ZA, ZH, Enterprise CIA	1
CR4128AM STD/.3/.5/.8/1.0 <i>8 half bearing shells with one 4mm hole from 7/1989.</i> <i>8 plain halves</i> CLE:CB-1333AL (4) GLA:B4705SA GLY:01-4123/4 VAN:VPR92150A	C4128	4 Pairs		1.4957/ 1.4964 37.991/ 38.009	1.6192/ 1.6198 41.128/ 41.143	0.6319 16.05	0.0610 1.549
CR4516SI STD/.3/.5/.8/1.0 GLY:4-4650RA K.S:77 735 600 OEM:0606 P8	C4516U C4493	4 Pairs		1.7707/ 1.7713 44.976/ 44.991	1.9155/ 1.9162 48.654/ 48.671	0.7795 19.80	0.0717 1.821
MB5569AM STD/.3/.5/.8/1.0 <i>4 grooved halves with one 5mm hole at 32 degrees from the centre line (or crown)</i> <i>6 halves with one 5mm hole at 42 degrees and one 5mm hole at 32 degrees from the centre line (or crown)</i> CLE:MS-1612AL FMO:7023M GLA:M5477SA GLY:H1071/5 K.S:77 127 608 VAN:VPM95133A	M5569U M5569L	2 Pairs 3 Pairs	2-4 1-3-5	1.9671/ 1.9678 49.964/ 49.982 1.9671/ 1.9678 49.964/ 49.982	2.1124/ 2.1131 53.655/ 53.673 2.1124/ 2.1131 53.655/ 53.673	0.6807 17.29 0.6807 17.29	0.0722 1.834 0.0722 1.834
TW 132AM CLE:TW- 232S FMO:62047BFA GLA:W2243L GLY:A202/2 K.S:78 853 608 VAN:VPM95091	W 132	1 Pair		2.1752/ 2.1850 55.250/ 55.499	2.8130/ 2.8228 71.450/ 71.699	0.0000 0.00	0.0925 2.350
2	E1A L4 69CI /1.2Liter, OHV, 8 Valves, Diesel	10/1984- 12/2005	1124 cc	72.00 X 69.00	4 cyl	C 15 E	2
	G1A L4 79CI /1.3Liter, SOHC/OHC, 8 Valves, Gasoline	02/1983- 09/1998	1294 cc	76.70 X 70.00	4 cyl	309 GR,GL Profil X, C15 E Fourgonete	
CR4432AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:4B9410 CLE:CB- 833AL (4) FMO:4-61820RA GLA:B4507SA GLY:01-4172/4 VAN:VPR91302A	C4432	4 Pairs		1.6126/ 1.6129 40.960/ 40.968	1.7325/ 1.7328 44.006/ 44.013	0.7570 19.23	0.0594 1.509
MB 537AM STD/.25/.5/.75/1.0/1.25/1.5 <i>2 plain 18.6mm wide half bearing shells. 6 grooved 18.6mm wide half bearing shells with 2 holes. 1 plain 24.6mm wide half bearing shell. 1 grooved 24.6mm wide half bearing shell with 1 hole.</i> ACL:5M9312 CLE:MS- 984AL FMO:4908M GLA:M5278SA GLY:H1031/5 VAN:VPM91355	M 537/1U M 537/1L M 537/1U M 537/3U M 537/3L	2 Pairs 2 Pairs 1 Pair	1-5 2-4 3	2.0459/ 2.0463 51.966/ 51.976 2.0459/ 2.0463 51.966/ 51.976 2.0459/ 2.0463 51.966/ 51.976	2.2000/ 2.2005 55.880/ 55.893 2.2000/ 2.2005 55.880/ 55.893 2.2000/ 2.2005 55.880/ 55.893	0.7350 18.67 0.7350 18.67 0.9720 24.69	0.0758 1.925 0.0758 1.925 0.0758 1.925

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King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
TW 123AM <i>Under Development</i> FMO: 61823BFA GLA: W2195SA GLY: A236/2 VAN: VPW95028	W 123	1 Pair		2.2500/ 2.2600 57.150/ 57.404	2.9130/ 2.9230 73.990/ 74.244	0.0000 0.00	0.0920 2.337	
3	XV8 L4 58CI /1.0Liter, SOHC/OHC, 8 Valves, Gasoline 109/5 L4 69CI /1.1Liter, SOHC/OHC, 8 Valves, Gasoline 150D L4 83CI /1.4Liter, SOHC/OHC, 8 Valves, Gasoline	10/1984-12/2005 11/1976-03/1991 02/1983-09/1998	954 cc 1124 cc 1360 cc	70.00 X 62.00 72.00 X 69.00 75.00 X 77.00	4 cyl 4 cyl 4 cyl	C 15, Visa 10 E , C15 E C 15 E,C 15 Visa Enterprise BX 14, 14E, 14RE, BX Leader, BX 14E Break, Visa GT, Visa 14TRS,C15E, XB Series XA	3	
CR4493AM STD/.3/.5/.8/1.0/1.25/1.5 <i>8 plain halves</i> CLE: CB- 993AL (4) FMO: 4-62045RA GLA: B4558SA GLY: 01-4173/4 VAN: VPR91850A	C4493	4 Pairs		1.7707/ 1.7713 44.976/ 44.991	1.9155/ 1.9162 48.654/ 48.671	0.7780 19.76	0.0717 1.821	
MB5508AM STD/.3/.5/.8/1.0/1.25/1.5 <i>-1985</i> <i>3 plain half bearing shells + 7 half bearing shells with one5mm hole at 42 degrees from the centre line, and one slot 2.5 wide at the bottom of the groove.</i> CLE: MS-1351AL FMO: 6380M GLA: M5379SA GLY: H996/5 K.S: 77 122 608 VAN: VPM91851A	M5508U M 576L M5508U	3 Pairs 2 Pairs	1-3-5 2-4	1.9670/ 1.9677 49.962/ 49.980 1.9670/ 1.9677 49.962/ 49.980	2.1124/ 2.1131 53.655/ 53.673 2.1124/ 2.1131 53.655/ 53.673	0.6810 17.30 0.6810 17.30	0.0710 1.803 0.0710 1.803	
MB5569AM STD/.3/.5/.8/1.0 <i>1985-</i> <i>4 grooved halves with one 5mm hole at 42 degrees from the centre line (or crown)</i> <i>6 halves with one 5mm hole at 42 degrees and one 5mm hole at 32 degrees from the centre line (or crown)</i> CLE: MS-1612AL FMO: 7023M GLA: M5477SA GLY: H1071/5 K.S: 77 122 608 VAN: VPM9133A	M5569U M5569L	2 Pairs 3 Pairs	2-4 1-3-5	1.9671/ 1.9678 49.964/ 49.982 1.9671/ 1.9678 49.964/ 49.982	2.1124/ 2.1131 53.655/ 53.673 2.1124/ 2.1131 53.655/ 53.673	0.6807 17.29 0.6807 17.29	0.0722 1.834 0.0722 1.834	
TW 132AM CLE: TW- 232S FMO: 62047BFA GLA: W2243L GLY: A202/2 K.S: 78 853 608 VAN: VPW95091	W 132	1 Pair		2.1752/ 2.1850 55.250/ 55.499	2.8130/ 2.8228 71.450/ 71.699	0.0000 0.00	0.0925 2.350	
4	TU9 L4 58CI /1.0Liter, SOHC/OHC, 8 Valves, Diesel H1A/B L4 69CI /1.1Liter, SOHC/OHC, 8 Valves, Diesel HDZ (TU1M) L4 69CI /1.1Liter, SOHC/OHC, 8 Valves, Diesel HFX (TU1JP) L4 69CI /1.1Liter, 8 Valves, Diesel 129/5 L4 74CI /1.2Liter, SOHC/OHC, 8 Valves, Gasoline M4A L4 79CI /1.3Liter, SOHC/OHC, 8 Valves, Diesel KFX (TU3JP) L4 83CI /1.4Liter, 4SOHC/OHC, 8 Valves, Gasoline K1F/G L4 83CI /1.4Liter, SOHC/OHC, 8 Valves, Gasoline K1H (TU3A) L4 83CI /1.4Liter, SOHC/OHC, 8 Valves, Gasoline K2A/B 83CI /1.4Liter, SOHC/OHC, 8 Valves, Gasoline KAY (TU3CP) L4 83CI /1.4Liter,	70/1987-03/2001 07/1986-12/1998 04/1986-08/2001 04/1996- 09/1978-03/1991 07/1986-12/1998 01/1987-04/2002 10/1982-12/1998 10/1982-12/2005 07/1986-12/1998 04/1986-09/1998	954 cc 1124 cc 1124 cc 1124 cc 1219 cc 1294 cc 1360 cc 1360 cc 1360 cc 1360 cc 1360 cc	70.00 X 62.00 72.00 X 69.00 72.00 X 69.00 72.00 X 69.00 75.00 X 69.00 75.00 X 73.20 75.00 X 77.00 75.00 X 77.00 75.00 X 77.00 75.00 X 77.00 75.00 X 77.00	4 cyl 4 cyl 4 cyl 4 cyl 4 cyl 4 cyl 4 cyl 4 cyl 4 cyl 4 cyl 4 cyl	AX 11, RE, TRE, ZA, ZB,ZA, ZJ, AX11 TE, TRS Tonic, C15 AX 11, RE, TRE, ZA, ZB,ZA, ZJ, AX11 TE, TRS Tonic, C15 AX 11, RE, TRE, ZA, ZB,ZA, ZJ, AX11 TE, TRS Tonic, C15 AX Sport I,II - 1300, M4A, ZA, ZL AX GT, AX14 TRS, TZS, BX14 TE, GTE,Evasion AX GT, AX14 TRS, TZS, BX14 TE, GTE,Evasion	4	

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King Set No.



Part No.



Qty.



Position



Crankshaft Diameter



Housing Diameter











Length








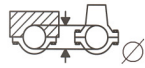


Wall Thickness






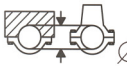


SOHC/OHC, 8 Valves, Gasoline		10/1984-12/2005		1360 cc	75.00 X 77.00	4 cyl		
CR4493AM STD/.3/.5/.8/1.0/1.25/1.5	C4493	4 Pairs		1.7707/ 1.7713 44.976/ 44.991	1.9155/ 1.9162 48.654/ 48.671	0.7780 19.76	0.0717 1.821	
8 plain halves CLE:CB- 993AL (4) FMO:4-62045RA GLA:B4558SA GLY:01-4173/4 VAN:VPR91850A								
MB5569AM STD/.3/.5/.8/1.0 <i>4 grooves halves with one 5mm hole at 42 degrees and one 5mm hole at 32 degrees from the centre line (or crown)</i> <i>6 halves with one 5mm hole at 42 degrees and one 5mm hole at 32 degrees from the centre line (or crown)</i>	M5569U	2 Pairs	2-4	1.9671/ 1.9678 49.964/ 49.982	2.1124/ 2.1131 53.655/ 53.673	0.6807 17.29	0.0722 1.834	
	M5569L	3 Pairs	1-3-5	1.9671/ 1.9678 49.964/ 49.982	2.1124/ 2.1131 53.655/ 53.673	0.6807 17.29	0.0722 1.834	
CLE:MS-1612AL FMO:7023M GLA:M5477SA GLY:H1071/5 K.S:77 127 608 VAN:VPM95133A								
TW 132AM	W 132	1 Pair		2.1752/ 2.1850 55.250/ 55.499	2.8130/ 2.8228 71.450/ 71.699	0.0000 0.00	0.0925 2.350	
CLE:TW- 232S FMO:62047BFA GLA:W2243L GLY:A202/2 K.S:78 853 608 VAN:VPW95091								
5	K9A/K9Y (TUD3/TUD3Y) L4 83CI /1.4Liter, SOHC/OHC, 8 Valves, Diesel	07/1986-12/1998		1360 cc	75.00 X 77.00	4 cyl	5	
CR4198AM STD/.3/.5/.8/1.0 <i>SUPERSEDED BY CR4198AM</i>	C4198	4 Pairs		1.7707/ 1.7713 44.976/ 44.991	1.9155/ 1.9162 48.654/ 48.671	0.7780 19.76	0.0717 1.821	
CLE:CB-1546AL (4) GLA:B4724SA GLY:01-4165/4 VAN:VPR92570A								
MB5569AM STD/.3/.5/.8/1.0 <i>4 grooved halves with one 5mm hole at 42 degrees and one 5mm hole at 32 degrees from the centre line (or crown)</i> <i>6 halves with one 5mm hole at 42 degrees and one 5mm hole at 32 degrees from the centre line (or crown)</i>	M5569U	2 Pairs	2-4	1.9671/ 1.9678 49.964/ 49.982	2.1124/ 2.1131 53.655/ 53.673	0.6807 17.29	0.0722 1.834	
	M5569L	3 Pairs	1-3-5	1.9671/ 1.9678 49.964/ 49.982	2.1124/ 2.1131 53.655/ 53.673	0.6807 17.29	0.0722 1.834	
CLE:MS-1612AL FMO:7023M GLA:M5477SA GLY:H1071/5 K.S:77 127 608 VAN:VPM95133A								
TW 132AM	W 132	1 Pair		2.1752/ 2.1850 55.250/ 55.499	2.8130/ 2.8228 71.450/ 71.699	0.0000 0.00	0.0925 2.350	
CLE:TW- 232S FMO:62047BFA GLA:W2243L GLY:A202/2 K.S:78 853 608 VAN:VPW95091								
6	KFV (TU3JP) L4 83CI /1.4Liter, SOHC/OHC, 8 Valves, Gasoline	04/2005-		1360 cc	75.00 X 74.00	4 cyl	6	
CR4516SI STD/.3/.5/.8/1.0	C4516U C4493	4 Pairs		1.7707/ 1.7713 44.976/ 44.991	1.9155/ 1.9162 48.654/ 48.671	0.7795 19.80	0.0717 1.821	
GLY:4-4650RA K.S:77 735 600 OEM:0606 P8								
MB5508AM STD/.3/.5/.8/1.0/1.25/1.5 <i>plain half bearing shells + 7 half bearing shells with one 5mm hole at 42 degrees from the centre line, and one slot 2.5 wide at the bottom of the groove.</i>	M5508U M 576L	3 Pairs	1-3-5	1.9670/ 1.9677 49.962/ 49.980	2.1124/ 2.1131 53.655/ 53.673	0.6810 17.30	0.0710 1.803	
	M5508U	2 Pairs	2-4	1.9670/ 1.9677 49.962/ 49.980	2.1124/ 2.1131 53.655/ 53.673	0.6810 17.30	0.0710 1.803	
CLE:MS-1351AL FMO:6380M GLA:M5379SA GLY:H996/5 K.S:77 122 608 VAN:VPM91851A								
TW 132AM	W 132	1 Pair		2.1752/ 2.1850 55.250/ 55.499	2.8130/ 2.8228 71.450/ 71.699	0.0000 0.00	0.0925 2.350	
CLE:TW- 232S FMO:62047BFA GLA:W2243L GLY:A202/2 K.S:78 853 608 VAN:VPW95091								
7	KFY (TU3FJ2) L4 83CI /1.4Liter, SOHC/OHC, 8 Valves, Gasoline	07/1986-12/1998		1360 cc	75.00 X 77.00	4 cyl	7	
CR4493AM STD/.3/.5/.8/1.0/1.25/1.5	C4493	4 Pairs		1.7707/ 1.7713 44.976/ 44.991	1.9155/ 1.9162 48.654/ 48.671	0.7780 19.76	0.0717 1.821	
8 plain halves CLE:CB- 993AL (4) FMO:4-62045RA GLA:B4558SA GLY:01-4173/4 VAN:VPR91850A								
MB5262AM <i>For iron cast block</i>	M5262/1	3 Pairs	1,3,5	1.9671/ 1.9679 49.964/ 49.985	2.1146/ 2.1154 53.711/ 53.731	0.6728 17.09	0.0737 1.872	
FMO:7196M GLA:M5627SA								









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King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
GLY:H1087/5 VAN:VPM93024A	M5262/2	2 Pairs	2,4	1.9671/ 1.9679 49.964/ 49.985	2.1146/ 2.1154 53.711/ 53.731	0.6728 17.09	0.0737 1.872	
MB5569AM STD./3./5./8/1.0 <i>For AL block</i> 4 grooved halves with one 5mm hole at 32 degrees from the centre line (or crown) 6 halves with one 5mm hole at 42 degrees and one 5mm hole at 32 degrees from the centre line (or crown) CLE:MS-1612AL FMO:7023M GLA:M5477SA GLY:H1071/5 K.S:77 127 608 VAN:VPM95133A	M5569U	2 Pairs	2-4	1.9671/ 1.9678 49.964/ 49.982	2.1124/ 2.1131 53.655/ 53.673	0.6807 17.29	0.0722 1.834	
	M5569L	3 Pairs	1-3-5	1.9671/ 1.9678 49.964/ 49.982	2.1124/ 2.1131 53.655/ 53.673	0.6807 17.29	0.0722 1.834	
TW 132AM CLE:TW- 232S FMO:62047BFA GLA:W2243L GLY:A202/2 K.S:78 853 608 VAN:VPM95091	W 132	1 Pair		2.1752/ 2.1850 55.250/ 55.499	2.8130/ 2.8228 71.450/ 71.699	0.0000 0.00	0.0925 2.350	
8	150B/C/F L4 83CI /1.4Liter, SOHC/OHC, 8 Valves, Gasoline	10/1982- 12/1994	1360 cc	75.00 X 77.00	4 cyl		8	
	KFW (TU3JP) L4 83CI /1.4Liter, SOHC/OHC, 8 Valves, Gasoline	08/1993- 04/2002	1360 cc	75.00 X 77.00	4 cyl			
CR4493AM STD./3./5./8/1.0/1.25/1.5 <i>8 plain halves</i> CLE:CB- 993AL (4) FMO:4-62045RA GLA:B4558SA GLY:01-4173/4 VAN:VPR91850A	C4493	4 Pairs		1.7707/ 1.7713 44.976/ 44.991	1.9155/ 1.9162 48.654/ 48.671	0.7780 19.76	0.0717 1.821	
MB5508AM STD./3./5./8/1.0/1.25/1.5 <i>3 plain half bearing shells + 7 half bearing shells with one 5mm hole at 42 degrees from the centre line, and one slot 2.5 wide at the bottom of the groove.</i> CLE:MS-1351AL FMO:6380M GLA:M5379SA GLY:H996/5 K.S:77 122 608 VAN:VPM91851A	M5508U M 576L	3 Pairs	1-3-5	1.9670/ 1.9677 49.962/ 49.980	2.1124/ 2.1131 53.655/ 53.673	0.6810 17.30	0.0710 1.803	
	M5508U	2 Pairs	2-4	1.9670/ 1.9677 49.962/ 49.980	2.1124/ 2.1131 53.655/ 53.673	0.6810 17.30	0.0710 1.803	
TW 132AM CLE:TW- 232S FMO:62047BFA GLA:W2243L GLY:A202/2 K.S:78 853 608 VAN:VPM95091	W 132	1 Pair		2.1752/ 2.1850 55.250/ 55.499	2.8130/ 2.8228 71.450/ 71.699	0.0000 0.00	0.0925 2.350	
9	TU 3 JP L4 83CI /1.4Liter, SOHC/OHC, 8 Valves, Gasoline	08/1998-	1360 cc	75.00 X 77.00	4 cyl		9	
	KFX (TU3JP) L4 83CI /1.4Liter, SOHC/OHC, 8 Valves, Gasoline	01/1987- 04/2002	1360 cc	75.00 X 77.00	4 cyl			
	150A L4 83CI /1.4Liter, SOHC/OHC, 8 Valves, Gasoline	10/1982- 06/1994	1360 cc	75.00 X 77.00	4 cyl			
CR4493AM STD./3./5./8/1.0/1.25/1.5 <i>8 plain halves</i> CLE:CB- 993AL (4) FMO:4-62045RA GLA:B4558SA GLY:01-4173/4 VAN:VPR91850A	C4493	4 Pairs		1.7707/ 1.7713 44.976/ 44.991	1.9155/ 1.9162 48.654/ 48.671	0.7780 19.76	0.0717 1.821	
CR4516SI STD./3./5./8/1.0 GLY:4-4650RA K.S:77 735 600 OEM:0606 P8	C4516U C4493	4 Pairs		1.7707/ 1.7713 44.976/ 44.991	1.9155/ 1.9162 48.654/ 48.671	0.7795 19.80	0.0717 1.821	
MB5508AM STD./3./5./8/1.0/1.25/1.5 <i>3 plain half bearing shells + 7 half bearing shells with one 5mm hole at 42 degrees from the centre line, and one slot 2.5 wide at the bottom of the groove.</i> CLE:MS-1351AL FMO:6380M GLA:M5379SA GLY:H996/5 K.S:77 122 608 VAN:VPM91851A	M5508U M 576L	3 Pairs	1-3-5	1.9670/ 1.9677 49.962/ 49.980	2.1124/ 2.1131 53.655/ 53.673	0.6810 17.30	0.0710 1.803	
	M5508U	2 Pairs	2-4	1.9670/ 1.9677 49.962/ 49.980	2.1124/ 2.1131 53.655/ 53.673	0.6810 17.30	0.0710 1.803	
MB5569AM STD./3./5./8/1.0 <i>4 grooved halves with one 5mm hole at 32 degrees from the centre line (or crown)</i> <i>6 halves with one 5mm hole at 42 degrees and one 5mm hole at 32 degrees from the centre line (or crown)</i> CLE:MS-1612AL FMO:7023M GLA:M5477SA GLY:H1071/5 K.S:77 127 608 VAN:VPM95133A	M5569U	2 Pairs	2-4	1.9671/ 1.9678 49.964/ 49.982	2.1124/ 2.1131 53.655/ 53.673	0.6807 17.29	0.0722 1.834	
	M5569L	3 Pairs	1-3-5	1.9671/ 1.9678 49.964/ 49.982	2.1124/ 2.1131 53.655/ 53.673	0.6807 17.29	0.0722 1.834	
TW 132AM	W 132	1 Pair		2.1752/ 2.1850 55.250/ 55.499	2.8130/ 2.8228 71.450/ 71.699	0.0000 0.00	0.0925 2.350	

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King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
CLE:TW- 232S GLA:W2243L K.S:78 853 608	FMO:62047BFA GLY:A202/2 VAN:VPW95091						
10	KFU (ET3J4) L4 83CI /1.4Liter, DOHC, 16 Valves, Gasoline	08/1998-	1361 cc	75.00 X 77.00	4 cyl	C3 1.4i 16V	10
CR4516SI STD./3./5./8/1.0 GLY:4-4650RA OEM:0606 P8	C4516U C4493	4 Pairs		1.7707/ 1.7713 44.976/ 44.991	1.9155/ 1.9162 48.654/ 48.671	0.7795 19.80	0.0717 1.821
MB5569AM STD./3./5./8/1.0 CLE:MS-1612AL GLA:M5477SA K.S:77 127 608	M5569U M5569L	2 Pairs 3 Pairs	2-4 1-3-5	1.9671/ 1.9678 49.964/ 49.982 1.9671/ 1.9678 49.964/ 49.982	2.1124/ 2.1131 53.655/ 53.673 2.1124/ 2.1131 53.655/ 53.673	0.6807 17.29 0.6807 17.29	0.0722 1.834 0.0722 1.834
TW 132AM CLE:TW- 232S GLA:W2243L K.S:78 853 608	FMO:62047BFA GLY:A202/2 VAN:VPW95091	W 132	1 Pair	2.1752/ 2.1850 55.250/ 55.499	2.8130/ 2.8228 71.450/ 71.699	0.0000 0.00	0.0925 2.350
11	8HS (DV4TD) 85CI, 1.4LTR, SOHC/OHC, 8 Valves, L, Diesel (DI), aspiration: TC,	08/1998-	1398 cc	73.70 X 82.00	4 cyl	C3	11
CR4353XA STD./3./5./8/1.0/1.25/1.5 GLY:71-3986/4	C4353U C4353L	4 Pairs		0.0000/ 0.0000 0.000/ 0.000	1.9168/ 1.9174 48.687/ 48.702	0.6670 16.94	0.0710 1.803
MB5399SI STD./3./5./8/1.0 GLY:H046/5 VAN:VPM05047A	M5399U M5399L	5 Halves 5 Halves		1.9670/ 1.9678 49.962/ 49.982 1.9670/ 1.9678 49.962/ 49.982	2.1124/ 2.1131 53.655/ 53.673 2.1124/ 2.1131 53.655/ 53.673	0.8040 20.42 0.7840 19.91	0.0710 1.803 0.0720 1.829
TW 179AM GLY:A217/2 VAN:VPW01004A	OEM:2S6Q 6A339AA	W 179	1 Pair	2.1732/ 2.1843 55.199/ 55.481	2.8091/ 2.8228 71.351/ 71.699	0.0000 0.00	0.0960 2.438
12	DV6TED4 95CI, 1.6LTR, DOHC, 16 Valves, L, Diesel (DI), aspiration: TC,	07/1996-	1560 cc	75.00 X 88.30	4 cyl	Berlingo 1.6 Hdi 16V, C4 1.6 Hdi 16V, Xara Picasso 1.6 Hdi 16V	12
	DV6ATED4 95CI, 1.6LTR, DOHC, 16 Valves, L, Diesel (DI), aspiration: TC,	04/1996-	1560 cc	75.00 X 88.30	4 cyl	C3 1.6 Hdi 16V, Xara Picasso 1.6 Hdi 16V	
	DV6B 95CI, 1.6LTR, DOHC, 16 Valves, L, Diesel (DI), aspiration: TC,	-	1560 cc	75.00 X 88.30	4 cyl		
CR4503SX STD./25./31./51./75./8 <i>SUPERSEDED BY CR4503SX</i> GLY:71-4246/4 OEM:3M5Q 6211 AA	C4503	4 Pairs		1.8494/ 1.8500 46.975/ 46.990	1.9943/ 1.9950 50.655/ 50.673	0.6693 17.00	0.0716 1.819
MB5399SI STD./3./5./8/1.0 GLY:H046/5 VAN:VPM05047A	M5399U M5399L	5 Halves 5 Halves		1.9670/ 1.9678 49.962/ 49.982 1.9670/ 1.9678 49.962/ 49.982	2.1124/ 2.1131 53.655/ 53.673 2.1124/ 2.1131 53.655/ 53.673	0.8040 20.42 0.7840 19.91	0.0710 1.803 0.0720 1.829
TW 179AM GLY:A217/2 VAN:VPW01004A	OEM:2S6Q 6A339AA	W 179	1 Pair	2.1732/ 2.1843 55.199/ 55.481	2.8091/ 2.8228 71.351/ 71.699	0.0000 0.00	0.0960 2.438
13	BAY L4 96CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	10/1982- 12/1994	1580 cc	83.00 X 73.00	4 cyl	171 A, B, C, D, BX 15 RE, B1A, BX 16 RS Break, BX Break Evasion, BX Leader S, BX16 RS, Break, Automatic, BX16 S, RS, TRS	13
	180A L4 96CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	02/1983- 09/1998	1580 cc	83.00 X 73.00	4 cyl	BX 16 TRi, Visa GTi	
	BFZ L4 96CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	08/1992- 05/2004	1580 cc	83.00 X 73.00	4 cyl	BX 16 TRi, Visa GTi	
	BDY L4 96CI /1.6Liter, SOHC/OHC,	10/1982-	1580 cc	83.00 X 73.00	4 cyl	BX 16 TRi, Visa GTi	

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King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
8 Valves, Gasoline B1E L4 96Cl /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	02/1998 02/1983-09/1998	1580 cc	83.00 X 73.00	4 cyl	BX 16 TRi, Visa GTi			
CR4001AM STD./3/.5/.8/1.0/1.25/1.5 CLE:CB- 654AL (4) FMO:4-66720RA GLA:B4639 GLY:01-4199/4 VAN:VPR92433	C4001	4 Pairs		1.7707/ 1.7713 44.976/ 44.991	1.9155/ 1.9162 48.654/ 48.671	0.7970 20.24	0.0720 1.829	
MB5182AM STD./3/.5/.8/1.0 1987 - 5 bottom halves with one 4 mm hole at 27 degrees from the centre line (or crown). 5 top halves with one 4 mm hole at 27 degrees from the centre line (or crown), and also oil groove (3.5mm wide). CLE:MS-1649AL FMO:7044M GLA:M5510SA VAN:VPM92255	M5536D M5536E	5 Pairs		2.3618/ 2.3622 59.990/ 60.000	2.5086/ 2.5089 63.718/ 63.726	0.7990 20.29	0.0730 1.854	
TW 246AM STD CLE:TW- 376S FMO:66721BF GLA:W2317L GLY:A214/4 VAN:VPW95227	W 246D W 246E	2 Pairs		2.6398/ 2.6496 67.051/ 67.300	3.2697/ 3.2795 83.050/ 83.299	0.0000 0.00	0.0917 2.329	
14	KFZ (TU3FJ2) L4 83Cl /1.4Liter, 8 Valves, Gasoline	07/1986-12/1998	1360 cc	75.00 X 77.00	4 cyl		14	
	NFX (TU5JP4) L4 83Cl /1.4Liter, DOHC, 16 Valves, Gasoline	02/1996-04/2004	1360 cc	75.00 X 77.00	4 cyl			
	NFU (TU5JP4) L4 97Cl /1.6Liter, DOHC, 16 Valves, Gasoline	04/1996-	1587 cc	78.50 X 82.00	4 cyl	Saxo SX,VSX,VTL,VTR, Xsara X,X Pack,SX,Exclusive, ZX		
	NFZ (TU5JP) L4 97Cl /1.6Liter, SOHC/OHC, 8 Valves, Diesel	08/1991-04/2002	1587 cc	78.50 X 82.00	4 cyl	Saxo S		
CR4493AM STD./3/.5/.8/1.0/1.25/1.5 8 plain halves CLE:CB- 993AL (4) FMO:4-62045RA GLA:B4558SA GLY:01-4173/4 VAN:VPR91850A	C4493	4 Pairs		1.7707/ 1.7713 44.976/ 44.991	1.9155/ 1.9162 48.654/ 48.671	0.7780 19.76	0.0717 1.821	
MB5262AM FMO:7196M GLA:M5627SA GLY:H1087/5 VAN:VPM93024A	M5262/1	3 Pairs	1,3,5	1.9671/ 1.9679 49.964/ 49.985	2.1146/ 2.1154 53.711/ 53.731	0.6728 17.09	0.0737 1.872	
	M5262/2	2 Pairs	2,4	1.9671/ 1.9679 49.964/ 49.985	2.1146/ 2.1154 53.711/ 53.731	0.6728 17.09	0.0737 1.872	
TW 132AM CLE:TW- 232S FMO:62047BFA GLA:W2243L GLY:A202/2 K.S:78 853 608 VAN:VPW95091	W 132	1 Pair		2.1752/ 2.1850 55.250/ 55.499	2.8130/ 2.8228 71.450/ 71.699	0.0000 0.00	0.0925 2.350	
15	A8A (XUD7TE) 108Cl, 1.8LTR, SOHC/OHC, 8 Valves, L, Diesel (IDI), aspiration: TC,	10/1982-12/1994	1769 cc	80.00 X 88.00	4 cyl	BX Break Evasion, BX RD, TRD Turbo	15	
	DHY (XUD9TE/Y) 116Cl, 1.9LTR, SOHC/OHC, 8 Valves, L, Diesel (IDI), aspiration: TC,	03/1991-08/2005	1905 cc	83.00 X 88.00	4 cyl			
CR4217CP STD./3/.5/.8/1.0 GLY:71-3899/4 OEM:0606.Q5	C4217U C4217L	4 Pairs		1.9679/ 1.9685 49.985/ 50.000	2.1140/ 2.1145 53.696/ 53.708	0.7834 19.90	0.0723 1.836	
CR4467CP CLE:CB-1545P (4) GLA:B4720LC GLY:71-3730/4 VAN:VPR92568LC	C4217L	4 Pairs		1.9679/ 1.9685 49.985/ 50.000	2.1140/ 2.1145 53.696/ 53.708	0.7834 19.90	0.0723 1.836	
MB5129AM STD./3/.5/.8/1.0 CLE:MS-1602AL FMO:6610M GLA:M5419SA GLY:H1057/5 K.S:77 098 608 OEM:0113.92 VAN:VPM92001A	M5129U M5129L	5 Pairs		2.3614/ 2.3622 59.980/ 60.000	2.5091/ 2.5098 63.731/ 63.749	0.7630 19.38	0.0720 1.829	
TW 246AM STD CLE:TW- 376S FMO:66721BF GLA:W2317L GLY:A214/4 VAN:VPW95227	W 246D W 246E	2 Pairs		2.6398/ 2.6496 67.051/ 67.300	3.2697/ 3.2795 83.050/ 83.299	0.0000 0.00	0.0917 2.329	
16	DFW L4 116Cl /1.9Liter, DOHC, 16 Valves, Gasoline	10/1982-06/1994	1905 cc	83.00 X 88.00	4 cyl	BX 19 TRS/Break, BX SPORT, BX19GT,TRS,	16	

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King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
DFZ L4 116Cl /1.9Liter, SOHC/OHC, 8 Valves, Gasoline	10/1982-09/1998	1905 cc	83.00 X 88.00	4 cyl	TZS, Break, Evasion BX 19 TRS/Break, BX SPORT, BX19GT,TRS, TZS, Break, Evasion		
DDZ L4 116Cl /1.9Liter, SOHC/OHC, 8 Valves, Gasoline	10/1985-09/1998	1905 cc	83.00 X 88.00	4 cyl	BX 19 TRS/Break, BX SPORT, BX19GT,TRS, TZS, Break, Evasion		
CR4127AM STD/.3/.5/.8 8 plain halves CLE:CB-1330AL (4) FMO:4-1305RA GLA:B4704 GLY:71-3628/4 K.S:77 087 608 VAN:VPR92256A	C4127	4 Pairs		1.9679/ 1.9685 49.985/ 50.000	2.1140/ 2.1145 53.696/ 53.708	0.7972 20.25	0.0720 1.829
MB5182AM STD/.3/.5/.8/1.0 1987 - 5 bottom halves with one 4 mm hole at 27 degrees from the centre line (or crown). 5 top halves with one 4 mm hole at 27 degrees from the centre line (or crown), and also oil groove (3.5mm wide). CLE:MS-1649AL FMO:7044M GLA:M5510SA VAN:VPM92255	M5536D M5536E	5 Pairs		2.3618/ 2.3622 59.990/ 60.000	2.5086/ 2.5089 63.718/ 63.726	0.7990 20.29	0.0730 1.854
TW 246AM STD CLE:TW- 376S FMO:66721BF GLA:W2317L GLY:A214/4 VAN:VPW95227	W 246D W 246E	2 Pairs		2.6398/ 2.6496 67.051/ 67.300	3.2697/ 3.2795 83.050/ 83.299	0.0000 0.00	0.0917 2.329
17 XDP88 L4 Peugeot 119Cl /2.0Liter, CIH, 8 Valves, Diesel	08/1968-03/1980	1948 cc	88.00 X 80.00	4 cyl	Utilitaires HW1600 HY1600 D		17
XD4x88 L4 Peugeot 119Cl /2.0Liter, SOHC/OHC, 8 Valves, Diesel	08/1968-03/1980	1948 cc	88.00 X 80.00	4 cyl	Utilitaires HW1600 HY1600 D		
CR4410AM STD/.3/.5/.8/1.0 ACL:4B2731 CLE:CB- 741AL (4) FMO:4-2870RA GLA:B4433SA GLY:01-4135/4 VAN:VPR882A	C4410	4 Pairs		1.9680/ 1.9685 49.987/ 50.000	2.1140/ 2.1145 53.696/ 53.708	1.1420 29.01	0.0717 1.821
MB 541AM STD/.3/.5/.8/1.0 3 top half bearing shells with 2 holes at 35 degrees from the centre line and a slot 4.2 wide at the bottom of the groove. 2 top half bearing shells with one 6mm hole at 35 degrees from the centre line and a slot 3.2 wide at the bottom of the groove. 5 plain bottom half bearing shells. ACL:5M2734 CLE:MS- 931AL FMO:4668M GLA:M5273SA GLY:H 889/5 VAN:VPM91170A	M 541/1U M 541/1L	3 Pairs	1-3-5	2.1651/ 2.1657 54.994/ 55.009	2.3122/ 2.3130 58.730/ 58.750	1.1810 30.00	0.0722 1.834
	M 541/2U M 541/2L	2 Pairs	2-4	2.1651/ 2.1657 54.994/ 55.009	2.3122/ 2.3130 58.730/ 58.750	0.8660 22.00	0.0722 1.834
18 169 (XM7T) 110Cl, 1.8LTR, OHV, 8 Valves, L, Gasoline (Carburettor), aspiration: N,	07/1981-03/1994	1796 cc	84.00 X 81.00	4 cyl	C 25, C 25 E, Utilitaire		18
170C (XN1T) 120Cl, 2.0LTR, OHV, 8 Valves, L, Gasoline (Carburettor), aspiration: N,	07/1981-03/1994	1971 cc	88.00 X 81.00	4 cyl	C 25, C 25 1300, Utilitaire		
CR 422AM STD/.3/.5/.8/1.0/1.25/1.5 Recommended maximum undersize is 0.30mm ACL:4B7891 CLE:CB- 721AL (4) FMO:4-2865RA GLA:B4373SA GLY:01-4558/4 VAN:VPR847A	C 422	4 Pairs		1.9675/ 1.9681 49.975/ 49.990	2.1124/ 2.1131 53.655/ 53.673	0.9210 23.39	0.0717 1.821
MB 522AM STD/.3/.5/.8/1.0/1.25/1.5 Engines with crankshafts without filter(sealing) plugs. 5 plain half bearing shells + 5 slotted half bearing shells. For new Crankshaft, without decanting plugs; from 11/1981. FMO:6597M GLA:M5417SA GLY:H1241/5 VAN:VPM92434A	M 103/3U M 103/3L	1 Pair	3	2.2509/ 2.2515 57.173/ 57.188	2.4016/ 2.4023 61.001/ 61.018	1.1610 29.49	0.0746 1.895
	M 104/4U M 104/4L	1 Pair	4	2.1102/ 2.2112 53.599/ 56.164	2.3613/ 2.3620 59.977/ 59.995	0.8460 21.49	0.0746 1.895
	M 105/5U M 105/5L	1 Pair	5	2.1616/ 2.1622 54.905/ 54.920	2.3122/ 2.3130 58.730/ 58.750	1.1560 29.36	0.0746 1.895
	M 101/1U M 101/1L	1 Pair	1	2.3384/ 2.3390 59.395/ 59.411	2.4892/ 2.4900 63.226/ 63.246	1.1610 29.49	0.0746 1.895
				2.3050/ 2.3060 58.547/ 58.572	2.4560/ 2.4568 62.382/ 62.403	0.8460 21.49	0.0746 1.895

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 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness	
	M 102/2U M 102/2L	1 Pair	2					
MB 542AM STD/.3/.5/.8/1.0/1.25/1.5 <i>NOTE: check the journal diameter to the rear bearing.</i> ACL: 5M7899 CLE: MS-1208AL FMO: 6354M GLA: M5308SA GLY: H1240/5 VAN: VPM91466A	M 101/1U	1 Pair	1	2.3384/ 2.3390 59.395/ 59.411	2.4892/ 2.4900 63.226/ 63.246	1.1610 29.49	0.0746 1.895	
	M 102/2L	1 Pair	2	2.3050/ 2.3060 58.547/ 58.572	2.4561/ 2.4568 62.385/ 62.403	0.8460 21.49	0.0746 1.895	
	M 103/3U	1 Pair	3	2.2509/ 2.2515 57.173/ 57.188	2.4016/ 2.4023 61.001/ 61.018	1.1610 29.49	0.0746 1.895	
	M 104/4L	1 Pair	4	2.1102/ 2.2112 53.599/ 56.164	2.3613/ 2.3620 59.977/ 59.995	0.8460 21.49	0.0746 1.895	
	M 105/5U	1 Pair	5	2.1616/ 2.1622 54.905/ 54.920	2.3122/ 2.3130 58.730/ 58.750	1.1560 29.36	0.0746 1.895	
TW 212AM STD/010/015/020/.10/.15/.20 CLE: TW- 247S FMO: 61904BF GLA: W2224L GLY: A199/4 VAN: VPM95035	W 212D W 212E	2 Pairs		2.4173/ 2.4272 61.399/ 61.651	2.8563/ 2.8661 72.550/ 72.799	0.0000 0.00	0.0929 2.360	
19	829/J6R Renault 122CI /2.0Liter, 8 Valves, Diesel	09/1974-12/1992	1995 cc	88.00 X 82.00	4 cyl	CX 20, CX 20 RE Break, CX 20 Reflex Braek, CX20 RE, CX20 RE Break, CX20 Safari, Familiale, CX20 TRE, CX20, Pallas, Safri Familiale, CX2000 Athena, CX2000 Reflex Safari,		19
	CR4015AM STD/.25/.5/.75/1.0/1.25 CLE: CB-1166AL (4) FMO: 4-66600RA GLA: B4627SA GLY: 01-4187/4 K.S: 77 092 608 OEM: 7701349156	C4015U C4015L	4 Pairs		2.0578/ 2.0585 52.268/ 52.286	2.2047/ 2.2055 55.999/ 56.020	0.7380 18.75	0.0729 1.852
	MB5544AM STD/.25/.5/.75/1.0/1.25 1980-82 128975- 10 grooved half bearing shells with 3 holes and locating lug on the left. CLE: MS-1541AL FMO: 6575M GLA: M5408SA GLY: H1052/5 K.S: 77 124 608 OEM: 7701348542 VAN: VPM92426	M5544	5 Pairs		2.4753/ 2.4761 62.873/ 62.893	2.6247/ 2.6255 66.667/ 66.688	0.9250 23.50	0.0740 1.880
20	RDZ (XU10MZ) 122CI, 2.0LTR, SOHC/OHC, 8 Valves, L, Gasoline (Carburettor), aspiration: N, RFX (XU10J2C) 122CI, 2.0LTR, SOHC/OHC, 8 Valves, L, Gasoline (Carburettor), aspiration: N, RGX (XU10J2TE) 122CI, 2.0LTR, SOHC/OHC, 8 Valves, L, Gasoline (Carburettor), aspiration: TC, RFS (XU10J4RS) 122CI, 2.0LTR, DOHC, 16 Valves, L, Gasoline (Carburettor), aspiration: N,	05/1989-10/1994 03/1991-04/2003 05/1989-10/2004 06/1989-12/2004	1998 cc 1998 cc 1998 cc 1998 cc	86.00 X 86.00 86.00 X 86.00 86.00 X 86.00 86.00 X 86.00	4 cyl 4 cyl 4 cyl 4 cyl	306, 405, 406, 605, 806, Ambiance, BOXER, Harmonie, R6A, RDZ, RFZ, XM 2.0L		20
	CR4306AM Under Development -08/92 FMO: 4-4150RA GLA: B4723SA GLY: 01-4149/4 VAN: VPR92569A	C4306	4 Pairs		1.9679/ 1.9685 49.985/ 50.000	2.1140/ 2.1145 53.696/ 53.708	0.8642 21.95	0.0722 1.834
	CR4307AM 09/92- FMO: 4-4305RA GLA: B4849NI GLY: 01-4298/4 VAN: VPR93005	C4307	4 Pairs		1.9679/ 1.9685 49.985/ 50.000	2.1140/ 2.1145 53.696/ 53.708	0.7972 20.25	0.0723 1.836
	MB5129AM STD/.3/.5/.8/1.0 CLE: MS-1602AL FMO: 6610M GLA: M5419SA GLY: H1057/5 K.S: 77 098 608 OEM: 0113.92	M5129U M5129L	5 Pairs		2.3614/ 2.3622 59.980/ 60.000	2.5091/ 2.5098 63.731/ 63.749	0.7630 19.38	0.0720 1.829

CITROEN				CITROEN			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
VAN:VPM92001A							
TW 246AM STD CLE:TW- 376S FMO:66721BF GLA:W2317L GLY:A214/4 VAN:VPW95227	W 246D W 246E	2 Pairs		2.6398/ 2.6496 67.051/ 67.300	3.2697/ 3.2795 83.050/ 83.299	0.0000 0.00	0.0917 2.329
21	P8A (XUD11ATE) 127CI, 2.1LTR, SOHC/OHC, 12 Valves, L, Diesel (DI), aspiration: TC,	05/1989- 10/2000	2088 cc	85.00 X 92.00	4 cyl		21
	P8C (XUD11BTE) 127CI, 2.1LTR, SOHC/OHC, 12 Valves, L, Diesel (IDI), aspiration: TC,	06/1989- 10/2004	2088 cc	85.00 X 92.00	4 cyl		
	P9A (XUD11A) 130CI, 2.1LTR, SOHC/OHC, 12 Valves, L, Diesel (IDI), aspiration: TC,	06/1989- 09/1999	2138 cc	86.00 X 92.00	4 cyl		
CR4220AM STD <i>Under Development</i> CLE:CB-1548AL (4) FMO:4-4675RA GLA:B4725SA GLY:71-4279/4 VAN:VPR92571A	C4220*	4 Pairs		1.9679/ 1.9685 49.985/ 50.000	2.1140/ 2.1145 53.696/ 53.708	0.8642 21.95	0.0720 1.829
MB5129AM STD/3/.5/8/1.0 CLE:MS-1602AL FMO:6610M GLA:M5419SA GLY:H1057/5 K.S:77 098 608 OEM:0113.92 VAN:VPM92001A	M5129U M5129L	5 Pairs		2.3614/ 2.3622 59.980/ 60.000	2.5091/ 2.5098 63.731/ 63.749	0.7630 19.38	0.0720 1.829
TW 246AM STD CLE:TW- 376S FMO:66721BF GLA:W2317L GLY:A214/4 VAN:VPW95227	W 246D W 246E	2 Pairs		2.6398/ 2.6496 67.051/ 67.300	3.2697/ 3.2795 83.050/ 83.299	0.0000 0.00	0.0917 2.329
22	J6T A500 L4 132CI /2.2Liter, SOHC/OHC, 8 Valves, Gasoline	09/1974- 12/1992	2165 cc	88.00 X 89.00	4 cyl	CX 22 TRS	22
CR4006AM STD/25/.5/.75/1.0/1.25 <i>4 half bearing shells with oil holes offset at 32 degrees from the centre line. 4 plain half bearing shells.</i> CLE:CB-1311AL (4) FMO:4-66645RAB GLA:B4643SA GLY:01-4191/4 K.S:77 136 608 VAN:VPR91916A	C4006U C4006L	4 Pairs		2.2152/ 2.2160 56.266/ 56.286	2.3624/ 2.3630 60.005/ 60.020	0.8170 20.75	0.0725 1.842
CR4301AM GLA:B4776 GLY:01-4189/4 VAN:VPR92537A	C4006L	4 Pairs		2.2152/ 2.2160 56.266/ 56.286	2.3624/ 2.3630 60.005/ 60.020	0.8170 20.75	0.0725 1.842
MB5081AM <i>Under Development</i> CLE:MS-1604AL GLA:M5418SA GLY:H1058/5 VAN:VPM91932A	M5544 M5081L	5 Pairs	1-5	2.4753/ 2.4761 62.873/ 62.893	2.6247/ 2.6255 66.667/ 66.688	0.9250 23.50	0.0740 1.880
23	M22-617 L4 133CI /2.2Liter, 8 Valves, Diesel	09/1974- 08/1985	2175 cc	90.00 X 85.50	4 cyl	CX2200	23
	M23-622/623/639 L4 143CI /2.4Liter, 8 Valves, Gasoline	09/1974- 08/1985	2347 cc	93.50 X 85.50	4 cyl	CX 2400 GTi, Pallas Prestige., CX IE Familiare, Break, CX Prestige IE, CX2400 Super, Pallas Prestige,	
CR4140AM STD/25/.5/.75/1.0/1.25 <i>4 half bearing shells with slots and one 3mm hole. 4 plain half bearing shells with one 3mm hole at 42 degrees from the centre line, and one 2mm hole at the crown.</i> CLE:CB-1340AL (4) FMO:4-66715CPA GLA:B4641SA GLY:01-4181/4 VAN:VPR91812A	C4140U C4140L	4 Pairs		2.1256/ 2.1262 53.990/ 54.005	2.2707/ 2.2715 57.676/ 57.696	0.8898 22.60	0.0720 1.829
MB5133AM STD/25/.5/.75/1.0 CLE:MS- 911B FMO:6489M GLA:M5239SA GLY:H 887/5 VAN:VPM91652A	M5133	5 Pairs		2.5211/ 2.5217 64.036/ 64.051	2.7045/ 2.7049 68.694/ 68.704	1.1300 28.70	0.0910 2.311
TW 245AM STD FMO:60946BFA GLA:W2159L VAN:VPW95201	W 245D W 245E	2 Pairs		2.8543/ 2.8642 72.499/ 72.751	3.3799/ 3.3898 85.849/ 86.101	0.0000 0.00	0.1236 3.139
24	M25-669 153CI, 2.5LTR, 8 Valves,	07/1985-	2500 cc	93.00 X 92.00	4 cyl	C25 Prestige Automatic, CX	24

CITROEN				CITROEN				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
L, Diesel (IDI), aspiration: TC,		12/1992			25 Pallas IE, CX 25 Prestige Injection, CX25 GTi, Ri, CX25, TRi, Break			
CR4082AM STD/.25/.5/.75/1.0 from 10/86 -> All 8 halves with 2 holes. CLE:CB- 1544P/1339AL (4) GLA:B4719LC/B4464SA GLY:71-4198/4 VAN:VPR92563 /91651	C4140L	4 Pairs		2.1256/ 2.1262 53.990/ 54.005	2.2707/ 2.2715 57.676/ 57.696	0.8898 22.60	0.0720 1.829	
CR4140AM STD/.25/.5/.75/1.0/1.25 4 half bearing shells with slots and one 3mm hole. 4 plain half bearing shells with one 3mm hole at 42 degrees from the centre line, and one 2mm hole at the crown. CLE:CB-1340AL (4) FMO:4-66715CPA GLA:B4641SA GLY:01-4181/4 VAN:VPR91812A	C4140U C4140L	4 Pairs		2.1256/ 2.1262 53.990/ 54.005	2.2707/ 2.2715 57.676/ 57.696	0.8898 22.60	0.0720 1.829	
MB5131AM STD/.25/.5/.75/1.0/1.25 GLA:M5478SA GLY:H1089/5 VAN:VPM92153A	M5131	5 Pairs		2.6392/ 2.6398 67.036/ 67.051	2.8226/ 2.8230 71.694/ 71.704	1.1201 28.45	0.0910 2.311	
TW 244AM STD FMO:66716BF GLA:W2353L GLY:A213/4 VAN:VPW95144	W 244D W 244E	2 Pairs		2.9724/ 2.9823 75.499/ 75.750	3.4980/ 3.5079 88.849/ 89.101	0.0000 0.00	0.1236 3.139	
25	CRD93L (U25-661) 153CI, 2.5LTR, SOHC/OHC, 8 Valves, L, Diesel (IDI),	01/1982- 08/1990	2500 cc	93.00 X 92.00	4 cyl	C 25 4x4 Turbo Diesel, C 25 Diesel Turbo, C25, CRD 93 Ls, CX 25 Limousine Turbo, CX 25 RD Turbo Diesel, CX 25 TRD Turbo, CX 25 TRD Turbo Break, CX 25 Turbo Diesel, MA Series NB, ND, NC, Turbo 1, Turbo Break		25
CR4140AM STD/.25/.5/.75/1.0/1.25 4 half bearing shells with slots and one 3mm hole. 4 plain half bearing shells with one 3mm hole at 42 degrees from the centre line, and one 2mm hole at the crown. CLE:CB-1340AL (4) FMO:4-66715CPA GLA:B4641SA GLY:01-4181/4 VAN:VPR91812A	C4140U C4140L	4 Pairs		2.1256/ 2.1262 53.990/ 54.005	2.2707/ 2.2715 57.676/ 57.696	0.8898 22.60	0.0720 1.829	
MB5133AM STD/.25/.5/.75/1.0 CLE:MS- 911B FMO:6489M GLA:M5239SA GLY:H 887/5 VAN:VPM91652A	M5133	5 Pairs		2.5211/ 2.5217 64.036/ 64.051	2.7045/ 2.7049 68.694/ 68.704	1.1300 28.70	0.0910 2.311	
TW 245AM STD FMO:60946BFA GLA:W2159L VAN:VPW95201	W 245D W 245E	2 Pairs		2.8543/ 2.8642 72.499/ 72.751	3.3799/ 3.3898 85.849/ 86.101	0.0000 0.00	0.1236 3.139	
26	M22-617 133CI, 2.2LTR, OHV, 8 Valves, L, Gasoline (Carburettor), aspiration: N, M22-621 133CI, 2.2LTR, OHV, 8 Valves, L, Diesel (IDI), aspiration: N, M25-629 153CI, 2.5LTR, SOHC/OHC, 8 Valves, L, Diesel (IDI), aspiration: N,	09/1974- 08/1985 09/1974- 01/1 11/1973- 01/1994	2175 cc 2175 cc 2500 cc	90.00 X 85.50 90.00 X 85.50 93.00 X 92.00	4 cyl 4 cyl 4 cyl	C35D,LD,RD		26
CR4140AM STD/.25/.5/.75/1.0/1.25 4 half bearing shells with slots and one 3mm hole. 4 plain half bearing shells with one 3mm hole at 42 degrees from the centre line, and one 2mm hole at the crown. CLE:CB-1340AL (4) FMO:4-66715CPA GLA:B4641SA GLY:01-4181/4 VAN:VPR91812A	C4140U C4140L	4 Pairs		2.1256/ 2.1262 53.990/ 54.005	2.2707/ 2.2715 57.676/ 57.696	0.8898 22.60	0.0720 1.829	
MB5131AM STD/.25/.5/.75/1.0/1.25 GLA:M5478SA GLY:H1089/5 VAN:VPM92153A	M5131	5 Pairs		2.6392/ 2.6398 67.036/ 67.051	2.8226/ 2.8230 71.694/ 71.704	1.1201 28.45	0.0910 2.311	
TW 244AM STD FMO:66716BF GLA:W2353L GLY:A213/4 VAN:VPW95144	W 244D W 244E	2 Pairs		2.9724/ 2.9823 75.499/ 75.750	3.4980/ 3.5079 88.849/ 89.101	0.0000 0.00	0.1236 3.139	

Engine Index: CONTINENTAL

Engine-Code	Years	Cyl	CC	Line
AVDS 1790-2C,2D		12	0	1
120		4	2000	2
129		4	2100	2
Z134		4	2200	3
Z145		4	2380	3

Engine-Code	Years	Cyl	CC	Line
513		6	8400	4
572		6	9365	4
602		6	9860	4

Car Model Index: CONTINENTAL

Model	Engine	Years	Cyl	CC	Line
M 48/A5	AVDS 1790-2C,2D		12		1

Model	Engine	Years	Cyl	CC	Line

CONTINENTAL				CONTINENTAL			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	AVDS 1790-2C,2D Air cooled AVDS1790-2DR -			12 cyl	M 48/A5		1
CR 126CP STD/003/010 <i>Required 12 sets</i>	C 126	1 Pair		3.7546/ 3.7568 95.367/ 95.423	4.0930/ 4.0940 103.962/103.988	1.3200 33.53	0.1700 4.318
MB7031CP <i>Under Development</i>	M7031*	6 Pairs		4.2479/ 4.2494 107.897/107.935	4.7533/ 4.7538 120.734/120.747	1.9740 50.14	0.2490 6.325
	F7031*	1 Pair		4.2479/ 4.2494 107.897/107.935	4.7533/ 4.7538 120.734/120.747	2.4880 63.20	0.2490 6.325
2	120			2000 cc	81.00 X 95.00	4 cyl	2
	129			2100 cc	82.50 X 98.40	4 cyl	
CR4070AM STD/010/020/030/040/050/060 CLE:CB- 362M(4)	C4070	4 Pairs		1.9365/ 1.9375 49.187/ 49.213	2.0615/ 2.0625 52.362/ 52.388	1.0720 27.23	0.0619 1.572
MB3339AM STD/010/020/030/040 FMO: 755M	F3339	1 Pair	1	2.2490/ 2.2500 57.125/ 57.150	2.4365/ 2.4372 61.887/ 61.905	1.3780 35.00	0.0930 2.362
	M3339/2	1 Pair	2	2.2490/ 2.2500 57.125/ 57.150	2.4365/ 2.4372 61.887/ 61.905	1.2810 32.54	0.0930 2.362
	M3340/3U M3340/3L	1 Pair	3	2.2490/ 2.2500 57.125/ 57.150	2.4365/ 2.4372 61.887/ 61.905	1.5470 39.29	0.0930 2.362
3	Z134			2200 cc	84.00 X 98.40	4 cyl	3
	Z145			2380 cc	85.70 X 103.00	4 cyl	
CR4070AM STD/010/020/030/040/050/060 CLE:CB- 362M(4)	C4070	4 Pairs		1.9365/ 1.9375 49.187/ 49.213	2.0615/ 2.0625 52.362/ 52.388	1.0720 27.23	0.0619 1.572
MB3340AM STD/010/020/030/040 CLE:MS- 202P FMO:4015M	M3340/1	1 Pair	1	2.2490/ 2.2500 57.125/ 57.150	2.4365/ 2.4372 61.887/ 61.905	1.2700 32.26	0.0930 2.362
	F3340	1 Pair	2	2.2490/ 2.2500 57.125/ 57.150	2.4365/ 2.4372 61.887/ 61.905	1.4970 38.02	0.0930 2.362

CONTINENTAL				CONTINENTAL			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
	M3340/3U M3340/3L	1 Pair	3	2.2490/ 2.2500 57.125/ 57.150	2.4365/ 2.4372 61.887/ 61.905	1.5560 39.52	0.0930 2.362
4	513	8400 cc	114.30 X 136.50	6 cyl			4
	572	9365 cc	120.00 X 136.50	6 cyl			
	602	9860 cc	124.00 X 136.00	6 cyl			
CR6611CP _{010/020/030} FMO:6-1410CP	C6611	6 Pairs		2.9990/ 3.0000 76.175/ 76.200	3.2012/ 3.2020 81.310/ 81.331	1.7810 45.24	0.1000 2.540
CS 521CP FMO:1120M							
MB 774CP _{010/020/030/040} FMO: 799M	M 774/2U M 774/2L	4 Pairs	2-3-5-6	3.2490/ 3.2500 82.525/ 82.550	3.4992/ 3.5000 88.880/ 88.900	1.6250 41.28	0.1237 3.142
	M 774/4U M 774/4L	1 Pair	4	3.2490/ 3.2500 82.525/ 82.550	3.4992/ 3.5000 88.880/ 88.900	2.5630 65.10	0.1237 3.142
	M 774/7U M 774/7L	1 Pair	7	3.2490/ 3.2500 82.525/ 82.550	3.4992/ 3.5000 88.880/ 88.900	2.6250 66.68	0.1237 3.142
	M 774/1U M 774/1L	1 Pair	1	3.2490/ 3.2500 82.525/ 82.550	3.4992/ 3.5000 88.880/ 88.900	1.5940 40.49	0.1237 3.142

Engine Index: CUMMINS

Engine-Code	Years	Cyl	CC	Line
4-390, 4BT		4	3922	1
4B Series		4	3922	1
4BTA, 4BTAA		4	3922	1
6B Series		6	5883	2
6BT, 6BTA,		6	5883	2
6BTAA, 6-590		6	5883	2
6C Series, 6CT		6	8274	3

Engine-Code	Years	Cyl	CC	Line
6CTA, 6CTAA		6	8274	3
743 Series		6	12174	4
855 Series		6	14016	5
N14 Series		6	14016	6
1710 Series		12	28031	7

Car Model Index: CUMMINS

Model	Engine	Years	Cyl	CC	Line

CUMMINS				CUMMINS			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	4B Series		3922 cc	102.00 X 120.00	4 cyl		1

CUMMINS				CUMMINS			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
4BTA, 4BTAA		3922 cc	102.00 X 120.00	4 cyl			
4-390, 4BT		3922 cc	102.00 X 120.00	4 cyl			
CR1035SI STD/.25/.5/.75/1.0 CLE:CB-1413P(1) OEM:3901170X1	C4165	1 Pair		2.7161/ 2.7170 68.989/ 69.012	2.8735/ 2.8745 72.987/ 73.012	1.2250 31.12	0.0774 1.966
CR1305SI STD/.25/.5/.75 <i>Is used for the "cracked" connecting rod.</i> CLE:CB-1873AP OEM:2996044 VAN:VPR06042 (6 Pairs Required)	C4165 C1305L	1 Pair		2.7161/ 2.7170 68.989/ 69.012	2.8735/ 2.8745 72.987/ 73.012	1.2250 31.12	0.0774 1.966
CR4165SI STD/.25/.5/.75/1.0 CLE:CB-1413P(4) FMO:4-4205CP OEM:3901170X4	C4165	4 Pairs		2.7161/ 2.7170 68.989/ 69.012	2.8735/ 2.8745 72.987/ 73.012	1.2250 31.12	0.0774 1.966
MB5006SI CLE:MS-1718P FMO:7251M OEM:3802010	M5006U M5006L	4 Pairs	1-2-3-5	3.2672/ 3.2682 82.987/ 83.012	3.4639/ 3.4652 87.983/ 88.016	1.1430 29.03	0.0970 2.464
	F5006 M5006L	1 Pair	4	3.2672/ 3.2682 82.987/ 83.012	3.4639/ 3.4652 87.983/ 88.016	1.4700 37.34	0.0970 2.464
2	6B Series	5883 cc	102.00 X 120.00	6 cyl			2
	6BT, 6BTA,	5883 cc	102.00 X 120.00	6 cyl			
	6BTAA, 6-590	5883 cc	102.00 X 120.00	6 cyl			
CR1035SI STD/.25/.5/.75/1.0 CLE:CB-1413P(1) OEM:3901170X1	C4165	1 Pair		2.7161/ 2.7170 68.989/ 69.012	2.8735/ 2.8745 72.987/ 73.012	1.2250 31.12	0.0774 1.966
CR1305SI STD/.25/.5/.75 <i>Used in the "cracked" connecting rod.</i> CLE:CB-1873AP OEM:2996044 VAN:VPR06042 (6 Pairs Required)	C4165 C1305L	1 Pair		2.7161/ 2.7170 68.989/ 69.012	2.8735/ 2.8745 72.987/ 73.012	1.2250 31.12	0.0774 1.966
CR6699SI STD/.25/.5/.75/1.0 CLE:CB-1413P(6) FMO:6-4205CP OEM:3901170X6	C4165	6 Pairs		2.7161/ 2.7170 68.989/ 69.012	2.8735/ 2.8745 72.987/ 73.012	1.2250 31.12	0.0774 1.966
MB7009SI STD CLE:MS-1717P FMO:7216M OEM:3802070	M5006U M5006L	6 Pairs	1-2-3-4- 5-7	3.2672/ 3.2682 82.987/ 83.012	3.4639/ 3.4652 87.983/ 88.016	1.1430 29.03	0.0970 2.464
	F5006 M5006L	1 Pair	6	3.2672/ 3.2682 82.987/ 83.012	3.4639/ 3.4652 87.983/ 88.016	1.4700 37.34	0.0970 2.464
MB7119SI STD/.25/.5/.75 <i>Used in the ISB engine. Contains lower flanged shell.</i>	M5006U M5006L	6 Pairs	1-2-3-4- 5	3.2672/ 3.2682 82.987/ 83.012	3.4639/ 3.4652 87.983/ 88.016	1.1400 28.96	0.0970 2.464
	F5006 F7119L	1 Pair	6	3.2672/ 3.2682 82.987/ 83.012	3.4639/ 3.4652 87.983/ 88.016	1.4700 37.34	0.0970 2.464
3	6C Series, 6CT	8274 cc	114.00 X 135.10	6 cyl			3
	6CTA, 6CTAA	8274 cc	114.00 X 135.10	6 cyl			
CR1285SI STD/.25/.5/.75/1.0 CLE:CB-1409P(1) OEM:3901430x1	C6782	1 Pair		2.9906/ 2.9926 75.961/ 76.012	3.1885/ 3.1895 80.988/ 81.013	1.5010 38.13	0.0972 2.469
CR6782SI STD/.25/.5/.75/1.0 CLE:CB-1409P(6) OEM:3901430x6	C6782	6 Pairs		2.9906/ 2.9926 75.961/ 76.012	3.1885/ 3.1895 80.988/ 81.013	1.5010 38.13	0.0972 2.469
MB7103AM STD/.25 <i>Under Development</i>	M7103U M7103L	6 Pairs	1-3, 5-7	3.8568/ 3.8588 97.963/ 98.014	4.1333/ 4.1344 104.986/105.014	1.3430 34.11	0.1360 3.454
	F7103 M7103L	1 Pair	4	3.8568/ 3.8588 97.963/ 98.014	4.1333/ 4.1344 104.986/105.014	1.6860 42.82	0.1360 3.454
4	743 Series	12174 cc	130.20 X 152.40	6 cyl			4
CR 662SI STD/010/020/030/040/050/060 CLE:CB- 296P(6) FMO:6-1960CP GLA:B6084LC OEM:203670x6	C 662	6 Pairs		3.1240/ 3.1250 79.350/ 79.375	3.2725/ 3.2730 83.122/ 83.134	1.9800 50.29	0.0729 1.852

CUMMINS				CUMMINS				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
CR1286SI STD/010/020/030/040/050/060 CLE:CB- 296P(1) OEM:203670x1	C 662	1 Pair		3.1240/ 3.1250 79.350/ 79.375	3.2725/ 3.2730 83.122/ 83.134	1.9800 50.29	0.0729 1.852	
MB 714CP CLE:MS-1687P FMO:5117M GLA:M7401LC OEM:3019198	M 714/1U M 714/1L	3 Pairs	1-3-5	4.4990/ 4.5000 114.275/114.300	4.7490/ 4.7500 120.625/120.650	2.0000 50.80	0.1237 3.142	
	M 714/2U M 714/2L	3 Pairs	2-4-6	4.4990/ 4.5000 114.275/114.300	4.7490/ 4.7500 120.625/120.650	1.5000 38.10	0.1237 3.142	
	M 714/7U M 714/7L	1 Pair	7	4.4990/ 4.5000 114.275/114.300	4.7490/ 4.7500 120.625/120.650	2.2000 55.88	0.1237 3.142	
5	855 Series		14016 cc	139.70 X 152.40	6 cyl		5	
CR 675SI STD/010/020/030/040/050/060 CLE:CB- 625P(6) FMO:6-1965CP GLA:B6494LC OEM:203660x6	C 675	6 Pairs		3.1240/ 3.1250 79.350/ 79.375	3.2725/ 3.2730 83.122/ 83.134	1.7300 43.94	0.0729 1.852	
CR1283SI STD/010/020/030/040/050/060 <i>Centered Oil Hole</i> CLE:CB- 625P(1) GLY:1965CP OEM:203660x1	C 675	1 Pair		3.1240/ 3.1250 79.350/ 79.375	3.2725/ 3.2730 83.122/ 83.134	1.7300 43.94	0.0729 1.852	
CR1284SI STD/010/020/030/040/050/060 <i>Offset Oil Hole</i> CLE:CB-1226P(1) OEM:214950x1	C6647	1 Pair		3.1240/ 3.1250 79.350/ 79.375	3.3160/ 3.3165 84.226/ 84.239	1.7410 44.22	0.0947 2.405	
CR6647SI STD/010/020/030/040/050/060 <i>Offset Oil Hole</i> CLE:CB-1226P(6) FMO:3725CP OEM:214950x6	C6647	6 Pairs		3.1240/ 3.1250 79.350/ 79.375	3.3160/ 3.3165 84.226/ 84.239	1.7410 44.22	0.0947 2.405	
MB 714CP CLE:MS-1687P FMO:5117M GLA:M7401LC OEM:3019198	M 714/1U M 714/1L	3 Pairs	1-3-5	4.4990/ 4.5000 114.275/114.300	4.7490/ 4.7500 120.625/120.650	2.0000 50.80	0.1237 3.142	
	M 714/2U M 714/2L	3 Pairs	2-4-6	4.4990/ 4.5000 114.275/114.300	4.7490/ 4.7500 120.625/120.650	1.5000 38.10	0.1237 3.142	
	M 714/7U M 714/7L	1 Pair	7	4.4990/ 4.5000 114.275/114.300	4.7490/ 4.7500 120.625/120.650	2.2000 55.88	0.1237 3.142	
6	N14 Series		14016 cc	139.70 X 152.40	6 cyl		6	
MB 714CP CLE:MS-1687P FMO:5117M GLA:M7401LC OEM:3019198	M 714/1U M 714/1L	3 Pairs	1-3-5	4.4990/ 4.5000 114.275/114.300	4.7490/ 4.7500 120.625/120.650	2.0000 50.80	0.1237 3.142	
	M 714/2U M 714/2L	3 Pairs	2-4-6	4.4990/ 4.5000 114.275/114.300	4.7490/ 4.7500 120.625/120.650	1.5000 38.10	0.1237 3.142	
	M 714/7U M 714/7L	1 Pair	7	4.4990/ 4.5000 114.275/114.300	4.7490/ 4.7500 120.625/120.650	2.2000 55.88	0.1237 3.142	
7	1710 Series		28031 cc	139.70 X 152.40	12 cyl		7	
CR1243CP CLE:CB- 965P(12) OEM:200600	C1243	1 Pair		3.7485/ 3.7490 95.212/ 95.225	4.0020/ 4.0025 101.651/101.664	1.8150 46.10	0.1250 3.175	

Engine Index: DAEWOO

Engine-Code	Years	Cyl	CC	Line
F8B		3	796	1
F8C 3 CYL	06.1991-	3	796	2
1.0 I4		4	995	3
G13B		4	1298	4
1.5L SOHC	1994 -	4	1498	5

Engine-Code	Years	Cyl	CC	Line
A15DM 1.5L SOHC	1997-	4	1498	5
A15MF 1.5L DOHC	1995-	4	1498	5
A15SMS 1.5L SOHC	1997-	4	1498	5
G15MF 1.5L SOHC	1994-95	4	1498	5
A16DMS 1.6L DOCH	1997-	4	1598	5

Engine-Code	Years	Cyl	CC	Line
C20LE 2.0L SOHC	1995-	4	1998	6
C20SED 2.0L DOHC	1997-	4	1998	6
Family II 2.0L SOHC	1995-00	4	1998	6
X20SE 2.0L SOHC	1995-	4	1998	6
X20SED 2.0L DOHC	1997-	4	1998	6

Engine-Code	Years	Cyl	CC	Line
T22SED DOHC	1999-00	4	2200	7
X22SE DOHC	1999-00	4	2200	7
D1146 Diesel	1985-	6	8072	8
D2366, D2366T Diesel	1985-	6	11052	9

Car Model Index: DAEWOO

Model	Engine	Years	Cyl	CC	Line
Cielo	1.5L SOHC		4	1498	5
Cielo	A15DM 1.5L SOHC		4	1498	5
Cielo	G15MF 1.5L SOHC	1994-95	4	1498	5
Cielo	A15MF 1.5L DOHC	1995-	4	1498	5
Cielo	A15SMS 1.5L		4	1498	5
Cielo	A16DMS 1.6L		4	1598	5
Espero	Family II 2.0L		4	1998	6
Espero	X20SE 2.0L SOHC		4	1998	6
Espero	C20LE 2.0L SOHC		4	1998	6
Lanos	1.5L SOHC	1994 -	4	1498	5
Lanos	A15DM 1.5L SOHC		4	1498	5
Lanos	A15SMS 1.5L		4	1498	5
Lanos	A16DMS 1.6L		4	1598	5
Lanos	G13B		4	1298	4
Leganza	C20SED 2.0L		4	1998	6

Model	Engine	Years	Cyl	CC	Line
Leganza	X20SED 2.0L		4	1998	6
Leganza	X22SE DOHC	1999-00	4	2200	7
Leganza	T22SED DOHC	1999-00	4	2200	7
Matiz	F8B	07/98-	3	796	1
Matiz	F8C 3 CYL	1998-	3	796	2
Matiz	1.0 I4		4	995	3
Nubira	Family II 2.0L		4	1998	6
Nubira	X20SE 2.0L SOHC		4	1998	6
Nubira	C20LE 2.0L SOHC		4	1998	6
Nubira	C20SED 2.0L		4	1998	6
Nubira	X20SED 2.0L		4	1998	6
Nubira	A16DMS 1.6L		4	1598	5
Tico	F8B	1986-	3	796	1
Tico 0.8	F8C 3 CYL	06.1991-	3	796	2

DAEWOO		DAEWOO						
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
1	F8B		796 cc	68.50 X 72.00	3 cyl	Matiz, Tico	1	
CR 324AM	C4489	3 Pairs		1.4953/ 1.4957 37.981/ 37.991	1.6141/ 1.6149 40.998/ 41.018	0.7125 18.10	0.0587 1.491	
DAI:R5901A GLA:B3062SA NDC:CB-2401 OEM:12181-73000 VAN:VPR92407								
MB4043AM	M4043	4 Pairs	1-4	1.9679/ 1.9685 49.985/ 50.000	2.1260/ 2.1267 54.000/ 54.018	0.6732 17.10	0.0783 1.989	
DAI:M5990A GLA:M4282SA GLY:H1123/4 NDC:MS-2401 OEM:12300-78860 VAN:VPM92660								
2	F8C 3 CYL		06.1991-	796 cc	68.50 X 72.00	3 cyl	Matiz, Tico 0.8	2
CR 346AM STD/.25/.5 <i>IS IDENTICAL TO</i>	C4489	3 Pairs		1.4953/ 1.4957 37.981/ 37.991	1.6141/ 1.6149 40.998/ 41.018	0.7125 18.10	0.0587 1.491	
ACL:3B1266A K.S:CB-3879A OEM:12181A81051-0A0								
MB4271AM STD/.25/.5 <i>Under Development</i>	M4271	4 Pairs		1.7316/ 1.7323 43.983/ 44.000	1.8897/ 1.8905 47.998/ 48.019	0.6740 17.12	0.0785 1.994	
ACL:4M1267A K.S:MS-3879A OEM:12300-61810-0A0								
3	1.0 I4			995 cc	68.50 X 67.50	4 cyl	Matiz	3
CR4489AM STD/.25/.5/.75/1.0/1.5	C4489	4 Pairs		1.4953/ 1.4957 37.981/ 37.991	1.6141/ 1.6149 40.998/ 41.018	0.7125 18.10	0.0587 1.491	
ACL:4B8341 CLE:CB-1452AL (4) DAI:R5983A FMO:4-66755RA GLA:B4655SA GLY:01-4203 NDC:CB-1179 OEM:GM#96659184 OEM:12181-73000 VAN:VPR92062A								
MB5658AM STD/.25/.5 <i>Under Development</i>	M4271	5 Pairs		1.7316/ 1.7323 43.983/ 44.000	1.8897/ 1.8905 47.998/ 48.019	0.6740 17.12	0.0785 1.994	
OEM:GM#96659176								

DAEWOO				DAEWOO				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
4	G13B			1298 cc	74.00 X 75.50	4 cyl	Lanos	4
CR4020AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:4B9318 CLE:CB-1401AL (4) DAI:R5986A FMO:4-1140RA GLA:B4689 GLY:01-4119/4 NDC:CB-2404A OEM:12100-82820 OEM:12100-82810 VAN:VPR92333		C 307	4 Pairs		1.6531/ 0.0000 41.989/ 0.000	0.0000/ 1.7724 0.000/ 45.019	0.7091 18.01	0.0587 1.491
MB5556AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:5M8337 CLE:MS-1779AL DAI:M5986A FMO:7095M GLA:M5483LC GLY:H1159/5 NDC:MS-2404A OEM:12340-83000 OEM:12300-82810 VAN:VPM92331		M 454U M 454L	5 Pairs		1.7710/ 0.0000 44.983/ 0.000	0.0000/ 1.9299 0.000/ 49.019	0.7087 18.00	0.0790 2.007
5	1.5L SOHC	1994 -	1498 cc	76.50 X 81.50	4 cyl	Cielo, Lanos		5
	A15DM 1.5L SOHC	1997-	1498 cc	76.50 X 81.50	4 cyl	Cielo, Lanos		
	G15MF 1.5L SOHC	1994-95	1498 cc	76.50 X 81.50	4 cyl	Cielo		
	A15MF 1.5L DOHC	1995-	1498 cc	76.50 X 81.50	4 cyl	Cielo		
	A15SMS 1.5L SOHC	1997-	1498 cc	76.50 X 81.50	4 cyl	Cielo, Lanos		
	A16DMS 1.6L DOCH	1997-	1598 cc	76.50 X 81.50	4 cyl	Cielo, Lanos, Nubira		
CR 418AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:4B1350 CLE:CB-1451AL (4) FMO:4-4210CP GLA:B4679SA GLY:71-3639/4 K.S:-87 409 600 NDC:CB-3017 OEM:962320715 VAN:VPR92494A		C 418	4 Pairs		1.6918/ 1.6924 42.972/ 42.987	1.8110/ 1.8115 45.999/ 46.012	0.6550 16.64	0.0589 1.496
CR 418CP STD/.25 <i>Same bearing as CR 418AM. Only difference is the material (tri metal copper-lead). Produced on demand only.</i>		C 418	4 Pairs		1.6918/ 1.6924 42.972/ 42.987	1.8110/ 1.8115 45.999/ 46.012	0.6535 16.60	0.0589 1.496
MB5519AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:5M1801 CLE:MS-1545P FMO:7218M GLA:M5380SA GLY:H 975/5 K.S:87 410 600 NDC:MS-3017 OEM:S122-0012 VAN:VPM91934A		M5519 F5519	4 Pairs 1 Pair	1-2-4-5 3	2.1643/ 2.1648 54.973/ 54.986 2.1643/ 2.1648 54.973/ 54.986	2.3228/ 2.3233 58.999/ 59.012 2.3228/ 2.3233 58.999/ 59.012	0.7700 19.56 1.0200 25.91	0.0784 1.991 0.0784 1.991
6	Family II 2.0L SOHC	1995-00	1998 cc	86.00 X 86.00	4 cyl	Espero, Nubira		6
	X20SE 2.0L SOHC	1995-	1998 cc	86.00 X 86.00	4 cyl	Espero, Nubira		
	C20LE 2.0L SOHC	1995-	1998 cc	86.00 X 86.00	4 cyl	Espero, Nubira		
	C20SED 2.0L DOCH	1997-	1998 cc	86.00 X 86.00	4 cyl	Leganza, Nubira		
	X20SED 2.0L DOHC	1997-	1998 cc	86.00 X 86.00	4 cyl	Leganza, Nubira		
CR4106AM STD/.25/.5/.75/1.0/1.25/1.5 <i>2 oil holes in upper half, .</i> <i>The set can be used for both Old and Late model</i> ACL:4B1408 CLE:CB-1408P (4) FMO:4-1490 GLA:B4628SA GLY:71-3531/4~ OEM:9202-8817 VAN:VPR91935A								
MB5179AM STD/.25/.5/.75/1.0 <i>Same as MB5520AM, but with flange STD length: 25.91 mm in all undersizes</i> ACL:5M2329 CLE:MS-2068P FMO:7108M								
MB5520AM STD/.25/.5/.75/1.0/1.25/1.5 <i>This set includes 2 flanged full grooved halves . Flange length: STD - 25.91 mm (FI STD) 0.25 - 26.11mm (FI oversize 0.2 mm), 0.5 - 26.31mm (FI oversize 0.4 mm), 0.75 - 26.51mm (FI oversize 0.6 mm), 1.0, 1.5 - 26.71mm (FI oversize 0.8mm).</i> ACL:5M2327 CLE:MS-1549AL FMO:6831M GLA:M5401SA GLY:H 982/5 K.S:87 393 600 NDC:MS-3020 OEM:9206-5700 VAN:VPM91936LC		M5520 F5520	4 Pairs 1 Pair	1-2-4-5 3	2.2828/ 2.2833 57.983/ 57.996 2.2828/ 2.2833 57.983/ 57.996	2.4410/ 2.4415 62.001/ 62.014 2.4410/ 2.4415 62.001/ 62.014	0.7680 19.51 1.0200 25.91	0.0785 1.994 0.0785 1.994
7	X22SE DOHC	1999-00	2200 cc	86.00 X 94.60	4 cyl	Leganza		7

DAEWOO				DAEWOO				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
T22SED DOHC		1999-00	2200 cc	86.00 X 94.00	4 cyl	Leganza		
CR4106AM STD./25/.5/.75/1.0/1.25/1.5 2 oil holes in upper half, . The set can be used for both Old and Late model ACL:4B1408 CLE:CB-1408P(4) FMO:4-1490 GLA:B4628SA GLY:71-3531/4~ OEM:9202-8817 VAN:VPR91935A								
MB5247AM STD./25/.5/.75 ACL:5M2325 GLY:H 059/5 K.S:77 533 600	M5247	4 Pairs	1-2-4-5	2.2828/ 2.2833 57.983/ 57.996	2.4409/ 2.4415 61.999/ 62.014	0.7677 19.50	0.0788 2.002	
	F5247	1 Pair	3	2.2828/ 2.2833 57.983/ 57.996	2.4409/ 2.4415 61.999/ 62.014	1.0197 25.90	0.0788 2.002	
8	D1146 Diesel	1985-	8072 cc	111.00 X 139.00	6 cyl	8		
CR 638CP STD./25/.5/.75 Under Development GLY:71-2913/6 K.S:87 709 600		C 638*	6 Pairs	2.7941/ 2.7949 70.970/ 70.990	2.9921/ 2.9929 75.999/ 76.020	1.2244 31.10	0.0974 2.474	
MB7086CP Under Development GLY:H 009/7		M7086U* M7086L*	7 Pairs	1-7	3.3057/ 3.3066 83.965/ 83.988	3.5433/ 3.5442 90.000/ 90.023	1.2992 33.00	0.1173 2.979
9	D2366, D2366T Diesel	1985-	11052 cc	123.00 X 156.00	6 cyl	9		
CR6724CP CLE:CB-1052P(6) GLA:B6536LB GLY:71-2450/6 K.S:87 713 600 VAN:VPR92339		C6724	6 Pairs	3.2664/ 3.2672 82.967/ 82.987	3.5039/ 3.5048 88.999/ 89.022	1.2598 32.00	0.1170 2.972	
MB7087CP Under Development GLY:H 011/7		M7037U* M7037L*	7 Pairs	1-7	3.7782/ 3.7791 95.966/ 95.989	4.0157/ 4.0166 101.999/102.022	1.3780 35.00	0.1170 2.972

Engine Index: DAF

Engine-Code	Years	Cyl	CC	Line
DH 825	1969	6	8250	1
DHB/DHR/DHT/DU	1971-	6	8250	1
DHS/DHU825 Supercharged	1976-	6	8250	1
RS 180,200,222L	1991-	6	8662	2
RS 180,200,222M	1995-	6	8662	2

Engine-Code	Years	Cyl	CC	Line
1160 DK/DKA/DKB/DKC/	1968-	6	11630	3
XE 390/410		6	12577	4
XF 355 Diesel	8/1996	6	12577	4

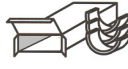




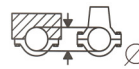


Car Model Index: DAF

Model	Engine	Years	Cyl	CC	Line
DHS/FAG2505/FAT252	DHS/DHU825	1976-	6	8250	1
FA/FAR/FM/FT2000	DH 825	1969-78	6	8250	1
FAV1800	DH 825	1973-	6	8250	1
FM/FT/FTT2200/FA220	DHB/DHR/DHT/DU	1971-79	6	8250	1
SB1602	DHB/DHR/DHT/DU	1973-79	6	8250	1
SB2000/FT2305	DHS/DHU825		6	8250	1

Model	Engine	Years	Cyl	CC	Line
Serie F	1160		6	11630	3
Serie MB	1160		6	11630	3
Serie N	1160		6	11630	3
Serie SB	1160		6	11630	3
Serie XF	XF 355 Diesel		6	12577	4

DAF

DAF

	 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
1	DH 825	1969	8250 cc	118.00 X 126.00	6 cyl	FA/FAR/FM/FT2000 /FA2005, FAV1800		1
	DHB/DHR/DHT/DU Supercharged	1971-	8250 cc	118.00 X 126.00	6 cyl	FM/FT/FTT2200/FA2205, SB1602		
	DHS/DHU825 Supercharged Intercooled	1976-	8250 cc	118.00 X 126.00	6 cyl	DHS/FAG2505/FAT2525, SB2000/FT2305		
CR6621CP _{STD/.25/.5/.75/1.0/1.5} <i>184187 -</i> Plain halves. GLA: B6519LC GLY: 71-4383/6 OEM: 12111-D020 VAN: VPR91500	C6621	6 Pairs			2.9523/ 2.9531 74.988/ 75.009	3.0931/ 3.0935 78.565/ 78.575	1.5790 40.11	0.0691 1.755
MB 708CP _{STD/.25/.5/.75/1.0/1.5} <i>-D62165</i> GLA: M7355LC VAN: VPM91501	M7034/1U	1 Pair	1		3.4642/ 3.4650 87.991/ 88.011	3.6240/ 3.6250 92.050/ 92.075	1.8150 46.10	0.0787 1.999
	M7034/2U	4 Pairs	2-3-5-6		3.4642/ 3.4650 87.991/ 88.011	3.6240/ 3.6250 92.050/ 92.075	1.2050 30.61	0.0787 1.999
	M7034/4	2 Pairs	4-7		3.4642/ 3.4650 87.991/ 88.011	3.6240/ 3.6250 92.050/ 92.075	1.5000 38.10	0.0787 1.999
MB7034CP _{STD/.25/.5} <i>D62166-</i> VAN: VPM92598	M7034/1U M7034/1L	1 Pair	1		3.4642/ 3.4650 87.991/ 88.011	3.6240/ 3.6250 92.050/ 92.075	1.8150 46.10	0.0787 1.999
	M7034/2U M7034/2L	4 Pairs	2-3-5-6		3.4642/ 3.4650 87.991/ 88.011	3.6240/ 3.6250 92.050/ 92.075	1.2050 30.61	0.0787 1.999
	M7034/4	2 Pairs	4-7		3.4642/ 3.4650 87.991/ 88.011	3.6240/ 3.6250 92.050/ 92.075	1.5000 38.10	0.0787 1.999
2	RS 180,200,222L	1991-	8662 cc	118.00 X 132.00	6 cyl			2
	RS 180,200,222M	1995-	8662 cc	118.00 X 132.00	6 cyl			
CR6732CP <i>Under Development</i> GLY: 71-3794/6 VAN: VPR06007	C6732*	6 Pairs			3.1488/ 3.1504 79.980/ 80.020	2.2899/ 3.2904 58.163/ 83.576	1.5039 38.20	0.0688 1.748
MB7056CP _{STD/010/020} GLY: H 054/7 VAN: VPM07001	M7056/1	2 Pairs	1,7		3.4638/ 3.4654 87.981/ 88.021	3.6240/ 3.6250 92.050/ 92.075	1.4252 36.20	0.0783 1.989
	M7056/2U M7056/2L	4 Pairs	2,3,5,6		3.4638/ 3.4654 87.981/ 88.021	3.6240/ 3.6250 92.050/ 92.075	1.1299 28.70	0.0783 1.989
	M7056/4U M7056/4L	1 Pair	4		3.4638/ 3.4654 87.981/ 88.021	3.6240/ 3.6250 92.050/ 92.075	1.7402 44.20	0.0783 1.989
3	1160 DK/DKA/DKB/DKC/ DKL/DKS/DKSB/DKSE/DKT/DKTD/DK TL/DKV/DKVL/DKX WS 222/225/242/259/268/282/295/315G/L S, LT 160/195 Diesel	1968-	11630 cc	130.00 X 146.00	6 cyl	Serie F, Serie MB, Serie N, Serie SB		3
CR 699CP _{STD/.75} <i>Eng. 1973-9/84</i> All 8 halves with hole. GLA: B6509LC GLY: 71-3291/6 VAN: VPR91779	C 699	6 Pairs			3.1179/ 3.1187 79.195/ 79.215	3.2610/ 3.2615 82.829/ 82.842	1.7930 45.54	0.0700 1.778
CR6730CP _{STD/.5/.75} <i>Eng. 10/84-3/94</i> All 8 halves with hole. CLE: CB-1561P (6) GLA: B6615LB GLY: 71-3631/6 VAN: VPR92532	C6730	6 Pairs			3.2669/ 3.2685 82.979/ 83.020	3.4104/ 3.4109 86.624/ 86.637	1.6811 42.70	0.0704 1.788
CR6731CP _{STD} <i>Eng. 4/94-</i> Plain halves GLY: 71-3791/6	C6731	6 Pairs			3.2669/ 3.2685 82.979/ 83.020	3.4104/ 3.4109 86.624/ 86.637	1.6732 42.50	0.0704 1.788
MB7053CP _{STD/.25/.5} <i>1973 -</i> Full grooved upper & lower halves in all positions. with identical bearings in positions 4 and 7.	M7054/1	1 Pair	1		3.8579/ 3.8587 97.991/ 98.011	4.0579/ 4.0590 103.071/103.099	1.5413 39.15	0.0983 2.497
	M7054/2U	4 Pairs	2-3-5-6		3.8579/ 3.8587 97.991/ 98.011	4.0579/ 4.0590 103.071/103.099	1.2618 32.05	0.0983 2.497

DAF				DAF				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
CLE:MS-1857P GLY:H 022/7	GLA:M7434LB VAN:VPM92313	M7054/4U	2 Pairs	4,7	3.8579/ 3.8587 97.991/ 98.011	4.0579/ 4.0590 103.071/103.099	2.0531 52.15	0.0983 2.497
MB7054CP _{STD/.25/.5} <i>Eng. F65302-</i> <i>Full grooved upper & lower halves in pos. 1.</i> <i>Full grooved upper & plain lower halves in positions 2 - 7.</i> CLE:MS-1936P GLY:H 005/7	GLA:M7444LB VAN:VPM92533	M7054/1	1 Pair	1	3.8579/ 3.8587 97.991/ 98.011	4.0579/ 4.0590 103.071/103.099	1.5413 39.15	0.0983 2.497
		M7054/2U M7054/2L	4 Pairs	2-3-5-6	3.8579/ 3.8587 97.991/ 98.011	4.0579/ 4.0590 103.071/103.099	1.2618 32.05	0.0983 2.497
		M7054/4U M7054/4L	2 Pairs	4,7	3.8579/ 3.8587 97.991/ 98.011	4.0579/ 4.0590 103.071/103.099	2.0531 52.15	0.0983 2.497
TW2012CP GLY:A 142/4	VAN:VPW04008	W2012D W2012E	2 Pairs		0.0000/ 4.2598 0.000/108.199	0.0000/ 4.9808 0.000/126.512	0.0000 0.00	0.0930 2.362
4	XF 355 Diesel	8/1996	12577 cc	130.00 X 158.00	6 cyl	Serie XF	4	
	XE 390/410		12577 cc	130.00 X 158.00	6 cyl			
CR6761CP GLY:71-3866/6	VAN:VPR06006	C6761	6 Pairs		3.4638/ 3.4653 87.981/ 88.019	3.6454/ 3.6459 92.593/ 92.606	1.5354 39.00	0.0890 2.261
CR6762CP <i>Under Development</i> <i>For eng. XE 390/410</i> GLY:71-3919/6		C6762*	6 Pairs		3.6213/ 3.6228 91.981/ 92.019	3.8029/ 3.8034 96.594/ 96.606	1.2992 33.00	0.0890 2.261
MB7054CP _{STD/.25/.5} <i>Full grooved upper & lower halves in pos. 1.</i> <i>Full grooved upper & plain lower halves in positions 2 - 7.</i> CLE:MS-1936P GLY:H 005/7	GLA:M7444LB VAN:VPM92533	M7054/1	1 Pair	1	3.8579/ 3.8587 97.991/ 98.011	4.0579/ 4.0590 103.071/103.099	1.5413 39.15	0.0983 2.497
		M7054/2U M7054/2L	4 Pairs	2-3-5-6	3.8579/ 3.8587 97.991/ 98.011	4.0579/ 4.0590 103.071/103.099	1.2618 32.05	0.0983 2.497
		M7054/4U M7054/4L	2 Pairs	4,7	3.8579/ 3.8587 97.991/ 98.011	4.0579/ 4.0590 103.071/103.099	2.0531 52.15	0.0983 2.497
MB7055CP <i>Under Development</i> <i>Same as MB7054, but without oil groove in upper & lower halves in pos.1</i> GLY:H 089/7		M7055/1*	1 Pair	1	3.8575/ 3.8591 97.981/ 98.021	4.0580/ 4.0590 103.073/103.099	1.5413 39.15	0.0980 2.489
		M7054/2U*	4 Pairs	2-3-5-6	3.8575/ 3.8591 97.981/ 98.021	4.0580/ 4.0590 103.073/103.099	1.2618 32.05	0.0980 2.489
		M7054/4U*	2 Pairs	4,7	3.8575/ 3.8591 97.981/ 98.021	4.0580/ 4.0500 103.073/102.870	2.0531 52.15	0.0980 2.489
TW2012CP GLY:A 142/4	VAN:VPW04008	W2012D W2012E	2 Pairs		0.0000/ 4.2598 0.000/108.199	0.0000/ 4.9808 0.000/126.512	0.0000 0.00	0.0930 2.362

Engine Index: DAIHATSU

Engine-Code	Years	Cyl	CC	Line
EB	8/85-7/90	3	547	1
EF	3/1990-	3	659	1
CD	5/82-8/84	3	843	4
CD	8/1984-	3	843	6
ED	1985-	3	846	2
EJ DOHC 12 Valve	1998-02	3	989	3
CB	10/77-	3	993	4
CL	1/83-8/84	3	993	4
CB-T	5/1985-	3	993	5
CB, CL	8/1984-	3	993	6

Engine-Code	Years	Cyl	CC	Line
CB-T	8/1984-	3	993	6
CL-T	8/1984-	3	993	7
HC	1/1988-	4	1295	10
K3-VE	07.2000-	4	1298	8
3SZ-VE	11.2005-	4	1500	9
HD	6/1989-	4	1589	10
DG	1977-	4	2530	11
DL, DL-T	4/84-7/87	4	2765	11
DL, DL-T	7/1987-	4	2765	12

Car Model Index: DAIHATSU

Model	Engine	Years	Cyl	CC	Line
Applause 1600	HD		4	1589	10
Atrai,Cuore,Hijet,Mira,O	EB		3	547	1
Atrai,Cuore,Hijet,Mira,O	EF		3	659	1
COPEN	K3-VE	03.2006-	4	1298	8
Charade	CB-T		3	993	5
Charade	CL-T		3	993	7
Charade 1300	HC		4	1295	10
Charade, Hijet	CD		3	843	4
Charade, Hijet	CB		3	993	4
Charade, Hijet	CL		3	993	4
Charade, Hijet	CD		3	843	6
Charade, Hijet	CB, CL		3	993	6
Charade, Hijet	CB-T		3	993	6
Delta,Tafto,Rocky,Rugg	DG		4	2530	11
Delta,Tafto,Rocky,Rugg	DL, DL-T		4	2765	11
Delta,Tafto,Rocky,Rugg	DL, DL-T		4	2765	12
EXTOL BUS	K3-VE	07.2000-	4	1298	8
Ferroza 1600	HD		4	1589	10
Hijet	ED		3	846	2

Model	Engine	Years	Cyl	CC	Line
MATERIA	K3-VE	10.2006	4	1298	8
Materia 1.5 (M4)	3SZ-VE	10.2006-	4	1500	9
Materia 1.5 (M4) ECO	3SZ-VE	10.2006-	4	1500	9
Rocky 1600 (USA)	HD		4	1589	10
SIRION	K3-VE	01.2005	4	1298	8
SIRION 4WD	K3-VE	04.2005	4	1298	8
Sirion 1.5 (M3)	3SZ-VE	11.2005-	4	1500	9
Sirion M100 1.0	EJ DOHC 12 Valve		3	989	3
Sportrak F300 1600	HD		4	1589	10
TERIOS	K3-VE	11.2005	4	1298	8
TERIOS 4WD	K3-VE	10.2000-	4	1298	8
Terios 1.5 (J2)	3SZ-VE	11.2005-	4	1500	9
Terios 1.5 (J2) 4WD	3SZ-VE	05.2006-	4	1500	9
Terios Kid	EB		3	547	1
Terios Kid	EF		3	659	1
YRV	K3-VE	02.2001	4	1298	8
YRV 4WD	K3-VE	02.2001	4	1298	8

DAIHATSU				DAIHATSU				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
1	EB	8/85-7/90	547 cc	62.00 X 60.50	3 cyl	Atrai,Cuore,Hijet,Mira,Opti, Terios Kid	1	
	EF	3/1990-	659 cc	68.00 X 60.50	3 cyl	Atrai,Cuore,Hijet,Mira,Opti, Terios Kid		
CR 309AM ACL:3B8020 GLA:B3069SA OEM:13041-87201-02	DAI:R 158A NDC:CB-2507A	C 309	3 Pairs		1.4559/ 1.4567 36.980/ 37.000	1.5748/ 1.5756 40.000/ 40.020	0.5906 15.00	0.0588 1.494
MB4044AM <i>Under Development</i> DAI:M1559A NDC:MS-2507A	GLA:M4285SA OEM:11701-87201-02	M4044U M4044L	4 Pairs		0.0000/ 1.6535 0.000/ 41.999	1.8112/ 1.8118 46.004/ 46.020	0.6259 15.90	0.0783 1.989
TW 149AM <i>Under Development</i> DAI:T 158A OEM:11011-87201	NDC:TW-2507A	W 149	1 Pair		1.8906/ 1.9000 48.021/ 48.260	2.3228/ 0.0000 58.999/ 0.000	0.0000 0.00	0.0783 1.989
2	ED	1985-	846 cc	70.00 X 73.00	3 cyl	Hijet	2	
CR 331AM <i>Under Development</i> NDC:CB-2510A		C 331*	3 Pairs		0.0000/ 1.5748 0.000/ 40.000	1.6929/ 0.0000 43.000/ 0.000	0.6299 16.00	0.0785 1.994
MB4067AM <i>Under Development</i> NDC:MS-2510A		M4067U* M4067L*	4 Pairs	1-4	0.0000/ 1.8110 0.000/ 45.999	1.9685/ 0.0000 50.000/ 0.000	0.6299 16.00	0.0785 1.994
TW 150AM <i>Under Development</i> NDC:TW-2510A		W 150	1 Pair		0.0000/ 2.0570 0.000/ 52.248	2.4800/ 0.0000 62.992/ 0.000	0.0000 0.00	0.0783 1.989
3	EJ DOHC 12 Valve	1998-02	989 cc		3 cyl	Sirion M100 1.0	3	
CR 339AM STD./25/.5 OEM:11701-97202-010		C 339	3 Pairs		0.0000/ 0.0000 0.000/ 0.000	1.6940/ 1.6942 43.028/ 43.033	0.6260 15.90	0.0590 1.499
MB4100AM STD./25/.5/75/1.0 OEM:13041-87203-020 OEM:11701-97202-010		M4100U M4100L	4 Pairs		0.0000/ 0.0000 0.000/ 0.000	1.9697/ 1.9700 50.030/ 50.038	0.6220 15.80	0.0780 1.981

DAIHATSU				DAIHATSU				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
4	CD	5/82-8/84	843 cc	70.00 X 73.00	3 cyl	Charade, Hijet	4	
	CB	10/77-8/84	993 cc	76.00 X 73.00	3 cyl	Charade, Hijet		
	CL	1/83-8/84	993 cc	76.00 X 73.00	3 cyl	Charade, Hijet		
CR 306AM STD./25/.5/.75/1.0 ACL:3B8010 CLE:CB-1405(3) DAI:R1668A FMO:3-1180RA GLA:B3059SA GLY:71-4309/3 NDC:CB-2501A OEM:13041-87702-02 VAN:VPR92004A		C 306	3 Pairs		1.5738/ 1.5748 39.975/ 40.000	1.6929/ 1.6938 43.000/ 43.023	0.7090 18.01	0.0587 1.491
MB 416AM STD./25/.5/.75/1.0/1.25/1.5 ACL:4M8011 CLE:MS-1739 DAI:M1668A FMO:6697M GLA:M4261SA NDC:MS-2501A OEM:11701-87703-01~05VAN:VPM920055A		M 416	4 Pairs		1.6526/ 1.6535 41.976/ 41.999	1.8110/ 1.8120 45.999/ 46.025	0.7680 19.51	0.0783 1.989
TW 147AM DAI:T 162A NDC:TW-2500A OEM:11011-87701		W 147	1 Pair		1.8900/ 1.9000 48.006/ 48.260	2.4311/ 2.4409 61.750/ 61.999	0.0000 0.00	0.0783 1.989
5	CB-T	5/1985-	993 cc	76.00 X 73.00	3 cyl	Charade	5	
CR 330AM <i>Under Development</i> DAI:R 167K NDC:CB-2509A OEM:13041-87701-02		C 330*	3 Pairs		0.0000/ 1.6929 0.000/ 43.000	1.8110/ 0.0000 45.999/ 0.000	0.7870 19.99	0.0588 1.494
MB4066AM <i>Under Development</i> DAI:M 166A NDC:MS-2503A OEM:11701-87704-02		M4066U M4066L	4 Pairs	1-4	0.0000/ 1.8894 0.000/ 47.991	2.0474/ 0.0000 52.004/ 0.000	0.6732 17.10	0.0785 1.994
TW 148AM <i>Under Development</i> DAI:T 166A NDC:TW-2503A OEM:11011-87702		W 148	1 Pair		0.0000/ 1.9000 0.000/ 48.260	2.4410/ 0.0000 62.001/ 0.000	0.0000 0.00	0.0783 1.989
6	CD	8/1984-	843 cc	70.00 X 73.00	3 cyl	Charade, Hijet	6	
	CB, CL	8/1984-	993 cc	76.00 X 73.00	3 cyl	Charade, Hijet		
	CB-T	8/1984- 11/90	993 cc	76.00 X 73.00	3 cyl	Charade, Hijet		
CR 306AM STD./25/.5/.75/1.0 ACL:3B8010 CLE:CB-1405(3) DAI:R1668A FMO:3-1180RA GLA:B3059SA GLY:71-4309/3 NDC:CB-2501A OEM:13041-87702-02 VAN:VPR92004A		C 306	3 Pairs		1.5738/ 1.5748 39.975/ 40.000	1.6929/ 1.6938 43.000/ 43.023	0.7090 18.01	0.0587 1.491
MB 490AM STD./25/.5/.75/1.0 CLE:MS-1785AL DAI:M1669A GLA:M4272LC GLY:H1141/4 NDC:MS-2505A OEM:11702-87710 OEM:11701-87705-02 VAN:VPM92343		M 416 M 490	4 Pairs		1.6526/ 1.6535 41.976/ 41.999	1.8110/ 1.8120 45.999/ 46.025	0.7680 19.51	0.0783 1.989
TW 147AM DAI:T 162A NDC:TW-2500A OEM:11011-87701		W 147	1 Pair		1.8900/ 1.9000 48.006/ 48.260	2.4311/ 2.4409 61.750/ 61.999	0.0000 0.00	0.0783 1.989
7	CL-T	8/1984-	993 cc	76.00 X 73.00	3 cyl	Charade	7	
CR 329AM <i>Under Development</i> DAI:R 166A K.S:CB-2503A NDC:CB-2503A OEM:13041-87704-02		C 329*	3 Pairs		0.0000/ 1.7716 0.000/ 44.999	1.8900/ 0.0000 48.006/ 0.000	0.7913 20.10	0.0588 1.494
MB4066AM <i>Under Development</i> DAI:M 166A NDC:MS-2503A OEM:11701-87704-02		M4066U M4066L	4 Pairs	1-4	0.0000/ 1.8894 0.000/ 47.991	2.0474/ 0.0000 52.004/ 0.000	0.6732 17.10	0.0785 1.994
TW 148AM <i>Under Development</i> DAI:T 166A NDC:TW-2503A OEM:11011-87702		W 148	1 Pair		0.0000/ 1.9000 0.000/ 48.260	2.4410/ 0.0000 62.001/ 0.000	0.0000 0.00	0.0783 1.989
8	K3-VE	07.2000-	1298 cc	72.00 X 79.00	4 cyl	COPEN, EXTOL BUS, MATERIA, SIRION, SIRION 4WD, TERIOS, TERIOS 4WD, YRV, YRV 4WD	8	
CR4530XA STD./25/.5/.75		C4530U	4 Pairs	1-4	1.5740/ 1.5750	1.6930/ 1.6930	0.0000	0.0587

DAIHATSU					DAIHATSU			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
OEM:13041-BZ010	C4530L			39.980/ 40.005	43.002/ 43.002	0.00	1.491	
MB5663SI STD/.25/.5/.75 <i>Requires Thrust washers.</i> GLY:H1296/5 OEM:11701-BZ091-02	M5663U M5663L	5 Pairs	1-5	1.8106/ 1.8110 45.989/ 45.999	1.9690/ 1.9692 50.013/ 50.018	0.5826 14.80	0.0787 1.999	
9	3SZ-VE	11.2005-	1500 cc	72.00 X 91.80	4 cyl	Materia 1.5 (M4), Materia 1.5 (M4) ECO 4WD, Sirion 1.5 (M3), Terios 1.5 (J2), Terios 1.5 (J2) 4WD		9
CR4535XA STD/.25/.5/.75 OEM:13041-BZ081	C4535U C4535L	4 Pairs		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.0000 0.000	
MB5663SI STD/.25/.5/.75 <i>Requires Thrust Washers</i> GLY:H1296/5 OEM:11701-BZ091-02	M5663U M5663L	5 Pairs	1-5	1.8106/ 1.8110 45.989/ 45.999	1.9690/ 1.9692 50.013/ 50.018	0.5826 14.80	0.0787 1.999	
10	HC	1/1988-	1295 cc	76.00 X 71.40	4 cyl	Charade 1300		10
	HD	6/1989-	1589 cc	78.00 X 87.60	4 cyl	Applause 1600, Ferroza 1600, Rocky 1600 (USA), Sportrak F300 1600		
CR4130AM STD/.25/.5/.75/1.0 ACL:4B8016 CLE:CB-1658AL(4) DAI:R1680A GLA:B4794SA NDC:CB-2511A OEM:13041-87102 OEM:13041-87101-01-05	C4130	4 Pairs		1.7709/ 1.7716 44.981/ 44.999	1.8898/ 1.8906 48.001/ 48.021	0.7087 18.00	0.0587 1.491	
MB5238AM STD/.25 ACL:5M8017 CLE:MS-2063AL DAI:M 180A GLA:M5592SA NDC:MS-2511A OEM:11701-87102 OEM:11701-87101-01-07	M5238	5 Pairs		1.9677/ 1.9685 49.980/ 50.000	2.1260/ 2.1268 54.000/ 54.021	0.7126 18.10	0.0787 1.999	
TW 145AM STD/.25 ACL:1T8017 CLE:TW- 599S DAI:T 180A NDC:TW-2511A OEM:11011-87101	W 145	1 Pair		2.2421/ 2.2520 56.949/ 57.201	3.0079/ 3.0177 76.401/ 76.650	0.0000 0.00	0.0980 2.489	
11	DG	1977-4/84	2530 cc	88.00 X 104.00	4 cyl	Delta,Tafto,Rocky,Rugger		11
	DL, DL-T	4/84-7/87	2765 cc	92.00 X 104.00	4 cyl	Delta,Tafto,Rocky,Rugger		
CR4053AM <i>Under Development</i> ACL:4B1426 CLE:CB-1078P(4) DAI:R 178A FMO:4-1320RA GLA:B4758SA GLY:01-4356/4 NDC:CB-1158A OEM:13202-87303	C4053	4 Pairs		2.1642/ 2.1646 54.971/ 54.981	2.2834/ 2.2842 57.998/ 58.019	1.0827 27.50	0.0589 1.496	
MB5583AM <i>Under Development</i> 1977 - ACL:5M1382 DAI:M1776A FMO:7021M GLA:M5397SA NDC:MS-1158A OEM:11702-87305	M5583/1U M5583/1L	2 Pairs	1,5	2.6756/ 2.6760 67.960/ 67.970	2.8342/ 2.8354 71.989/ 72.019	1.1811 30.00	0.0786 1.996	
	M5583/2U MB5583/2L	2 Pairs	2,4	2.6756/ 2.6760 67.960/ 67.970	2.8342/ 2.8354 71.989/ 72.019	0.9449 24.00	0.0786 1.996	
	M5583/1U F5583	1 Pair	3	2.6756/ 2.6760 67.960/ 67.970	2.8342/ 2.8354 71.989/ 72.019	1.4937 37.94	0.0786 1.996	
12	DL, DL-T	7/1987-	2765 cc	92.00 X 104.00	4 cyl	Delta,Tafto,Rocky,Rugger		12
CR4053AM <i>Under Development</i> ACL:4B1426 CLE:CB-1078P(4) DAI:R 178A FMO:4-1320RA GLA:B4758SA GLY:01-4356/4 NDC:CB-1158A OEM:13202-87303	C4053	4 Pairs		2.1642/ 2.1646 54.971/ 54.981	2.2834/ 2.2842 57.998/ 58.019	1.0827 27.50	0.0589 1.496	
MB5056AM <i>Under Development</i> ACL:5M1392 CLE:MS-1789P DAI:M 178A GLA:M5552SA NDC:MS-2502A OEM:11702-87306	M5056/2U F5056*	1 Pair	3	2.6756/ 2.6760 67.960/ 67.970	2.8342/ 2.8354 71.989/ 72.019	1.3320 33.83	0.0788 2.002	
	M5056/1U M5056/2L*	1 Pair	1	2.6752/ 2.6760 67.950/ 67.970	2.8346/ 2.8354 71.999/ 72.019	0.9449 24.00	0.0788 2.002	
	M5056/2U MB5056/2L*	2 Pairs	2,4,5	2.6752/ 2.6760 67.950/ 67.970	2.8346/ 2.8354 71.999/ 72.019	0.9449 24.00	0.0788 2.002	

Engine Index: DAVID BROWN

Engine-Code	Years	Cyl	CC	Line
AD3/49 Diesel Direct Injection		3	2395	1
AD3/55 Diesel Direct Injection		3	2695	1
AD4/47 Diesel		4	3045	2
AD4/49 Diesel Direct Injection		4	3195	3

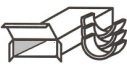




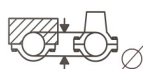


Engine-Code	Years	Cyl	CC	Line
AD4/55 Diesel Direct Injection		4	3594	3
AD4/55 Diesel Direct Injection		4	3594	4

Car Model Index: DAVID BROWN

Model	Engine	Years	Cyl	CC	Line
770 Series	AD3/49 Diesel	1964-	3	2395	1
880,885,1190,1194	AD3/55 Diesel		3	2695	1
990 Series	AD4/47 Diesel	1961-71	4	3045	2
990 Series	AD4/49 Diesel	1964-	4	3195	3

Model	Engine	Years	Cyl	CC	Line
995,996,1200,1210,121	AD4/55 Diesel		4	3594	3
DB	AD4/55 Diesel		4	3594	4

DAVID BROWN				DAVID BROWN			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	AD3/49 Diesel Direct Injection	2395 cc	100.05 X 114.30	3 cyl	770 Series		1
	AD3/55 Diesel Direct Injection	2695 cc	100.05 X 114.30	3 cyl	880,885,1190,1194		
CR 313AM STD/010/020/030/040 GLA:B3049SA OEM:K207436	C4044	3 Pairs		2.3730/ 2.3735 60.274/ 60.287	2.5195/ 2.5205 63.995/ 64.021	1.1500 29.21	0.0720 1.829
MB 462AM STD/010/020/030/040 GLA:M4225SA OEM:K928540	M 462	4 Pairs		2.4990/ 2.4995 63.475/ 63.487	2.6660/ 2.6670 67.716/ 67.742	1.2550 31.88	0.0820 2.083
TW 205AM <i>Under Development For engine AD3/55</i> CLE:TW- 136S FMO:65361BF GLA:W2152SA GLY:A031/4 VAN:VPW30	W 205D W 205E	2 Pairs		2.7150/ 2.7250 68.961/ 69.215	3.3700/ 3.3800 85.598/ 85.852	0.0000 0.00	0.0930 2.362
TW2005AM <i>For engine AD3/49</i> GLA:W2201SA GLY:A262/4 VAN:VPW95209A	W2005D W2005E	2 Pairs		2.8360/ 2.8460 72.034/ 72.288	3.3700/ 3.3800 85.598/ 85.852	0.0000 0.00	0.0920 2.337
2	AD4/47 Diesel	3045 cc	92.08 X 114.30	4 cyl	990 Series		2
CR 457AM CLE:CB- 939AL(4) GLA:B4410SA VAN:VPR92491A	C 457	4 Pairs		2.2480/ 2.2485 57.099/ 57.112	2.3945/ 2.3955 60.820/ 60.846	1.1500 29.21	0.0720 1.829
MB 362AM STD/010/020/030/040/050/060 GLA:M3323SA GLY:H1137/3 OEM:K928541	M 362	3 Pairs		2.4990/ 2.4995 63.475/ 63.487	2.6660/ 2.6670 67.716/ 67.742	1.7550 44.58	0.0820 2.083
TW 205AM <i>Under Development</i> CLE:TW- 136S FMO:65361BF GLA:W2152SA GLY:A031/4 VAN:VPW30	W 205D W 205E	2 Pairs		2.7150/ 2.7250 68.961/ 69.215	3.3700/ 3.3800 85.598/ 85.852	0.0000 0.00	0.0930 2.362
3	AD4/49 Diesel Direct Injection	3195 cc	100.05 X 114.30	4 cyl	990 Series		3
	AD4/55 Diesel Direct Injection	3594 cc	100.05 X 114.30	4 cyl	995,996,1200,1210,1212,12 94,		
CR4044AM STD/010/020/030/040/050/060 GLA:B4503SA GLY:01-4334/4	C4044	4 Pairs		2.3730/ 2.3735 60.274/ 60.287	2.5195/ 2.5205 63.995/ 64.021	1.1500 29.21	0.0720 1.829

DAVID BROWN				DAVID BROWN			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
MB 362AM STD/010/020/030/040/050/060 GLA:M3323SA GLY:H1137/3 OEM:K928541	M 362	3 Pairs		2.4990/ 2.4995 63.475/ 63.487	2.6660/ 2.6670 67.716/ 67.742	1.7550 44.58	0.0820 2.083
TW 205AM <i>Under Development For engine AD4/49</i> CLE:TW- 136S FMO:65361BF GLA:W2152SA GLY:A031/4 VAN:VPW30	W 205D W 205E	2 Pairs		2.7150/ 2.7250 68.961/ 69.215	3.3700/ 3.3800 85.598/ 85.852	0.0000 0.00	0.0930 2.362
TW2005AM <i>For engine AD4/55</i> GLA:W2201SA GLY:A262/4 VAN:VPW95209A	W2005D W2005E	2 Pairs		2.8360/ 2.8460 72.034/ 72.288	3.3700/ 3.3800 85.598/ 85.852	0.0000 0.00	0.0920 2.337
4	AD4/55 Diesel Direct Injection TurbochargedA	3594 cc	100.05 X 114.00	4 cyl	DB 1410,DB1412,1394,1494		4
CR4050AM STD/010/020 GLA:B4663SA OEM:K929148 VAN:VPR92392A	C4050	4 Pairs		2.4980/ 2.4985 63.449/ 63.462	2.6445/ 2.6455 67.170/ 67.196	1.1500 29.21	0.0720 1.829
MB 361AM STD/010/020 GLA:M3439SA OEM:K928997 VAN:VPM92391A	M 361	3 Pairs	1-3	2.6240/ 2.6245 66.650/ 66.662	2.7910/ 2.7920 70.891/ 70.917	1.5051 38.23	0.0820 2.083

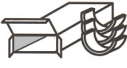




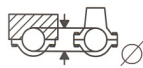


Engine Index: DETROIT DIESEL

Engine-Code	Years	Cyl	CC	Line
6V-53/N/T V6		6	5200	1
8V-53/N/T V8		8	7000	2

Engine-Code	Years	Cyl	CC	Line

Car Model Index: DETROIT DIESEL

Model	Engine	Years	Cyl	CC	Line

DETROIT DIESEL				DETROIT DIESEL			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
1	6V-53/N/T V6 Diesel, Turbo-Diesel	5200 cc	98.40 X 114.30	6 cyl			1
CR 137CP STD/010/020/030 <i>Same as CR6694CP, but packed in pairs.</i> CLE:CB- 674P(1) FMO:2615CPA	C6694A C6694B	1 Pair		2.7490/ 2.7500 69.825/ 69.850	3.0015/ 3.0025 76.238/ 76.264	1.1100 28.19	0.1252 3.180
CR6694CP CLE:CB- 674P(6) FMO:6-2615CPA	C6694A C6694B	6 Pairs		2.7490/ 2.7500 69.825/ 69.850	3.0015/ 3.0025 76.238/ 76.264	1.1100 28.19	0.1252 3.180
MB4022CP <i>Upper half - 7 oil holes</i> CLE:MS- 885P FMO:5079M/6635M	M4022U M4022L	4 Pairs		3.4990/ 3.5000 88.875/ 88.900	3.7510/ 3.7520 95.275/ 95.301	1.0050 25.53	0.1245 3.162
MB4024CP <i>Under Development Upper half- 1 oil hole</i> CLE:MS- 506P FMO:5066M	M4024U* M4024L*	4 Pairs		3.4990/ 3.5000 88.875/ 88.900	3.7510/ 3.7520 95.275/ 95.301	1.0050 25.53	0.1245 3.162

CR=Connecting Rod	MB=Main Bearing	CS = Camshaft	PB=Piston Bushing	TW=Thrust Washer
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DETROIT DIESEL				DETROIT DIESEL			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
2	8V-53/N/T V8 Diesel, Turbo-Diesel		7000 cc	98.40 X 114.30	8 cyl		2
CR 137CP _{STD/010/020/030} <i>Same as CR 879CP, but packed in pairs.</i> CLE:CB- 674P (1) FMO:2615CPA	C6694A C6694B	1 Pair		2.7490/ 2.7500 69.825/ 69.850	3.0015/ 3.0025 76.238/ 76.264	1.1100 28.19	0.1252 3.180
CR 879CP CLE:CB- 674 (8) FMO:8-2615CPA	C6694A C6694B	8 Pairs		2.7490/ 2.7500 69.825/ 69.850	3.0015/ 3.0025 76.238/ 76.264	1.1100 28.19	0.1252 3.180
MB 124CP <i>Under Development</i> <i>Upper half - 1 oil hole.</i> <i>Eng. require 5 sets</i> FMO:2616CP	M4024U* M4024L*	1 Pair		3.4990/ 3.5000 88.875/ 88.900	3.7510/ 3.7520 95.275/ 95.301	1.0050 25.53	0.1245 3.162
MB 140CP _{STD/010/020/030} <i>Upper half- 7 oil holes.</i> <i>Eng. require 5 sets.</i> FMO:2616CPA	M4022U M4022L	1 Pair		3.4990/ 3.5000 88.875/ 88.900	3.7510/ 3.7520 95.275/ 95.301	1.0050 25.53	0.1245 3.162

Engine Index: FERGUSON TRACTOR

Engine-Code	Years	Cyl	CC	Line
1849CC Diesel		4	1849	1
2088CC Diesel Low Grade Fuel		4	2088	1
20C Diesel		4	2092	2

Engine-Code	Years	Cyl	CC	Line
23C Diesel		4	2260	2

Car Model Index: FERGUSON TRACTOR

Model	Engine	Years	Cyl	CC	Line
FE 35	2088CC Diesel	1947-	4	2088	1
FE35, MF702 IND	23C Diesel	1956-73	4	2260	2
TEA Tractor	1849CC Diesel	1947-	4	1849	1

Model	Engine	Years	Cyl	CC	Line
TEF, TET 20 Tractors	20C Diesel	1951-56	4	2092	2

FERGUSON TRACTOR				FERGUSON TRACTOR			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	1849CC Diesel		1849 cc	80.00 X 92.00	4 cyl	TEA Tractor	1
	2088CC Diesel Low Grade Fuel & T.V.O. Fuel		2088 cc	85.00 X 91.99	4 cyl	FE 35	
CR 438AM _{STD/010/020/030/040/050/060} CLE:CB- 496AL (4) FMO:4-2295RA GLA:B4331SA GLY:01-4315/4 OEM:1810 083M91 VAN:VPR698	C 438	4 Pairs		2.0860/ 2.0866 52.984/ 53.000	2.2327/ 2.2335 56.711/ 56.731	0.9750 24.77	0.0724 1.839
MB 329AM _{STD/010/020/030/040/050/060} ACL:3M3284 CLE:MS- 726B FMO:5077M GLA:M3196M GLY:H1186/3 VAN:VPM418	M 329	3 Pairs		2.4790/ 2.4795 62.967/ 62.979	2.6255/ 2.6260 66.688/ 66.700	1.5000 38.10	0.0725 1.842
TW 237AM ACL:2T7062 FMO:1732BF GLA:W2004SA GLY:A269/4 OEM:825111M1	W 237D W 237E	2 Pairs		3.6800/ 2.6900 93.472/ 68.326	3.1820/ 3.1920 80.823/ 81.077	0.0000 0.00	0.0925 2.350

FERGUSON TRACTOR				FERGUSON TRACTOR				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
2	20C Diesel		2092 cc	80.98 X 101.60	4 cyl	TEF,TET 20 Tractors		
	23C Diesel		2260 cc	84.18 X 101.60	4 cyl	FE35, MF702 IND		
CR4036AM STD/010/020/030/040/050/060 8 top and bottom identical halves with one 3.2 mm center hole. CLE:CB- 799 (4) GLA:B4149LC	C4036	4 Pairs		2.3110/ 2.3115 58.699/ 58.712	2.4570/ 2.4575 62.408/ 62.421	1.0550 26.80	0.0719 1.826	
CR4037AM STD/010/020/030/040 4 top halves with one 5mm not center hole and oil groove (4.0 mm wide); 4 plain bottom halves. CLE:CB- 653AL (4) GLA:B4421LC OEM: 830 899M91	C4037U C4037L	4 Pairs		2.3110/ 2.3115 58.699/ 58.712	2.4570/ 2.4575 62.408/ 62.421	1.0600 26.92	0.0719 1.826	
MB3332AM STD/010/020/030/040/060 CLE:MS- 750P GLA:M3153LC VAN:VPM420	M3332	3 Pairs	1-2-3	2.7515/ 2.7520 69.888/ 69.901	2.9190/ 2.9195 74.143/ 74.155	1.5050 38.23	0.0825 2.096	

Engine Index: FIAT

Engine-Code	Years	Cyl	CC	Line
		0	0	8
		0	0	20
		0	0	11
		0	0	11
100D L4 47CI /0.8Liter, OHV, 8	-	4	767	1
156 A4.000 L4 47CI /0.8Liter,	03/1980-	4	769	4
141 B.000 L4 47CI /0.8Liter,	03/1980-	4	770	3
100 GB.000 L4 51CI /0.9Liter, 8	07/1964-	4	843	2
100 GF 000 L4 55CI /0.9Liter, 8	06/1971-	4	903	3
100 GL.000 L4 55CI /0.9Liter,	06/1971-	4	903	3
146 A.000 L4 55CI /0.9Liter,	03/1980-	4	903	3
100 GL.040 L4 55CI /0.9Liter,	07/1964-	4	903	2
146 A.1000 L4 55CI /0.9Liter,	01/1983-	4	903	2
A 112 B1.054 L4 59CI /1.0Liter, 8	03/1980-	4	965	3
141 C2.000 L4 61CI /1.0Liter,	03/1980-	4	999	4
156 A2.246 L4 61CI /1.0Liter,	03/1985-	4	999	4
127 A.000 L4 64CI /1.1Liter,	06/1971-	4	1049	3
127 A1.000 L4 64CI /1.1Liter,	06/1971-	4	1049	8
127 A6.000 L4 64CI /1.1Liter,	01/1978-	4	1049	8
156 A.000 L4 64CI /1.1Liter,	03/1985-	4	1049	8
156 C.046 L4 68CI /1.1Liter,	03/1985-	4	1108	4
160 A3.000 L4 68CI /1.1Liter,	01/1983-	4	1108	4
146 A6.000 L4 68CI /1.2Liter,	01/1986-	4	1116	8
146 A9.000 L4 68CI /1.2Liter,	01/1980-	4	1116	8
128 A.000 L4 68CI /1.2Liter,	06/1972-	4	1116	16
128 AC5.000 L4 68CI /1.2Liter,	03/1972-	4	1116	16
146 A4.048 L4 68CI /1.2Liter,	10/1982-	4	1116	16
146 C3.000 L4 68CI /1.2Liter,	10/1982-	4	1116	16
124 A.000 L4 73CI /1.2Liter,	07/1966-	4	1197	16
176 B4.000 L4 76CI /1.3Liter,	09/1993-	4	1242	5
178 E2.000 L4 76CI /1.3Liter,	04/1996-	4	1242	5
188 A4.000 L4 76CI /1.3Liter,	11/1995-	4	1242	5
169 A4.000 L4 76CI /1.3Liter,	09/2003-	4	1242	11
178 E2.000 L4 76CI /1.3Liter,	04/1996-	4	1242	11
182 B2.000 L4 76CI /1.3Liter,	10/1995-	4	1242	11
188 A4.000 L4 76CI /1.3Liter,	11/1995-	4	1242	11

Engine-Code	Years	Cyl	CC	Line
223 A5.000 L4 76CI /1.3Liter,	03/2001-	4	1242	11
188 A9.000 L4 76CI /1.3Liter,	10/2003-	4	1248	6
199 B2.000 L4 76CI /1.3Liter,	10/2005-	4	1248	6
223 A9.000 L4 76CI /1.3Liter,	06/1999-	4	1248	6
M733AT.12.Z		4	1248	7
116 L4 79CI /1.3Liter, OHV, 8	-	4	1295	13
131 B.000 L4 79CI /1.3Liter,	10/1974-	4	1297	14
127 A5.000 L4 79CI /1.3Liter,	06/1971-	4	1301	8
146 A5.000 L4 79CI /1.3Liter,	08/1991-	4	1301	8
156 A5.000 L4 79CI /1.3Liter, 8	03/1980-	4	1301	8
127 A3.000 L4 79CI /1.3Liter,	06/1971-	4	1301	14
138 A3.000 L4 79CI /1.3Liter,	01/1978-	4	1301	9
138 B2.000 L4 79CI /1.3Liter,	10/1982-	4	1301	9
146 A2.000 L4 79CI 8 Valves,	01/1983-	4	1301	9
149 A3.000 L4 79CI /1.3Liter,	01/1978-	4	1301	9
131 C1.000 L4 83CI /1.4Liter,	10/1974-	4	1367	14
146 B3.000 L4 83CI /1.4Liter, 8	01/1983-	4	1367	10
192 B2.000 L4 83CI /1.4Liter,	10/2004-	4	1368	11
198 A1.000 L4 83CI /1.4Liter,	09/2008-	4	1368	11
350 A1.000 L4 83CI /1.4Liter,	10/2003-	4	1368	11
843 A1.000 L4 83CI /1.4Liter,	09/1999-	4	1368	11
955 A2.000 L4 83CI /1.4Liter,	07/2008-	4	1368	11
955 A6.000 L4 83CI /1.4Liter,	10/2005-	4	1368	11
182 A3.000 L4 84CI /1.4Liter,	10/1995-	4	1370	12
146 A8.000 L4 84CI /1.4Liter,	01/1983-	4	1372	16
146 C1.000 L4 84CI /1.4Liter,	01/1983-	4	1372	16
146 C5.000 L4 84CI /1.4Liter,	07/1987-	4	1372	16
146 D5.000 L4 84CI /1.4Liter,	08/1991-	4	1372	16
176 B6.000 L4 84CI /1.4Liter,	09/1993-	4	1372	16
131 AZ 000 L4 88CI /1.5Liter,	09/1966-	4	1438	14
124 B2.000 L4 88CI /1.5Liter, 8	01/1985-	4	1438	16
115C L4 90CI /1.5Liter, OHV, 8	-	4	1481	13
138 A4.000 L4 91CI /1.6Liter,	10/1982-	4	1498	14
138 AS.000 L4 91CI /1.5Liter,	11/1972-	4	1499	16
138 C3.048 L4 91CI /1.5Liter,	01/1978-	4	1499	16
149 C1.000 L4 91CI /1.5Liter,	08/1991-	4	1499	16

Engine-Code	Years	Cyl	CC	Line
131 C2.000 L4 97CI /1.6Liter,	10/1974-	4	1585	14
138 AR.048 L4 97CI /1.6Liter,	10/1979-	4	1585	14
149 C2.046 L4 97CI /1.6Liter,	07/1987-	4	1585	14
124 B3.000 L4 97CI /1.6Liter,	10/1975-	4	1585	22
131 C3.000 L4 97CI /1.6Liter,	10/1974-	4	1585	22
132 C.000 L4 97CI /1.6Liter,	04/1972-	4	1585	22
132 AC.000 L4 97CI /1.6Liter,	01/1966-	4	1592	22
132 BB OA O L4 97CI /1.6Liter,	05/1975-	4	1592	22
182 B6.000 L4 97CI /1.6Liter,	07/1999-	4	1596	15
125 B.000 L4 98CI /1.6Liter, 8	07/1967-	4	1608	16
149 B2.000 L4 104CI /1.7Liter,	01/1980-	4	1697	22
149 B4.000 L4 104CI /1.7Liter,	01/1980-	4	1697	22
149 B3.000 L4 104CI /1.7Liter,	01/1980-	4	1698	22
176 B7.000 L4 104CI /1.7Liter,	09/1993-	4	1698	22
146 D7.000 L4 104CI /1.7Liter,	01/1988-	4	1698	20
176 A5.000 L4 104CI /1.7Liter,	09/1993-	4	1698	20
138 A5.000 L4 105CI /1.7Liter,	10/1982-	4	1714	17
138 B6.000 L4 105CI /1.7Liter,	01/1978-	4	1714	17
182 A2.000 L4 107CI /1.8Liter,	01/1989-	4	1747	18
188 A6.000 L4 107CI /1.8Liter,	03/1995-	4	1747	18
192 A4.000 L4 107CI /1.8Liter,	10/2001-	4	1747	18
160 A5.000 L4 107CI /1.8Liter,	07/1987-	4	1756	20
159 A4.000 L4 107CI /1.8Liter,	07/1987-	4	1756	24
159 A4.046 L4 107CI /1.8Liter,	07/1987-	4	1756	24
835 C2.000 L4 107CI /1.8Liter,	06/1993-	4	1756	24
132 AC1.000 L4 107CI /1.8Liter,	01/1966-	4	1759	22
169 B L4 110CI /1.8Liter, OHV, 8	01/1982-	4	1796	21
182 A7.000 L4 117CI /1.9Liter,	10/1995-	4	1910	18
182 A8.000 L4 117CI /1.9Liter,	10/1995-	4	1910	18
223 A6.000 L4 117CI /1.9Liter,	04/1996-	4	1910	18
182 B9.000 L4 117CI /1.9Liter,	10/1995-	4	1910	19
186 A6.000 L4 117CI /1.9Liter,	09/1996-	4	1910	19
192 A9.000 L4 117CI /1.9Liter,	10/2001-	4	1910	19
192 B1.000 L4 117CI /1.9Liter,	10/2001-	4	1910	19
199 A5.000 L4 117CI /1.9Liter,	10/2005-	4	1910	19
223 A7.000 L4 117CI /1.9Liter,	03/2001-	4	1910	19

Engine-Code	Years	Cyl	CC	Line
939 A2.000 L4 117CI /1.9Liter,	06/2005-	4	1910	19
149 A1.000 L4 118CI /2.0Liter,	09/1983-	4	1929	22
160 A7.000 L4 118CI /2.0Liter,	07/1987-	4	1929	22
831 D1.000 L4 118CI /2.0Liter,	09/1979-	4	1929	23
149 B5.046 L4 118CI /2.0Liter,	01/1983-	4	1929	20
160 A6.000 L4 118CI /2.0Liter,	12/1985-	4	1929	20
160 D1.000 L4 118CI /2.0Liter,	07/1987-	4	1929	20
230 A2.000 L4 118CI /2.0Liter,	03/1994-	4	1929	20
230 A4.000 L4 118CI /2.0Liter,	03/1994-	4	1929	20
280 A1.000 L4 118CI /2.0Liter,	01/1982-	4	1929	20
170 B L4 120CI /2.0Liter, OHV, 8	01/1982-	4	1971	21
131 C4.000 L4 122CI /2.0Liter,	04/1972-	4	1995	22
154 A2.000 L4 122CI /2.0Liter,	12/1985-	4	1995	23
154 A1.000 L4 122CI /2.0Liter,	12/1985-	4	1995	24
834 B.000 L4 122CI /2.0Liter, 8	11/1984-	4	1995	24
159 A6.046 L4 122CI /2.0Liter, 8	07/1987-	4	1995	25
175 A1.000 L4 122CI /2.0Liter,	11/1993-	4	1995	26
154 C3.000 L4 122CI /2.0Liter,	12/1985-	4	1995	27
154 E1.000 L4 122CI /2.0Liter,	12/1985-	4	1995	27
175 A3.000 L5 122CI /2.0Liter,	11/1993-	5	1998	28
182 B3.000 L5 122CI /2.0Liter,	11/1993-	5	1998	28
185 A8.000 L5 122CI /2.0Liter,	07/1999-	5	1998	28
P8C L4 127CI /2.1Liter,	06/1994-	4	2088	29
B22615 L4 133CI /2.2Liter, 8	11/1973-	4	2175	30
185 A2.000 L5 146CI /2.4Liter,	09/1996-	5	2387	31
939 A3.000 L5 146CI /2.4Liter,	06/2005-	5	2387	31
839 A5.000 L5 146CI /2.4Liter,	09/1996-	5	2397	31
8140.47 L4 153CI /2.5Liter,	03/1994-	4	2445	33
8140.47R L4 153CI /2.5Liter,	01/1978-	4	2445	33
8140.67 L4 153CI /2.5Liter,	03/1994-	4	2445	33
834 G.000 V6 152CI /2.5Liter,	12/1985-	6	2492	32
8144.67 L4 153CI /2.5Liter, 8	01/1982-	4	2499	33
CRD93L (U25-661) L4 153CI	01/1982-	4	2500	34

Car Model Index: FIAT

Model	Engine	Years	Cyl	CC	Line
1100 T Van	115C L4 90CI	1961-67	4	1481	13
1100 Van	116 L4 79CI	1961-67	4	1295	13
124 Berlina, Familiare	124 A.000 L4 73CI	1966-74	4	1197	16
124 Coupe 1600	125 B.000 L4 98CI	1969-72	4	1608	16
124 D Pamplona	124 A.000 L4 73CI	1979-80	4	1197	16
124 Special	124 B2.000 L4	1968-74	4	1438	16
125 Special, Berlina	125 B.000 L4 98CI	1968-72	4	1608	16
127	127 A5.000 L4	1981-	4	1301	8
127 C,CL,L	127 A1.000 L4	1977-	4	1049	8
127 Sport	127 A1.000 L4	1978-81	4	1049	8
127 Sport 1300	127 A3.000 L4	1981-	4	1301	14
127,L, Special	100 GL.000 L4	1971-	4	903	3
128 3P Coupe	128 AC5.000 L4	1975-78	4	1116	16
128 Rally	128 AC5.000 L4	1971-75	4	1116	16
128 Sport Coupe,L,	128 A.000 L4 68CI	1969-76	4	1116	16
1300, C	116 L4 79CI	1961-67	4	1295	13
131 Berlina Familiare	131 B.000 L4 79CI	1978-	4	1297	14
131 L, CL, Panorama	131 B.000 L4 79CI	1978-	4	1297	14
131 Supermirafiori	131 B.000 L4 79CI	1978-	4	1297	14
131,Supermirafiori	131 C1.000 L4	1981-	4	1367	14
131,Supermirafiori	131 C2.000 L4	1981-	4	1585	14
1500 C, TL, T5,	115C L4 90CI	1961-67	4	1481	13

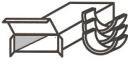







Model	Engine	Years	Cyl	CC	Line
238 E, Bn, Bs	131 AZ 000 L4		4	1438	14
238-241 Vans	124 A.000 L4 73CI	1968-74	4	1197	16
238B/B 1	124 B2.000 L4	1968-74	4	1438	16
242 E FL	CRD93L (U25-661)	1980-	4	2500	34
242 E, Van, Pick-up	CRD93L (U25-661)	1980-	4	2500	34
242/15,242/18	B22615 L4 133CI	1974-79	4	2175	30
242/18	B22615 L4 133CI	1975-	4	2175	30
850 Normal Familiar,	100 GB.000 L4	1964-71	4	843	2
850 Special	100 GL.000 L4	1971-	4	903	3
850 Special	100 GB.000 L4	1968-71	4	843	2
850 T Coupe,	100 GF 000 L4	1968-76	4	903	3
900 E/Panorama	100 GF 000 L4	1980-	4	903	3
BRAVA	182 B2.000 L4	12.98-	4	1242	11
BRAVO	182 B2.000 L4	12.98-	4	1242	11
BRAVO	192 B2.000 L4	04.07-	4	1368	11
Berlina, Panorama	127 A5.000 L4	1981-	4	1301	8
Brava / Bravo	182 A3.000 L4		4	1370	12
Bravo HGT 2.0 ie 20V	175 A3.000 L5		5	1998	28
Bravo HGT 2.0 ie 20V	185 A8.000 L5		5	1998	28
Bravo HGT 2.0 ie 20V	182 B3.000 L5		5	1998	28
Croma 1600 83HP	138 AR.048 L4	1985-	4	1585	14
Croma 2000 CHT 90HP	175 A1.000 L4	1985-	4	1995	26

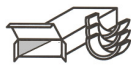




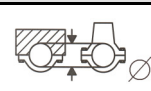


Model	Engine	Years	Cyl	CC	Line
Croma 2000 ie 120hp	154 A1.000 L4	1985-	4	1995	24
Croma 2000 ie 120hp	834 B.000 L4	1985-	4	1995	24
Croma 2500 V6	834 G.000 V6	06/93-	6	2492	32
DOBLO	223 A5.000 L4	03.01-	4	1242	11
DOBLO	843 A1.000 L4	02.10-	4	1368	11
DOBLO , TORK	182 B6.000 L4		4	1596	15
DOBLO 1.3 JDT	M733AT.12.Z	02.2004--	4	1248	7
DOBLO 1.3 MJ 16V	M733AT.12.Z	02.2004--	4	1248	7
DOBLO CARGO 1.3	M733AT.12.Z	02.2004--	4	1248	7
Doblo MJTD 16v	199 B2.000 L4		4	1248	6
Doblo TD 16v Multijet	188 A9.000 L4		4	1248	6
Ducato 10 1800	169 B L4 110CI		4	1796	21
Ducato 13 2000	170 B L4 120CI		4	1971	21
Duna	149 B3.000 L4	1987-	4	1698	22
Fiorino	146 A.000 L4 55CI	1977-78	4	903	3
Fiorino Pick-up	127 A5.000 L4	1982-	4	1301	8
Fiorino,Panorama, Pick-IDEA	127 A1.000 L4	1977-	4	1049	8
IDEA	843 A1.000 L4	01.04-	4	1368	11
IDEA 1.3 MJ 16V	M733AT.12.Z	12.2003--	4	1248	7
Idea TD 16v Multijet	188 A9.000 L4		4	1248	6
MAREA	182 B2.000 L4	10.98-	4	1242	11
Marea / Marea	182 A3.000 L4		4	1370	12
Marea 2.0 20V	175 A3.000 L5		5	1998	28
Marea 2.0 20V	185 A8.000 L5		5	1998	28
Marea 2.0 20V	182 B3.000 L5		5	1998	28
Marengo	149 A1.000 L4	1983-	4	1929	22
Marengo	160 A7.000 L4	1983-	4	1929	22
Nuovo Fiorino 1300	127 A5.000 L4	1989-	4	1301	8
Nuovo Fiorino 1697 DS	149 B3.000 L4	1988-	4	1698	22
PALIO	178 E2.000 L4	06..98-	4	1242	11
PALIO , SIENA ,	182 B6.000 L4		4	1596	15
PALIO Weekend	188 A4.000 L4	02.01-	4	1242	11
PANDA	188 A4.000 L4	09.03-	4	1242	11
PANDA BI-POWER \	188 A4.000 L4	01.07	4	1242	11
PANDA LPG	188 A4.000 L4	04.09-	4	1242	11
PANDA 1.3 MJ 16V	M733AT.12.Z	06.2004--	4	1248	7
PANDA 4*4	188 A4.000 L4	10.04	4	1242	11
PUNTO	188 A4.000 L4	09.03-	4	1242	11
PUNTO	188 A4.000 L4	09.99-	4	1242	11
PUNTO	843 A1.000 L4	09.03-	4	1368	11
PUNTO 1.3 MJ 16V	M733AT.12.Z	06.2003	4	1248	7
PUNTO Van	188 A4.000 L4	02.00-	4	1242	11
Palio 75 Weekend	188 A4.000 L4		4	1242	5
Panda 1000 4x4 Fire	141 C2.000 L4	1986-	4	999	4
Panda 1300	156 A5.000 L4	1986-	4	1301	8
Panda 45	146 A.000 L4 55CI	1980-	4	903	3
Panda 4x4	A 112 B1.054 L4	1983-	4	965	3
Panda 750 Young	141 B.000 L4 47CI	1987-	4	770	3
Panda 750-1000	156 A4.000 L4		4	769	4
Panda MJTD 16v	199 B2.000 L4		4	1248	6
Panda MJTD 16v	223 A9.000 L4		4	1248	6
Panda TD 16v Multijet	188 A9.000 L4		4	1248	6
Punto 60	176 B4.000 L4	o	4	1242	5
Punto 75	176 B4.000 L4		4	1242	5
Punto 85 (Sporting,	188 A4.000 L4		4	1242	5
Punto MJTD 16v	199 B2.000 L4		4	1248	6
Punto MJTD 16v	223 A9.000 L4		4	1248	6









Model	Engine	Years	Cyl	CC	Line
Regata 1600 105 CV	138 A4.000 L4	1985-	4	1498	14
Regata 70 Super R/86	149 A3.000 L4	1986-	4	1301	9
Regata 70/70S	138 A3.000 L4	1983-	4	1301	9
Regata DS 1714	138 B6.000 L4	1983-	4	1714	17
Regata DS 1714	138 A5.000 L4	1983-	4	1714	17
Regata DS 1929 R/86	149 A1.000 L4	1983-	4	1929	22
Regata DS 1929 R/86	160 A7.000 L4	1983-	4	1929	22
Regata ES	149 A3.000 L4	1983-	4	1301	9
Regate DS1697, DS	149 B3.000 L4	1988-	4	1698	22
Ritmo 1600	138 A4.000 L4	1985-	4	1498	14
Ritmo 60	127 A1.000 L4	1978-	4	1049	8
Ritmo 65, CL	138 B2.000 L4	1978-	4	1301	9
Ritmo 65L,CL	138 A3.000 L4	1978-	4	1301	9
Ritmo DS FL85	149 B3.000 L4	1985-	4	1698	22
Ritmo Super 75	138 B2.000 L4	1981-	4	1301	9
Ritmo Super 75	138 A3.000 L4	1981-	4	1301	9
Ritmo, Nuova Ritmo	138 B6.000 L4	1980-	4	1714	17
Ritmo, Nuova Ritmo	138 A5.000 L4	1980-	4	1714	17
Rustica 147 Brasile	127 A1.000 L4	1979-	4	1049	8
STILO	192 B2.000 L4	03.05-	4	1368	11
STILO	843 A1.000 L4	01.04-	4	1368	11
STRADA	188 A4.000 L4	04.03	4	1242	11
Tempra 1.8 ie SX	159 A4.000 L4	1990-	4	1756	24
Tempra 1.8 ie SX	835 C2.000 L4	1990-	4	1756	24
Tempra 1.8 ie SX	159 A4.046 L4	1990-	4	1756	24
Tempra 1.9	149 A1.000 L4	1990-	4	1929	22
Tempra 1.9	160 A7.000 L4	1990-	4	1929	22
Tempra 1.9 Turbo SX	149 B5.046 L4	1990-	4	1929	20
Tempra 1.9 Turbo SX	230 A2.000 L4	1990-	4	1929	20
Tempra 1.9 Turbo SX	160 D1.000 L4	1990-	4	1929	20
Tempra 1.9 Turbo SX	160 A6.000 L4	1990-	4	1929	20
Tempra 1.9 Turbo SX	280 A1.000 L4	1990-	4	1929	20
Tempra 1.9 Turbo SX	230 A4.000 L4	1990-	4	1929	20
Tipo 1.7 DGT	149 B3.000 L4	1987-	4	1698	22
Tipo 1.8 ie 16V	160 A5.000 L4	1989-	4	1756	20
Tipo 1100 Fire	160 A3.000 L4	1988-	4	1108	4
Ulysse	P8C L4 127CI		4	2088	29
Uno 45	100 GL.000 L4	1983-	4	903	3
Uno 45 Fire	141 C2.000 L4	1985-	4	999	4
Uno 60	146 A4.048 L4	1985-	4	1116	16
Uno 60	146 C3.000 L4	1985-	4	1116	16
Uno 70,SX	138 A3.000 L4	1983-	4	1301	9
Uno DS 1697 R/89	149 B2.000 L4	1988-	4	1697	22
Uno Diesel 1300	127 A5.000 L4	1985-	4	1301	8
Uno Selecta	146 A4.048 L4	1987-	4	1116	16
Uno Selecta	146 C3.000 L4	1987-	4	1116	16
Uno Turbo	146 A2.000 L4	1985-	4	1301	9
Uno Turbo 70HP	146 B3.000 L4	1986-	4	1367	10
X1/9	128 AC5.000 L4	1972-78	4	1116	16
X1/9	138 B2.000 L4	1972-78	4	1301	9
X1/9	138 A3.000 L4	1972-78	4	1301	9

FIAT






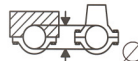


FIAT

							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	100D L4 47Cl /0.8Liter, OHV, 8 Valves, Gasoline	-	767 cc	62.00 X 63.50	4 cyl		1
CR 414AM STD/010/020/030/040/050 ACL:4B2806 CLE:CB- 790AL (4) FMO:4-3025RA GLA:B4462SA GLY:01-4139/4 VAN:VPR91205A	C 414	4 Pairs		1.5743/ 1.5751 39.987/ 40.008	1.7188/ 1.7193 43.658/ 43.670	0.6520 16.56	0.0715 1.816
MB 310AM STD/010/020/030/040/050 FMO:4314M GLA:M3320SA VAN:VPM885A	M 310/1	1 Pair	1	1.9996/ 2.0003 50.790/ 50.808	2.1460/ 2.1465 54.508/ 54.521	0.8120 20.62	0.0724 1.839
	M 310/2	1 Pair	2	1.9996/ 2.0003 50.790/ 50.808	2.1460/ 2.1465 54.508/ 54.521	0.8970 22.78	0.0724 1.839
	M 310/3	1 Pair	3	1.9996/ 2.0003 50.790/ 50.808	2.1460/ 2.1465 54.508/ 54.521	0.8120 20.62	0.0724 1.839
TW 254AM STD FMO:2847AF	W 254D W 254E	2 Pairs		2.1500/ 2.1600 54.610/ 54.864	2.7400/ 2.7500 69.596/ 69.850	0.0000 0.00	0.0930 2.362
2	100 GB.000 L4 51Cl /0.9Liter, 8 Valves, Gasoline	07/1964-10/1972	843 cc	65.00 X 63.60	4 cyl	850 Normal Familiar, Idromatic, 850 Special	2
	100 GL.040 L4 55Cl /0.9Liter, OHV, 8 Valves, Gasoline	07/1964-12/1972	903 cc	65.00 X 68.00	4 cyl		
	146 A.1000 L4 55Cl /0.9Liter, OHV, 8 Valves, Gasoline	01/1983-08/2000	903 cc	65.00 X 68.00	4 cyl		
CR 414AM STD/010/020/030/040/050 ACL:4B2806 CLE:CB- 790AL (4) FMO:4-3025RA GLA:B4462SA GLY:01-4139/4 VAN:VPR91205A	C 414	4 Pairs		1.5743/ 1.5751 39.987/ 40.008	1.7188/ 1.7193 43.658/ 43.670	0.6520 16.56	0.0715 1.816
MB 324AM 030 <i>Under Development</i> ACL:3M2805 CLE:MS-1406AL FMO:6483M GLA:M3397SA GLY:H1174/3 VAN:VPM91156A	M 324/1*	1 Pair	1	1.9996/ 2.0003 50.790/ 50.808	2.1460/ 2.1465 54.508/ 54.521	0.7330 18.62	0.0724 1.839
	M 324/2*	1 Pair	2	1.9996/ 2.0003 50.790/ 50.808	2.1460/ 2.1465 54.508/ 54.521	0.8970 22.78	0.0720 1.829
	M 324/3*	1 Pair	3	1.9996/ 2.0003 50.790/ 50.808	2.1460/ 2.1465 54.508/ 54.521	0.8120 20.62	0.0723 1.836
TW 104AM <i>Under Development</i> FMO:2897AF GLA:W2127SA GLY:A182/2 VAN:VPW34	W 104	1 Pair		2.1500/ 2.1600 54.610/ 54.864	2.7400/ 2.7500 69.596/ 69.850	0.0000 0.00	0.0920 2.337
3	141 B.000 L4 47Cl /0.8Liter, SOHC/OHC, 8 Valves, Gasoline	03/1980-07/2004	770 cc	65.00 X 58.00	4 cyl	Panda 750 Young	3
	146 A.000 L4 55Cl /0.9Liter, OHV, 8 Valves, Gasoline	03/1980-07/2004	903 cc	65.00 X 68.00	4 cyl	Fiorino, Panda 45	
	100 GF 000 L4 55Cl /0.9Liter, 8 Valves, Gasoline	06/1971-12/1986	903 cc	65.00 X 68.00	4 cyl	850 T Coupe, Spider, Sport Coupe, 900 E/Panorama	
	100 GL.000 L4 55Cl /0.9Liter, OHV, 8 Valves, Gasoline	06/1971-08/2000	903 cc	65.00 X 68.00	4 cyl	127,L, Special, 850 Special, Uno 45	
	A 112 B.1.054 L4 59Cl /1.0Liter, 8 Valves, Gasoline	03/1980-07/2004	965 cc	67.20 X 68.00	4 cyl	Panda 4x4	
	127 A.000 L4 64Cl /1.1Liter, SOHC/OHC, 8 Valves, Gasoline	06/1971-12/1995	1049 cc	76.00 X 57.80	4 cyl		
CR 414AM STD/010/020/030/040/050 ACL:4B2806 CLE:CB- 790AL (4) FMO:4-3025RA GLA:B4462SA GLY:01-4139/4 VAN:VPR91205A	C 414	4 Pairs		1.5743/ 1.5751 39.987/ 40.008	1.7188/ 1.7193 43.658/ 43.670	0.6520 16.56	0.0715 1.816
MB 324AM 030 <i>Under Development</i> ACL:3M2805 CLE:MS-1406AL FMO:6483M GLA:M3397SA GLY:H1174/3 VAN:VPM91156A	M 324/1*	1 Pair	1	1.9996/ 2.0003 50.790/ 50.808	2.1460/ 2.1465 54.508/ 54.521	0.7330 18.62	0.0724 1.839
	M 324/2*	1 Pair	2	1.9996/ 2.0003 50.790/ 50.808	2.1460/ 2.1465 54.508/ 54.521	0.8970 22.78	0.0720 1.829
	M 324/3*	1 Pair	3	1.9996/ 2.0003 50.790/ 50.808	2.1460/ 2.1465 54.508/ 54.521	0.8120 20.62	0.0723 1.836









FIAT				FIAT				
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
MB3306AM STD/010/020/030/040/050/060 ACL: 3M2807 FMO: 6371M GLA: M3387SA GLY: H1039/3 VAN: VPM91360A	M3306/1U	2 Pairs	1-3	1.9996/ 2.0002 50.790/ 50.805	2.1460/ 2.1465 54.508/ 54.521	0.8120 20.62	0.0724 1.839	
	M3306/2U	1 Pair	2	1.9996/ 2.0002 50.790/ 50.805	2.1460/ 2.1465 54.508/ 54.521	0.8970 22.78	0.0724 1.839	
TW 104AM <i>Under Development</i> FMO: 2897AF GLA: W2127SA GLY: A182/2 VAN: VPW34	W 104	1 Pair		2.1500/ 2.1600 54.610/ 54.864	2.7400/ 2.7500 69.596/ 69.850	0.0000 0.00	0.0920 2.337	
4	156 A4.000 L4 47CI /0.8Liter, SOHC/OHC, 8 Valves, Gasoline 141 C2.000 L4 61CI /1.0Liter, SOHC/OHC, 8 Valves, Gasoline 156 A2.246 L4 61CI /1.0Liter, SOHC/OHC, 8 Valves, Gasoline 160 A3.000 L4 68CI /1.1Liter, SOHC/OHC, 8 Valves, Gasoline 156 C.046 L4 68CI /1.1Liter, SOHC/OHC, 8 Valves, Gasoline	03/1980-07/2004 03/1980-07/2004 03/1985-12/1995 01/1983-09/2003 03/1985-12/1995	769 cc 999 cc 999 cc 1108 cc 1108 cc	65.00 X 58.00 70.00 X 64.90 70.00 X 64.90 70.00 X 72.00 70.00 X 72.00	4 cyl 4 cyl 4 cyl 4 cyl 4 cyl	Panda 750-1000 Panda 1000 4x4 Fire, Uno 45 Fire Tipo 1100 Fire	4	
CR4122AM STD/010/020/030/040/050/060 FMO: 4-1015RA GLA: B4681SA GLY: 01-4116/4 VAN: VPR91984A	C4122	4 Pairs		1.4956/ 1.4964 37.988/ 38.009	1.6192/ 1.6197 41.128/ 41.140	0.7480 19.00	0.0610 1.549	
MB5207AM STD/010/020/030/040 - 1992 Use 1 set MB5250AM (9 half bearings) and 1 set MB 134AM FMO: 6675M GLY: 6675M	M5207	4 Pairs	1-2-4-5	1.7315/ 1.7323 43.980/ 44.000	1.8781/ 1.8787 47.704/ 47.719	0.7480 19.00	0.0725 1.842	
	F5207 M5207	1 Pair	3	1.7315/ 1.7323 43.980/ 44.000	1.8781/ 1.8787 47.704/ 47.719	0.9378 23.82	0.0725 1.842	
MB5208AM STD/010/020/030/040 1992 - Use 1 set MB5250AM (9 half bearings) and 1 set MB 162AM	M5207	4 Pairs	1-2-4-5	1.7315/ 1.7323 43.980/ 44.000	1.8781/ 1.8787 47.704/ 47.719	0.7480 19.00	0.0725 1.842	
	F5208 M5207	1 Pair	3	1.7315/ 1.7323 43.980/ 44.000	1.8781/ 1.8787 47.704/ 47.719	0.9378 23.82	0.0725 1.842	
5	176 B4.000 L4 76CI /1.3Liter, SOHC/OHC, 8 Valves, Gasoline M609 .FA.12C - M609 .MA.12C - 188 A4.000 L4 76CI /1.3Liter, SOHC/OHC, 8 Valves, Gasoline 178 E2.000 L4 76CI /1.3Liter, SOHC/OHC, 8 Valves, Gasoline	09/1993-06/2000 11/1995-09/2003 04/1996-	1242 cc 1242 cc 1242 cc	70.80 X 78.90 70.80 X 78.90 70.80 X 78.90	4 cyl 4 cyl 4 cyl	Punto 60 1.2S/SX/Selesta/Cabri, Punto 75 1.2S/SX/ELX/SHD Palio 75 Weekend, Punto 85 (Sporting, Cabrio)	5	
CR4270AM STD/010/020/030/040 CLE: CB-1601 (4) FMO: 4-4275RA GLY: 4275RA OEM: 7648060 VAN: VPR92828	C4270	4 Pairs		1.6531/ 1.6539 41.989/ 42.009	1.7767/ 1.7772 45.128/ 45.141	0.7480 19.00	0.0610 1.549	
MB5447AM STD 10 regular shells. Goes with TW 198AM GLY: 4276RA OEM: 71731844 VAN: VPM05046A	M5297	5 Pairs	1-2-3-4-5	1.8890/ 1.8898 47.981/ 48.001	2.0356/ 2.0361 51.704/ 51.717	0.7480 19.00	0.0728 1.849	
MB5627AM Same as MB5297AM+MB1016AM GLY: H1092/5 VAN: VPM92833A+VPM92832A	M5297	4 Pairs	1-2-4-5	1.8890/ 1.8898 47.981/ 48.001	2.0356/ 2.0361 51.704/ 51.717	0.7480 19.00	0.0728 1.849	
	F1016 M5297	1 Pair	3	1.8890/ 1.8898 47.981/ 48.001	2.0356/ 2.0361 51.704/ 51.717	0.9417 23.92	0.0728 1.849	
MB5628AM Same as MB5297AM+MB1017AM VAN: VPM92834A+VPM92832A	M5297	4 Pairs	1-2-4-5	1.8890/ 1.8898 47.981/ 48.001	2.0356/ 2.0361 51.704/ 51.717	0.7480 19.00	0.0728 1.849	
	F1017 M5297	1 Pair	3	1.8890/ 1.8898 47.981/ 48.001	2.0356/ 2.0361 51.704/ 51.717	0.9510 24.16	0.0728 1.849	
TW 198AM STD <i>Under Development</i> Goes with MB5447AM.	W 198U W 198L	1 Pair		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.0000 0.000	






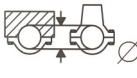


FIAT				FIAT			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
VAN:VPW02026A							
6	188 A9.000 L4 76Cl /1.3Liter, DOHC, 16 Valves, Diesel Turbocharge	10/2003-	1248 cc	69.60 X 82.00	4 cyl	Doblo TD 16v Multijet, Idea TD 16v Multijet, Panda TD 16v Multijet	6
	199 B2.000 L4 76Cl /1.3Liter, SOHC/OHC, 16 Valves, Diesel Turbocharge	10/2005-	1248 cc	69.60 X 82.00	4 cyl	Doblo MJTD 16v, Panda MJTD 16v, Punto MJTD 16v	
	223 A9.000 L4 76Cl /1.3Liter, DOHC, 16 Valves, Diesel	06/1999-	1248 cc	69.60 X 82.00	4 cyl	Panda MJTD 16v, Punto MJTD 16v	
CR4377CA STD/010/020/030/040 GLY:71-4033/4	C4377U C4377L	4 Pairs		1.6764/ 1.6772 42.581/ 42.601	1.8005/ 1.8009 45.733/ 45.743	0.7870 19.99	0.0610 1.549
MB5414SI STD GLY:H1011/5	M5414U M5414L	4 Pairs	1,2,4,5	2.0072/ 2.0079 50.983/ 51.001	2.1539/ 2.1544 54.709/ 54.722	0.7480 19.00	0.0726 1.844
	F5414 M5414U	1 Pair	3	2.0072/ 2.0079 50.983/ 51.001	2.1539/ 2.1544 54.709/ 54.722	0.9430 23.95	0.0726 1.844
7	M733AT.12.Z		1248 cc	69.60 X 82.00	4 cyl	DOBLO 1.3 JDT, DOBLO 1.3 MJ 16V, DOBLO CARGO 1.3 JDT, IDEA 1.3 MJ 16V, PANDA 1.3 MJ 16V, PUNTO 1.3 MJ 16V	7
CR4364CP OEM:71732995 VAN:VPR04524LA	C4377U	4 Pairs		1.6765/ 1.6772 42.583/ 42.601	1.8006/ 1.8009 45.735/ 45.743	0.7874 20.00	0.0614 1.560
MB5406SI OEM:71732990 VAN:VPM05055A	M5414U M5414L	5 Pairs	1,2,4,5	2.0072/ 2.0079 50.983/ 51.001	2.1539/ 2.1544 54.709/ 54.722	0.7480 19.00	0.0726 1.844
TW 197AM STD Under Development VAN:VPW01066A	W 197	1 Pair		2.2362/ 2.2441 56.799/ 57.000	2.8256/ 2.8354 71.770/ 72.019	0.0000 0.00	0.0929 2.360
8					0 cyl		8
	127 A1.000 L4 64Cl /1.1Liter, SOHC/OHC, 8 Valves, Gasoline	06/1971-12/1986	1049 cc	76.00 X 57.80	4 cyl	127 C,CL,L, 127 Sport, Fiorino,Panorama, Pick-up, Ritmo 60, Rustica 147 Brasile	
	127 A6.000 L4 64Cl /1.1Liter, OHV, 8 Valves, Gasoline	01/1978-05/1987	1049 cc	76.00 X 57.80	4 cyl		
	156 A.000 L4 64Cl /1.1Liter, SOHC/OHC, 8 Valves, Gasoline	03/1985-12/1995	1049 cc	76.00 X 57.80	4 cyl		
	146 A6.000 L4 68Cl /1.2Liter, SOHC/OHC, 8 Valves, Gasoline	01/1986-12/1991	1116 cc	80.00 X 55.50	4 cyl		
	146 A9.000 L4 68Cl /1.2Liter, SOHC/OHC, 8 Valves, Gasoline	01/1980-05/2001	1116 cc	80.00 X 55.50	4 cyl		
	127 A5.000 L4 79Cl /1.3Liter, SOHC/OHC, 8 Valves, Diesel	06/1971-08/2000	1301 cc	76.50 X 71.50	4 cyl	127, Berlina, Panorama, Fiorino Pick-up, Nuovo Fiorino 1300, Uno Diesel 1300	
	156 A5.000 L4 79Cl /1.3Liter, 8 Valves, Diesel	03/1980-07/2004	1301 cc	76.10 X 71.50	4 cyl	Panda 1300	
	146 A5.000 L4 79Cl /1.3Liter, SOHC/OHC, 8 Valves, Gasoline	08/1991-12/1996	1301 cc	86.40 X 55.50	4 cyl		
CR4483AM STD/010/020/030/040/050/060 FMO:4-68090RA GLA:B4604SA GLY:01-4207/4 VAN:VPR91734A	C4483	4 Pairs		1.7322/ 1.7326 43.998/ 44.008	1.8555/ 1.8560 47.130/ 47.142	0.7280 18.49	0.0607 1.542
MB 593AM STD/010/020/030/040/050/060 FMO:6818M GLA:M5382SA GLY:H1069/5 VAN:VPM91735A	M 593/1	4 Pairs	1-2-4-5	1.8976/ 1.8979 48.199/ 48.207	2.0441/ 2.0446 51.920/ 51.933	0.6950 17.65	0.0724 1.839
	M 593/3	1 Pair	3	1.8976/ 1.8979 48.199/ 48.207	2.0441/ 2.0446 51.920/ 51.933	0.9940 25.25	0.0724 1.839
TW 164AM	W 164	1 Pair		2.1346/ 2.1449 54.219/ 54.480	2.6374/ 2.6583 66.990/ 67.521	0.0000 0.00	0.0929 2.360









FIAT				FIAT				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
9	146 A2.000 L4 79CI 8 Valves, Gasoline Turbocharge	01/1983-08/2000	1301 cc	80.50 X 63.90	4 cyl	Uno Turbo	9	
	138 B2.000 L4 79CI /1.3Liter, SOHC/OHC, 8 Valves, Gasoline	10/1982-08/2000	1301 cc	86.40 X 55.50	4 cyl	Ritmo 65, CL, Ritmo Super 75, X1/9		
	138 A3.000 L4 79CI /1.3Liter, SOHC/OHC, 8 Valves, Gasoline	01/1978-05/1987	1301 cc	86.40 X 55.50	4 cyl	Regata 70/70S, Ritmo 65L,CL, Ritmo Super 75, Uno 70,SX, X1/9		
	149 A3.000 L4 79CI /1.3Liter, SOHC/OHC, 8 Valves, Gasoline	01/1978-08/2000	1301 cc	86.40 X 55.50	4 cyl	Regata 70 Super R/86, Regata ES		
CR4099CP 010/020/030/040 GLY: 71-4126/4	C4099	4 Pairs		1.7916/ 1.7924 45.507/ 45.527	1.9145/ 1.9152 48.628/ 48.646	0.7560 19.20	0.0607 1.542	
MB5549AM STD/010/020/030/040/050/060 ACL: 5M1442 CLE: MS-1476AL FMO: 6565M GLA: M5387SA GLY: H1028/5 VAN: VPM91931A	M5549/1	4 Pairs	1-2-4-5	1.9990/ 1.9998 50.775/ 50.795	2.1459/ 2.1465 54.506/ 54.521	0.7970 20.24	0.0724 1.839	
	M5549/3	1 Pair	3	1.9990/ 1.9998 50.775/ 50.795	2.1459/ 2.1465 54.506/ 54.521	0.8960 22.76	0.0724 1.839	
TW 105AM STD <i>Without inside lugs.</i> CLE: TW- 177S FMO: 60987AF GLA: W2164SA GLY: A197/2 VAN: VPW21	W 105	1 Pair		2.2280/ 2.2380 56.591/ 56.845	2.7400/ 2.7500 69.596/ 69.850	0.0000 0.00	0.0920 2.337	
TW1009AM STD <i>With inside lugs.</i> FMO: 60987AFA GLY: A198/2	W1009	1 Pair		2.2287/ 2.2387 56.609/ 56.863	2.7400/ 2.7500 69.596/ 69.850	0.0000 0.00	0.0930 2.362	
10	146 B3.000 L4 83CI /1.4Liter, 8 Valves, Diesel Turbocharge	01/1983-08/2000	1367 cc	78.00 X 71.50	4 cyl	Uno Turbo 70HP	10	
CR4232AM STD/010/020/030/040 CLE: CB-1294AL (4) FMO: 4-66315RA GLA: B4729SA GLY: 01-4176/4 VAN: VPR92190A	C4232	4 Pairs		1.8986/ 1.8994 48.224/ 48.245	2.0209/ 2.0215 51.331/ 51.346	0.7677 19.50	0.0603 1.532	
MB5037AM STD/010/020/030/040 CLE: MS-1556AL GLA: M5516SA GLY: 6691M OEM: 5882398 VAN: VPM92189A	M5037/1	4 Pairs	1,2,4,5	2.0862/ 2.0870 52.989/ 53.010	2.2330/ 2.2335 56.718/ 56.731	0.8169 20.75	0.0724 1.839	
	M5037/3	1 Pair	3	2.0862/ 2.0870 52.989/ 53.010	2.2330/ 2.2335 56.718/ 56.731	0.9547 24.25	0.0724 1.839	
TW 113AM STD/05 <i>SUPERSEDED BY TW 113AM</i> CLE: TW- 236S FMO: 62037AF GLA: W2248SA GLY: A201/2 OEM: 1901074 VAN: VPM95036	W 113	1 Pair		2.3228/ 2.3327 58.999/ 59.251	2.8976/ 2.9075 73.599/ 73.851	0.0000 0.00	0.0930 2.362	
11					0 cyl		11	
					0 cyl			
	178 E2.000 L4 76CI /1.3Liter, SOHC/OHC, 8 Valves, Gasoline	04/1996-	1242 cc	70.80 X 78.80	4 cyl	PALIO		
	169 A4.000 L4 76CI /1.3Liter, SOHC/OHC, 8 Valves, Gasoline	09/2003-	1242 cc	70.80 X 78.90	4 cyl			
	182 B2.000 L4 76CI /1.3Liter, DOHC, 16 Valves, Gasoline	10/1995-09/2003	1242 cc	70.80 X 78.90	4 cyl	BRAVA, BRAVO, MAREA		
	188 A4.000 L4 76CI /1.3Liter, SOHC/OHC, 8 Valves, Gasoline	11/1995-09/2003	1242 cc	70.80 X 78.90	4 cyl	PALIO Weekend, PANDA, PANDA BI-POWER \ NATURAL POWER, PANDA LPG, PANDA 4*4, PUNTO, PUNTO Van, STRADA		
	223 A5.000 L4 76CI /1.3Liter, SOHC/OHC, 8 Valves, Gasoline	03/2001-	1242 cc	70.80 X 78.90	4 cyl	DOBLO		
	192 B2.000 L4 83CI /1.4Liter, DOHC, 16 Valves, Gasoline	10/2004-	1368 cc	72.00 X 84.00	4 cyl	BRAVO, STILO		
	843 A1.000 L4 83CI /1.4Liter, DOHC, 16 Valves, Gasoline	09/1999-	1368 cc	72.00 X 84.00	4 cyl	DOBLO, IDEA, PUNTO, STILO		









FIAT				FIAT			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
198 A1.000 L4 83CI /1.4Liter, DOHC, 16 Valves, Gasoline Turbocharge	09/2008-	1368 cc	72.00 X 84.00	4 cyl			
350 A1.000 L4 83CI /1.4Liter, SOHC/OHC, 8 Valves, Gasoline	10/2003-	1368 cc	72.00 X 84.00	4 cyl			
955 A2.000 L4 83CI /1.4Liter, SOHC/OHC, 16 Valves, Gasoline	07/2008-	1368 cc	72.00 X 84.00	4 cyl			
955 A6.000 L4 83CI /1.4Liter, SOHC/OHC, 16 Valves, Gasoline	10/2005-	1368 cc	72.00 X 84.00	4 cyl			
CR4270AM STD/010/020/030/040 CLE:CB-1601(4) FMO:4-4275RA GLY:4275RA OEM:7648060 VAN:VPR92828	C4270	4 Pairs		1.6531/ 1.6539 41.989/ 42.009	1.7767/ 1.7772 45.128/ 45.141	0.7480 19.00	0.0610 1.549
MB5627AM GLY:H1092/5 VAN:VPM92833A+VPM92832A	M5297	4 Pairs	1-2-4-5	1.8890/ 1.8898 47.981/ 48.001	2.0356/ 2.0361 51.704/ 51.717	0.7480 19.00	0.0728 1.849
	F1016 M5297	1 Pair	3	1.8890/ 1.8898 47.981/ 48.001	2.0356/ 2.0361 51.704/ 51.717	0.9417 23.92	0.0728 1.849
12 182 A3.000 L4 84CI /1.4Liter, SOHC/OHC, 12 Valves, Gasoline	10/1995- 12/2002	1370 cc	82.00 X 64.80	4 cyl	Brava / Bravo, Marea / Marea Weekend 1.4		12
CR4178SI FMO:4-4400RA GLA:B4807SA GLY:01-4160/4 OEM:7574391(8) VAN:VPR92824A	C4178	4 Pairs		1.6091/ 1.6098 40.871/ 40.889	1.7323/ 1.7328 44.000/ 44.013	0.7520 19.10	0.0607 1.542
MB5036AM STD/010/020/030 FMO:7255M GLA:M5600SA GLY:H1096/5 OEM:71728316X8 71718258X2VAN:VPM92829A	M5036/1	4 Pairs	1,2,4,5	2.0859/ 2.0866 52.982/ 53.000	2.2325/ 2.2330 56.706/ 56.718	0.8169 20.75	0.0724 1.839
	M5036/3	1 Pair	3	2.0859/ 2.0866 52.982/ 53.000	2.2325/ 2.2330 56.706/ 56.718	0.8169 20.75	0.0724 1.839
TW 188AM GLY:4351AF OEM:71711760 VAN:VPM95315A	W 188	1 Pair		2.3153/ 2.3253 58.809/ 59.063	2.8931/ 2.9031 73.485/ 73.739	0.0000 0.00	0.0980 2.489
13 116 L4 79CI /1.3Liter, OHV, 8 Valves, Gasoline	-	1295 cc	72.00 X 79.50	4 cyl	1100 Van, 1300, C		13
115C L4 90CI /1.5Liter, OHV, 8 Valves, Gasoline	-	1481 cc	77.00 X 79.50	4 cyl	1100 T Van, 1500 C, TL, T5, Familiare		
CR 435AM STD/010/020/030/040/050/060 ACL:4B2571 CLE:CB- 715AL(4) FMO:4-60000RA GLA:B4393SA VAN:VPR91006A	C 435	4 Pairs		2.0859/ 2.0868 52.982/ 53.005	2.2330/ 2.2335 56.718/ 56.731	0.8350 21.21	0.0728 1.849
MB 325AM STD/010/020/030/040/050/060 CLE:MS- 951AL FMO:4282M GLA:M3366SA VAN:VPM91007A	M 325/1	1 Pair	1	2.4788/ 2.4796 62.962/ 62.982	2.6250/ 2.6255 66.675/ 66.688	1.0440 26.52	0.0722 1.834
	M 325/2	2 Pairs	2-3	2.4788/ 2.4796 62.962/ 62.982	2.6250/ 2.6255 66.675/ 66.688	1.1620 29.51	0.0722 1.834
TW 205AM <i>Under Development</i> CLE:TW- 136S FMO:65361BF GLA:W2152SA GLY:A031/4 VAN:VPM930	W 205D W 205E	2 Pairs		2.7150/ 2.7250 68.961/ 69.215	3.3700/ 3.3800 85.598/ 85.852	0.0000 0.00	0.0930 2.362
14 131 B.000 L4 79CI /1.3Liter, OHV, 8 Valves, Gasoline	10/1974- 12/1986	1297 cc	76.50 X 71.50	4 cyl	131 Berlina Familiare, 131 L, CL, Panorama, 131 Supermirafiori		14
127 A3.000 L4 79CI /1.3Liter, SOHC/OHC, 8 Valves, Gasoline	06/1971- 12/1986	1301 cc	76.10 X 71.50	4 cyl	127 Sport 1300		
131 C1.000 L4 83CI /1.4Liter, SOHC/OHC, 8 Valves, Gasoline	10/1974- 12/1986	1367 cc	78.00 X 71.50	4 cyl	131,Supermirafiori		
131 AZ 000 L4 88CI /1.5Liter, OHV, 8 Valves, Gasoline Turbocharge	09/1966- 06/1982	1438 cc	80.00 X 71.50	4 cyl	238 E, Bn, Bs		
138 A4.000 L4 91CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	10/1982- 06/1991	1498 cc	86.40 X 63.90	4 cyl	Regata 1600 105 CV, Ritmo 1600		

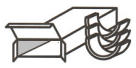




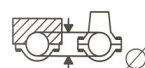


FIAT				FIAT				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
131 C2.000 L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	10/1974-12/1986	1585 cc	84.00 X 71.50	4 cyl	131, Supermirafiori			
138 AR.048 L4 97CI /1.6Liter, DOHC, 8 Valves, Gasoline	10/1979-07/1989	1585 cc	84.00 X 71.50	4 cyl	Croma 1600 83HP			
149 C2.046 L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	07/1987-04/1995	1585 cc	84.00 X 71.50	4 cyl				
CR4232AM STD/010/020/030/040 All 8 halves have three 2.0 mm oil holes: - two symmetrical holes at 16 degrees from the center line (or crown) - one hole at 40 degrees from the center line. CLE:CB-1294AL(4) FMO:4-66315RA GLA:B4729SA GLY:01-4176/4 VAN:VPR92190A	C4232	4 Pairs		1.8986/ 1.8994 48.224/ 48.245	2.0209/ 2.0215 51.331/ 51.346	0.7677 19.50	0.0603 1.532	
MB 526AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:5M1342 CLE:MS- 988AL FMO:6280M GLA:M5256SA GLY:H 901/5 K.S:87 757 600 VAN:VPM91317A	M 526	4 Pairs	1-2-3-4	2.2830/ 2.2835 57.988/ 58.001	2.4409/ 2.4415 61.999/ 62.014	0.8830 22.43	0.0781 1.984	
	F 526	1 Pair	5	2.2830/ 2.2835 57.988/ 58.001	2.4409/ 2.4415 61.999/ 62.014	1.0810 27.46	0.0781 1.984	
TW 113AM STD/.05 SUPERSEDED BY TW 113AM CLE:TW- 236S FMO:62037AF GLA:W2248SA GLY:A201/2 OEM:1901074 VAN:VPM95036	W 113	1 Pair		2.3228/ 2.3327 58.999/ 59.251	2.8976/ 2.9075 73.599/ 73.851	0.0000 0.00	0.0930 2.362	
15 182 B6.000 L4 97CI /1.6Liter, DOHC, 16 Valves, Gasoline	07/1999-	1596 cc	80.50 X 78.40	4 cyl	DOBLO , TORK MOTOR, PALIO , SIENA , MAREA , BRAVO		15	
CR4099AM STD/005/010/020/030/040/050/060 ACL:4B1441 CLE:CB-1332AL(4) FMO:4-60985RA GLA:B4600SA GLY:01-4127/4 VAN:VPR92187A	C4099	4 Pairs		1.7916/ 1.7924 45.507/ 45.527	1.9145/ 1.9152 48.628/ 48.646	0.7560 19.20	0.0607 1.542	
MB5439AM STD/010/020/030/040/050/060	M5549/1	4 Pairs		1.9990/ 1.9998 50.775/ 50.795	2.1459/ 2.1465 54.506/ 54.521	0.7970 20.24	0.0724 1.839	
	M5439/3	1 Pair		1.9990/ 1.9998 50.775/ 50.795	2.1459/ 2.1465 54.506/ 54.521	0.8880 22.56	0.0720 1.829	
TW1009AM STD FMO:60987AFA GLY:A198/2	W1009	1 Pair		2.2287/ 2.2387 56.609/ 56.863	2.7400/ 2.7500 69.596/ 69.850	0.0000 0.00	0.0930 2.362	
16 128 A.000 L4 68CI /1.2Liter, SOHC/OHC, 8 Valves, Gasoline	06/1972-12/1993	1116 cc	80.00 X 55.50	4 cyl	128 Sport Coupe,L, Special		16	
	146 A4.048 L4 68CI /1.2Liter, SOHC/OHC, 8 Valves, Gasoline	10/1982-08/2000	1116 cc	80.00 X 55.50	4 cyl	Uno 60, Uno Selecta		
	128 AC5.000 L4 68CI /1.2Liter, SOHC/OHC, 8 Valves, Gasoline	03/1972-02/1981	1116 cc	86.00 X 55.50	4 cyl	128 3P Coupe, 128 Rally, X1/9		
	146 C3.000 L4 68CI /1.2Liter, SOHC/OHC, 8 Valves, Gasoline	10/1982-08/2000	1116 cc	80.00 X 55.50	4 cyl	Uno 60, Uno Selecta		
	124 A.000 L4 73CI /1.2Liter, OHV, 8 Valves, Gasoline	07/1966-07/1975	1197 cc	73.00 X 71.50	4 cyl	124 Berlina, Familiare, 124 D Pamplona, 238-241 Vans		
	146 A8.000 L4 84CI /1.4Liter, SOHC/OHC, 8 Valves, Gasoline Turbocharge	01/1983-08/2000	1372 cc	80.50 X 67.40	4 cyl			
	146 C1.000 L4 84CI /1.4Liter, SOHC/OHC, 8 Valves, Gasoline	01/1983-08/2000	1372 cc	80.50 X 67.40	4 cyl			
	146 C5.000 L4 84CI /1.4Liter, SOHC/OHC, 8 Valves, Gasoline	07/1987-05/2001	1372 cc	80.50 X 67.40	4 cyl			
	146 D5.000 L4 84CI /1.4Liter, SOHC/OHC, 8 Valves, Gasoline	08/1991-09/1999	1372 cc	80.50 X 67.40	4 cyl			
	176 B6.000 L4 84CI /1.4Liter, SOHC/OHC, 8 Valves, Gasoline	09/1993-09/1999	1372 cc	80.50 X 67.40	4 cyl			

FIAT				FIAT			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
Turbocharge							
124 B2.000 L4 88CI /1.5Liter, 8 Valves, Gasoline	01/1985-	1438 cc	80.00 X 71.50	4 cyl	124 Special, 238B/B	1	
138 AS.000 L4 91CI /1.5Liter, SOHC/OHC, 8 Valves, Gasoline	11/1972-12/1989	1499 cc	86.40 X 63.90	4 cyl			
149 C1.000 L4 91CI /1.5Liter, SOHC/OHC, 8 Valves, Gasoline	08/1991-12/1996	1499 cc	86.40 X 63.90	4 cyl			
138 C3.048 L4 91CI /1.5Liter, SOHC/OHC, 8 Valves, Gasoline	01/1978-06/1991	1499 cc	86.40 X 63.90	4 cyl			
125 B.000 L4 98CI /1.6Liter, 8 Valves, Gasoline	07/1967-03/1974	1608 cc	80.00 X 80.00	4 cyl	124 Coupe 1600, 125 Special, Berlina		
CR4099AM STD/005/010/020/030/040/050/060 With three 2.0 mm oil holes: - two symmetrical holes at 16 degrees from the center line (or crown) - one center hole ACL: 4B1441 CLE: CB-1332AL (4) FMO: 4-60985RA GLA: B4600SA GLY: 01-4127/4 VAN: VPR92187A	C4099	4 Pairs		1.7916/ 1.7924 45.507/ 45.527	1.9145/ 1.9152 48.628/ 48.646	0.7560 19.20	0.0607 1.542
MB5549AM STD/010/020/030/040/050/060 ACL: 5M1442 CLE: MS-1476AL FMO: 6565M GLA: M5387SA GLY: H1028/5 VAN: VPM91931A	M5549/1	4 Pairs	1-2-4-5	1.9990/ 1.9998 50.775/ 50.795	2.1459/ 2.1465 54.506/ 54.521	0.7970 20.24	0.0724 1.839
	M5549/3	1 Pair	3	1.9990/ 1.9998 50.775/ 50.795	2.1459/ 2.1465 54.506/ 54.521	0.8960 22.76	0.0724 1.839
TW 105AM STD Without inside lugs. CLE: TW- 177S FMO: 60987AF GLA: W2164SA GLY: A197/2 VAN: VPM21	W 105	1 Pair		2.2280/ 2.2380 56.591/ 56.845	2.7400/ 2.7500 69.596/ 69.850	0.0000 0.00	0.0920 2.337
TW1009AM STD With inside lugs. FMO: 60987AFA GLY: A198/2	W1009	1 Pair		2.2287/ 2.2387 56.609/ 56.863	2.7400/ 2.7500 69.596/ 69.850	0.0000 0.00	0.0930 2.362
17	138 B6.000 L4 105CI /1.7Liter, SOHC/OHC, 8 Valves, Diesel	01/1978-05/1987	1714 cc	83.00 X 79.20	4 cyl	Regata DS 1714, Ritmo, Nuova Ritmo	17
	138 A5.000 L4 105CI /1.7Liter, SOHC/OHC, 8 Valves, Diesel	10/1982-12/1990	1714 cc	83.00 X 79.20	4 cyl	Regata DS 1714, Ritmo, Nuova Ritmo	
MB 562AM STD/010/020/030/040/050/060 ACL: 5M2826 CLE: MS-1145AL FMO: 6445M GLA: M5334SA VAN: VPM91662A	M 562/1	4 Pairs	1-3-4-5	2.0860/ 2.0868 52.984/ 53.005	2.2329/ 2.2338 56.716/ 56.739	0.8170 20.75	0.0722 1.834
	M 562/3	1 Pair	2	2.0860/ 2.0868 52.984/ 53.005	2.2329/ 2.2338 56.716/ 56.739	0.9550 24.26	0.0722 1.834
TW 113AM STD/05 SUPERSEDED BY TW 113AM CLE: TW- 236S FMO: 62037AF GLA: W2248SA GLY: A201/2 OEM: 1901074 VAN: VPM95036	W 113	1 Pair		2.3228/ 2.3327 58.999/ 59.251	2.8976/ 2.9075 73.599/ 73.851	0.0000 0.00	0.0930 2.362
18	182 A2.000 L4 107CI /1.8Liter, DOHC, 16 Valves, Gasoline	01/1989-09/1999	1747 cc	82.00 X 82.70	4 cyl		18
	188 A6.000 L4 107CI /1.8Liter, DOHC, 16 Valves, Gasoline	03/1995-	1747 cc	82.00 X 82.70	4 cyl		
	192 A4.000 L4 107CI /1.8Liter, DOHC, 16 Valves, Gasoline	10/2001-	1747 cc	82.00 X 82.70	4 cyl		
	182 A7.000 L4 117CI /1.9Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	10/1995-12/2002	1910 cc	82.00 X 90.40	4 cyl		
	182 A8.000 L4 117CI /1.9Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	10/1995-12/2002	1910 cc	82.00 X 90.40	4 cyl		
	223 A6.000 L4 117CI /1.9Liter, SOHC/OHC, 8 Valves, Diesel	04/1996-	1910 cc	82.00 X 90.40	4 cyl		









FIAT				FIAT				
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
CR4171AM STD/010/020 CLE:CB-1349AL(4) FMO:4-4350CP GLA:B4732SA GLY:4-4350CP OEM:7661575 VAN:VPR92825A	C4171	4 Pairs		1.9998/ 2.0003 50.795/ 50.808	2.1220/ 2.1226 53.899/ 53.914	0.7677 19.50	0.0606 1.539	
MB5036AM STD/010/020/030 FMO:7255M GLA:M5600SA GLY:H1096/5 OEM:71728316X8 71718258X2VAN:VPM92829A	M5036/1	4 Pairs	1,2,4,5	2.0859/ 2.0866 52.982/ 53.000	2.2325/ 2.2330 56.706/ 56.718	0.8169 20.75	0.0724 1.839	
	M5036/3	1 Pair	3	2.0859/ 2.0866 52.982/ 53.000	2.2325/ 2.2330 56.706/ 56.718	0.8169 20.75	0.0724 1.839	
TW 188AM GLY:4351AF OEM:71711760 VAN:VPW95315A	W 188	1 Pair		2.3153/ 2.3253 58.809/ 59.063	2.8931/ 2.9031 73.485/ 73.739	0.0000 0.00	0.0980 2.489	
19	192 B1.000 L4 117Cl /1.9Liter, DOHC, 16 Valves, Diesel Turbocharge 182B.4000	10/2001-	1910 cc	82.00 X 90.40	4 cyl		19	
	223 A7.000 L4 117Cl /1.9Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	03/2001-	1910 cc	82.00 X 90.40	4 cyl			
	939 A2.000 L4 117Cl /1.9Liter, DOHC, 16 Valves, Diesel Turbocharge	06/2005-	1910 cc	82.00 X 90.40	4 cyl			
	182 B9.000 L4 117Cl /1.9Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	10/1995- 12/2002	1910 cc	82.00 X 90.40	4 cyl			
	186 A6.000 L4 117Cl /1.9Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	09/1996-	1910 cc	82.00 X 90.40	4 cyl			
	192 A9.000 L4 117Cl /1.9Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	10/2001-	1910 cc	82.00 X 90.40	4 cyl			
	199 A5.000 L4 117Cl /1.9Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	10/2005-	1910 cc	82.00 X 90.40	4 cyl			
CR4531SX STD/010/020/030/040/050/060/.25/.5/ SUPERSEDED BY CR4531SX GLY:71-3994	C4171	4 Pairs	1-4	1.9995/ 2.0002 50.787/ 50.805	2.1221/ 2.1226 53.901/ 53.914	0.7677 19.50	0.0604 1.534	
MB5412SI STD/010/020/030/040/.25/.5/.75/1.0 SUPERSEDED BY MB5412SI FMO:7332M GLY:H1095/5 VAN:VPM05034A	M 607	5 Pairs		2.3615/ 2.3622 59.982/ 60.000	2.5081/ 2.5086 63.706/ 63.718	0.8130 20.65	0.0726 1.844	
TW1005AM STD GLY:A191/2 VAN:VPW02015A	W1005	1 Pair		2.6687/ 2.6787 67.785/ 68.039	3.2451/ 3.2550 82.426/ 82.677	0.0000 0.00	0.0978 2.484	
20	146 D7.000 L4 104Cl /1.7Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	01/1988- 05/2001	1698 cc	82.60 X 79.20	4 cyl		20	
	176 A5.000 L4 104Cl /1.7Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	09/1993- 02/2000	1698 cc	82.60 X 79.20	4 cyl			
	160 A5.000 L4 107Cl /1.8Liter, DOHC, 16 Valves, Gasoline	07/1987- 04/1995	1756 cc	84.00 X 79.20	4 cyl	Tipo 1.8 ie 16V		
	149 B5.046 L4 118Cl /2.0Liter, SOHC/OHC, 8 Valves, Diesel	01/1983- 08/2000	1929 cc	82.60 X 90.00	4 cyl	Tempra 1.9 Turbo SX		
	230 A2.000 L4 118Cl /2.0Liter, SOHC/OHC, 8 Valves, Diesel	03/1994- 04/2002	1929 cc	82.60 X 90.00	4 cyl	Tempra 1.9 Turbo SX		
	160 D1.000 L4 118Cl /2.0Liter, SOHC/OHC, 8 Valves, Diesel	07/1987- 09/1999	1929 cc	82.60 X 90.00	4 cyl	Tempra 1.9 Turbo SX		

FIAT				FIAT			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
Turbocharge							
160 A6.000 L4 118CI /2.0Liter, SOHC/OHC, 8 Valves, Diesel	12/1985-08/1997	1929 cc	82.60 X 90.00	4 cyl	Tempra 1.9 Turbo SX		
Turbocharge							
280 A1.000 L4 118CI /2.0Liter, SOHC/OHC, 8 Valves, Diesel	01/1982-05/1994	1929 cc	82.60 X 90.00	4 cyl	Tempra 1.9 Turbo SX		
Turbocharge							
230 A4.000 L4 118CI /2.0Liter, SOHC/OHC, 8 Valves, Diesel	03/1994-04/2002	1929 cc	82.60 X 90.00	4 cyl	Tempra 1.9 Turbo SX		
Turbocharge							
CR4171AM STD/010/020 CLE:CB-1349AL (4) FMO:4-4350CP GLA:B4732SA GLY:4-4350CP OEM:7661575 VAN:VPR92825A	C4171	4 Pairs		1.9998/ 2.0003 50.795/ 50.808	2.1220/ 2.1226 53.899/ 53.914	0.7677 19.50	0.0606 1.539
MB5037AM STD/010/020/030/040 CLE:MS-1556AL GLA:M5516SA GLY:6691M OEM:5882398 VAN:VPM92189A	M5037/1	4 Pairs	1,2,4,5	2.0862/ 2.0870 52.989/ 53.010	2.2330/ 2.2335 56.718/ 56.731	0.8169 20.75	0.0724 1.839
	M5037/3	1 Pair	3	2.0862/ 2.0870 52.989/ 53.010	2.2330/ 2.2335 56.718/ 56.731	0.9547 24.25	0.0724 1.839
TW 113AM STD/05 <i>SUPERSEDED BY TW 113AM</i> CLE:TW- 236S FMO:62037AF GLA:W2248SA GLY:A201/2 OEM:1901074 VAN:VPW95036	W 113	1 Pair		2.3228/ 2.3327 58.999/ 59.251	2.8976/ 2.9075 73.599/ 73.851	0.0000 0.00	0.0930 2.362
21	169 B L4 110CI /1.8Liter, OHV, 8 Valves, Gasoline	01/1982-08/1990	1796 cc	84.00 X 81.00	4 cyl	Ducato 10 1800	
	170 B L4 120CI /2.0Liter, OHV, 8 Valves, Gasoline	01/1982-05/1994	1971 cc	88.00 X 81.00	4 cyl	Ducato 13 2000	
CR 422AM STD/3/5/8/1.0/1.25/1.5 <i>Recommended maximum oversize is 0.30mm</i> ACL:4B7891 CLE:CB- 721AL (4) FMO:4-2865RA GLA:B4373SA GLY:01-4558/4 VAN:VPR847A	C 422	4 Pairs		1.9675/ 1.9681 49.975/ 49.990	2.1124/ 2.1131 53.655/ 53.673	0.9210 23.39	0.0717 1.821
MB 522AM STD/3/5/8/1.0/1.25/1.5 <i>For new Crankshaft, without filter plugs; from 11/1981.</i> FMO:6597M GLA:M5417SA GLY:H1241/5 VAN:VPM92434A	M 103/3U M 103/3L	1 Pair	3	2.2509/ 2.2515 57.173/ 57.188	2.4016/ 2.4023 61.001/ 61.018	1.1610 29.49	0.0746 1.895
	M 104/4U M 104/4L	1 Pair	4	2.1102/ 2.2112 53.599/ 56.164	2.3613/ 2.3620 59.977/ 59.995	0.8460 21.49	0.0746 1.895
	M 105/5U M 105/5L	1 Pair	5	2.1616/ 2.1622 54.905/ 54.920	2.3122/ 2.3130 58.730/ 58.750	1.1560 29.36	0.0746 1.895
	M 101/1U M 101/1L	1 Pair	1	2.3384/ 2.3390 59.395/ 59.411	2.4892/ 2.4900 63.226/ 63.246	1.1610 29.49	0.0746 1.895
	M 102/2U M 102/2L	1 Pair	2	2.3050/ 2.3060 58.547/ 58.572	2.4560/ 2.4568 62.382/ 62.403	0.8460 21.49	0.0746 1.895
TW 212AM STD/010/015/020/10/15/20 CLE:TW- 247S FMO:61904BF GLA:W2224L GLY:A199/4 VAN:VPW95035	W 212D W 212E	2 Pairs		2.4173/ 2.4272 61.399/ 61.651	2.8563/ 2.8661 72.550/ 72.799	0.0000 0.00	0.0929 2.360
22	124 B3.000 L4 97CI /1.6Liter, OHV, 8 Valves, Gasoline	10/1975-07/1982	1585 cc	84.00 X 71.50	4 cyl		
	132 C.000 L4 97CI /1.6Liter, DOHC, 8 Valves, Gasoline	04/1972-12/1982	1585 cc	84.00 X 71.50	4 cyl		
	131 C3.000 L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	10/1974-12/1986	1585 cc	84.00 X 71.50	4 cyl		
	132 AC.000 L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	01/1966-11/1985	1592 cc	80.00 X 79.20	4 cyl		
	132 BB OA O L4 97CI /1.6Liter, DOHC, 8 Valves, Gasoline	05/1975-12/1986	1592 cc	80.00 X 79.20	4 cyl		

FIAT				FIAT				
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
149 B2.000 L4 104Cl /1.7Liter, SOHC/OHC, 8 Valves, Diesel	01/1980-12/1988	1697 cc	82.60 X 79.20	4 cyl	Uno DS 1697 R/89 Diesel			
149 B4.000 L4 104Cl /1.7Liter, SOHC/OHC, 8 Valves, Diesel	01/1980-05/2001	1697 cc	82.60 X 79.20	4 cyl				
149 B3.000 L4 104Cl /1.7Liter, SOHC/OHC, 8 Valves, Diesel	01/1980-05/2001	1698 cc	82.60 X 79.20	4 cyl	Duna, Nuovo Fiorino 1697 DS, Regate DS1697, DS R/861697, Ritmo DS FL85, Tipo 1.7 DGT			
176 B7.000 L4 104Cl /1.7Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	09/1993-09/1999	1698 cc	82.60 X 79.20	4 cyl				
132 AC1.000 L4 107Cl /1.8Liter, SOHC/OHC, 8 Valves, Gasoline	01/1966-11/1985	1759 cc	84.00 X 79.20	4 cyl				
149 A1.000 L4 118Cl /2.0Liter, SOHC/OHC, 8 Valves, Diesel	09/1983-08/1997	1929 cc	82.60 X 90.00	4 cyl	Marengo, Regata DS 1929 R/86, Tempra 1.9			
160 A7.000 L4 118Cl /2.0Liter, SOHC/OHC, 8 Valves, Diesel	07/1987-12/2002	1929 cc	82.60 X 90.00	4 cyl	Marengo, Regata DS 1929 R/86, Tempra 1.9			
131 C4.000 L4 122Cl /2.0Liter, DOHC, 8 Valves, Gasoline	04/1972-12/1988	1995 cc	84.00 X 90.00	4 cyl				
CR4488AM STD/010/020/030/040/050 ACL: 4B2825 CLE: CB-1138AL (4) FMO: 4-66240RA GLA: B4906SA GLY: 01-4175/4 VAN: VPR91661A	C4488	4 Pairs		1.9990/ 2.0000 50.775/ 50.800	2.1219/ 2.1225 53.896/ 53.912	0.7670 19.48	0.0602 1.529	
MB 562AM STD/010/020/030/040/050/060 ACL: 5M2826 CLE: MS-1145AL FMO: 6445M GLA: M5334SA VAN: VPM91662A	M 562/1	4 Pairs	1-3-4-5	2.0860/ 2.0868 52.984/ 53.005	2.2329/ 2.2338 56.716/ 56.739	0.8170 20.75	0.0722 1.834	
	M 562/3	1 Pair	2	2.0860/ 2.0868 52.984/ 53.005	2.2329/ 2.2338 56.716/ 56.739	0.9550 24.26	0.0722 1.834	
TW 113AM STD/05 SUPERSEDED BY TW 113AM CLE: TW- 236S FMO: 62037AF GLA: W2248SA GLY: A201/2 OEM: 1901074 VAN: VPM95036	W 113	1 Pair		2.3228/ 2.3327 58.999/ 59.251	2.8976/ 2.9075 73.599/ 73.851	0.0000 0.00	0.0930 2.362	
23	831 D1.000 L4 118Cl /2.0Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	09/1979-01/1994	1929 cc	82.60 X 90.00	4 cyl	23		
	154 A2.000 L4 122Cl /2.0Liter, DOHC, 8 Valves, Gasoline Turbocharge	12/1985-12/1996	1995 cc	84.00 X 90.00	4 cyl			
CR4170AM STD/010/020/030/040 CLE: CB-1290AL (4) GLA: B4726SA GLY: 71-4118/4 OEM: 7546617 VAN: VPR91971A	C4170	4 Pairs		1.9998/ 2.0003 50.795/ 50.808	2.1220/ 2.1226 53.899/ 53.914	0.7677 19.50	0.0606 1.539	
MB5037AM STD/010/020/030/040 CLE: MS-1556AL GLA: M5516SA GLY: 6691M OEM: 5882398 VAN: VPM92189A	M5037/1	4 Pairs	1,2,4,5	2.0862/ 2.0870 52.989/ 53.010	2.2330/ 2.2335 56.718/ 56.731	0.8169 20.75	0.0724 1.839	
	M5037/3	1 Pair	3	2.0862/ 2.0870 52.989/ 53.010	2.2330/ 2.2335 56.718/ 56.731	0.9547 24.25	0.0724 1.839	
TW 113AM STD/05 SUPERSEDED BY TW 113AM CLE: TW- 236S FMO: 62037AF GLA: W2248SA GLY: A201/2 OEM: 1901074 VAN: VPM95036	W 113	1 Pair		2.3228/ 2.3327 58.999/ 59.251	2.8976/ 2.9075 73.599/ 73.851	0.0000 0.00	0.0930 2.362	
24	159 A4.000 L4 107Cl /1.8Liter, DOHC, 8 Valves, Gasoline	07/1987-08/1997	1756 cc	84.00 X 79.20	4 cyl	24		
	835 C2.000 L4 107Cl /1.8Liter, SOHC/OHC, 8 Valves, Gasoline	06/1993-09/1999	1756 cc	84.00 X 79.20	4 cyl	Tempra 1.8 ie SX		
	159 A4.046 L4 107Cl /1.8Liter, SOHC/OHC, 8 Valves, Gasoline	07/1987-08/1997	1756 cc	84.00 X 79.20	4 cyl	Tempra 1.8 ie SX		

FIAT				FIAT			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
154 A1.000 L4 122CI /2.0Liter, DOHC, 8 Valves, Gasoline Turbocharge	12/1985-12/1996	1995 cc	84.00 X 90.00	4 cyl	Croma 2000 ie 120hp		
834 B.000 L4 122CI /2.0Liter, 8 Valves, Gasoline	11/1984-07/1994	1995 cc	84.00 X 90.00	4 cyl	Croma 2000 ie 120hp		
CR4173AM STD/010/020/030 <i>Trimetal, aluminium plated.</i> CLE:CB-1291AL (4) FMO:4-1150CP GLA:B4727SA GLY:71-4120/4 VAN:VPR92195	C4173	4 Pairs		1.9997/ 2.0002 50.792/ 50.805	2.1217/ 2.1224 53.891/ 53.909	0.7677 19.50	0.0603 1.532
MB 562AM STD/010/020/030/040/050/060 ACL:5M2826 CLE:MS-1145AL FMO:6445M GLA:M5334SA VAN:VPM91662A	M 562/1	4 Pairs	1-3-4-5	2.0860/ 2.0868 52.984/ 53.005	2.2329/ 2.2338 56.716/ 56.739	0.8170 20.75	0.0722 1.834
	M 562/3	1 Pair	2	2.0860/ 2.0868 52.984/ 53.005	2.2329/ 2.2338 56.716/ 56.739	0.9550 24.26	0.0722 1.834
TW 113AM STD/.05 <i>SUPERSEDED BY TW 113AM</i> CLE:TW- 236S FMO:62037AF GLA:W2248SA GLY:A201/2 OEM:1901074 VAN:VPW95036	W 113	1 Pair		2.3228/ 2.3327 58.999/ 59.251	2.8976/ 2.9075 73.599/ 73.851	0.0000 0.00	0.0930 2.362
25	159 A6.046 L4 122CI /2.0Liter, 8 Valves, Gasoline	07/1987-08/1997	1995 cc	84.00 X 90.00	4 cyl		25
CR4170AM STD/010/020/030/040 CLE:CB-1290AL (4) GLA:B4726SA GLY:71-4118/4 OEM:7546617 VAN:VPR91971A	C4170	4 Pairs		1.9998/ 2.0003 50.795/ 50.808	2.1220/ 2.1226 53.899/ 53.914	0.7677 19.50	0.0606 1.539
MB 562AM STD/010/020/030/040/050/060 ACL:5M2826 CLE:MS-1145AL FMO:6445M GLA:M5334SA VAN:VPM91662A	M 562/1	4 Pairs	1-3-4-5	2.0860/ 2.0868 52.984/ 53.005	2.2329/ 2.2338 56.716/ 56.739	0.8170 20.75	0.0722 1.834
	M 562/3	1 Pair	2	2.0860/ 2.0868 52.984/ 53.005	2.2329/ 2.2338 56.716/ 56.739	0.9550 24.26	0.0722 1.834
TW 113AM STD/.05 <i>SUPERSEDED BY TW 113AM</i> CLE:TW- 236S FMO:62037AF GLA:W2248SA GLY:A201/2 OEM:1901074 VAN:VPW95036	W 113	1 Pair		2.3228/ 2.3327 58.999/ 59.251	2.8976/ 2.9075 73.599/ 73.851	0.0000 0.00	0.0930 2.362
26	175 A1.000 L4 122CI /2.0Liter, DOHC, 16 Valves, Gasoline Turbocharge	11/1993-08/2000	1995 cc	84.00 X 90.00	4 cyl	Croma 2000 CHT 90HP	
CR4531SX STD/010/020/030/040/050/060/.25/.5/ <i>SUPERSEDED BY CR4531SX</i> GLY:71-3994	C4171	4 Pairs	1-4	1.9995/ 2.0002 50.787/ 50.805	2.1221/ 2.1226 53.901/ 53.914	0.7677 19.50	0.0604 1.534
MB5037AM STD/010/020/030/040 CLE:MS-1556AL GLA:M5516SA GLY:6691M OEM:5882398 VAN:VPM92189A	M5037/1	4 Pairs	1,2,4,5	2.0862/ 2.0870 52.989/ 53.010	2.2330/ 2.2335 56.718/ 56.731	0.8169 20.75	0.0724 1.839
	M5037/3	1 Pair	3	2.0862/ 2.0870 52.989/ 53.010	2.2330/ 2.2335 56.718/ 56.731	0.9547 24.25	0.0724 1.839
TW 113AM STD/.05 <i>SUPERSEDED BY TW 113AM</i> CLE:TW- 236S FMO:62037AF GLA:W2248SA GLY:A201/2 OEM:1901074 VAN:VPW95036	W 113	1 Pair		2.3228/ 2.3327 58.999/ 59.251	2.8976/ 2.9075 73.599/ 73.851	0.0000 0.00	0.0930 2.362
27	154 C3.000 L4 122CI /2.0Liter, DOHC, 8 Valves, Gasoline	12/1985-12/1996	1995 cc	84.00 X 90.00	4 cyl		27
	154 E1.000 L4 122CI /2.0Liter, DOHC, 16 Valves, Gasoline	12/1985-09/1999	1995 cc	84.00 X 90.00	4 cyl		
CR4531SX STD/010/020/030/040/050/060/.25/.5/ <i>SUPERSEDED BY CR4531SX</i> GLY:71-3994	C4171	4 Pairs	1-4	1.9995/ 2.0002 50.787/ 50.805	2.1221/ 2.1226 53.901/ 53.914	0.7677 19.50	0.0604 1.534

FIAT				FIAT				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
MB 562AM STD/010/020/030/040/050/060 ACL: 5M2826 CLE: MS-1145AL FMO: 6445M GLA: M5334SA VAN: VPM91662A	M 562/1	4 Pairs	1-3-4-5	2.0860/ 2.0868 52.984/ 53.005	2.2329/ 2.2338 56.716/ 56.739	0.8170 20.75	0.0722 1.834	
	M 562/3	1 Pair	2	2.0860/ 2.0868 52.984/ 53.005	2.2329/ 2.2338 56.716/ 56.739	0.9550 24.26	0.0722 1.834	
TW 113AM STD.05 SUPERSEDED BY TW 113AM CLE: TW- 236S FMO: 62037AF GLA: W2248SA GLY: A201/2 OEM: 1901074 VAN: VPM95036	W 113	1 Pair		2.3228/ 2.3327 58.999/ 59.251	2.8976/ 2.9075 73.599/ 73.851	0.0000 0.00	0.0930 2.362	
28	175 A3.000 L5 122Cl /2.0Liter, DOHC, 20 Valves, Gasoline Turbocharge	11/1993- 10/2001	1998 cc	82.00 X 75.65	5 cyl	Bravo HGT 2.0 ie 20V, Marea 2.0 20V	28	
	185 A8.000 L5 122Cl /2.0Liter, DOHC, 20 Valves, Gasoline	07/1999-	1998 cc	82.00 X 75.65	5 cyl	Bravo HGT 2.0 ie 20V, Marea 2.0 20V		
	182 B3.000 L5 122Cl /2.0Liter, DOHC, 20 Valves, Gasoline	11/1993- 08/2000	1998 cc	82.00 X 75.65	5 cyl	Bravo HGT 2.0 ie 20V, Marea 2.0 20V		
CR 507AM STD/010/020/030/040/050/060 FMO: 5-4355CP GLY: 71-4209/5 OEM: 7780565 VAN: VPR92826	C 507	5 Pairs		1.8987/ 1.8994 48.227/ 48.245	2.0218/ 2.0223 51.354/ 51.366	0.7520 19.10	0.0609 1.547	
MB 607SI STD/010/020/030/040/050/060/.25/.5/ SUPERSEDED BY MB 607SI FMO: 7253M GLY: H1095/6 OEM: 7783243 VAN: VPM92831A	M 607	6 Pairs		2.3615/ 2.3622 59.982/ 60.000	2.5081/ 2.5086 63.706/ 63.718	0.8130 20.65	0.0726 1.844	
29	P8C L4 127Cl /2.1Liter, SOHC/OHC, 12 Valves, Diesel	06/1994- 08/2002	2088 cc	85.00 X 92.00	4 cyl	Ulysse	29	
CR4376CP VAN: VPR04047~	C4376/1 C4376/2	4 Pairs		1.9679/ 1.9685 49.985/ 50.000	2.1140/ 2.1145 53.696/ 53.708	0.8640 21.95	0.0720 1.829	
MB5129AM STD/.3/.5/.8/1.0 CLE: MS-1602AL FMO: 6610M GLA: M5419SA GLY: H1057/5 K.S: 77 098 608 OEM: 0113.92 VAN: VPM92001A	M5129U M5129L	5 Pairs		2.3614/ 2.3622 59.980/ 60.000	2.5091/ 2.5098 63.731/ 63.749	0.7630 19.38	0.0720 1.829	
TW 296AM <i>Under Development</i> FMO: 4141AF GLA: W2376L GLY: A188/4 VAN: VPM95264	W 296D W 296E	2 Pairs		2.6398/ 2.6496 67.051/ 67.300	3.2697/ 3.2795 83.050/ 83.299	0.0000 0.00	0.0724 1.839	
30	B22615 L4 133Cl /2.2Liter, 8 Valves, Diesel	11/1973- 01/1994	2175 cc	90.00 X 85.50	4 cyl	242/15,242/18, 242/18	30	
CR4080AM STD/.25/.5/.75/1.0/1.25 <i>Until 10/1986.</i> <i>4 halves with groove & 4 halves with hole</i> FMO: 4-66440RAA GLY: 4-66440RAA~	C4080 C4079	4 Pairs		2.1256/ 2.1262 53.990/ 54.005	2.2707/ 2.2715 57.676/ 57.696	0.9640 24.49	0.0720 1.829	
CR4140AM STD/.25/.5/.75/1.0/1.25 <i>4 half bearing shells with slots and one 3mm hole.</i> <i>4 plain half bearing shells with one 3mm hole at</i> <i>42 degrees from the centre line, and one 2mm</i> <i>hole at the crown.</i> CLE: CB-1340AL (4) FMO: 4-66715CPA GLA: B4641SA GLY: 01-4181/4 VAN: VPR91812A	C4140U C4140L	4 Pairs		2.1256/ 2.1262 53.990/ 54.005	2.2707/ 2.2715 57.676/ 57.696	0.8898 22.60	0.0720 1.829	
MB5133AM STD/.25/.5/.75/1.0 CLE: MS- 911B FMO: 6489M GLA: M5239SA GLY: H 887/5 VAN: VPM91652A	M5133	5 Pairs		2.5211/ 2.5217 64.036/ 64.051	2.7045/ 2.7049 68.694/ 68.704	1.1300 28.70	0.0910 2.311	
TW 245AM STD FMO: 60946BFA GLA: W2159L VAN: VPM95201	W 245D W 245E	2 Pairs		2.8543/ 2.8642 72.499/ 72.751	3.3799/ 3.3898 85.849/ 86.101	0.0000 0.00	0.1236 3.139	
31	185 A2.000 L5 146Cl /2.4Liter, SOHC/OHC, 10 Valves, Diesel Turbocharge	09/1996-	2387 cc	82.00 X 90.40	5 cyl		31	
	939 A3.000 L5 146Cl /2.4Liter, DOHC, 20 Valves, Diesel Turbocharge	06/2005-	2387 cc	82.00 X 90.40	5 cyl			

FIAT				FIAT			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
839 A5.000 L5 146CI /2.4Liter, SOHC/OHC, 10 Valves, Diesel Turbocharge	09/1996-	2397 cc	82.00 X 90.40	5 cyl			
CR 526SX STD/010/020/030/040/25/5/75/1.0 <i>SUPERSEDED BY CR 526SX</i> GLY: 71-3994 OEM: 7646454 (10) VAN: VPR92827A	C4171	5 Pairs	1-5	1.9995/ 2.0002 50.787/ 50.805	2.1221/ 2.1226 53.901/ 53.914	0.7677 19.50	0.0604 1.534
MB 607SI STD/010/020/030/040/050/060/25/5/ <i>SUPERSEDED BY MB 607SI</i> FMO: 7253M GLY: H1095/6 OEM: 7783243 VAN: VPM92831A	M 607	6 Pairs		2.3615/ 2.3622 59.982/ 60.000	2.5081/ 2.5086 63.706/ 63.718	0.8130 20.65	0.0726 1.844
TW1005AM STD GLY: A191/2 VAN: VPM02015A	W1005	1 Pair		2.6687/ 2.6787 67.785/ 68.039	3.2451/ 3.2550 82.426/ 82.677	0.0000 0.00	0.0978 2.484
32	834 G.000 V6 152CI /2.5Liter, SOHC/OHC, 12 Valves, Gasoline	12/1985- 12/1996	2492 cc	88.00 X 68.30	6 cyl	Croma 2500 V6	32
CR6809CP STD/010/020/030/040 GLA: B6624SA GLY: 6-4080CP OEM: 60513381 VAN: VPR92138A	C6809	6 Pairs		2.0465/ 2.0472 51.981/ 51.999	2.1855/ 2.1860 55.512/ 55.524	0.7520 19.10	0.0690 1.753
MB4101SI STD/010/020/030/040 GLA: M4275SA GLY: 7179M OEM: 60568882 VAN: VPM92139A	M4101	4 Pairs	1-4	2.3603/ 2.3611 59.952/ 59.972	2.5062/ 2.5069 63.657/ 63.675	0.8800 22.35	0.0720 1.829
33	8140.67 L4 153CI /2.5Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	03/1994- 04/2002	2445 cc	93.00 X 90.00	4 cyl		33
	8140.47 L4 153CI /2.5Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	03/1994- 04/2002	2445 cc	93.00 X 90.00	4 cyl		
	8140.47R L4 153CI /2.5Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	01/1978- 05/1999	2445 cc	93.00 X 90.00	4 cyl		
	8144.67 L4 153CI /2.5Liter, 8 Valves, Diesel	01/1982- 12/1996	2499 cc	93.00 X 92.00	4 cyl		
CR4073CP STD/010/020/030/040/050/060 <i>Central oil hole - 1982</i> CLE: CB-1149P (4) FMO: 4-66575CP GLA: B4721LB GLY: 71-4185/4 K.S: 77 155 600 OEM: 1901926 VAN: VPR91914	C4073U C4160L	4 Pairs		2.2252/ 2.2258 56.520/ 56.535	2.3753/ 2.3758 60.333/ 60.345	0.9724 24.70	0.0743 1.887
CR4083CP STD/010/020/030/040 <i>Plain halves 1982 -</i> CLE: CB-1163P (4) FMO: 4-1870CP GLA: B4122LB GLY: 71-4310/4 VAN: VPR91915	C4083U C4161L	4 Pairs		2.2252/ 2.2258 56.520/ 56.535	2.3753/ 2.3758 60.333/ 60.345	0.9724 24.70	0.0743 1.887
MB5122CP STD/010/020/030/040 CLE: MS-1451P FMO: 6564M GLA: M5389LB GLY: H1049/5 K.S: 77 154 600 VAN: VPM91664	M5122U M5122L	4 Pairs	1-2-3-4	2.9995/ 3.0000 76.187/ 76.200	3.1727/ 3.1735 80.587/ 80.607	0.9843 25.00	0.0860 2.184
	F5122U F5122L	1 Pair	5	2.9995/ 3.0000 76.187/ 76.200	3.1727/ 3.1735 80.587/ 80.607	1.2578 31.95	0.0860 2.184
34	CRD93L (U25-661) L4 153CI /2.5Liter, SOHC/OHC, 8 Valves, Diesel	01/1982- 08/1990	2500 cc	93.00 X 92.00	4 cyl	242 E FL, 242 E, Van, Pick- up	34
CR4140AM STD/.25/.5/.75/1.0/1.25 <i>4 half bearing shells with slots and one 3mm hole. 4 plain half bearing shells with one 3mm hole at 42 degrees from the centre line, and one 2mm hole at the crown.</i> CLE: CB-1340AL (4) FMO: 4-66715CPA GLA: B4641SA GLY: 01-4181/4 VAN: VPR91812A	C4140U C4140L	4 Pairs		2.1256/ 2.1262 53.990/ 54.005	2.2707/ 2.2715 57.676/ 57.696	0.8898 22.60	0.0720 1.829
MB5131AM STD/.25/.5/.75/1.0/1.25	M5131	5 Pairs		2.6392/ 2.6398	2.8226/ 2.8230	1.1201	0.0910

FIAT				FIAT				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
GLA:M5478SA VAN:VPM92153A	GLY:H1089/5			67.036/ 67.051	71.694/ 71.704	28.45	2.311	
TW 244AMsTD	W 244D W 244E	2 Pairs		2.9724/ 2.9823 75.499/ 75.750	3.4980/ 3.5079 88.849/ 89.101	0.0000 0.00	0.1236 3.139	
FMO:66716BF GLY:A213/4	GLA:W2353L VAN:VPW95144							

Engine Index: FIAT / ALLIS

Engine-Code	Years	Cyl	CC	Line
8035.01		3	2338	1
8035.02		3	2592	1
8045.01		4	3119	1
8045.02		4	3456	1
CN3		3	3700	2
C03/100/70/41/2		4	4941	3
CP3		6	7412	4

Engine-Code	Years	Cyl	CC	Line
8360.46.415R/TC	1991 -	6	7685	5
8365.05		6	8102	6
220		6	9161	7
8205.02		6	9819	7
8215.02		6	13798	8
8280.02		8	17174	9

Car Model Index: FIAT / ALLIS

Model	Engine	Years	Cyl	CC	Line
14,14b,ad14, Bd14	8205.02		6	9819	7
150/320 E 27R	8360.46.415R/TC		6	7685	5
180/190 E24	8360.46.415R/TC		6	7685	5
20, Pc	8215.02	1976-	6	13798	8
9, 10 Bulldozer	CP3		6	7412	4
Ad, Bd, 9, 10 Bulldozer	CP3		6	7412	4
Ad12, Bd12	220		6	9161	7
Ad14bexcavator & Earth	8205.02		6	9819	7
Ad18, Bd18	8215.02	1972-	6	13798	8
Ad18,bd18	8215.02	-1971	6	13798	8
Ad4 Bulldozer	8035.01		3	2338	1
Ad4 Bulldozer	8035.02		3	2592	1
Ad5 Bulldozer	CN3		3	3700	2
Bm 201 Dumper	8365.05		6	8102	6
Bm21 Dumper	8215.02	-1971	6	13798	8

Model	Engine	Years	Cyl	CC	Line
Bm25 Dumper	8280.02		8	17174	9
Bulldozer	220		6	9161	7
Bulldozer	8215.02	-1971	6	13798	8
Bulldozer	8215.02	1972-	6	13798	8
Fl 10, Fl 10b Excavator	CP3		6	7412	4
Fl 4c Excavator	8035.01		3	2338	1
Fl 6 Earth Moving	C03/100/70/41/2		4	4941	3
Fl14b, Pc14b, Pw14b,	8205.02		6	9819	7
Fl4d Excavator	8035.02		3	2592	1
Fr12c	8205.02		6	9819	7
L626MCS	8360.46.415R/TC		6	7685	5
Pl60 Excavato & Earth	8215.02	1976-	6	13798	8
Tl5 Excavator	8045.01		4	3119	1
Tl5 Excavator	8045.02		4	3456	1

FIAT / ALLIS				FIAT / ALLIS				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
1	8035.01			2338 cc	95.00 X 110.00	3 cyl	Ad4 Bulldozer, Fl 4c Excavator	
	8035.02			2592 cc	100.00 X 110.00	3 cyl	Ad4 Bulldozer, Fl4d Excavator	
	8045.01			3119 cc	95.00 X 110.00	4 cyl	Tl5 Excavator	

FIAT / ALLIS				FIAT / ALLIS				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
8045.02			3456 cc	100.00 X 110.00	4 cyl	T15 Excavator		
CR1209CP STD/010/020/030/040 CLE:CB-1155P(1) FMO:66630CP GLY:71-4229 VAN:VPR91809	C1209	1 Pair		2.3122/ 2.3127 58.730/ 58.743	2.4570/ 2.4575 62.408/ 62.421	1.1299 28.70	0.0720 1.829	
MB 172CP STD/010/020/030/040 <i>Upper half with full annular groove and slot, lower half plain.</i> FMO:66631CPA GLY:72-4547 OEM:1901803 VAN:VPM91810	M5122U M 172L	1 Pair		2.9995/ 3.0000 76.187/ 76.200	3.1727/ 3.1735 80.587/ 80.607	0.9843 25.00	0.0860 2.184	
TW 255AM CLE:TW- 334S FMO:60076AFF GLY:A193/4 VAN:VPW95076	W 255D W 255E	1 Pair		3.3500/ 3.3598 85.090/ 85.339	4.1988/ 4.2047 106.650/106.799	0.0000 0.00	0.1350 3.429	
2	CN3		3700 cc	110.00 X 130.00	3 cyl	Ad5 Bulldozer		2
CR 155CP STD/010/020/030/040/050 GLA:B1131LB GLY:71-4212 OEM:1901614 VAN:VPR91989	C4031	1 Pair		2.7505/ 2.7510 69.863/ 69.875	2.9020/ 2.9027 73.711/ 73.729	1.4370 36.50	0.0740 1.880	
CR 317CP <i>Same as CR 155CP, but pack in 3 Pairs.</i> FMO:3-60115CP	C4031	3 Pairs		2.7505/ 2.7510 69.863/ 69.875	2.9020/ 2.9027 73.711/ 73.729	1.4370 36.50	0.0740 1.880	
MB4019CP STD/010/020/030/040 FMO:6411M VAN:VPM91509	M5571/1	2 Pairs	1-4	3.0000/ 3.0007 76.200/ 76.218	3.1742/ 3.1750 80.625/ 80.645	1.5940 40.49	0.0860 2.184	
	M5571/2	2 Pairs	2-3	3.0000/ 3.0007 76.200/ 76.218	3.1742/ 3.1750 80.625/ 80.645	1.2000 30.48	0.0860 2.184	
TW 252AM FMO:60116AF GLA:W2265L GLY:60116AF VAN:VPW105	W 252D W 252E	1 Pair		3.2480/ 3.2539 82.499/ 82.649	4.0000/ 4.0098 101.600/101.849	0.0000 0.00	0.0930 2.362	
3	C03/100/70/41/2		4941 cc	110.00 X 130.00	4 cyl	Fl 6 Earth Moving		3
CR 155CP STD/010/020/030/040/050 GLA:B1131LB GLY:71-4212 OEM:1901614 VAN:VPR91989	C4031	1 Pair		2.7505/ 2.7510 69.863/ 69.875	2.9020/ 2.9027 73.711/ 73.729	1.4370 36.50	0.0740 1.880	
CR4031CP STD/010/020/030/040 <i>Same as CR 155CP, but pack in 4 Pairs.</i> FMO:4-60115CP GLA:B1131LB VAN:VPR352	C4031	4 Pairs		2.7505/ 2.7510 69.863/ 69.875	2.9020/ 2.9027 73.711/ 73.729	1.4370 36.50	0.0740 1.880	
MB5571CP STD/010/020/030/040 FMO:6560M GLA:M5344LB GLY:H1175/5 VAN:VPM91408	M5571/1	3 Pairs	1-3-5	3.0000/ 3.0007 76.200/ 76.218	3.1742/ 3.1750 80.625/ 80.645	1.5940 40.49	0.0860 2.184	
	M5571/2	2 Pairs	2-4	3.0000/ 3.0007 76.200/ 76.218	3.1742/ 3.1750 80.625/ 80.645	1.2000 30.48	0.0860 2.184	
4	CP3		7412 cc	110.00 X 130.00	6 cyl	9, 10 Bulldozer, Ad, Bd, 9, 10 Bulldozer, Fl 10, Fl 10b Excavator		4
CR 155CP STD/010/020/030/040/050 GLA:B1131LB GLY:71-4212 OEM:1901614 VAN:VPR91989	C4031	1 Pair		2.7505/ 2.7510 69.863/ 69.875	2.9020/ 2.9027 73.711/ 73.729	1.4370 36.50	0.0740 1.880	
CR6693CP STD <i>Same as CR 155CP, but pack in 6 Pairs.</i> FMO:6-60115CP	C4031	6 Pairs		2.7505/ 2.7510 69.863/ 69.875	2.9020/ 2.9027 73.711/ 73.729	1.4370 36.50	0.0740 1.880	
MB7007CP STD/010/020/030/040 FMO:6409M GLY:H1175/7 VAN:VPM91322	M5571/1	3 Pairs	1-4-7	3.0000/ 3.0007 76.200/ 76.218	3.1742/ 3.1750 80.625/ 80.645	1.5940 40.49	0.0860 2.184	
	M5571/2	4 Pairs	2-3-5-6	3.0000/ 3.0007 76.200/ 76.218	3.1742/ 3.1750 80.625/ 80.645	1.2000 30.48	0.0860 2.184	
5	8360.46.415R/TC	1991 -	7685 cc	112.00 X 130.00	6 cyl	150/320 E 27R Eurocargo, 180/190 E24, L626MCS		5
CR1215CP OEM:1905864 VAN:VPR92845	C1215	1 Pair		2.8534/ 2.8543 72.476/ 72.499	3.0196/ 3.0204 76.698/ 76.718	1.3752 34.93	0.0819 2.080	
MB7015CP <i>Under Development</i> OEM:1905859 VAN:VPM92839	M7015U/1 M7015L/1	4 Pairs		3.1408/ 3.1417 79.776/ 79.799	3.3151/ 3.3159 84.204/ 84.224	1.2791 32.49	0.0859 2.182	
				3.1408/ 3.1417	3.3151/ 3.3159	1.2893	0.0859	

FIAT / ALLIS				FIAT / ALLIS				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
	M7015U/2 M7015L/2	1 Pair		79.776/ 79.799	84.204/ 84.224	32.75	2.182	
	M7015U/3 M7015L/3	2 Pairs		3.1408/ 3.1417 79.776/ 79.799	3.3151/ 3.3159 84.204/ 84.224	1.6728 42.49	0.0859 2.182	
6	8365.05		8102 cc	115.00 X 130.00	6 cyl	Bm 201 Dumper		6
CR1213CP - 1982 CLE:CB-1187P (1) GLA:B1132LB GLY:71-4227 OEM:1901619 VAN:VPR91974	C1213	1 Pair		2.8536/ 2.8543 72.481/ 72.499	3.0195/ 3.0202 76.695/ 76.713	1.3752 34.93	0.0815 2.070	
CR1214CP 1982- CLE:CB-1174P (1) GLA:B1133LB GLY:71-4390 OEM:1901993 VAN:VPR91988	C1214	1 Pair		2.8536/ 2.8543 72.481/ 72.499	3.0195/ 3.0202 76.695/ 76.713	1.3752 34.93	0.0810 2.057	
MB7742CP STD/010/020/030 GLA:M7436LB GLY:H1048/7 OEM:1901832 VAN:VPM91859	M7742/1U M7742/1L	3 Pairs	1-4-7	3.1410/ 3.1417 79.781/ 79.799	3.3152/ 3.3160 84.206/ 84.226	1.6732 42.50	0.0860 2.184	
	M7742/2U M7742/2L	4 Pairs	2-3-5-6	3.1410/ 3.1417 79.781/ 79.799	3.3152/ 3.3160 84.206/ 84.226	1.2795 32.50	0.0860 2.184	
TW 235AM FMO:1011BF GLY:A169/4 VAN:VPW95075	W 235D W 235E	2 Pairs		3.4555/ 3.4657 87.770/ 88.029	4.3902/ 4.4002 111.511/111.765	0.0000 0.00	0.1346 3.419	
7	220		9161 cc	120.00 X 135.00	6 cyl	Ad12, Bd12, Bulldozer		7
	8205.02		9819 cc	122.00 X 140.00	6 cyl	14,14b,ad14, Bd14, Ad14bexcavator & Earth Moving, Fl14b, Pc14b, Pw14b, Pl40, Fr12c		
CR1319CP STD/010/020/030/040 1 pair version of CR6763CP GLY:66515CP (1)	C6763	1 Pair		2.9508/ 2.9516 74.950/ 74.971	3.0986/ 3.0993 78.704/ 78.722	1.3346 33.90	0.0720 1.829	
CR6763CP GLA:B6523LB GLY:6-66515CP VAN:VPR91738	C6763	6 Pairs		2.9508/ 2.9516 74.950/ 74.971	3.0986/ 3.0993 78.704/ 78.722	1.3346 33.90	0.0720 1.829	
MB7088CP Under Development GLA:M7252LB GLY:H1179/7 VAN:VPM91739	M7088/1U* M7088/1L*	1 Pair	1	3.6245/ 3.6255 92.062/ 92.088	3.8025/ 3.8030 96.584/ 96.596	1.4701 37.34	0.0862 2.189	
	M7088/2U* M7088/2L*	4 Pairs	2-3-5-6	3.6245/ 3.6255 92.062/ 92.088	3.8025/ 3.8030 96.584/ 96.596	1.2898 32.76	0.0862 2.189	
	M7088/4U* M7088/4L*	1 Pair	4	3.6245/ 3.6255 92.062/ 92.088	3.8025/ 3.8030 96.584/ 96.596	2.3398 59.43	0.0862 2.189	
	M7088/7U* M7088/1L*	1 Pair	7	3.6245/ 3.6255 92.062/ 92.088	3.8025/ 3.8030 96.584/ 96.596	1.4701 37.34	0.0862 2.189	
TW 240CP VAN:VPW95033								
8	8215.02		13798 cc	137.00 X 156.00	6 cyl	20, Pc, Ad18, Bd18, Ad18,bd18, Bm21 Dumper, Bulldozer, Bulldozer, Pl60 Excavato & Earth Moving		8
CR6633CP STD/010/020/030 -184187 With oil hole. CLE:CB-1195P (6) FMO:6-66520CP GLA:B6607LB GLY:71-4385/6 VAN:VPR91740	C6633	6 Pairs		3.3351/ 3.3360 84.712/ 84.734	3.4835/ 3.4844 88.481/ 88.504	1.6240 41.25	0.0720 1.829	
CR6721CP STD/010/020 184187 - Plain halves. CLE:CB-1337P (6) FMO:6-1675CP GLA:B6626LB GLY:71-4215/6 VAN:VPR91970	C6721	6 Pairs		3.3351/ 3.3360 84.712/ 84.734	3.4835/ 3.4844 88.481/ 88.504	1.5846 40.25	0.0720 1.829	

FIAT / ALLIS				FIAT / ALLIS			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
MB 791CP STD/010/020/030 FMO:6549M GLY:H1047/7 VAN:VPM91741	M 791/4U M 791/4L	1 Pair	4	4.0503/ 4.0512 102.878/102.900	4.2510/ 4.2520 107.975/108.001	2.1250 53.98	0.0982 2.494
	M 791/2U M 791/2L	4 Pairs	2-3-5-6	4.0503/ 4.0512 102.878/102.900	4.2510/ 4.2520 107.975/108.001	1.3710 34.82	0.0982 2.494
	M 791/7U M 791/1L	1 Pair	7	4.0503/ 4.0512 102.878/102.900	4.2510/ 4.2520 107.975/108.001	1.4730 37.41	0.0982 2.494
	M 791/1U M 791/1L	1 Pair	1	4.0503/ 4.0512 102.878/102.900	4.2510/ 4.2520 107.975/108.001	1.4730 37.41	0.0982 2.494
9	8280.02	17174 cc	145.00 X 130.00	8 cyl	Bm25 Dumper		9
CR1210CP Under Development -060538 FMO:66495CP VAN:VPR91972	CR 860*	1 Pair		3.6582/ 3.6591 92.918/ 92.941	3.8563/ 3.8572 97.950/ 97.973	1.3689 34.77	0.0972 2.469
CR1211CP Under Development 060539-076964 1983- GLA:B1126 VAN:VPR91983	CR 876	1 Pair		3.7094/ 3.7103 94.219/ 94.242	3.8563/ 3.8572 97.950/ 97.973	1.3295 33.77	0.0716 1.819
CR1212CP 076965- GLA:B1149 GLY:71-4108 VAN:VPR92328	C 877	1 Pair		3.7094/ 3.7103 94.219/ 94.242	3.8563/ 3.8572 97.950/ 97.973	1.3295 33.77	0.0716 1.819
MB 177CP Under Development GLA:M1091LB VAN:VPM91987	M5015U* M5015L*	1 Pair		4.3293/ 4.3301 109.964/109.985	4.6457/ 4.6465 118.001/118.021	1.5965 40.55	0.1560 3.962
MB 178CP GLA:M1095LB GLY:72-4548 VAN:VPM91980	M5016U M5016L	1 Pair		4.4478/ 4.4486 112.974/112.994	4.6457/ 4.6465 118.001/118.021	1.5965 40.55	0.0972 2.469

Engine Index: FIAT IVECO

Engine-Code	Years	Cyl	CC	Line
		0	0	31
F1AE0481C		4	2286	1
F1AE0481D		4	2286	1
F1AE0481A		4	2287	1
F1AE0481B		4	2287	1
F1AE0481FA		0	2287	1
F1AE0481GA		4	2287	1
F1AE0481HA		4	2287	1
803.A000 Diesel		3	2339	2
8140.61 Diesel		4	2445	3
8141.21.200 Diesel, Sofim Turbo		4	2445	4
8030.2 Diesel		3	2592	7
853A Diesel		3	2600	7
230A.000 Diesel		4	2693	5
8140.23	1996 -	4	2800	6
8140.63		4	2800	6
804A.401 D Diesel		4	3117	7
8040.02 Diesel		4	3455	7
8040.05 Diesel		4	3611	14
8040.04 Diesel		4	3666	13
8040.06 Diesel		4	3900	14

Engine-Code	Years	Cyl	CC	Line
8040 LTC/TC/TCA Diesel		4	3908	8
C03/020/021/041 Diesel		4	4562	9
8340.04/R.001 Diesel		4	4570	12
806.A/8060.01 D Diesel		6	4678	10
213.000 Diesel		6	4678	11
8065/8060.11/12 Diesel		6	5181	13
8060.02 Diesel		6	5184	13
8060.05 Diesel		6	5400	14
8340.05 Diesel		4	5401	12
8062.24/8060.04 Diesel		6	5499	13
8060.06		6	5900	14
604		4	6546	15
8360.04 Diesel		6	6850	17
8361.04 Diesel		6	6850	17
604		4	6872	15
CP3 Diesel		6	7409	16
8360.05 Diesel		6	8102	17
8361.05 Diesel		6	8102	17
8360.03 Diesel		6	8102	18
220/H/8200.11 Diesel	1970 -	5	9161	20
8460.21 Diesel		6	9500	24

Engine-Code	Years	Cyl	CC	Line
8220.02 Diesel		6	9572	19
8220.12 Diesel		6	9572	19
8220.22 Diesel Turbocharged		6	9572	19
8200.02/12 D Diesel	1970 -	6	9819	20
8200.03/13 Diesel	1970 -	6	10308	20
203/H Diesel		6	10676	21
203/A/61- 203H/61		6	11549	21
8260.02 Diesel		6	12900	22
8260.02	- 1983	5	12900	31
8260.02	1983 -	5	12900	23
8460.41 Diesel		6	13790	24
8210.02/12/22 Diesel		6	13798	25

Engine-Code	Years	Cyl	CC	Line
8210.22 Diesel		6	13798	25
8210.42 Diesel		6	13798	26
8280.02 Diesel V8		8	17174	27
8280.22 Diesel V8		8	17174	28
8280.42 VB D Diesel		8	17174	29
330.35PT		5	17174	30
8280.02		5	17174	30
8281		5	17174	30
8280.01,02	1975 -	5	17174	31
8281 103, M32	1975 -	5	17174	31

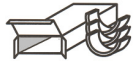




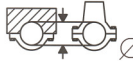


Car Model Index: FIAT IVECO









Model	Engine	Years	Cyl	CC	Line
100 E 15 Eurocargo	8040 LTC/TC/TCA		4	3908	8
100 E 18 Eurocargo	8040 LTC/TC/TCA		4	3908	8
100 E 21	8040 LTC/TC/TCA		4	3908	8
110.14, 120.14, 129.14,	8360.04 Diesel		6	6850	17
110F, Bus	8062.24/8060.04		6	5499	13
115.17	8062.24/8060.04		6	5499	13
130 NC, NT, NR, AI	CP3 Diesel	1974-	6	7409	16
130 NC20,150	8220.02 Diesel	1978-	6	9572	19
150 NC 17	8360.05 Diesel		6	8102	17
150 NC 17	8360.03 Diesel		6	8102	18
150 NC, NR, NT	8360.05 Diesel		6	8102	17
159 NC 17	8360.05 Diesel		6	8102	17
159 NC 17	8360.03 Diesel		6	8102	18
159 NC20,159.20	8220.02 Diesel	1978-	6	9572	19
160 NC/NT/R	8200.03/13 Diesel		6	10308	20
160.26	8210.02/12/22	1977-	6	13798	25
165.24 R Turbo180.24	8220.22 Diesel	1978-	6	9572	19
170 NC20, 190 NC20,	8220.02 Diesel	1978-	6	9572	19
170.26, 170	8210.02/12/22	1977-	6	13798	25
170.33, 19.33	8280.01,02		5	17174	31
170NC.370. 35S.Bus	8280.01,02		5	17174	31
170NC.35, 170.NT.35	8280.02 Diesel V8		8	17174	27
170NC35	8280.02		5	17174	30
170NT35	8280.02		5	17174	30
175.24	8460.21 Diesel		6	9500	24
180 N/NC/NT, 180.26,	8210.02/12/22	1977-	6	13798	25
190.20, 190 PAC20	8220.02 Diesel	1978	6	9572	19
190.24 TRU,190.26	8460.21 Diesel		6	9500	24
190.26, 190.26T,	8210.02/12/22	1977-	6	13798	25
190.30 N	8210.22 Diesel		6	13798	25
190.30, 190.30TRU,	8210.22 Diesel		6	13798	25
190.30H/HT	8210.22 Diesel		6	13798	25
190.30T	8210.02/12/22	1977-	6	13798	25
190.32 GV	8460.41 Diesel	1989-	6	13790	24
190.32 TRU	8460.41 Diesel	1989-	6	13790	24
190.32, G.V.	8210.22 Diesel		6	13798	25
190.33 TS	8210.22 Diesel		6	13798	25
190.33 Turbostar	8210.02/12/22	1977-	6	13798	25
190.35, 190.35T	8280.02 Diesel V8		8	17174	27
190.36 TS/TRU	8210.42 Diesel		6	13798	26
190.38, 190.42	8281		5	17174	30
190.42 Turbostar	8280.22 Diesel V8		8	17174	28
190.48 TS	8280.42 VB D		8	17174	29
190.48 TS	8281		5	17174	30
190.8, 190.38 TRU	8280.22 Diesel V8		8	17174	28
190.PC/PT 30	8210.22 Diesel		6	13798	25

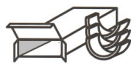







Model	Engine	Years	Cyl	CC	Line
220.30 TRU	8210.22 Diesel		6	13798	25
220.32 TRU	8460.41 Diesel	1989-	6	13790	24
220.35T (6x2C)	8280.02 Diesel V8		8	17174	27
220.36 TRU	8210.42 Diesel		6	13798	26
220.38, 220.38 TRU	8280.22 Diesel V8		8	17174	28
240.26 TRU	8460.21 Diesel		6	9500	24
240.30, 240.30 TRU	8210.22 Diesel		6	13798	25
240.32 GV	8460.41 Diesel	1989-	6	13790	24
240.35, 260.35	8280.02 Diesel V8		8	17174	27
240.36 TRU	8210.42 Diesel		6	13798	26
240.36 TS	8210.42 Diesel		6	13798	26
240.38, 240.38 TRU	8280.22 Diesel V8		8	17174	28
240.48 TS	8280.42 VB D		8	17174	29
240.48 TS	8281		5	17174	30
260 PAC 26	8210.02/12/22	1977-	6	13798	25
260.30 TRU, 260.30 H	8210.22 Diesel		6	13798	25
260.32 TRU	8460.41 Diesel	1989-	6	13790	24
260.36, 260.36 TS	8210.42 Diesel		6	13798	26
260.48 TS	8280.42 VB D		8	17174	29
300 PC/PT (6x4)	8210.02/12/22	1977-	6	13798	25
300 PC/TC	8210.02/12/22	1977-	6	13798	25
306, 306/3, 310, 412/A	203/A/61- 203H/61	1966-	6	11549	21
306/2 Bus	203/H Diesel	-1966	6	10676	21
308, 308L, 331A, 309,	220/H/8200.11		5	9161	20
308/L, 343R/T,418	8200.03/13 Diesel		6	10308	20
314, 314A, 414 Bus	213.000 Diesel		6	4678	11
314, 414, 416A, 314/2	8065/8060.11/12		6	5181	13
314/3, 316 Bus	8062.24/8060.04		6	5499	13
315, A90.13, A55.13	8062.24/8060.04		6	5499	13
315.8.17 Bus	8062.24/8060.04		6	5499	13
320.35PC	8210.02/12/22	1977-	6	13798	25
320.45 PTM	8280.02 Diesel V8		8	17174	27
329, 329A Bus	C03/020/021/041		4	4562	9
330.26 P, 330.30 H,	8210.02/12/22	1977-	6	13798	25
330.30 H/HT, 330	8210.22 Diesel		6	13798	25
330.35 PT	8280.02 Diesel V8		8	17174	27
330.35PC (6x4)	8280.02 Diesel V8		8	17174	27
330.35PT	8280.02 Diesel V8		8	17174	27
330.35PT/PC	330.35PT		5	17174	30
35 8 VE7, 35 8	8140.61 Diesel		4	2445	3
35 8 VJ	8140.61 Diesel		4	2445	3
370 S 24	8460.21 Diesel		6	9500	24
370.20 Bus	8220.02 Diesel	1978-	6	9572	19
370.25 Bus	8260.02 Diesel	1983-	6	12900	22
370.30, 370 S 30	8210.22 Diesel		6	13798	25
370.35 Bus	8260.02		5	12900	31

Model	Engine	Years	Cyl	CC	Line
370.35, 370.S35	8280.02 Diesel V8		8	17174	27
40/35 NC-"6+1" 50NC,	8040.02 Diesel		4	3455	7
401 UM/UM2, 405.411	203/H Diesel	-1966	6	10676	21
40NC, 50NC, 55NC,	8040.05 Diesel		4	3611	14
40NC, 50NC, 55NC,	8040.06 Diesel	1983-	4	3900	14
410A Bus	203/A/61- 203H/61	1966-	6	11549	21
411 Bus	203/A/61- 203H/61	1966-	6	11549	21
421 A/AL/AZ Bus	8210.02/12/22	1977-	6	13798	25
4210, 420A, 5210, 1210	8200.03/13 Diesel		6	10308	20
470.20, 570.20, 670.20	8220.12 Diesel	1978-	6	9572	19
50.8, 55.8, 60.8,	8040.04 Diesel		4	3666	13
50A1, 65 PC (4x4),	8040.02 Diesel		4	3455	7
50F.10, 55F.10	8340.04/R.001		4	4570	12
50F.9, 55F.9, 50NC.9	8340.04/R.001		4	4570	12
60 E 10, 65 E 10	8040 LTC/TC/TCA		4	3908	8
60 E 12, 65 E 12	8040 LTC/TC/TCA		4	3908	8
60 E 14, 65 E 14	8040 LTC/TC/TCA		4	3908	8
60F.10, 65F.10	8340.04/R.001		4	4570	12
612 N2	803.A000 Diesel	1966-71	3	2339	2
616 N2/N4	804A/.401 D Diesel		4	3117	7
616 N3	8030.2 Diesel	1971-	3	2592	7
616 N3	853A Diesel		3	2600	7
616 N3/N4, 625 N3	8040.02 Diesel		4	3455	7
616N,625N Trucks.	230A.000 Diesel	1965-	4	2693	5
619 N1/T1/N1P/T1P	8210.02/12/22	1977-	6	13798	25
625 N2	804A/.401 D Diesel		4	3117	7
643 N/N1/T/T1/E/EP	220/H/8200.11		5	9161	20
645 N - A/B/Z	213.000 Diesel		6	4678	11
645 N1, 650 N1/E 1,	806.A/8060.01 D	1967-	6	4678	10
645 N2/3,650 N3, 662	8065/8060.11/12	1967-	6	5181	13
65 Pc (6618 B)	8040.04 Diesel		4	3666	13
650 N - A/B/Z	213.000 Diesel		6	4678	11
655N/N1,672N,662 T	8065/8060.11/12	1967-	6	5181	13
662 N - A/B	213.000 Diesel		6	4678	11
662 N3	8060.02 Diesel	1967-	6	5184	13
6640/A (4x4)	8065/8060.11/12	1967-	6	5181	13
673 N, T, NR	CP3 Diesel	1974-	6	7409	16
682 N1/N2	203/H Diesel	-1966	6	10676	21
682 N2/T2/RN2	203/H Diesel	-1966	6	10676	21
682 N3/T3, N4/T4	203/A/61- 203H/61	1966-	6	11549	21
684 N/T, 690/4, 331A	8200.02/12 D		6	9819	20
684 T 9.2 Ton	8200.03/13 Diesel		6	10308	20
690 N/T	203/H Diesel	-1966	6	10676	21
690 N1/T1, N2/T2	203/A/61- 203H/61	1966-	6	11549	21
691 N/T/TS	8210.02/12/22	1977-	6	13798	25
697 N/T/NP/NT	8210.02/12/22	1977-	6	13798	25
70F.10, 75F.10	8340.04/R.001		4	4570	12
75 E 12 Eurocargo	8040 LTC/TC/TCA		4	3908	8
75 E 14 Eurocargo	8040 LTC/TC/TCA		4	3908	8
75 NC "6+1" Bus	8040.02 Diesel		4	3455	7
75 PC (4x4) PM	8065/8060.11/12	1967-	6	5181	13
75 PC, 75 PM, 90 PC,	8060.05 Diesel		6	5400	14
75 Pc, 75 Pm, 90 Pc, 90	8060.06	1983-	6	5900	14
79.13, 80.13, 90.13,	8060.05 Diesel		6	5400	14
79.13, 80.13, 90.13,	8060.06	1983-	6	5900	14
79.4, 80.14pc,	8062.24/8060.04		6	5499	13
79F.10	8340.04/R.001		4	4570	12
79F.13, 80F.13,	8062.24/8060.04		6	5499	13
80 E 15, 80 E 18, 80 E	8040 LTC/TC/TCA		4	3908	8
80 NC, 90 NC, 100 NC,	8060.05 Diesel		6	5400	14
80 Nc, 90 Nc, 100 Nc,	8060.06	1983-	6	5900	14
80.16 Turbo (4x4)	8062.24/8060.04		6	5499	13
80NC, 90NC,	8065/8060.11/12	1967-	6	5181	13
80R,AD7,BD7,FL7,FL8	604		4	6546	15

Model	Engine	Years	Cyl	CC	Line
80R,AD7,BD7,FL7,FL8	604		4	6872	15
90 PC (4x4) PM110	8065/8060.11/12	1967-	6	5181	13
90 PM 16 Turbo	8062.24/8060.04		6	5499	13
A70.12,A60.10 Bus	8340.05 Diesel		4	5401	12
Bus 370.25	8260.02 Diesel	-1983	6	12900	22
Bus 370.25	8260.02		5	12900	23
C40, C50	213.000 Diesel		6	4678	11
Daily 30,32,35	8140.61 Diesel		4	2445	3
Daily 40 F 8	8140.61 Diesel		4	2445	3
Ducato 2.8D	8140.63		4	2800	6
Fiat Ducato (244) 2.3	F1AE0481C	04.2002-	4	2286	1
Fiat Ducato (244) 2.3	F1AE0481C	04.2002-	4	2286	1
Fiat Ducato (244, Z_)	F1AE0481C	04.2002-	4	2286	1
Fiat Ducato 120 Multijet	F1AE0481D	07.2006-	4	2286	1
Gamma Daily 30.8,32.8	8140.61 Diesel		4	2445	3
Gamma Daily 35 8D, 35	8140.61 Diesel		4	2445	3
Gamma Daily 35 8VE	8140.61 Diesel		4	2445	3
Gamma Daily 40 8VJ,40	8140.61 Diesel		4	2445	3
Industrial	8281		5	17174	30
Industrial	8281 I03, M32		5	17174	31
Iveco Daily II 29L 10	F1AE0481A	09.2002-	4	2287	1
Iveco Daily II 29L 10V	F1AE0481A	09.2002-	4	2287	1
Iveco Daily II 29L 12	F1AE0481B	09.2002-	4	2287	1
Iveco Daily II 29L 12V	F1AE0481B	09.2002-	4	2287	1
Iveco Daily II 35C 10V,	F1AE0481A	09.2002-	4	2287	1
Iveco Daily II 35C 12,	F1AE0481B	09.2002-	4	2287	1
Iveco Daily II 35C 12V,	F1AE0481B	09.2002-	4	2287	1
Iveco Daily II 35S10	F1AE0481A	09.2002-	4	2287	1
Iveco Daily III 29L10,	F1AE0481FA	05.2006-	0	2287	1
Iveco Daily III 29L10V	F1AE0481FA	05.2006-	0	2287	1
Iveco Daily III 29L12,	F1AE0481GA	05.2006-	4	2287	1
Iveco Daily III 29L12V,	F1AE0481GA	05.2006-	4	2287	1
Iveco Daily III 29L14,	F1AE0481HA	05.2006-	4	2287	1
Iveco Daily III 29L14C,	F1AE0481HA	05.2006-	4	2287	1
Iveco Daily III 35C10,	F1AE0481FA	05.2006-	0	2287	1
Iveco Daily III 35C10K,	F1AE0481FA	05.2006-	0	2287	1
Iveco Daily III 35C10V,	F1AE0481FA	05.2006-	0	2287	1
Iveco Daily III 35C12,	F1AE0481GA	05.2006-	4	2287	1
Iveco Daily III 35C12K,	F1AE0481GA	05.2006-	4	2287	1
Iveco Daily III 35C12V,	F1AE0481GA	05.2006-	4	2287	1
Iveco Daily III 35S14,	F1AE0481HA	05.2006-	4	2287	1
Iveco Daily III 35S14C,	F1AE0481HA	05.2006-	4	2287	1
Iveco Daily III 40C10,	F1AE0481FA	05.2006-	0	2287	1
Iveco Daily III 40C10V	F1AE0481FA	05.2006-	0	2287	1
Iveco Daily III 40C12,	F1AE0481GA	05.2006-	4	2287	1
Iveco Daily III 40C12V,	F1AE0481GA	05.2006-	4	2287	1
Marine	8281		5	17174	30
Marine	8281 I03, M32		5	17174	31
New Daily 30.10 MJ96	8140.23		4	2800	6
New Daily 30.10/12	8140.23		4	2800	6
New Daily 40.10(4x4)	8140.23		4	2800	6
New Daily 59.12 MJ96	8140.23		4	2800	6
OCI 55	604		4	6546	15
OCI 55	604		4	6872	15
T70,50C,60C,60CL,70C	604		4	6546	15
T70,50C,60C,60CL,70C	604		4	6872	15
Turbocity, U	8460.21 Diesel		6	9500	24
U 150, S 150 Bus	CP3 Diesel		6	7409	16






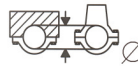


FIAT IVECO				FIAT IVECO			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
1	F1AE0481C		2286 cc	91.00 X 88.00	4 cyl	Fiat Ducato (244) 2.3, Fiat Ducato (244) 2.3 JTD, Fiat Ducato (244, Z_) 2.3 JTD	
	F1AE0481D		2286 cc	88.00 X 94.00	4 cyl	Fiat Ducato 120 Multijet 2.3 D	
	F1AE0481A		2287 cc	88.00 X 94.00	4 cyl	Iveco Daily II 29L 10, Iveco Daily II 29L 10V, Iveco Daily II 35C 10V, 35S 10, Iveco Daily II 35S10	
	F1AE0481B		2287 cc	88.00 X 94.00	4 cyl	Iveco Daily II 29L 12, Iveco Daily II 29L 12V, Iveco Daily II 35C 12, 35S 12, Iveco Daily II 35C 12V, 35S 12	
	F1AE0481FA		2287 cc		0 cyl	Iveco Daily III 29L10, 29L10D,, Iveco Daily III 29L10V, Iveco Daily III 35C10, 35C10D,, Iveco Daily III 35C10K,, Iveco Daily III 35C10V, 35S10V, Iveco Daily III 40C10, 40C10D,, Iveco Daily III 40C10V	
	F1AE0481GA		2287 cc	88.00 X 94.00	4 cyl	Iveco Daily III 29L12, 29L23/P, Iveco Daily III 29L12V,, Iveco Daily III 35C12, 35C12/P, Iveco Daily III 35C12K,, Iveco Daily III 35C12V,, Iveco Daily III 40C12, 40C12/P, Iveco Daily III 40C12V,	
	F1AE0481HA		2287 cc	88.00 X 94.00	4 cyl	Iveco Daily III 29L14, 29L14/P, Iveco Daily III 29L14C,, Iveco Daily III 35S14, 35S14/P, Iveco Daily III 35S14C,	
CR1312CA STD/010/020 GLY: 71-4080/4 OEM: 2996204	C1312U C1312L	1 Pair		2.3234/ 2.3243 59.014/ 59.037	2.4737/ 2.4743 62.832/ 62.847	0.9350 23.75	0.0742 1.885
MB5445SI STD/010/020 GLY: H1020/5 OEM: 2996449 (Blue)	M5445U/1 M5445L/1	3 Pairs		2.8024/ 2.8035 71.181/ 71.209	2.9759/ 2.9769 75.588/ 75.613	1.0630 27.00	0.0856 2.174
	F5445 M5445L/1	1 Pair		2.8024/ 2.8035 71.181/ 71.209	2.9759/ 2.9769 75.588/ 75.613	1.0630 27.00	0.0856 2.174
	M5445U/2 M5445L/2	1 Pair		2.9993/ 3.0003 76.182/ 76.208	3.1728/ 3.1738 80.589/ 80.615	1.0630 27.00	0.0856 2.174
2	803.A000 Diesel		2339 cc	95.00 X 109.99	3 cyl	612 N2	2
CR1209CP STD/010/020/030/040 CLE: CB-1155P (1) FMO: 66630CP GLY: 71-4229 VAN: VPR91809	C1209	1 Pair		2.3122/ 2.3127 58.730/ 58.743	2.4570/ 2.4575 62.408/ 62.421	1.1299 28.70	0.0720 1.829
MB 172CP STD/010/020/030/040 <i>Upper half with full annular groove and slot, lower half plain.</i> FMO: 66631CPA GLY: 72-4547 OEM: 1901803 VAN: VPM91810	M5122U M 172L	1 Pair		2.9995/ 3.0000 76.187/ 76.200	3.1727/ 3.1735 80.587/ 80.607	0.9843 25.00	0.0860 2.184
3	8140.61 Diesel		2445 cc	93.00 X 90.00	4 cyl	35 8 VE7, 35 8, 35 8 VJ, Daily 30,32,35, Daily 40 F 8, Gamma Daily 30.8,32.8, Gamma Daily 35 8D, 35 8VE9, Gamma Daily 35 8VE	3






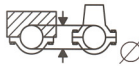


FIAT IVECO				FIAT IVECO			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
					12, Gamma Daily 40 8VJ,40 8		
CR4073CP STD/010/020/030/040/050/060 <i>Central oil hole - 1982</i> CLE:CB-1149P(4) FMO:4-66575CP GLA:B4721LB GLY:71-4185/4 K.S:77 155 600 OEM:1901926 VAN:VPR91914	C4073U C4160L	4 Pairs		2.2252/ 2.2258 56.520/ 56.535	2.3753/ 2.3758 60.333/ 60.345	0.9724 24.70	0.0743 1.887
CR4083CP STD/010/020/030/040 <i>Plain halves 1982 -</i> CLE:CB-1163P(4) FMO:4-1870CP GLA:B4122LB GLY:71-4310/4 VAN:VPR91915	C4083U C4161L	4 Pairs		2.2252/ 2.2258 56.520/ 56.535	2.3753/ 2.3758 60.333/ 60.345	0.9724 24.70	0.0743 1.887
MB5122CP STD/010/020/030/040 <i>1982 -</i> CLE:MS-1451P FMO:6564M GLA:M5389LB GLY:H1049/5 K.S:77 154 600 VAN:VPM91664	M5122U M5122L	4 Pairs	1-2-3-4	2.9995/ 3.0000 76.187/ 76.200	3.1727/ 3.1735 80.587/ 80.607	0.9843 25.00	0.0860 2.184
	F5122U F5122L	1 Pair	5	2.9995/ 3.0000 76.187/ 76.200	3.1727/ 3.1735 80.587/ 80.607	1.2578 31.95	0.0860 2.184
4	8141.21.200 Diesel, Sofim Turbo			2445 cc	93.00 X 90.00	4 cyl	4
CR4073CP STD/010/020/030/040/050/060 <i>Central oil hole - 1982</i> CLE:CB-1149P(4) FMO:4-66575CP GLA:B4721LB GLY:71-4185/4 K.S:77 155 600 OEM:1901926 VAN:VPR91914	C4073U C4160L	4 Pairs		2.2252/ 2.2258 56.520/ 56.535	2.3753/ 2.3758 60.333/ 60.345	0.9724 24.70	0.0743 1.887
CR4083CP STD/010/020/030/040 <i>Plain halves 1982 -</i> CLE:CB-1163P(4) FMO:4-1870CP GLA:B4122LB GLY:71-4310/4 VAN:VPR91915	C4083U C4161L	4 Pairs		2.2252/ 2.2258 56.520/ 56.535	2.3753/ 2.3758 60.333/ 60.345	0.9724 24.70	0.0743 1.887
CR4154CP STD/010/020/030/040 <i>1982 - Plane halves</i> GLY:71-4130/4 OEM:1901985 VAN:VPR92843	C4154	4 Pairs		2.2252/ 2.2258 56.520/ 56.535	2.3753/ 2.3759 60.333/ 60.348	0.9618 24.43	0.0748 1.900
MB5004CP STD/010/020/030 <i>1982 - 07300279 serie</i> FMO:7252M VAN:VPM92844	M5004U M5004L	4 Pairs	1-2-3-4	2.9995/ 3.0000 76.187/ 76.200	3.1727/ 3.1735 80.587/ 80.607	0.9843 25.00	0.0860 2.184
	F5004U F5004L	1 Pair	5	2.9995/ 3.0000 76.187/ 76.200	3.1727/ 3.1735 80.587/ 80.607	1.2578 31.95	0.0860 2.184
MB5122CP STD/010/020/030/040 <i>1982 -</i> CLE:MS-1451P FMO:6564M GLA:M5389LB GLY:H1049/5 K.S:77 154 600 VAN:VPM91664	M5122U M5122L	4 Pairs	1-2-3-4	2.9995/ 3.0000 76.187/ 76.200	3.1727/ 3.1735 80.587/ 80.607	0.9843 25.00	0.0860 2.184
	F5122U F5122L	1 Pair	5	2.9995/ 3.0000 76.187/ 76.200	3.1727/ 3.1735 80.587/ 80.607	1.2578 31.95	0.0860 2.184
5	230A.000 Diesel			2693 cc	95.00 X 95.00	4 cyl	616N,625N Trucks. 5
CR1209CP STD/010/020/030/040 <i>1982 -</i> CLE:CB-1155P(1) FMO:66630CP GLY:71-4229 VAN:VPR91809	C1209	1 Pair		2.3122/ 2.3127 58.730/ 58.743	2.4570/ 2.4575 62.408/ 62.421	1.1299 28.70	0.0720 1.829
MB5091CP <i>Under Development</i> CLE:MS- 894P GLA:M5519LB VAN:VPM91185	MB5091U* MB5091L*	5 Pairs		2.6766/ 2.6772 67.986/ 68.001	2.8506/ 2.8499 72.405/ 72.387	1.0236 26.00	0.0860 2.184
6	8140.63			2800 cc	94.40 X 100.00	4 cyl	Ducato 2.8D 6
	8140.23			2800 cc	94.40 X 100.00	4 cyl	New Daily 30.10 MJ96, New Daily 30.10/12 MJ96, New Daily 40.10(4x4) MJ96, New Daily 59.12 MJ96
	8140.23.38 -1996 -						
	8140.23/43 -1996 -						
CR4154CP STD/010/020/030/040 <i>1982 - Plane halves</i> GLY:71-4130/4 OEM:1901985 VAN:VPR92843	C4154	4 Pairs		2.2252/ 2.2258 56.520/ 56.535	2.3753/ 2.3759 60.333/ 60.348	0.9618 24.43	0.0748 1.900

FIAT IVECO				FIAT IVECO			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
MB5014CP STD/010/020/030/040 GLA:M5616LB GLY:7345M VAN:VPM92890	M5014U M5014L F5014U F5014L	4 Pairs 1 Pair	1-2-3-4 5	3.1568/ 3.1578 80.183/ 80.208 3.3930/ 3.3940 86.182/ 86.208	3.3302/ 3.3313 84.587/ 84.615 3.5665/ 3.5675 90.589/ 90.615	0.9370 23.80 1.2185 30.95	0.0856 2.174 0.0856 2.174
7	8030.2 Diesel		2592 cc	100.00 X 110.00	3 cyl	616 N3	7
	853A Diesel		2600 cc	100.00 X 110.00	3 cyl	616 N3	
	804A/.401 D Diesel		3117 cc	95.00 X 110.00	4 cyl	616 N2/N4, 625 N2	
	8040.02 Diesel		3455 cc	100.00 X 110.00	4 cyl	40/35 NC-"6+1" 50NC, 55NC., 50A1, 65 PC (4x4), 6611A,70 NC, 616 N3/N4, 625 N3, 75 NC "6+1" Bus	
	CR1209CP STD/010/020/030/040 CLE:CB-1155P (1) FMO:66630CP GLY:71-4229 VAN:VPR91809	C1209	1 Pair	2.3122/ 2.3127 58.730/ 58.743	2.4570/ 2.4575 62.408/ 62.421	1.1299 28.70	0.0720 1.829
	MB 172CP STD/010/020/030/040 <i>Upper half with full annular groove and slot, lower half plain.</i> FMO:66631CPA GLY:72-4547 OEM:1901803 VAN:VPM91810	M5122U M 172L	1 Pair	2.9995/ 3.0000 76.187/ 76.200	3.1727/ 3.1735 80.587/ 80.607	0.9843 25.00	0.0860 2.184
	TW 255AM 645691- CLE:TW- 334S FMO:60076AFF GLY:A193/4 VAN:VPM95076	W 255D W 255E	1 Pair	3.3500/ 3.3598 85.090/ 85.339	4.1988/ 4.2047 106.650/106.799	0.0000 0.00	0.1350 3.429
8	8040 LTC/TC/TCA Diesel Turbocharged		3908 cc	104.00 X 115.00	4 cyl	100 E 15 Eurocargo Turbo, 100 E 18 Eurocargo Turbo, 100 E 21, 60 E 10, 65 E 10, 60 E 12, 65 E 12, 60 E 14, 65 E 14, 75 E 12 Eurocargo Turbo, 75 E 14 Eurocargo Turbo, 80 E 15, 80 E 18, 80 E 21	8
	CR1208CP STD/010/020/030/040 CLE:CB-1297P (1) FMO:1010CPA GLA:B1143LB GLY:71-4389 OEM:1930201 VAN:VPR91978	C1208	1 Pair	2.5089/ 2.5096 63.726/ 63.744	2.6538/ 2.6544 67.407/ 67.422	1.1300 28.70	0.0715 1.816
	CR4204CP STD/010/020 <i>Same as CR1208CP, but pack in 4 Pairs.</i>	C1208	4 Pairs	2.5089/ 2.5096 63.726/ 63.744	2.6538/ 2.6544 67.407/ 67.422	1.1300 28.70	0.0715 1.816
	MB 192CP STD/010/020/030/040 GLA:M1106LB OEM:1930812 VAN:VPM92344	M 192U M 192L	1 Pair	3.1414/ 3.1421 79.792/ 79.809	3.3150/ 3.3160 84.201/ 84.226	0.9840 24.99	0.0858 2.179
	MB5076CP STD/010/020 <i>Same as MB 192CP, but pack in 5 Pairs.</i>	M 192U M 192L	5 Pairs	3.1414/ 3.1421 79.792/ 79.809	3.3150/ 3.3160 84.201/ 84.226	0.9840 24.99	0.0858 2.179
	TW 235AM FMO:1011BF GLY:A169/4 VAN:VPM95075	W 235D W 235E	2 Pairs	3.4555/ 3.4657 87.770/ 88.029	4.3902/ 4.4002 111.511/111.765	0.0000 0.00	0.1346 3.419
9	C03/020/021/041 Diesel		4562 cc	110.00 X 120.00	4 cyl	329, 329A Bus	9
	CR 155CP STD/010/020/030/040/050 GLA:B1131LB GLY:71-4212 OEM:1901614 VAN:VPR91989	C4031	1 Pair	2.7505/ 2.7510 69.863/ 69.875	2.9020/ 2.9027 73.711/ 73.729	1.4370 36.50	0.0740 1.880
	CR4031CP STD/010/020/030/040 <i>Same as CR 155CP, but pack in 4 Pairs.</i> FMO:4-60115CP GLA:B1131LB VAN:VPR352	C4031	4 Pairs	2.7505/ 2.7510 69.863/ 69.875	2.9020/ 2.9027 73.711/ 73.729	1.4370 36.50	0.0740 1.880
	CS 313BB CLE:SH-1311S FMO:1425M GLA:C3073SA						
	MB5571CP STD/010/020/030/040 FMO:6560M GLA:M5344LB GLY:H1175/5 VAN:VPM91408	M5571/1	3 Pairs	1-3-5 3.0000/ 3.0007 76.200/ 76.218	3.1742/ 3.1750 80.625/ 80.645	1.5940 40.49	0.0860 2.184

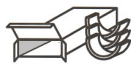




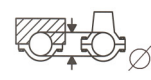


FIAT IVECO				FIAT IVECO			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
	M5571/2	2 Pairs	2-4	3.0000/ 3.0007 76.200/ 76.218	3.1742/ 3.1750 80.625/ 80.645	1.2000 30.48	0.0860 2.184
10	806.A/806.01 D Diesel		4678 cc	95.00 X 110.00	6 cyl	645 N1, 650 N1/E 1, 662 N1	10
CR1209CP STD/010/020/030/040 CLE:CB-1155P(1) FMO:66630CP GLY:71-4229 VAN:VPR91809	C1209	1 Pair		2.3122/ 2.3127 58.730/ 58.743	2.4570/ 2.4575 62.408/ 62.421	1.1299 28.70	0.0720 1.829
MB 172CP STD/010/020/030/040 <i>Upper half with full annular groove and slot, lower half plain.</i> FMO:66631CPA GLY:72-4547 OEM:1901803 VAN:VPM91810	M5122U M 172L	1 Pair		2.9995/ 3.0000 76.187/ 76.200	3.1727/ 3.1735 80.587/ 80.607	0.9843 25.00	0.0860 2.184
TW 255AM 645691- CLE:TW- 334S FMO:60076AFF GLY:A193/4 VAN:VPW95076	W 255D W 255E	1 Pair		3.3500/ 3.3598 85.090/ 85.339	4.1988/ 4.2047 106.650/106.799	0.0000 0.00	0.1350 3.429
11	213.000 Diesel		4678 cc	95.00 X 110.00	6 cyl	314, 314A, 414 Bus, 645 N - A/B/Z, 650 N - A/B/Z, 662 N - A/B, C40, C50	11
MB 172CP STD/010/020/030/040 <i>Upper half with full annular groove and slot, lower half plain.</i> FMO:66631CPA GLY:72-4547 OEM:1901803 VAN:VPM91810	M5122U M 172L	1 Pair		2.9995/ 3.0000 76.187/ 76.200	3.1727/ 3.1735 80.587/ 80.607	0.9843 25.00	0.0860 2.184
12	8340.04/R.001 Diesel		4570 cc	115.00 X 110.00	4 cyl	50F.10, 55F.10, 50F.9, 55F.9, 50NC.9, 60F.10, 65F.10, 70F.10, 75F.10, 79F.10	12
	8340.05 Diesel		5401 cc	115.00 X 130.00	4 cyl	A70.12,A60.10 Bus	
CR1213CP - 1982 CLE:CB-1187P(1) GLA:B1132LB GLY:71-4227 OEM:1901619 VAN:VPR91974	C1213	1 Pair		2.8536/ 2.8543 72.481/ 72.499	3.0195/ 3.0202 76.695/ 76.713	1.3752 34.93	0.0815 2.070
CR1214CP 1982- CLE:CB-1174P(1) GLA:B1133LB GLY:71-4390 OEM:1901993 VAN:VPR91988	C1214	1 Pair		2.8536/ 2.8543 72.481/ 72.499	3.0195/ 3.0202 76.695/ 76.713	1.3752 34.93	0.0810 2.057
MB5649CP STD/010/020/030/040 GLA:M5513LB GLY:H1048/5 OEM:1901827 VAN:VPM91858	M7742/1U M7742/1L	3 Pairs	1-3-5	3.1410/ 3.1417 79.781/ 79.799	3.3152/ 3.3160 84.206/ 84.226	1.6728 42.49	0.0858 2.179
	M7742/2U M7742/2L	2 Pairs	2-4	3.1410/ 3.1417 79.781/ 79.799	3.3152/ 3.3160 84.206/ 84.226	1.2791 32.49	0.0858 2.179
TW 235AM FMO:1011BF GLY:A169/4 VAN:VPW95075	W 235D W 235E	2 Pairs		3.4555/ 3.4657 87.770/ 88.029	4.3902/ 4.4002 111.511/111.765	0.0000 0.00	0.1346 3.419
13	8040.04 Diesel		3666 cc	103.00 X 110.00	4 cyl	50.8, 55.8, 60.8, 65PC(6618 B), 65 Pc (6618 B)	13
	8065/8060.11/12 Diesel		5181 cc	100.00 X 110.00	6 cyl	314, 414, 416A, 314/2 Bus, 645 N2/3, 650 N3, 662 N2/3., 655N/N1, 672N, 662 T, 6640/A (4x4), 75 PC (4x4) PM, 80NC, 90NC, 100NC/EC, 90 PC (4x4) PM110 NC/PC/NR	
	8060.02 Diesel		5184 cc	100.00 X 110.00	6 cyl	662 N3	
	8062.24/8060.04 Diesel		5499 cc	103.00 X 110.00	6 cyl	110F, Bus, 115.17, 314/3, 316 Bus, 315, A90.13, A55.13 Bus, 315.8.17 Bus, 79.4, 80.14pc, 80.16PC95.14., 79F.13, 80F.13, 90DF.13., 80.16	

FIAT IVECO					FIAT IVECO				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
					Turbo (4x4), 90 PM 16 Turbo				
CR1209CP STD/010/020/030/040 CLE:CB-1155P(1) FMO:66630CP GLY:71-4229 VAN:VPR91809	C1209	1 Pair		2.3122/ 2.3127 58.730/ 58.743	2.4570/ 2.4575 62.408/ 62.421	1.1299 28.70	0.0720 1.829		
MB 172CP STD/010/020/030/040 <i>Upper half with full annular groove and slot, lower half plain.</i> FMO:66631CPA GLY:72-4547 OEM:1901803 VAN:VPM91810	M5122U M 172L	1 Pair		2.9995/ 3.0000 76.187/ 76.200	3.1727/ 3.1735 80.587/ 80.607	0.9843 25.00	0.0860 2.184		
TW 255AM 1977- 645691- CLE:TW- 334S FMO:60076AFF GLY:A193/4 VAN:VPM95076	W 255D W 255E	1 Pair		3.3500/ 3.3598 85.090/ 85.339	4.1988/ 4.2047 106.650/106.799	0.0000 0.00	0.1350 3.429		
14	8040.05 Diesel		3611 cc	100.00 X 115.00	4 cyl	40NC, 50NC, 55NC, 65PC, 50.8,		14	
	8040.06 Diesel		3900 cc	104.00 X 115.00	4 cyl	40NC, 50NC, 55NC, 65PC, 50.8,			
	8060.05 Diesel		5400 cc	100.00 X 115.00	6 cyl	75 PC, 75 PM, 90 PC, 90 PM, 79.13, 80.13, 90.13, 100.13,, 80 NC, 90 NC, 100 NC, 110 NC			
	8060.06		5900 cc	104.00 X 115.00	6 cyl	75 Pc, 75 Pm, 90 Pc, 90 Pm, 79.13, 80.13, 90.13, 100.13,, 80 Nc, 90 Nc, 100 Nc, 110 Nc			
CR 183CP STD/010/020/030/040 CLE:CB-1296P(1) FMO:1010CP GLY:71-4104 OEM:1930181 VAN:VPR91975	C 183	1 Pair		2.5089/ 2.5096 63.726/ 63.744	2.6538/ 2.6544 67.407/ 67.422	1.1300 28.70	0.0715 1.816		
CR 677CP STD/010/020/030/040 <i>Same as CR 183CP, but pack in 6 Pairs.</i>	C 183	6 Pairs		2.5089/ 2.5096 63.726/ 63.744	2.6538/ 2.6544 67.407/ 67.422	1.1300 28.70	0.0715 1.816		
CR4203CP STD/010/020 <i>Same as CR 183CP, but pack in 4 Pairs.</i>	C 183	4 Pairs		2.5089/ 2.5096 63.726/ 63.744	2.6538/ 2.6544 67.407/ 67.422	1.1300 28.70	0.0715 1.816		
MB 147CP STD/010/020/030/040/050 FMO:1011CP GLA:M1073LB GLY:72-4546 OEM:1930176 VAN:VPM91976	M 147U M 147L	1 Pair		3.1414/ 3.1421 79.792/ 79.809	3.3150/ 3.3160 84.201/ 84.226	0.9840 24.99	0.0858 2.179		
MB5075CP STD/010/020 <i>Same as MB 147CP, but pack in 5 Pairs.</i>	M 147U M 147L	5 Pairs		3.1414/ 3.1421 79.792/ 79.809	3.3150/ 3.3160 84.201/ 84.226	0.9840 24.99	0.0858 2.179		
MB7045CP STD/010/020/030/040 <i>Same as MB 147CP, but pack in 7 Pairs.</i>	M 147U M 147L	7 Pairs		3.1414/ 3.1421 79.792/ 79.809	3.3150/ 3.3160 84.201/ 84.226	0.9840 24.99	0.0858 2.179		
TW 235AM FMO:1011BF GLY:A169/4 VAN:VPM95075	W 235D W 235E	2 Pairs		3.4555/ 3.4657 87.770/ 88.029	4.3902/ 4.4002 111.511/111.765	0.0000 0.00	0.1346 3.419		
15	604		6546 cc	122.00 X 140.00	4 cyl	80R,AD7,BD7,FL7,FL8, OCI 55 HP/55L/R/T,T55,T55L,T60, T70,50C,60C,60CL,70C,70 CA,80C		15	
	604		6872 cc	125.00 X 140.00	4 cyl	80R,AD7,BD7,FL7,FL8, OCI 55 HP/55L/R/T,T55,T55L,T60, T70,50C,60C,60CL,70C,70 CA,80C			
CR4344CP STD/010/020/030/040/25/5/75/1.0 <i>SUPERSEDED BY CR4344CP</i> FMO:4-60085RA GLY:4-60085RA	C4344	4 Pairs		3.2730/ 3.2740 83.134/ 83.160	3.4370/ 3.4379 87.300/ 87.323	1.7420 44.25	0.0802 2.037		

FIAT IVECO				FIAT IVECO			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
MB5387CP STD/010/020/030/040/.25/.5/.75/1.0 SUPERSEDED BY MB5387CP GLY:4327M	M5387/1	2 Pairs	1-3	3.6255/ 3.6264 92.088/ 92.111	3.8020/ 3.8029 96.571/ 96.594	1.6730 42.49	0.0862 2.189
	M5387/2	2 Pairs	2-4	3.6255/ 3.6264 92.088/ 92.111	3.8020/ 3.8029 96.571/ 96.594	1.2800 32.51	0.0862 2.189
	M5387/5	1 Pair	5	3.6255/ 3.6264 92.088/ 92.111	3.8020/ 3.8029 96.571/ 96.594	2.5390 64.49	0.0862 2.189
16	CP3 Diesel		7409 cc	110.00 X 130.00	6 cyl	130 NC, NT, NR, AI, 673 N, T, NR, U 150, S 150 Bus	16
CR 155CP STD/010/020/030/040/050 GLA:B1131LB GLY:71-4212 OEM:1901614 VAN:VPR91989	C4031	1 Pair		2.7505/ 2.7510 69.863/ 69.875	2.9020/ 2.9027 73.711/ 73.729	1.4370 36.50	0.0740 1.880
CR6693CP STD Same as CR 155CP, but pack in 6 Pairs. FMO:6-60115CP	C4031	6 Pairs		2.7505/ 2.7510 69.863/ 69.875	2.9020/ 2.9027 73.711/ 73.729	1.4370 36.50	0.0740 1.880
MB7007CP STD/010/020/030/040 FMO:6409M GLY:H1175/7 VAN:VPM91322	M5571/1	3 Pairs	1-4-7	3.0000/ 3.0007 76.200/ 76.218	3.1742/ 3.1750 80.625/ 80.645	1.5940 40.49	0.0860 2.184
	M5571/2	4 Pairs	2-3-5-6	3.0000/ 3.0007 76.200/ 76.218	3.1742/ 3.1750 80.625/ 80.645	1.2000 30.48	0.0860 2.184
TW 252AM FMO:60116AF GLA:W2265L GLY:60116AF VAN:VPW105	W 252D W 252E	1 Pair		3.2480/ 3.2539 82.499/ 82.649	4.0000/ 4.0098 101.600/101.849	0.0000 0.00	0.0930 2.362
17	8360.04 Diesel		6850 cc	115.00 X 110.00	6 cyl	110.14, 120.14, 129.14, 130.14	17
	8361.04 Diesel		6850 cc	115.00 X 110.00	6 cyl		
	8361.05 Diesel		8102 cc	115.00 X 130.00	6 cyl		
	8360.05 Diesel		8102 cc	115.00 X 130.00	6 cyl	150 NC 17, 150 NC, NR, NT, 159 NC 17	
CR1213CP - 1982 CLE:CB-1187P(1) GLA:B1132LB GLY:71-4227 OEM:1901619 VAN:VPR91974	C1213	1 Pair		2.8536/ 2.8543 72.481/ 72.499	3.0195/ 3.0202 76.695/ 76.713	1.3752 34.93	0.0815 2.070
CR1214CP 1982- CLE:CB-1174P(1) GLA:B1133LB GLY:71-4390 OEM:1901993 VAN:VPR91988	C1214	1 Pair		2.8536/ 2.8543 72.481/ 72.499	3.0195/ 3.0202 76.695/ 76.713	1.3752 34.93	0.0810 2.057
MB7742CP STD/010/020/030 GLA:M7436LB GLY:H1048/7 OEM:1901832 VAN:VPM91859	M7742/1U M7742/1L	3 Pairs	1-4-7	3.1410/ 3.1417 79.781/ 79.799	3.3152/ 3.3160 84.206/ 84.226	1.6732 42.50	0.0860 2.184
	M7742/2U M7742/2L	4 Pairs	2-3-5-6	3.1410/ 3.1417 79.781/ 79.799	3.3152/ 3.3160 84.206/ 84.226	1.2795 32.50	0.0860 2.184
TW 235AM FMO:1011BF GLY:A169/4 VAN:VPW95075	W 235D W 235E	2 Pairs		3.4555/ 3.4657 87.770/ 88.029	4.3902/ 4.4002 111.511/111.765	0.0000 0.00	0.1346 3.419
18	8360.03 Diesel		8102 cc	115.00 X 130.00	6 cyl	150 NC 17, 159 NC 17	18
CR1213CP - 1982 CLE:CB-1187P(1) GLA:B1132LB GLY:71-4227 OEM:1901619 VAN:VPR91974	C1213	1 Pair		2.8536/ 2.8543 72.481/ 72.499	3.0195/ 3.0202 76.695/ 76.713	1.3752 34.93	0.0815 2.070
MB7742CP STD/010/020/030 GLA:M7436LB GLY:H1048/7 OEM:1901832 VAN:VPM91859	M7742/1U M7742/1L	3 Pairs	1-4-7	3.1410/ 3.1417 79.781/ 79.799	3.3152/ 3.3160 84.206/ 84.226	1.6732 42.50	0.0860 2.184
	M7742/2U M7742/2L	4 Pairs	2-3-5-6	3.1410/ 3.1417 79.781/ 79.799	3.3152/ 3.3160 84.206/ 84.226	1.2795 32.50	0.0860 2.184
TW 235AM FMO:1011BF GLY:A169/4 VAN:VPW95075	W 235D W 235E	2 Pairs		3.4555/ 3.4657 87.770/ 88.029	4.3902/ 4.4002 111.511/111.765	0.0000 0.00	0.1346 3.419

FIAT IVECO					FIAT IVECO				
									
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
19	8220.02 Diesel		9572 cc	125.00 X 130.00	6 cyl	130 NC20,150 NC20,150.20,, 159 NC20,159.20, 170 NC20, 190 NC20, 170.20, 190.20, 190 PAC20, 370.20 Bus		19	
	8220.12 Diesel		9572 cc	125.00 X 130.00	6 cyl	470.20, 570.20, 670.20 Bus			
	8220.22 Diesel Turbocharged		9572 cc	125.00 X 130.00	6 cyl	165.24 R Turbo180.24 Turbo			
CR6726CP STD./25/.5 FMO: 6-66545CP GLA: B6625LB GLY: 71-4386/6 VAN: VPR91767	C6726	6 Pairs		2.9996/ 3.0004 76.190/ 76.210	3.1663/ 3.1670 80.424/ 80.442	1.4291 36.30	0.0820 2.083		
MB7048CP STD./25/.5 FMO: 6555M GLA: M7454LB GLY: H1180/7 VAN: VPM91768	M7048/1U M7048/1L	6 Pairs	1-3,5-7	3.3850/ 3.3858 85.979/ 85.999	3.6220/ 3.6228 91.999/ 92.019	1.5551 39.50	0.1170 2.972		
	M7048/4U M7048/4L	1 Pair	4	3.3850/ 3.3858 85.979/ 85.999	3.6220/ 3.6228 91.999/ 92.019	1.7913 45.50	0.1170 2.972		
20	220/H/8200.11 Diesel	1970 -	9161 cc	120.00 X 135.00	5 cyl	308, 308L, 331A, 309, 309/1,, 643 N/N1/T/T1/E/EP		20	
	8200.02/12 D Diesel	1970 -	9819 cc	122.00 X 140.00	6 cyl	684 N/T, 690/4, 331A			
	8200.03/13 Diesel	1970 -	10308 cc	125.00 X 140.00	6 cyl	160 NC/NT/R, 308/L, 343R/T,418 AC/AL/A Bus, 4210, 420A, 5210, 1210 Bus, 684 T 9.2 Ton			
CR1319CP STD/010/020/030/040 1 pair version of CR6763CP GLY: 66515CP (1)	C6763	1 Pair		2.9508/ 2.9516 74.950/ 74.971	3.0986/ 3.0993 78.704/ 78.722	1.3346 33.90	0.0720 1.829		
CR6763CP GLA: B6523LB GLY: 6-66515CP VAN: VPR91738	C6763	6 Pairs		2.9508/ 2.9516 74.950/ 74.971	3.0986/ 3.0993 78.704/ 78.722	1.3346 33.90	0.0720 1.829		
MB7088CP Under Development GLA: M7252LB GLY: H1179/7 VAN: VPM91739	M7088/1U* M7088/1L*	1 Pair	1	3.6245/ 3.6255 92.062/ 92.088	3.8025/ 3.8030 96.584/ 96.596	1.4701 37.34	0.0862 2.189		
	M7088/2U* M7088/2L*	4 Pairs	2-3-5-6	3.6245/ 3.6255 92.062/ 92.088	3.8025/ 3.8030 96.584/ 96.596	1.2898 32.76	0.0862 2.189		
	M7088/4U* M7088/4L*	1 Pair	4	3.6245/ 3.6255 92.062/ 92.088	3.8025/ 3.8030 96.584/ 96.596	2.3398 59.43	0.0862 2.189		
	M7088/7U* M7088/1L*	1 Pair	7	3.6245/ 3.6255 92.062/ 92.088	3.8025/ 3.8030 96.584/ 96.596	1.4701 37.34	0.0862 2.189		
TW 240CP VAN: VPW95033									
21	203/H Diesel		10676 cc	125.00 X 145.00	6 cyl	306/2 Bus, 401 UM/UM2, 405.411 Bus, 682 N1/N2, 682 N2/T2/RN2, 690 N/T		21	
	203/A/61- 203H/61 310H/61 Diesel		11549 cc	130.00 X 145.00	6 cyl	306, 306/3, 310, 412/A, 410A Bus, 411 Bus, 682 N3/T3, N4/T4, 690 N1/T1, N2/T2			
CR6632CP STD/010/020/030/040/050/060 CLE: CB- 808P (6) FMO: 6-60065CP GLY: 71-4221/6 VAN: VPR91168	C6632	6 Pairs		3.2205/ 3.2215 81.801/ 81.826	3.3690/ 3.3700 85.573/ 85.598	1.7030 43.26	0.0720 1.829		
MB 790CP STD/010/020/030/040/050/060 CLE: MS- 782P FMO: 4518M GLY: H1132/7 VAN: VPM355	M 790/1R M 790/1L	1 Pair	1	3.6245/ 3.6255 92.062/ 92.088	3.8025/ 3.8030 96.584/ 96.596	2.1650 54.99	0.0862 2.189		
	M 790/2	4 Pairs	2-3-5-6	3.6245/ 3.6255 92.062/ 92.088	3.8025/ 3.8030 96.584/ 96.596	1.2990 32.99	0.0862 2.189		
	M 790/4	1 Pair	4	3.6245/ 3.6255 92.062/ 92.088	3.8025/ 3.8030 96.584/ 96.596	2.6380 67.01	0.0862 2.189		
				3.6245/ 3.6255	3.8025/ 3.8030	2.7950	0.0862		

FIAT IVECO				FIAT IVECO			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
	M 790/7R M 790/7L	1 Pair	7	92.062/ 92.088	96.584/ 96.596	70.99	2.189
TW 240CP VAN:VPW95033							
22	8260.02 Diesel		12900 cc	145.00 X 130.00	6 cyl	370.25 Bus, Bus 370.25	22
CR1210CP <i>Under Development</i> -060538 FMO:66495CP VAN:VPR91972	CR 860*	1 Pair		3.6582/ 3.6591 92.918/ 92.941	3.8563/ 3.8572 97.950/ 97.973	1.3689 34.77	0.0972 2.469
CR1211CP <i>Under Development</i> 060539-076964 1983- GLA:B1126 VAN:VPR91983	CR 876	1 Pair		3.7094/ 3.7103 94.219/ 94.242	3.8563/ 3.8572 97.950/ 97.973	1.3295 33.77	0.0716 1.819
MB 177CP <i>Under Development</i> -1983 GLA:M1091LB VAN:VPM91987	M5015U* M5015L*	1 Pair		4.3293/ 4.3301 109.964/109.985	4.6457/ 4.6465 118.001/118.021	1.5965 40.55	0.1560 3.962
MB 178CP 1983- GLA:M1095LB GLY:72-4548 VAN:VPM91980	M5016U M5016L	1 Pair		4.4478/ 4.4486 112.974/112.994	4.6457/ 4.6465 118.001/118.021	1.5965 40.55	0.0972 2.469
23	8260.02	1983 -	12900 cc	145.00 X 130.00	5 cyl	Bus 370.25	23
CR 876CP ^{STD/010} <i>Locating lug distance from right hand - 2.7 mm</i> GLA:B1126LB (8) VAN:VPR91983 (8)	C 876	8 Pairs		3.7094/ 3.7103 94.219/ 94.242	3.8563/ 3.8572 97.950/ 97.973	1.3295 33.77	0.0716 1.819
MB5016CP ^{STD/010} FMO:66706CP	M5016U M5016L	5 Pairs	1-5	4.4486/ 4.4478 112.994/112.974	4.6457/ 4.6465 118.001/118.021	1.5965 40.55	0.0972 2.469
24	8460.21 Diesel		9500 cc	120.00 X 140.00	6 cyl	175.24, 190.24 TRU, 190.26 TRU, 240.26 TRU, 370 S 24, Turbocity, U	24
	8460.41 Diesel		13790 cc	137.00 X 156.00	6 cyl	190.32 GV, 190.32 TRU, 220.32 TRU, 240.32 GV, 260.32 TRU	
CR 131CP FMO: 1230CP GLA:B1150LB GLY:71-4284 VAN:VPR92346	C 131U C 131L	1 Pair		3.2275/ 3.2283 81.979/ 81.999	3.3942/ 3.3951 86.213/ 86.236	1.3937 35.40	0.0820 2.083
MB7047CP FMO:7024M GLA:M7456LB GLY:H1072/7 VAN:VPM92345	M7047/1U M7047/1L	6 Pairs	1-3,5-7	3.5417/ 3.5425 89.959/ 89.980	3.7795/ 3.7804 95.999/ 96.022	1.2894 32.75	0.1180 2.997
	M7047/4U M7047/4L	1 Pair	4	3.5417/ 3.5425 89.959/ 89.980	3.7795/ 3.7804 95.999/ 96.022	1.7520 44.50	0.1180 2.997
25	8210.02/12/22 Diesel		13798 cc	137.00 X 156.00	6 cyl	160.26, 170.26, 170 NC/NT.26P, 170.30, 180 N/NC/NT, 180.26, 180.26T, 190.26, 190.26T, 190.PC 26., 190.30T, 190.33 Turbostar, 260 PAC 26, 300 PC/PT (6x4), 300 PC/TC, 320.35PC, 330.26 P, 330.30 H, 330.35 PC, 421 A/AL/AZ Bus, 619 N1/T1/N1P/T1P, 691 N/T/TS, 697 N/T/NP/NT	25
	8210.22 Diesel		13798 cc	137.00 X 156.00	6 cyl	190.30 N, 190.30, 190.30TRU, 190.30GV, 190.30H/HT, 190.32, G.V., 190.33 TS, 190.PC/PT 30, 220.30 TRU, 240.30, 240.30 TRU, 260.30 TRU, 260.30 H, 330.30 H/HT, 330 PC.PT 30, 370.30, 370 S 30	
CR6633CP ^{STD/010/020/030}	C6633	6 Pairs		3.3351/ 3.3360	3.4835/ 3.4844	1.6240	0.0720

FIAT IVECO				FIAT IVECO				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
								
-184187 <i>With oil hole.</i> CLE:CB-1195P (6) FMO:6-66520CP GLA:B6607LB GLY:71-4385/6 VAN:VPR91740				84.712/ 84.734	88.481/ 88.504	41.25	1.829	
CR6721CP STD/010/020 184187 - <i>Plain halves.</i> CLE:CB-1337P (6) FMO:6-1675CP GLA:B6626LB GLY:71-4215/6 VAN:VPR91970	C6721	6 Pairs		3.3351/ 3.3360 84.712/ 84.734	3.4835/ 3.4844 88.481/ 88.504	1.5846 40.25	0.0720 1.829	
MB 791CP STD/010/020/030 FMO:6549M GLY:H1047/7 VAN:VPM91741	M 791/4U M 791/4L	1 Pair	4	4.0503/ 4.0512 102.878/102.900	4.2510/ 4.2520 107.975/108.001	2.1250 53.98	0.0982 2.494	
	M 791/2U M 791/2L	4 Pairs	2-3-5-6	4.0503/ 4.0512 102.878/102.900	4.2510/ 4.2520 107.975/108.001	1.3710 34.82	0.0982 2.494	
	M 791/7U M 791/1L	1 Pair	7	4.0503/ 4.0512 102.878/102.900	4.2510/ 4.2520 107.975/108.001	1.4730 37.41	0.0982 2.494	
	M 791/1U M 791/1L	1 Pair	1	4.0503/ 4.0512 102.878/102.900	4.2510/ 4.2520 107.975/108.001	1.4730 37.41	0.0982 2.494	
26	8210.42 Diesel		13798 cc	137.00 X 156.00	6 cyl	190.36 TS/TRU, 220.36 TRU, 240.36 TRU, 240.36 TS, 260.36, 260.36 TS	26	
CR6721CP STD/010/020 184187 - <i>Plain halves.</i> CLE:CB-1337P (6) FMO:6-1675CP GLA:B6626LB GLY:71-4215/6 VAN:VPR91970	C6721	6 Pairs		3.3351/ 3.3360 84.712/ 84.734	3.4835/ 3.4844 88.481/ 88.504	1.5846 40.25	0.0720 1.829	
MB 791CP STD/010/020/030 FMO:6549M GLY:H1047/7 VAN:VPM91741	M 791/4U M 791/4L	1 Pair	4	4.0503/ 4.0512 102.878/102.900	4.2510/ 4.2520 107.975/108.001	2.1250 53.98	0.0982 2.494	
	M 791/2U M 791/2L	4 Pairs	2-3-5-6	4.0503/ 4.0512 102.878/102.900	4.2510/ 4.2520 107.975/108.001	1.3710 34.82	0.0982 2.494	
	M 791/7U M 791/1L	1 Pair	7	4.0503/ 4.0512 102.878/102.900	4.2510/ 4.2520 107.975/108.001	1.4730 37.41	0.0982 2.494	
	M 791/1U M 791/1L	1 Pair	1	4.0503/ 4.0512 102.878/102.900	4.2510/ 4.2520 107.975/108.001	1.4730 37.41	0.0982 2.494	
27	8280.02 Diesel V8		17174 cc	145.00 X 130.00	8 cyl	170NC.35, 170.NT.35, 190.35, 190.35T, 220.35T (6x2C), 240.35, 260.35, 320.45 PTM, 330.35 PT, 330.35PC (6x4), 330.35PT, 370.35, 370.S35	27	
CR1210CP <i>Under Development</i> -060538 FMO:66495CP VAN:VPR91972	CR 860*	1 Pair		3.6582/ 3.6591 92.918/ 92.941	3.8563/ 3.8572 97.950/ 97.973	1.3689 34.77	0.0972 2.469	
CR1211CP <i>Under Development</i> 060539-076964 1983- GLA:B1126 VAN:VPR91983	CR 876	1 Pair		3.7094/ 3.7103 94.219/ 94.242	3.8563/ 3.8572 97.950/ 97.973	1.3295 33.77	0.0716 1.819	
CR1212CP 076965- GLA:B1149 GLY:71-4108 VAN:VPR92328	C 877	1 Pair		3.7094/ 3.7103 94.219/ 94.242	3.8563/ 3.8572 97.950/ 97.973	1.3295 33.77	0.0716 1.819	
MB 177CP <i>Under Development</i> -060538 GLA:M1091LB VAN:VPM91987	M5015U* M5015L*	1 Pair		4.3293/ 4.3301 109.964/109.985	4.6457/ 4.6465 118.001/118.021	1.5965 40.55	0.1560 3.962	
MB 178CP 060539- GLA:M1095LB GLY:72-4548	M5016U M5016L	1 Pair		4.4478/ 4.4486 112.974/112.994	4.6457/ 4.6465 118.001/118.021	1.5965 40.55	0.0972 2.469	

FIAT IVECO				FIAT IVECO			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
VAN:VPM91980							
28	8280.22 Diesel V8	17174 cc	145.00 X 130.00	8 cyl	190.42 Turbostar, 190.8, 190.38 TRU, 220.38, 220.38 TRU, 240.38, 240.38 TRU	28	
CR1211CP <i>Under Development</i> 060539-076964 1983- GLA:B1126 VAN:VPR91983	CR 876	1 Pair		3.7094/ 3.7103 94.219/ 94.242	3.8563/ 3.8572 97.950/ 97.973	1.3295 33.77	0.0716 1.819
CR1212CP 076965- GLA:B1149 GLY:71-4108 VAN:VPR92328	C 877	1 Pair		3.7094/ 3.7103 94.219/ 94.242	3.8563/ 3.8572 97.950/ 97.973	1.3295 33.77	0.0716 1.819
MB 178CP GLA:M1095LB GLY:72-4548 VAN:VPM91980	M5016U M5016L	1 Pair		4.4478/ 4.4486 112.974/112.994	4.6457/ 4.6465 118.001/118.021	1.5965 40.55	0.0972 2.469
29	8280.42 VB D Diesel	17174 cc	145.00 X 130.00	8 cyl	190.48 TS, 240.48 TS, 260.48 TS	29	
CR1212CP 076965- GLA:B1149 GLY:71-4108 VAN:VPR92328	C 877	1 Pair		3.7094/ 3.7103 94.219/ 94.242	3.8563/ 3.8572 97.950/ 97.973	1.3295 33.77	0.0716 1.819
MB 178CP GLA:M1095LB GLY:72-4548 VAN:VPM91980	M5016U M5016L	1 Pair		4.4478/ 4.4486 112.974/112.994	4.6457/ 4.6465 118.001/118.021	1.5965 40.55	0.0972 2.469
30	8280.02 8280.02 - 8280..22TD - 8280.42 - 330.35PT 8281 8281 SRI-10VTD - 8281 SI 10 - 8281 SRM 44 -	17174 cc	145.00 X 130.00	5 cyl	170NC35, 170NT35 330.35PT/PC 190.38, 190.42 Turbostar, 190.48 TS, 240.48 TS, Industrial, Marine	30	
CR 876CP ^{STD/010} <i>Locating lug distance from right hand - 2.7 mm</i> GLA:B1126LB(8) VAN:VPR91983(8)	C 876	8 Pairs		3.7094/ 3.7103 94.219/ 94.242	3.8563/ 3.8572 97.950/ 97.973	1.3295 33.77	0.0716 1.819
CR 877CP ^{STD/010} <i>Locating lug distance from right hand - 3.7 mm</i> FMO:8-1685CP GLA:B1149LB(8) VAN:VPR92328(8)	C 877	8 Pairs		3.7094/ 3.7103 94.219/ 94.242	3.8563/ 3.8572 97.950/ 97.973	1.3295 33.77	0.0716 1.819
MB5016CP ^{STD/010} FMO:66706CP	M5016U M5016L	5 Pairs	1-5	4.4486/ 4.4478 112.994/112.974	4.6457/ 4.6465 118.001/118.021	1.5965 40.55	0.0972 2.469
31	8260.02 8280.01,02 8281 I03, M32	- 1983 12900 cc	145.00 X 130.00	5 cyl	370.35 Bus 170.33, 19.33, 170NC,370. 35S,Bus 370.35 Industrial, Marine	31	
CR 860CP <i>Under Development</i> GLA:B1137LB(8) VAN:VPR91972(8)	CR 860*	8 Pairs		3.6582/ 3.6591 92.918/ 92.941	3.8563/ 3.8572 97.950/ 97.973	1.3689 34.77	0.0972 2.469
MB5015AM							

Engine Index: FIAT IVECO

Engine-Code	Years	Cyl	CC	Line
		0	0	31
F1AE0481C		4	2286	1
F1AE0481D		4	2286	1
F1AE0481A		4	2287	1
F1AE0481B		4	2287	1
F1AE0481FA		0	2287	1
F1AE0481GA		4	2287	1
F1AE0481HA		4	2287	1
803.A000 Diesel		3	2339	2
8140.61 Diesel		4	2445	3
8141.21.200 Diesel, Sofim Turbo		4	2445	4
8030.2 Diesel		3	2592	7
853A Diesel		3	2600	7
230A.000 Diesel		4	2693	5
8140.23	1996 -	4	2800	6
8140.63		4	2800	6
804A/.401 D Diesel		4	3117	7
8040.02 Diesel		4	3455	7
8040.05 Diesel		4	3611	14
8040.04 Diesel		4	3666	13
8040.06 Diesel		4	3900	14
8040 LTC/TC/TCA Diesel		4	3908	8
C03/020/021/041 Diesel		4	4562	9
8340.04/R.001 Diesel		4	4570	12
806.A/8060.01 D Diesel		6	4678	10
213.000 Diesel		6	4678	11
8065/8060.11/12 Diesel		6	5181	13
8060.02 Diesel		6	5184	13
8060.05 Diesel		6	5400	14
8340.05 Diesel		4	5401	12
8062.24/8060.04 Diesel		6	5499	13
8060.06		6	5900	14
604		4	6546	15
8360.04 Diesel		6	6850	17

Engine-Code	Years	Cyl	CC	Line
8361.04 Diesel		6	6850	17
604		4	6872	15
CP3 Diesel		6	7409	16
8360.05 Diesel		6	8102	17
8361.05 Diesel		6	8102	17
8360.03 Diesel		6	8102	18
220/H/8200.11 Diesel	1970 -	5	9161	20
8460.21 Diesel		6	9500	24
8220.02 Diesel		6	9572	19
8220.12 Diesel		6	9572	19
8220.22 Diesel Turbocharged		6	9572	19
8200.02/12 D Diesel	1970 -	6	9819	20
8200.03/13 Diesel	1970 -	6	10308	20
203/H Diesel		6	10676	21
203/A/61- 203H/61		6	11549	21
8260.02 Diesel		6	12900	22
8260.02	- 1983	5	12900	31
8260.02	1983 -	5	12900	23
8460.41 Diesel		6	13790	24
8210.02/12/22 Diesel		6	13798	25
8210.22 Diesel		6	13798	25
8210.42 Diesel		6	13798	26
8280.02 Diesel V8		8	17174	27
8280.22 Diesel V8		8	17174	28
8280.42 VB D Diesel		8	17174	29
330.35PT		5	17174	30
8280.02		5	17174	30
8281		5	17174	30
8280.01,02	1975 -	5	17174	31
8281 103, M32	1975 -	5	17174	31

Car Model Index: FIAT IVECO

Model	Engine	Years	Cyl	CC	Line
100 E 15 Eurocargo	8040 LTC/TC/TCA		4	3908	8
100 E 18 Eurocargo	8040 LTC/TC/TCA		4	3908	8
100 E 21	8040 LTC/TC/TCA		4	3908	8
110.14, 120.14, 129.14,	8360.04 Diesel		6	6850	17
110F, Bus	8062.24/8060.04		6	5499	13
115.17	8062.24/8060.04		6	5499	13
130 NC, NT, NR, AI	CP3 Diesel	1974-	6	7409	16
130 NC20,150	8220.02 Diesel	1978-	6	9572	19
150 NC 17	8360.05 Diesel		6	8102	17
150 NC 17	8360.03 Diesel		6	8102	18
150 NC, NR, NT	8360.05 Diesel		6	8102	17
159 NC 17	8360.05 Diesel		6	8102	17
159 NC 17	8360.03 Diesel		6	8102	18
159 NC20,159.20	8220.02 Diesel	1978-	6	9572	19
160 NC/NT/R	8200.03/13 Diesel		6	10308	20
160.26	8210.02/12/22	1977-	6	13798	25
165.24 R Turbo180.24	8220.22 Diesel	1978-	6	9572	19
170 NC20, 190 NC20,	8220.02 Diesel	1978-	6	9572	19
170.26, 170	8210.02/12/22	1977-	6	13798	25
170.33, 19.33	8280.01,02		5	17174	31
170NC,370. 35S, Bus	8280.01,02		5	17174	31
170NC.35, 170.NT.35	8280.02 Diesel V8		8	17174	27
170NC35	8280.02		5	17174	30

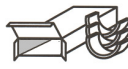




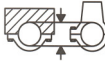


Model	Engine	Years	Cyl	CC	Line
170NT35	8280.02		5	17174	30
175.24	8460.21 Diesel		6	9500	24
180 N/NC/NT, 180.26,	8210.02/12/22	1977-	6	13798	25
190.20, 190 PAC20	8220.02 Diesel	1978	6	9572	19
190.24 TRU,190.26	8460.21 Diesel		6	9500	24
190.26, 190.26T,	8210.02/12/22	1977-	6	13798	25
190.30 N	8210.22 Diesel		6	13798	25
190.30, 190.30TRU,	8210.22 Diesel		6	13798	25
190.30H/HT	8210.22 Diesel		6	13798	25
190.30T	8210.02/12/22	1977-	6	13798	25
190.32 GV	8460.41 Diesel	1989-	6	13790	24
190.32 TRU	8460.41 Diesel	1989-	6	13790	24
190.32, G.V.	8210.22 Diesel		6	13798	25
190.33 TS	8210.22 Diesel		6	13798	25
190.33 Turbostar	8210.02/12/22	1977-	6	13798	25
190.35, 190.35T	8280.02 Diesel V8		8	17174	27
190.36 TS/TRU	8210.42 Diesel		6	13798	26
190.38, 190.42	8281		5	17174	30
190.42 Turbostar	8280.22 Diesel V8		8	17174	28
190.48 TS	8280.42 VB D		8	17174	29
190.48 TS	8281		5	17174	30
190.8, 190.38 TRU	8280.22 Diesel V8		8	17174	28
190.PC/PT 30	8210.22 Diesel		6	13798	25

Model	Engine	Years	Cyl	CC	Line
220.30 TRU	8210.22 Diesel		6	13798	25
220.32 TRU	8460.41 Diesel	1989-	6	13790	24
220.35T (6x2C)	8280.02 Diesel V8		8	17174	27
220.36 TRU	8210.42 Diesel		6	13798	26
220.38, 220.38 TRU	8280.22 Diesel V8		8	17174	28
240.26 TRU	8460.21 Diesel		6	9500	24
240.30, 240.30 TRU	8210.22 Diesel		6	13798	25
240.32 GV	8460.41 Diesel	1989-	6	13790	24
240.35, 260.35	8280.02 Diesel V8		8	17174	27
240.36 TRU	8210.42 Diesel		6	13798	26
240.36 TS	8210.42 Diesel		6	13798	26
240.38, 240.38 TRU	8280.22 Diesel V8		8	17174	28
240.48 TS	8280.42 VB D		8	17174	29
240.48 TS	8281		5	17174	30
260 PAC 26	8210.02/12/22	1977-	6	13798	25
260.30 TRU, 260.30 H	8210.22 Diesel		6	13798	25
260.32 TRU	8460.41 Diesel	1989-	6	13790	24
260.36, 260.36 TS	8210.42 Diesel		6	13798	26
260.48 TS	8280.42 VB D		8	17174	29
300 PC/PT (6x4)	8210.02/12/22	1977-	6	13798	25
300 PC/TC	8210.02/12/22	1977-	6	13798	25
306, 306/3, 310, 412/A	203/A/61- 203H/61	1966-	6	11549	21
306/2 Bus	203/H Diesel	-1966	6	10676	21
308, 308L, 331A, 309,	220/H/8200.11		5	9161	20
308/L, 343R/T, 418	8200.03/13 Diesel		6	10308	20
314, 314A, 414 Bus	213.000 Diesel		6	4678	11
314, 414, 416A, 314/2	8065/8060.11/12		6	5181	13
314/3, 316 Bus	8062.24/8060.04		6	5499	13
315, A90.13, A55.13	8062.24/8060.04		6	5499	13
315.8.17 Bus	8062.24/8060.04		6	5499	13
320.35PC	8210.02/12/22	1977-	6	13798	25
320.45 PTM	8280.02 Diesel V8		8	17174	27
329, 329A Bus	C03/020/021/041		4	4562	9
330.26 P, 330.30 H,	8210.02/12/22	1977-	6	13798	25
330.30 H/HT, 330	8210.22 Diesel		6	13798	25
330.35 PT	8280.02 Diesel V8		8	17174	27
330.35PC (6x4)	8280.02 Diesel V8		8	17174	27
330.35PT	8280.02 Diesel V8		8	17174	27
330.35PT/PC	330.35PT		5	17174	30
35 8 VE7, 35 8	8140.61 Diesel		4	2445	3
35 8 VJ	8140.61 Diesel		4	2445	3
370 S 24	8460.21 Diesel		6	9500	24
370.20 Bus	8220.02 Diesel	1978-	6	9572	19
370.25 Bus	8260.02 Diesel	1983-	6	12900	22
370.30, 370 S 30	8210.22 Diesel		6	13798	25
370.35 Bus	8260.02		5	12900	31
370.35, 370.S35	8280.02 Diesel V8		8	17174	27
40/35 NC-"6+1" 50NC,	8040.02 Diesel		4	3455	7
401 UM/UM2, 405.411	203/H Diesel	-1966	6	10676	21
40NC, 50NC, 55NC,	8040.05 Diesel		4	3611	14
40NC, 50NC, 55NC,	8040.06 Diesel	1983-	4	3900	14
410A Bus	203/A/61- 203H/61	1966-	6	11549	21
411 Bus	203/A/61- 203H/61	1966-	6	11549	21
421 A/AL/AZ Bus	8210.02/12/22	1977-	6	13798	25
4210, 420A, 5210, 1210	8200.03/13 Diesel		6	10308	20
470.20, 570.20, 670.20	8220.12 Diesel	1978-	6	9572	19
50.8, 55.8, 60.8,	8040.04 Diesel		4	3666	13
50A1, 65 PC (4x4),	8040.02 Diesel		4	3455	7
50F.10, 55F.10	8340.04/R.001		4	4570	12
50F.9, 55F.9, 50NC.9	8340.04/R.001		4	4570	12
60 E 10, 65 E 10	8040 LTC/TC/TCA		4	3908	8
60 E 12, 65 E 12	8040 LTC/TC/TCA		4	3908	8
60 E 14, 65 E 14	8040 LTC/TC/TCA		4	3908	8
60F.10, 65F.10	8340.04/R.001		4	4570	12
612 N2	803.A000 Diesel	1966-71	3	2339	2

Model	Engine	Years	Cyl	CC	Line
616 N2/N4	804A/.401 D Diesel		4	3117	7
616 N3	8030.2 Diesel	1971-	3	2592	7
616 N3	853A Diesel		3	2600	7
616 N3/N4, 625 N3	8040.02 Diesel		4	3455	7
616N,625N Trucks.	230A.000 Diesel	1965-	4	2693	5
619 N1/T1/N1P/T1P	8210.02/12/22	1977-	6	13798	25
625 N2	804A/.401 D Diesel		4	3117	7
643 N/N1/T/T1/E/EP	220/H/8200.11		5	9161	20
645 N - A/B/Z	213.000 Diesel		6	4678	11
645 N1, 650 N1/E 1,	806.A/8060.01 D	1967-	6	4678	10
645 N2/3,650 N3, 662	8065/8060.11/12	1967-	6	5181	13
65 Pc (6618 B)	8040.04 Diesel		4	3666	13
650 N - A/B/Z	213.000 Diesel		6	4678	11
655N/N1,672N,662 T	8065/8060.11/12	1967-	6	5181	13
662 N - A/B	213.000 Diesel		6	4678	11
662 N3	8060.02 Diesel	1967-	6	5184	13
6640/A (4x4)	8065/8060.11/12	1967-	6	5181	13
673 N, T, NR	CP3 Diesel	1974-	6	7409	16
682 N1/N2	203/H Diesel	-1966	6	10676	21
682 N2/T2/RN2	203/H Diesel	-1966	6	10676	21
682 N3/T3, N4/T4	203/A/61- 203H/61	1966-	6	11549	21
684 N/T, 690/4, 331A	8200.02/12 D		6	9819	20
684 T 9.2 Ton	8200.03/13 Diesel		6	10308	20
690 N/T	203/H Diesel	-1966	6	10676	21
690 N1/T1, N2/T2	203/A/61- 203H/61	1966-	6	11549	21
691 N/T/TS	8210.02/12/22	1977-	6	13798	25
697 N/T/NP/NT	8210.02/12/22	1977-	6	13798	25
70F.10, 75F.10	8340.04/R.001		4	4570	12
75 E 12 Eurocargo	8040 LTC/TC/TCA		4	3908	8
75 E 14 Eurocargo	8040 LTC/TC/TCA		4	3908	8
75 NC "6+1" Bus	8040.02 Diesel		4	3455	7
75 PC (4x4) PM	8065/8060.11/12	1967-	6	5181	13
75 PC, 75 PM, 90 PC,	8060.05 Diesel		6	5400	14
75 Pc, 75 Pm, 90 Pc, 90	8060.06	1983-	6	5900	14
79.13, 80.13, 90.13,	8060.05 Diesel		6	5400	14
79.13, 80.13, 90.13,	8060.06	1983-	6	5900	14
79.4, 80.14pc,	8062.24/8060.04		6	5499	13
79F.10	8340.04/R.001		4	4570	12
79F.13, 80F.13,	8062.24/8060.04		6	5499	13
80 E 15, 80 E 18, 80 E	8040 LTC/TC/TCA		4	3908	8
80 NC, 90 NC, 100 NC,	8060.05 Diesel		6	5400	14
80 Nc, 90 Nc, 100 Nc,	8060.06	1983-	6	5900	14
80.16 Turbo (4x4)	8062.24/8060.04		6	5499	13
80NC, 90NC,	8065/8060.11/12	1967-	6	5181	13
80R,AD7,BD7,FL7,FL8	604		4	6546	15
80R,AD7,BD7,FL7,FL8	604		4	6872	15
90 PC (4x4) PM110	8065/8060.11/12	1967-	6	5181	13
90 PM 16 Turbo	8062.24/8060.04		6	5499	13
A70.12,A60.10 Bus	8340.05 Diesel		4	5401	12
Bus 370.25	8260.02 Diesel	-1983	6	12900	22
Bus 370.25	8260.02		5	12900	23
C40, C50	213.000 Diesel		6	4678	11
Daily 30,32,35	8140.61 Diesel		4	2445	3
Daily 40 F 8	8140.61 Diesel		4	2445	3
Ducato 2.8D	8140.63		4	2800	6
Fiat Ducato (244) 2.3	F1AE0481C	04.2002-	4	2286	1
Fiat Ducato (244) 2.3	F1AE0481C	04.2002-	4	2286	1
Fiat Ducato (244, Z_)	F1AE0481C	04.2002-	4	2286	1
Fiat Ducato 120 Multijet	F1AE0481D	07.2006-	4	2286	1
Gamma Daily 30.8,32.8	8140.61 Diesel		4	2445	3
Gamma Daily 35 8D, 35	8140.61 Diesel		4	2445	3
Gamma Daily 35 8VE	8140.61 Diesel		4	2445	3
Gamma Daily 40 8VJ,40	8140.61 Diesel		4	2445	3
Industrial	8281		5	17174	30
Industrial	8281 I03, M32		5	17174	31

Model	Engine	Years	Cyl	CC	Line
Iveco Daily II 29L 10	F1AE0481A	09.2002-	4	2287	1
Iveco Daily II 29L 10V	F1AE0481A	09.2002-	4	2287	1
Iveco Daily II 29L 12	F1AE0481B	09.2002-	4	2287	1
Iveco Daily II 29L 12V	F1AE0481B	09.2002-	4	2287	1
Iveco Daily II 35C 10V,	F1AE0481A	09.2002-	4	2287	1
Iveco Daily II 35C 12,	F1AE0481B	09.2002-	4	2287	1
Iveco Daily II 35C 12V,	F1AE0481B	09.2002-	4	2287	1
Iveco Daily II 35S10	F1AE0481A	09.2002-	4	2287	1
Iveco Daily III 29L10,	F1AE0481FA	05.2006-	0	2287	1
Iveco Daily III 29L10V	F1AE0481FA	05.2006-	0	2287	1
Iveco Daily III 29L12,	F1AE0481GA	05.2006-	4	2287	1
Iveco Daily III 29L12V,	F1AE0481GA	05.2006-	4	2287	1
Iveco Daily III 29L14,	F1AE0481HA	05.2006-	4	2287	1
Iveco Daily III 29L14C,	F1AE0481HA	05.2006-	4	2287	1
Iveco Daily III 35C10,	F1AE0481FA	05.2006-	0	2287	1
Iveco Daily III 35C10K,	F1AE0481FA	05.2006-	0	2287	1
Iveco Daily III 35C10V,	F1AE0481FA	05.2006-	0	2287	1
Iveco Daily III 35C12,	F1AE0481GA	05.2006-	4	2287	1
Iveco Daily III 35C12K,	F1AE0481GA	05.2006-	4	2287	1
Iveco Daily III 35C12V,	F1AE0481GA	05.2006-	4	2287	1

Model	Engine	Years	Cyl	CC	Line
Iveco Daily III 35S14,	F1AE0481HA	05.2006-	4	2287	1
Iveco Daily III 35S14C,	F1AE0481HA	05.2006-	4	2287	1
Iveco Daily III 40C10,	F1AE0481FA	05.2006-	0	2287	1
Iveco Daily III 40C10V	F1AE0481FA	05.2006-	0	2287	1
Iveco Daily III 40C12,	F1AE0481GA	05.2006-	4	2287	1
Iveco Daily III 40C12V,	F1AE0481GA	05.2006-	4	2287	1
Marine	8281		5	17174	30
Marine	8281 I03, M32		5	17174	31
New Daily 30.10 MJ96	8140.23		4	2800	6
New Daily 30.10/12	8140.23		4	2800	6
New Daily 40.10(4x4)	8140.23		4	2800	6
New Daily 59.12 MJ96	8140.23		4	2800	6
OCI 55	604		4	6546	15
OCI 55	604		4	6872	15
T70,50C,60C,60CL,70C	604		4	6546	15
T70,50C,60C,60CL,70C	604		4	6872	15
Turbocity, U	8460.21 Diesel		6	9500	24
U 150, S 150 Bus	CP3 Diesel		6	7409	16

FIAT IVECO				FIAT IVECO				
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
1	F1AE0481C			2286 cc	91.00 X 88.00	4 cyl	Fiat Ducato (244) 2.3, Fiat Ducato (244) 2.3 JTD, Fiat Ducato (244, Z_) 2.3 JTD	1
	F1AE0481D			2286 cc	88.00 X 94.00	4 cyl	Fiat Ducato 120 Multijet 2.3 D	
	F1AE0481A			2287 cc	88.00 X 94.00	4 cyl	Iveco Daily II 29L 10, Iveco Daily II 29L 10V, Iveco Daily II 35C 10V, 35S 10, Iveco Daily II 35S10	
	F1AE0481B			2287 cc	88.00 X 94.00	4 cyl	Iveco Daily II 29L 12, Iveco Daily II 29L 12V, Iveco Daily II 35C 12, 35S 12, Iveco Daily II 35C 12V, 35S 12	
	F1AE0481FA			2287 cc		0 cyl	Iveco Daily III 29L10, 29L10D,, Iveco Daily III 29L10V, Iveco Daily III 35C10, 35C10D,, Iveco Daily III 35C10K,, Iveco Daily III 35C10V, 35S10V, Iveco Daily III 40C10, 40C10D,, Iveco Daily III 40C10V	
	F1AE0481GA			2287 cc	88.00 X 94.00	4 cyl	Iveco Daily III 29L12, 29L23/P, Iveco Daily III 29L12V,, Iveco Daily III 35C12, 35C12/P, Iveco Daily III 35C12K,, Iveco Daily III 35C12V,, Iveco Daily III 40C12, 40C12/P, Iveco Daily III 40C12V,	
	F1AE0481HA			2287 cc	88.00 X 94.00	4 cyl	Iveco Daily III 29L14, 29L14/P, Iveco Daily III 29L14C,, Iveco Daily III 35S14, 35S14/P, Iveco Daily III 35S14C,	






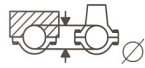


CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

FIAT IVECO				FIAT IVECO			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
CR1312CA STD/010/020 GLY:71-4080/4 OEM:2996204	C1312U C1312L	1 Pair		2.3234/ 2.3243 59.014/ 59.037	2.4737/ 2.4743 62.832/ 62.847	0.9350 23.75	0.0742 1.885
MB5445SI STD/010/020 GLY:H1020/5 OEM:2996449 (Blue)	M5445U/1 M5445L/1	3 Pairs		2.8024/ 2.8035 71.181/ 71.209	2.9759/ 2.9769 75.588/ 75.613	1.0630 27.00	0.0856 2.174
	F5445 M5445L/1	1 Pair		2.8024/ 2.8035 71.181/ 71.209	2.9759/ 2.9769 75.588/ 75.613	1.0630 27.00	0.0856 2.174
	M5445U/2 M5445L/2	1 Pair		2.9993/ 3.0003 76.182/ 76.208	3.1728/ 3.1738 80.589/ 80.615	1.0630 27.00	0.0856 2.174
2	803.A000 Diesel		2339 cc	95.00 X 109.99	3 cyl	612 N2	2
CR1209CP STD/010/020/030/040 CLE:CB-1155P(1) FMO:66630CP GLY:71-4229 VAN:VPR91809	C1209	1 Pair		2.3122/ 2.3127 58.730/ 58.743	2.4570/ 2.4575 62.408/ 62.421	1.1299 28.70	0.0720 1.829
MB 172CP STD/010/020/030/040 <i>Upper half with full annular groove and slot, lower half plain.</i> FMO:66631CPA GLY:72-4547 OEM:1901803 VAN:VPM91810	M5122U M 172L	1 Pair		2.9995/ 3.0000 76.187/ 76.200	3.1727/ 3.1735 80.587/ 80.607	0.9843 25.00	0.0860 2.184
3	8140.61 Diesel		2445 cc	93.00 X 90.00	4 cyl	35 8 VE7, 35 8, 35 8 VJ, Daily 30,32,35, Daily 40 F 8, Gamma Daily 30.8,32.8, Gamma Daily 35 8D, 35 8VE9, Gamma Daily 35 8VE 12, Gamma Daily 40 8VJ,40 8	3
CR4073CP STD/010/020/030/040/050/060 <i>Central oil hole - 1982</i> CLE:CB-1149P(4) FMO:4-66575CP GLA:B4721LB GLY:71-4185/4 K.S:77 155 600 OEM:1901926 VAN:VPR91914	C4073U C4160L	4 Pairs		2.2252/ 2.2258 56.520/ 56.535	2.3753/ 2.3758 60.333/ 60.345	0.9724 24.70	0.0743 1.887
CR4083CP STD/010/020/030/040 <i>Plain halves 1982 -</i> CLE:CB-1163P(4) FMO:4-1870CP GLA:B4122LB GLY:71-4310/4 VAN:VPR91915	C4083U C4161L	4 Pairs		2.2252/ 2.2258 56.520/ 56.535	2.3753/ 2.3758 60.333/ 60.345	0.9724 24.70	0.0743 1.887
MB5122CP STD/010/020/030/040 CLE:MS-1451P FMO:6564M GLA:M5389LB GLY:H1049/5 K.S:77 154 600 VAN:VPM91664	M5122U M5122L	4 Pairs	1-2-3-4	2.9995/ 3.0000 76.187/ 76.200	3.1727/ 3.1735 80.587/ 80.607	0.9843 25.00	0.0860 2.184
	F5122U F5122L	1 Pair	5	2.9995/ 3.0000 76.187/ 76.200	3.1727/ 3.1735 80.587/ 80.607	1.2578 31.95	0.0860 2.184
4	8141.21.200 Diesel, Sofim Turbo		2445 cc	93.00 X 90.00	4 cyl		4
CR4073CP STD/010/020/030/040/050/060 <i>Central oil hole - 1982</i> CLE:CB-1149P(4) FMO:4-66575CP GLA:B4721LB GLY:71-4185/4 K.S:77 155 600 OEM:1901926 VAN:VPR91914	C4073U C4160L	4 Pairs		2.2252/ 2.2258 56.520/ 56.535	2.3753/ 2.3758 60.333/ 60.345	0.9724 24.70	0.0743 1.887
CR4083CP STD/010/020/030/040 <i>Plain halves 1982 -</i> CLE:CB-1163P(4) FMO:4-1870CP GLA:B4122LB GLY:71-4310/4 VAN:VPR91915	C4083U C4161L	4 Pairs		2.2252/ 2.2258 56.520/ 56.535	2.3753/ 2.3758 60.333/ 60.345	0.9724 24.70	0.0743 1.887
CR4154CP STD/010/020/030/040 <i>1982 - Plane halves</i> GLY:71-4130/4 OEM:1901985 VAN:VPR92843	C4154	4 Pairs		2.2252/ 2.2258 56.520/ 56.535	2.3753/ 2.3759 60.333/ 60.348	0.9618 24.43	0.0748 1.900
MB5004CP STD/010/020/030 <i>1982 - 07300279 serie</i> FMO:7252M VAN:VPM92844	M5004U M5004L	4 Pairs	1-2-3-4	2.9995/ 3.0000 76.187/ 76.200	3.1727/ 3.1735 80.587/ 80.607	0.9843 25.00	0.0860 2.184
	F5004U F5004L	1 Pair	5	2.9995/ 3.0000 76.187/ 76.200	3.1727/ 3.1735 80.587/ 80.607	1.2578 31.95	0.0860 2.184

FIAT IVECO				FIAT IVECO			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
MB5122CP STD/010/020/030/040 - 1982 CLE:MS-1451P FMO:6564M GLA:M5389LB GLY:H1049/5 K.S:77 154 600 VAN:VPM91664	M5122U M5122L F5122U F5122L	4 Pairs 1 Pair	1-2-3-4 5	2.9995/ 3.0000 76.187/ 76.200 2.9995/ 3.0000 76.187/ 76.200	3.1727/ 3.1735 80.587/ 80.607 3.1727/ 3.1735 80.587/ 80.607	0.9843 25.00 1.2578 31.95	0.0860 2.184 0.0860 2.184
5	230A.000 Diesel		2693 cc	95.00 X 95.00	4 cyl	616N,625N Trucks.	5
CR1209CP STD/010/020/030/040 CLE:CB-1155P(1) FMO:66630CP GLY:71-4229 VAN:VPR91809	C1209	1 Pair		2.3122/ 2.3127 58.730/ 58.743	2.4570/ 2.4575 62.408/ 62.421	1.1299 28.70	0.0720 1.829
MB5091CP <i>Under Development</i> CLE:MS- 894P GLA:M5519LB VAN:VPM91185	MB5091U* MB5091L*	5 Pairs		2.6766/ 2.6772 67.986/ 68.001	2.8506/ 2.8499 72.405/ 72.387	1.0236 26.00	0.0860 2.184
6	8140.63 8140.23 8140.23.38 -1996 - 8140.23/43 -1996 -		2800 cc	94.40 X 100.00	4 cyl	Ducato 2.8D New Daily 30.10 MJ96, New Daily 30.10/12 MJ96, New Daily 40.10(4x4) MJ96, New Daily 59.12 MJ96	6
CR4154CP STD/010/020/030/040 1982 - <i>Plane halves</i> GLY:71-4130/4 OEM:1901985 VAN:VPR92843	C4154	4 Pairs		2.2252/ 2.2258 56.520/ 56.535	2.3753/ 2.3759 60.333/ 60.348	0.9618 24.43	0.0748 1.900
MB5014CP STD/010/020/030/040 GLA:M5616LB GLY:7345M VAN:VPM92890	M5014U M5014L F5014U F5014L	4 Pairs 1 Pair	1-2-3-4 5	3.1568/ 3.1578 80.183/ 80.208 3.3930/ 3.3940 86.182/ 86.208	3.3302/ 3.3313 84.587/ 84.615 3.5665/ 3.5675 90.589/ 90.615	0.9370 23.80 1.2185 30.95	0.0856 2.174 0.0856 2.174
7	8030.2 Diesel 853A Diesel 804A/.401 D Diesel 8040.02 Diesel		2592 cc 2600 cc 3117 cc 3455 cc	100.00 X 110.00 100.00 X 110.00 95.00 X 110.00 100.00 X 110.00	3 cyl 3 cyl 4 cyl 4 cyl	616 N3 616 N3 616 N2/N4, 625 N2 40/35 NC-"6+1" 50NC, 55NC,, 50A1, 65 PC (4x4), 6611A,70 NC, 616 N3/N4, 625 N3, 75 NC "6+1" Bus	7
CR1209CP STD/010/020/030/040 CLE:CB-1155P(1) FMO:66630CP GLY:71-4229 VAN:VPR91809	C1209	1 Pair		2.3122/ 2.3127 58.730/ 58.743	2.4570/ 2.4575 62.408/ 62.421	1.1299 28.70	0.0720 1.829
MB 172CP STD/010/020/030/040 <i>Upper half with full annular groove and slot, lower half plain.</i> FMO:66631CPA GLY:72-4547 OEM:1901803 VAN:VPM91810	M5122U M 172L	1 Pair		2.9995/ 3.0000 76.187/ 76.200	3.1727/ 3.1735 80.587/ 80.607	0.9843 25.00	0.0860 2.184
TW 255AM 645691- CLE:TW- 334S FMO:60076AFF GLY:A193/4 VAN:VPM95076	W 255D W 255E	1 Pair		3.3500/ 3.3598 85.090/ 85.339	4.1988/ 4.2047 106.650/106.799	0.0000 0.00	0.1350 3.429
8	8040 LTC/TC/TCA Diesel Turbocharged		3908 cc	104.00 X 115.00	4 cyl	100 E 15 Eurocargo Turbo, 100 E 18 Eurocargo Turbo, 100 E 21, 60 E 10, 65 E 10, 60 E 12, 65 E 12, 60 E 14, 65 E 14, 75 E 12 Eurocargo Turbo, 75 E 14 Eurocargo Turbo, 80 E 15, 80 E 18, 80 E 21	8
CR1208CP STD/010/020/030/040 CLE:CB-1297P(1) FMO:1010CPA GLA:B1143LB GLY:71-4389 OEM:1930201 VAN:VPR91978	C1208	1 Pair		2.5089/ 2.5096 63.726/ 63.744	2.6538/ 2.6544 67.407/ 67.422	1.1300 28.70	0.0715 1.816
CR4204CP STD/010/020 <i>Same as CR1208CP, but pack in 4 Pairs.</i>	C1208	4 Pairs		2.5089/ 2.5096 63.726/ 63.744	2.6538/ 2.6544 67.407/ 67.422	1.1300 28.70	0.0715 1.816

FIAT IVECO					FIAT IVECO			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
MB 192CP STD/010/020/030/040 GLA:M1106LB OEM:1930812 VAN:VPM92344	M 192U M 192L	1 Pair		3.1414/ 3.1421 79.792/ 79.809	3.3150/ 3.3160 84.201/ 84.226	0.9840 24.99	0.0858 2.179	
MB5076CP STD/010/020 <i>Same as MB 192CP, but pack in 5 Pairs.</i>	M 192U M 192L	5 Pairs		3.1414/ 3.1421 79.792/ 79.809	3.3150/ 3.3160 84.201/ 84.226	0.9840 24.99	0.0858 2.179	
TW 235AM FMO:1011BF GLY:A169/4 VAN:VPM95075	W 235D W 235E	2 Pairs		3.4555/ 3.4657 87.770/ 88.029	4.3902/ 4.4002 111.511/111.765	0.0000 0.00	0.1346 3.419	
9	C03/020/021/041 Diesel	4562 cc	110.00 X 120.00	4 cyl	329, 329A Bus		9	
CR 155CP STD/010/020/030/040/050 GLA:B1131LB GLY:71-4212 OEM:1901614 VAN:VPR91989	C4031	1 Pair		2.7505/ 2.7510 69.863/ 69.875	2.9020/ 2.9027 73.711/ 73.729	1.4370 36.50	0.0740 1.880	
CR4031CP STD/010/020/030/040 <i>Same as CR 155CP, but pack in 4 Pairs.</i> FMO:4-60115CP GLA:B1131LB VAN:VPR352	C4031	4 Pairs		2.7505/ 2.7510 69.863/ 69.875	2.9020/ 2.9027 73.711/ 73.729	1.4370 36.50	0.0740 1.880	
CS 313BB CLE:SH-1311S FMO:1425M GLA:C3073SA								
MB5571CP STD/010/020/030/040 FMO:6560M GLA:M5344LB GLY:H1175/5 VAN:VPM91408	M5571/1	3 Pairs	1-3-5	3.0000/ 3.0007 76.200/ 76.218	3.1742/ 3.1750 80.625/ 80.645	1.5940 40.49	0.0860 2.184	
	M5571/2	2 Pairs	2-4	3.0000/ 3.0007 76.200/ 76.218	3.1742/ 3.1750 80.625/ 80.645	1.2000 30.48	0.0860 2.184	
10	806.A/8060.01 D Diesel	4678 cc	95.00 X 110.00	6 cyl	645 N1, 650 N1/E 1, 662 N1		10	
CR1209CP STD/010/020/030/040 CLE:CB-1155P(1) FMO:66630CP GLY:71-4229 VAN:VPR91809	C1209	1 Pair		2.3122/ 2.3127 58.730/ 58.743	2.4570/ 2.4575 62.408/ 62.421	1.1299 28.70	0.0720 1.829	
MB 172CP STD/010/020/030/040 <i>Upper half with full annular groove and slot, lower half plain.</i> FMO:66631CPA GLY:72-4547 OEM:1901803 VAN:VPM91810	M5122U M 172L	1 Pair		2.9995/ 3.0000 76.187/ 76.200	3.1727/ 3.1735 80.587/ 80.607	0.9843 25.00	0.0860 2.184	
TW 255AM 645691- CLE:TW- 334S FMO:60076AFF GLY:A193/4 VAN:VPM95076	W 255D W 255E	1 Pair		3.3500/ 3.3598 85.090/ 85.339	4.1988/ 4.2047 106.650/106.799	0.0000 0.00	0.1350 3.429	
11	213.000 Diesel	4678 cc	95.00 X 110.00	6 cyl	314, 314A, 414 Bus, 645 N - A/B/Z, 650 N - A/B/Z, 662 N - A/B, C40, C50		11	
MB 172CP STD/010/020/030/040 <i>Upper half with full annular groove and slot, lower half plain.</i> FMO:66631CPA GLY:72-4547 OEM:1901803 VAN:VPM91810	M5122U M 172L	1 Pair		2.9995/ 3.0000 76.187/ 76.200	3.1727/ 3.1735 80.587/ 80.607	0.9843 25.00	0.0860 2.184	
12	8340.04/R.001 Diesel	4570 cc	115.00 X 110.00	4 cyl	50F.10, 55F.10, 50F.9, 55F.9, 50NC.9, 60F.10, 65F.10, 70F.10, 75F.10, 79F.10		12	
	8340.05 Diesel	5401 cc	115.00 X 130.00	4 cyl	A70.12,A60.10 Bus			
CR1213CP - 1982 CLE:CB-1187P(1) GLA:B1132LB GLY:71-4227 OEM:1901619 VAN:VPR91974	C1213	1 Pair		2.8536/ 2.8543 72.481/ 72.499	3.0195/ 3.0202 76.695/ 76.713	1.3752 34.93	0.0815 2.070	
CR1214CP 1982- CLE:CB-1174P(1) GLA:B1133LB GLY:71-4390 OEM:1901993 VAN:VPR91988	C1214	1 Pair		2.8536/ 2.8543 72.481/ 72.499	3.0195/ 3.0202 76.695/ 76.713	1.3752 34.93	0.0810 2.057	
MB5649CP STD/010/020/030/040 GLA:M5513LB GLY:H1048/5 OEM:1901827 VAN:VPM91858	M7742/1U M7742/1L	3 Pairs	1-3-5	3.1410/ 3.1417 79.781/ 79.799	3.3152/ 3.3160 84.206/ 84.226	1.6728 42.49	0.0858 2.179	
				3.1410/ 3.1417	3.3152/ 3.3160	1.2791	0.0858	

FIAT IVECO					FIAT IVECO			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
	M7742/2U M7742/2L	2 Pairs	2-4	79.781/ 79.799	84.206/ 84.226	32.49	2.179	
TW 235AM FMO:1011BF VAN:VPW95075	W 235D W 235E	2 Pairs		3.4555/ 3.4657 87.770/ 88.029	4.3902/ 4.4002 111.511/111.765	0.0000 0.00	0.1346 3.419	
13	8040.04 Diesel	3666 cc	103.00 X 110.00	4 cyl	50.8, 55.8, 60.8, 65PC(6618 B), 65 Pc (6618 B)		13	
	8065/8060.11/12 Diesel	5181 cc	100.00 X 110.00	6 cyl	314, 414, 416A, 314/2 Bus, 645 N2/3,650 N3, 662 N2/3,, 655N/N1,672N,662 T, 6640/A (4x4), 75 PC (4x4) PM, 80NC, 90NC, 100NC/EC, 90 PC (4x4) PM110 NC/PC/NR			
	8060.02 Diesel	5184 cc	100.00 X 110.00	6 cyl	662 N3			
	8062.24/8060.04 Diesel	5499 cc	103.00 X 110.00	6 cyl	110F, Bus, 115.17, 314/3, 316 Bus, 315, A90.13, A55.13 Bus, 315.8.17 Bus, 79.4, 80.14pc, 80.16PC95.14,, 79F.13, 80F.13, 90DF.13,, 80.16 Turbo (4x4), 90 PM 16 Turbo			
CR1209CP STD/010/020/030/040 CLE:CB-1155P(1) FMO:66630CP GLY:71-4229 VAN:VPR91809	C1209	1 Pair		2.3122/ 2.3127 58.730/ 58.743	2.4570/ 2.4575 62.408/ 62.421	1.1299 28.70	0.0720 1.829	
MB 172CP STD/010/020/030/040 <i>Upper half with full annular groove and slot, lower half plain.</i> FMO:66631CPA GLY:72-4547 OEM:1901803 VAN:VPM91810	M5122U M 172L	1 Pair		2.9995/ 3.0000 76.187/ 76.200	3.1727/ 3.1735 80.587/ 80.607	0.9843 25.00	0.0860 2.184	
TW 255AM 1977- 645691- CLE:TW- 334S FMO:60076AFF GLY:AL93/4 VAN:VPW95076	W 255D W 255E	1 Pair		3.3500/ 3.3598 85.090/ 85.339	4.1988/ 4.2047 106.650/106.799	0.0000 0.00	0.1350 3.429	
14	8040.05 Diesel	3611 cc	100.00 X 115.00	4 cyl	40NC, 50NC, 55NC, 65PC, 50.8,		14	
	8040.06 Diesel	3900 cc	104.00 X 115.00	4 cyl	40NC, 50NC, 55NC, 65PC, 50.8,			
	8060.05 Diesel	5400 cc	100.00 X 115.00	6 cyl	75 PC, 75 PM, 90 PC, 90 PM, 79.13, 80.13, 90.13, 100.13,, 80 NC, 90 NC, 100 NC, 110 NC			
	8060.06	5900 cc	104.00 X 115.00	6 cyl	75 Pc, 75 Pm, 90 Pc, 90 Pm, 79.13, 80.13, 90.13, 100.13,, 80 Nc, 90 Nc, 100 Nc, 110 Nc			
CR 183CP STD/010/020/030/040 CLE:CB-1296P(1) FMO:1010CP GLY:71-4104 OEM:1930181 VAN:VPR91975	C 183	1 Pair		2.5089/ 2.5096 63.726/ 63.744	2.6538/ 2.6544 67.407/ 67.422	1.1300 28.70	0.0715 1.816	
CR 677CP STD/010/020/030/040 <i>Same as CR 183CP, but pack in 6 Pairs.</i>	C 183	6 Pairs		2.5089/ 2.5096 63.726/ 63.744	2.6538/ 2.6544 67.407/ 67.422	1.1300 28.70	0.0715 1.816	
CR4203CP STD/010/020 <i>Same as CR 183CP, but pack in 4 Pairs.</i>	C 183	4 Pairs		2.5089/ 2.5096 63.726/ 63.744	2.6538/ 2.6544 67.407/ 67.422	1.1300 28.70	0.0715 1.816	
MB 147CP STD/010/020/030/040/050 FMO:1011CP GLA:M1073LB GLY:72-4546 OEM:1930176 VAN:VPM91976	M 147U M 147L	1 Pair		3.1414/ 3.1421 79.792/ 79.809	3.3150/ 3.3160 84.201/ 84.226	0.9840 24.99	0.0858 2.179	
MB5075CP STD/010/020	M 147U	5 Pairs		3.1414/ 3.1421 79.792/ 79.809	3.3150/ 3.3160 84.201/ 84.226	0.9840 24.99	0.0858 2.179	

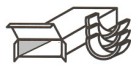




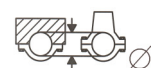


FIAT IVECO				FIAT IVECO			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
<i>Same as MB 147CP, but pack in 5 Pairs.</i>							
	M 147L						
MB7045CP STD/010/020/030/040 <i>Same as MB 147CP, but pack in 7 Pairs.</i>	M 147U M 147L	7 Pairs		3.1414/ 3.1421 79.792/ 79.809	3.3150/ 3.3160 84.201/ 84.226	0.9840 24.99	0.0858 2.179
TW 235AM FMO:1011BF GLY:A169/4 VAN:VFW95075	W 235D W 235E	2 Pairs		3.4555/ 3.4657 87.770/ 88.029	4.3902/ 4.4002 111.511/111.765	0.0000 0.00	0.1346 3.419
15	604		6546 cc	122.00 X 140.00	4 cyl	80R,AD7,BD7,FL7,FL8, OCI 55 HP/55L/R/T, T55, T55L, T60, T70,50C,60C,60CL,70C,70 CA,80C	15
	604		6872 cc	125.00 X 140.00	4 cyl	80R,AD7,BD7,FL7,FL8, OCI 55 HP/55L/R/T, T55, T55L, T60, T70,50C,60C,60CL,70C,70 CA,80C	
CR4344CP STD/010/020/030/040/.25/.5/.75/1.0 <i>SUPERSEDED BY CR4344CP</i> FMO:4-60085RA GLY:4-60085RA	C4344	4 Pairs		3.2730/ 3.2740 83.134/ 83.160	3.4370/ 3.4379 87.300/ 87.323	1.7420 44.25	0.0802 2.037
MB5387CP STD/010/020/030/040/.25/.5/.75/1.0 <i>SUPERSEDED BY MB5387CP</i> GLY:4327M	M5387/1	2 Pairs	1-3	3.6255/ 3.6264 92.088/ 92.111	3.8020/ 3.8029 96.571/ 96.594	1.6730 42.49	0.0862 2.189
	M5387/2	2 Pairs	2-4	3.6255/ 3.6264 92.088/ 92.111	3.8020/ 3.8029 96.571/ 96.594	1.2800 32.51	0.0862 2.189
	M5387/5	1 Pair	5	3.6255/ 3.6264 92.088/ 92.111	3.8020/ 3.8029 96.571/ 96.594	2.5390 64.49	0.0862 2.189
16	CP3 Diesel		7409 cc	110.00 X 130.00	6 cyl	130 NC, NT, NR, AI, 673 N, T, NR, U 150, S 150 Bus	16
CR 155CP STD/010/020/030/040/050 GLA:B1131LB GLY:71-4212 OEM:1901614 VAN:VPR91989	C4031	1 Pair		2.7505/ 2.7510 69.863/ 69.875	2.9020/ 2.9027 73.711/ 73.729	1.4370 36.50	0.0740 1.880
CR6693CP STD <i>Same as CR 155CP, but pack in 6 Pairs.</i> FMO:6-60115CP	C4031	6 Pairs		2.7505/ 2.7510 69.863/ 69.875	2.9020/ 2.9027 73.711/ 73.729	1.4370 36.50	0.0740 1.880
MB7007CP STD/010/020/030/040 FMO:6409M GLY:H1175/7 VAN:VPM91322	M5571/1	3 Pairs	1-4-7	3.0000/ 3.0007 76.200/ 76.218	3.1742/ 3.1750 80.625/ 80.645	1.5940 40.49	0.0860 2.184
	M5571/2	4 Pairs	2-3-5-6	3.0000/ 3.0007 76.200/ 76.218	3.1742/ 3.1750 80.625/ 80.645	1.2000 30.48	0.0860 2.184
TW 252AM FMO:60116AF GLA:W2265L GLY:60116AF VAN:VPW105	W 252D W 252E	1 Pair		3.2480/ 3.2539 82.499/ 82.649	4.0000/ 4.0098 101.600/101.849	0.0000 0.00	0.0930 2.362
17	8360.04 Diesel		6850 cc	115.00 X 110.00	6 cyl	110.14, 120.14, 129.14, 130.14	17
	8361.04 Diesel		6850 cc	115.00 X 110.00	6 cyl		
	8361.05 Diesel		8102 cc	115.00 X 130.00	6 cyl		
	8360.05 Diesel		8102 cc	115.00 X 130.00	6 cyl	150 NC 17, 150 NC, NR, NT, 159 NC 17	
CR1213CP - 1982 CLE:CB-1187P(1) GLA:B1132LB GLY:71-4227 OEM:1901619 VAN:VPR91974	C1213	1 Pair		2.8536/ 2.8543 72.481/ 72.499	3.0195/ 3.0202 76.695/ 76.713	1.3752 34.93	0.0815 2.070
CR1214CP 1982- CLE:CB-1174P(1) GLA:B1133LB GLY:71-4390 OEM:1901993 VAN:VPR91988	C1214	1 Pair		2.8536/ 2.8543 72.481/ 72.499	3.0195/ 3.0202 76.695/ 76.713	1.3752 34.93	0.0810 2.057

FIAT IVECO					FIAT IVECO			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
MB7742CP STD/010/020/030 GLA:M7436LB GLY:H1048/7 OEM:1901832 VAN:VPM91859	M7742/1U M7742/1L	3 Pairs	1-4-7	3.1410/ 3.1417 79.781/ 79.799	3.3152/ 3.3160 84.206/ 84.226	1.6732 42.50	0.0860 2.184	
	M7742/2U M7742/2L	4 Pairs	2-3-5-6	3.1410/ 3.1417 79.781/ 79.799	3.3152/ 3.3160 84.206/ 84.226	1.2795 32.50	0.0860 2.184	
TW 235AM FMO:1011BF GLY:A169/4 VAN:VPW95075	W 235D W 235E	2 Pairs		3.4555/ 3.4657 87.770/ 88.029	4.3902/ 4.4002 111.511/111.765	0.0000 0.00	0.1346 3.419	
18	8360.03 Diesel		8102 cc	115.00 X 130.00	6 cyl	150 NC 17, 159 NC 17	18	
CR1213CP - 1982 CLE:CB-1187P(1) GLA:B1132LB GLY:71-4227 OEM:1901619 VAN:VPR91974	C1213	1 Pair		2.8536/ 2.8543 72.481/ 72.499	3.0195/ 3.0202 76.695/ 76.713	1.3752 34.93	0.0815 2.070	
MB7742CP STD/010/020/030 GLA:M7436LB GLY:H1048/7 OEM:1901832 VAN:VPM91859	M7742/1U M7742/1L	3 Pairs	1-4-7	3.1410/ 3.1417 79.781/ 79.799	3.3152/ 3.3160 84.206/ 84.226	1.6732 42.50	0.0860 2.184	
	M7742/2U M7742/2L	4 Pairs	2-3-5-6	3.1410/ 3.1417 79.781/ 79.799	3.3152/ 3.3160 84.206/ 84.226	1.2795 32.50	0.0860 2.184	
TW 235AM FMO:1011BF GLY:A169/4 VAN:VPW95075	W 235D W 235E	2 Pairs		3.4555/ 3.4657 87.770/ 88.029	4.3902/ 4.4002 111.511/111.765	0.0000 0.00	0.1346 3.419	
19	8220.02 Diesel		9572 cc	125.00 X 130.00	6 cyl	130 NC20,150 NC20,150.20,, 159 NC20,159.20, 170 NC20, 190 NC20, 170.20, 190.20, 190 PAC20, 370.20 Bus	19	
	8220.12 Diesel		9572 cc	125.00 X 130.00	6 cyl	470.20, 570.20, 670.20 Bus		
	8220.22 Diesel Turbocharged		9572 cc	125.00 X 130.00	6 cyl	165.24 R Turbo180.24 Turbo		
CR6726CP STD./25/.5 FMO:6-66545CP GLA:B6625LB GLY:71-4386/6 VAN:VPR91767	C6726	6 Pairs		2.9996/ 3.0004 76.190/ 76.210	3.1663/ 3.1670 80.424/ 80.442	1.4291 36.30	0.0820 2.083	
MB7048CP STD./25/.5 FMO:6555M GLA:M7454LB GLY:H1180/7 VAN:VPM91768	M7048/1U M7048/1L	6 Pairs	1-3,5-7	3.3850/ 3.3858 85.979/ 85.999	3.6220/ 3.6228 91.999/ 92.019	1.5551 39.50	0.1170 2.972	
	M7048/4U M7048/4L	1 Pair	4	3.3850/ 3.3858 85.979/ 85.999	3.6220/ 3.6228 91.999/ 92.019	1.7913 45.50	0.1170 2.972	
20	220/H/8200.11 Diesel	1970 -	9161 cc	120.00 X 135.00	5 cyl	308, 308L, 331A, 309, 309/1,, 643 N/N1/T/T1/E/EP	20	
	8200.02/12 D Diesel	1970 -	9819 cc	122.00 X 140.00	6 cyl	684 N/T, 690/4, 331A		
	8200.03/13 Diesel	1970 -	10308 cc	125.00 X 140.00	6 cyl	160 NC/NT/R, 308/L, 343R/T,418 AC/AL/A Bus, 4210, 420A, 5210, 1210 Bus, 684 T 9.2 Ton		
CR1319CP STD/010/020/030/040 1 pair version of CR6763CP GLY:66515CP (1)	C6763	1 Pair		2.9508/ 2.9516 74.950/ 74.971	3.0986/ 3.0993 78.704/ 78.722	1.3346 33.90	0.0720 1.829	
CR6763CP GLA:B6523LB GLY:6-66515CP VAN:VPR91738	C6763	6 Pairs		2.9508/ 2.9516 74.950/ 74.971	3.0986/ 3.0993 78.704/ 78.722	1.3346 33.90	0.0720 1.829	
MB7088CP Under Development GLA:M7252LB GLY:H1179/7 VAN:VPM91739	M7088/1U* M7088/1L*	1 Pair	1	3.6245/ 3.6255 92.062/ 92.088	3.8025/ 3.8030 96.584/ 96.596	1.4701 37.34	0.0862 2.189	
	M7088/2U* M7088/2L*	4 Pairs	2-3-5-6	3.6245/ 3.6255 92.062/ 92.088	3.8025/ 3.8030 96.584/ 96.596	1.2898 32.76	0.0862 2.189	
	M7088/4U* M7088/4L*	1 Pair	4	3.6245/ 3.6255 92.062/ 92.088	3.8025/ 3.8030 96.584/ 96.596	2.3398 59.43	0.0862 2.189	
	M7088/7U*	1 Pair	7	3.6245/ 3.6255 92.062/ 92.088	3.8025/ 3.8030 96.584/ 96.596	1.4701 37.34	0.0862 2.189	

FIAT IVECO				FIAT IVECO			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
TW 240CP VAN:VPW95033							
21	203/H Diesel	10676 cc	125.00 X 145.00	6 cyl	306/2 Bus, 401 UM/UM2, 405.411 Bus, 682 N1/N2, 682 N2/T2/RN2, 690 N/T		21
	203/A/61- 203H/61 310H/61 Diesel	11549 cc	130.00 X 145.00	6 cyl	306, 306/3, 310, 412/A, 410A Bus, 411 Bus, 682 N3/T3, N4/T4, 690 N1/T1, N2/T2		
CR6632CP STD/010/020/030/040/050/060 CLE:CB- 808P(6) FMO:6-60065CP GLY:71-4221/6 VAN:VPR91168	C6632	6 Pairs		3.2205/ 3.2215 81.801/ 81.826	3.3690/ 3.3700 85.573/ 85.598	1.7030 43.26	0.0720 1.829
MB 790CP STD/010/020/030/040/050/060 CLE:MS- 782P FMO:4518M GLY:H1132/7 VAN:VPM355	M 790/1R M 790/1L	1 Pair	1	3.6245/ 3.6255 92.062/ 92.088	3.8025/ 3.8030 96.584/ 96.596	2.1650 54.99	0.0862 2.189
	M 790/2	4 Pairs	2-3-5-6	3.6245/ 3.6255 92.062/ 92.088	3.8025/ 3.8030 96.584/ 96.596	1.2990 32.99	0.0862 2.189
	M 790/4	1 Pair	4	3.6245/ 3.6255 92.062/ 92.088	3.8025/ 3.8030 96.584/ 96.596	2.6380 67.01	0.0862 2.189
	M 790/7R M 790/7L	1 Pair	7	3.6245/ 3.6255 92.062/ 92.088	3.8025/ 3.8030 96.584/ 96.596	2.7950 70.99	0.0862 2.189
TW 240CP VAN:VPW95033							
22	8260.02 Diesel	12900 cc	145.00 X 130.00	6 cyl	370.25 Bus, Bus 370.25		22
CR1210CP Under Development -060538 FMO:66495CP VAN:VPR91972	CR 860*	1 Pair		3.6582/ 3.6591 92.918/ 92.941	3.8563/ 3.8572 97.950/ 97.973	1.3689 34.77	0.0972 2.469
CR1211CP Under Development 060539-076964 1983- GLA:B1126 VAN:VPR91983	CR 876	1 Pair		3.7094/ 3.7103 94.219/ 94.242	3.8563/ 3.8572 97.950/ 97.973	1.3295 33.77	0.0716 1.819
MB 177CP Under Development -1983 GLA:M1091LB VAN:VPM91987	M5015U* M5015L*	1 Pair		4.3293/ 4.3301 109.964/109.985	4.6457/ 4.6465 118.001/118.021	1.5965 40.55	0.1560 3.962
MB 178CP 1983- GLA:M1095LB GLY:72-4548 VAN:VPM91980	M5016U M5016L	1 Pair		4.4478/ 4.4486 112.974/112.994	4.6457/ 4.6465 118.001/118.021	1.5965 40.55	0.0972 2.469
23	8260.02	1983 - 12900 cc	145.00 X 130.00	5 cyl	Bus 370.25		23
CR 876CP STD/010 Locating lug distance from right hand - 2.7 mm GLA:B1126LB(8) VAN:VPR91983(8)	C 876	8 Pairs		3.7094/ 3.7103 94.219/ 94.242	3.8563/ 3.8572 97.950/ 97.973	1.3295 33.77	0.0716 1.819
MB5016CP STD/010 FMO:66706CP	M5016U M5016L	5 Pairs	1-5	4.4486/ 4.4478 112.994/112.974	4.6457/ 4.6465 118.001/118.021	1.5965 40.55	0.0972 2.469
24	8460.21 Diesel	9500 cc	120.00 X 140.00	6 cyl	175.24, 190.24 TRU, 190.26 TRU, 240.26 TRU, 370 S 24, Turbocity, U		24
	8460.41 Diesel	13790 cc	137.00 X 156.00	6 cyl	190.32 GV, 190.32 TRU, 220.32 TRU, 240.32 GV, 260.32 TRU		
CR 131CP FMO: 1230CP GLA:B1150LB GLY:71-4284 VAN:VPR92346	C 131U C 131L	1 Pair		3.2275/ 3.2283 81.979/ 81.999	3.3942/ 3.3951 86.213/ 86.236	1.3937 35.40	0.0820 2.083
MB7047CP FMO:7024M GLA:M7456LB GLY:H1072/7 VAN:VPM92345	M7047/1U M7047/1L	6 Pairs	1-3,5-7	3.5417/ 3.5425 89.959/ 89.980	3.7795/ 3.7804 95.999/ 96.022	1.2894 32.75	0.1180 2.997
				3.5417/ 3.5425	3.7795/ 3.7804	1.7520	0.1180

FIAT IVECO				FIAT IVECO				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
	M7047/4U M7047/4L	1 Pair	4	89.959/ 89.980	95.999/ 96.022	44.50	2.997	
25	8210.02/12/22 Diesel	13798 cc	137.00 X 156.00	6 cyl	160.26, 170.26, 170 NC/NT.26P, 170.30, 180 N/NC/NT, 180.26, 180.26T, 190.26, 190.26T, 190.PC 26., 190.30T, 190.33 Turbostar, 260 PAC 26, 300 PC/PT (6x4), 300 PC/TC, 320.35PC, 330.26 P, 330.30 H, 330.35 PC, 421 A/AL/AZ Bus, 619 N1/T1/N1P/T1P, 691 N/T/TS, 697 N/T/NP/NT		25	
	8210.22 Diesel	13798 cc	137.00 X 156.00	6 cyl	190.30 N, 190.30, 190.30TRU, 190.30GV, 190.30H/HT, 190.32, G.V., 190.33 TS, 190.PC/PT 30, 220.30 TRU, 240.30, 240.30 TRU, 260.30 TRU, 260.30 H, 330.30 H/HT, 330 PC.PT 30, 370.30, 370 S 30			
	CR6633CP STD/010/020/030 -184187 With oil hole. CLE:CB-1195P (6) FMO:6-66520CP GLA:B6607LB GLY:71-4385/6 VAN:VPR91740	C6633	6 Pairs		3.3351/ 3.3360 84.712/ 84.734	3.4835/ 3.4844 88.481/ 88.504	1.6240 41.25	0.0720 1.829
	CR6721CP STD/010/020 184187 - Plain halves. CLE:CB-1337P (6) FMO:6-1675CP GLA:B6626LB GLY:71-4215/6 VAN:VPR91970	C6721	6 Pairs		3.3351/ 3.3360 84.712/ 84.734	3.4835/ 3.4844 88.481/ 88.504	1.5846 40.25	0.0720 1.829
	MB 791CP STD/010/020/030 FMO:6549M GLY:H1047/7 VAN:VPM91741	M 791/4U M 791/4L	1 Pair	4	4.0503/ 4.0512 102.878/102.900	4.2510/ 4.2520 107.975/108.001	2.1250 53.98	0.0982 2.494
		M 791/2U M 791/2L	4 Pairs	2-3-5-6	4.0503/ 4.0512 102.878/102.900	4.2510/ 4.2520 107.975/108.001	1.3710 34.82	0.0982 2.494
		M 791/7U M 791/1L	1 Pair	7	4.0503/ 4.0512 102.878/102.900	4.2510/ 4.2520 107.975/108.001	1.4730 37.41	0.0982 2.494
		M 791/1U M 791/1L	1 Pair	1	4.0503/ 4.0512 102.878/102.900	4.2510/ 4.2520 107.975/108.001	1.4730 37.41	0.0982 2.494
26	8210.42 Diesel	13798 cc	137.00 X 156.00	6 cyl	190.36 TS/TRU, 220.36 TRU, 240.36 TRU, 240.36 TS, 260.36, 260.36 TS		26	
	CR6721CP STD/010/020 184187 - Plain halves. CLE:CB-1337P (6) FMO:6-1675CP GLA:B6626LB GLY:71-4215/6 VAN:VPR91970	C6721	6 Pairs		3.3351/ 3.3360 84.712/ 84.734	3.4835/ 3.4844 88.481/ 88.504	1.5846 40.25	0.0720 1.829
	MB 791CP STD/010/020/030 FMO:6549M GLY:H1047/7 VAN:VPM91741	M 791/4U M 791/4L	1 Pair	4	4.0503/ 4.0512 102.878/102.900	4.2510/ 4.2520 107.975/108.001	2.1250 53.98	0.0982 2.494
		M 791/2U M 791/2L	4 Pairs	2-3-5-6	4.0503/ 4.0512 102.878/102.900	4.2510/ 4.2520 107.975/108.001	1.3710 34.82	0.0982 2.494
		M 791/7U M 791/1L	1 Pair	7	4.0503/ 4.0512 102.878/102.900	4.2510/ 4.2520 107.975/108.001	1.4730 37.41	0.0982 2.494
		M 791/1U M 791/1L	1 Pair	1	4.0503/ 4.0512 102.878/102.900	4.2510/ 4.2520 107.975/108.001	1.4730 37.41	0.0982 2.494
27	8280.02 Diesel v8	17174	145.00 X	8 cyl	170NC.35, 170.NT.35,		27	

FIAT IVECO				FIAT IVECO			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
		cc	130.00			190.35, 190.35T, 220.35T (6x2C), 240.35, 260.35, 320.45 PTM, 330.35 PT, 330.35PC (6x4), 330.35PT, 370.35, 370.S35	
CR1210CP <i>Under Development</i> -060538 FMO:66495CP VAN:VPR91972	CR 860*	1 Pair		3.6582/ 3.6591 92.918/ 92.941	3.8563/ 3.8572 97.950/ 97.973	1.3689 34.77	0.0972 2.469
CR1211CP <i>Under Development</i> 060539-076964 1983- GLA:B1126 VAN:VPR91983	CR 876	1 Pair		3.7094/ 3.7103 94.219/ 94.242	3.8563/ 3.8572 97.950/ 97.973	1.3295 33.77	0.0716 1.819
CR1212CP 076965- GLA:B1149 GLY:71-4108 VAN:VPR92328	C 877	1 Pair		3.7094/ 3.7103 94.219/ 94.242	3.8563/ 3.8572 97.950/ 97.973	1.3295 33.77	0.0716 1.819
MB 177CP <i>Under Development</i> -060538 GLA:M1091LB VAN:VPM91987	M5015U* M5015L*	1 Pair		4.3293/ 4.3301 109.964/109.985	4.6457/ 4.6465 118.001/118.021	1.5965 40.55	0.1560 3.962
MB 178CP 060539- GLA:M1095LB GLY:72-4548 VAN:VPM91980	M5016U M5016L	1 Pair		4.4478/ 4.4486 112.974/112.994	4.6457/ 4.6465 118.001/118.021	1.5965 40.55	0.0972 2.469
28	8280.22 Diesel V8	17174 cc	145.00 X 130.00	8 cyl	190.42 Turbostar, 190.8, 190.38 TRU, 220.38, 220.38 TRU, 240.38, 240.38 TRU	28	
CR1211CP <i>Under Development</i> 060539-076964 1983- GLA:B1126 VAN:VPR91983	CR 876	1 Pair		3.7094/ 3.7103 94.219/ 94.242	3.8563/ 3.8572 97.950/ 97.973	1.3295 33.77	0.0716 1.819
CR1212CP 076965- GLA:B1149 GLY:71-4108 VAN:VPR92328	C 877	1 Pair		3.7094/ 3.7103 94.219/ 94.242	3.8563/ 3.8572 97.950/ 97.973	1.3295 33.77	0.0716 1.819
MB 178CP GLA:M1095LB GLY:72-4548 VAN:VPM91980	M5016U M5016L	1 Pair		4.4478/ 4.4486 112.974/112.994	4.6457/ 4.6465 118.001/118.021	1.5965 40.55	0.0972 2.469
29	8280.42 VB D Diesel	17174 cc	145.00 X 130.00	8 cyl	190.48 TS, 240.48 TS, 260.48 TS	29	
CR1212CP 076965- GLA:B1149 GLY:71-4108 VAN:VPR92328	C 877	1 Pair		3.7094/ 3.7103 94.219/ 94.242	3.8563/ 3.8572 97.950/ 97.973	1.3295 33.77	0.0716 1.819
MB 178CP GLA:M1095LB GLY:72-4548 VAN:VPM91980	M5016U M5016L	1 Pair		4.4478/ 4.4486 112.974/112.994	4.6457/ 4.6465 118.001/118.021	1.5965 40.55	0.0972 2.469
30	8280.02 8280.02 - 8280..22TD - 8280.42 - 330.35PT 8281 8281 SRI-10VTD - 8281 SI 10 - 8281 SRM 44 -	17174 cc	145.00 X 130.00	5 cyl	170NC35, 170NT35 330.35PT/PC 190.38, 190.42 Turbostar, 190.48 TS, 240.48 TS, Industrial, Marine	30	
CR 876CP ^{STD/010} <i>Locating lug distance from right hand - 2.7 mm</i> GLA:B1126LB(8) VAN:VPR91983(8)	C 876	8 Pairs		3.7094/ 3.7103 94.219/ 94.242	3.8563/ 3.8572 97.950/ 97.973	1.3295 33.77	0.0716 1.819
CR 877CP ^{STD/010} <i>Locating lug distance from right hand - 3.7 mm</i> FMO:8-1685CP GLA:B1149LB(8) VAN:VPR92328(8)	C 877	8 Pairs		3.7094/ 3.7103 94.219/ 94.242	3.8563/ 3.8572 97.950/ 97.973	1.3295 33.77	0.0716 1.819

FIAT IVECO					FIAT IVECO				
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness		
MB5016CP _{STD/010} FMO: 66706CP	M5016U M5016L	5 Pairs	1-5	4.4486/ 4.4478 112.994/112.974	4.6457/ 4.6465 118.001/118.021	1.5965 40.55	0.0972 2.469		
31				0 cyl			31		
8260.02	- 1983	12900 cc	145.00 X 130.00	5 cyl	370.35 Bus				
8280.01,02	1975 -	17174 cc	145.00 X 139.00	5 cyl	170.33, 19.33, 170NC,370.35S, Bus 370.35				
8281 I03, M32	1975 -	17174 cc	145.00 X 130.00	5 cyl	Industrial, Marine				
CR 860CP Under Development GLA: B1137LB (8) VAN: VPR91972 (8)	CR 860*	8 Pairs		3.6582/ 3.6591 92.918/ 92.941	3.8563/ 3.8572 97.950/ 97.973	1.3689 34.77	0.0972 2.469		
MB5015AM									

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Engine-Code	Years	Cyl	CC	Line
		0	0	37
		0	0	37
		0	0	37
67 (1.1L) OHV	1971-73	4	1100	4
79CI /1.3Liter L4 Mazda SOHC, 8	01/1988-	4	1295	1
B6-T L4 Mazda 98CI /1.6Liter,	01/1990-	4	1597	6
BD-ZE L4 Mazda 98CI /1.6Liter,	01/1990-	4	1597	6
B6 L4 Mazda 98CI /1.6Liter,	01/1987-	4	1598	6
98CI /1.6Liter L4 SOHC, 8	01/1981-	4	1598	2
98CI /1.6Liter L4 SOHC, 8	01/1984-	4	1598	2
3036E L4 98CI /1.6Liter, OHV, 8	01/1978-	4	1599	3
2737E L4 98CI /1.6Liter, OHV, 8	01/1971-	4	1599	4
RTA,RTB L4 107CI /1.8Liter,	07/1988-	4	1753	5
RTC,RTD L4 107CI /1.8Liter,	03/1989-	4	1753	5
RTE L4 107CI /1.8Liter, SOHC, 8	07/1990-	4	1753	5
RTK,RTJ L4 107CI /1.8Liter,	11/1995-	4	1753	5
VB L4 Mazda 110CI /1.8Liter,	01/1972-	4	1796	14
BP-ZE L4 Mazda 112CI /1.8Liter,	01/1991-	4	1839	6
114CI /1.9Liter L4 SOHC, 8	01/1987-	4	1868	9
114CI /1.9Liter L4 SOHC, 8	01/1985-	4	1868	7
121CI /2.0Liter V4 DURATEC,	01/2004-	4	1982	8
121CI /2.0Liter L4 SOHC, 8	01/1997-	4	1989	9
121CI /2.0Liter L4 SOHC, 8	01/1983-	4	1989	16
121CI /2.0Liter V4 ZETEC,	01/1995-	4	1989	10
FS-DE L4 Mazda 122CI /2.0Liter,	01/1993-	4	1991	11
122CI /2.0Liter L4 SOHC, 8	01/1971-	4	1993	12
RF L4 Mazda 122CI /2.0Liter,	01/1984-	4	1998	13
121 (2.0L) Mazda MB SOHC 8	1979-82	4	2000	14
133CI /2.2Liter L4 Mazda SOHC,	01/1989-	4	2179	15
133CI /2.2Liter L4 Mazda SOHC,	01/1989-	4	2179	15
140CI /2.3Liter L4 SOHC, 8	01/1974-	4	2294	16
140CI /2.3Liter L4 SOHC, 8	01/1979-	4	2294	16
140CI /2.3Liter L4 HSC, OHV, 8	01/1984-	4	2294	17
140CI /2.3Liter L4 DURATEC,	01/2001-	4	2294	18
140CI /2.3Liter L4 DURATEC,	01/2005-	4	2294	18

Engine-Code	Years	Cyl	CC	Line
140CI /2.3Liter L4 SOHC, 8	01/1989-	4	2294	19
140CI /2.3Liter L4 SOHC, 8	01/1989-	4	2294	19
140CI /2.3Liter L4 HSC, OHV, 8	01/1986-	4	2294	20
140CI /2.3Liter L4 Mitsubishi	01/1985-	4	2300	21
144CI /2.4Liter L6 OHV, 12	01/1960-	6	2358	33
KL-ZE V6 Mazda 152CI /2.5Liter,	01/1993-	6	2497	22
153CI /2.5Liter L4 HSC, OHV, 8	01/1986-	4	2507	23
153CI /2.5Liter L4 SOHC, 8	01/1998-	4	2507	24
155CI /2.5Liter V6 DURATEC,	01/1995-	6	2540	31
156CI /2.6Liter V6 OHV, 12	01/1972-	6	2551	25
170CI /2.8Liter L6 OHV, 12	01/1961-	6	2786	33
171CI /2.8Liter V6 OHV, 12	01/1983-	6	2792	26
171CI /2.8Liter V6 OHV, 12	01/1974-	6	2792	27
177CI /2.9Liter V6 OHV, 12	01/1986-	6	2900	28
177CI /2.9Liter V6 OHV, 12	01/1990-	6	2900	29
182CI /3.0Liter V6 VULCAN,	01/1986-	6	2982	30
181CI /3.0Liter V6 Nissan SOHC,	01/1993-	6	2982	32
181CI /3.0Liter V6 DURATEC,	01/1996-	6	2982	31
200CI /3.3Liter V6 Nissan SOHC,	01/1999-	6	3275	32
200CI /3.3Liter L6 OHV, 12	01/1963-	6	3277	33
200CI /3.3Liter L6 OHV, 12	01/1965-	6	3277	34
200CI /3.3Liter L6 OHV, 12	-	6	3277	35
200CI /3.3Liter L6 OHV, 12	01/1976-	6	3277	36
220CI /3.6Liter L4 Dagenham,	01/1960-	4	3611	37
221CI /3.6Liter V8 OHV, 16	01/1962-	8	3622	52
232CI /3.8Liter V6 OHV, 12	01/1982-	6	3801	38
232CI /3.8Liter V6 OHV, 12	01/1996-	6	3801	43
232CI /3.8Liter V6 OHV, 12	01/1989-	6	3801	39
238CI /3.9Liter V6 OHV, 12	01/2004-	6	3900	43
239CI /3.9Liter V8 OHV, 16	01/1954-	8	3917	50
240CI /3.9Liter L6 OHV, 12	01/1965-	6	3933	51
245CI /4.0Liter V6 OHV, 12	01/1990-	6	4014	40
245CI /4.0Liter V6 SOHC, 12	01/1997-	6	4014	41
245CI /4.0Liter V6 SOHC, 12	01/2002-	6	4014	41
250CI /4.1Liter L6 OHV, 12	01/1969-	6	4096	42

Engine-Code	Years	Cyl	CC	Line
255CI /4.2Liter V8 OHV, 16	01/1980-	8	4178	52
256CI /4.2Liter V6 TRITON,	01/1997-	6	4195	43
256CI /4.2Liter V8 OHV, 16	01/1954-	8	4196	50
260CI /4.3Liter V8 OHV, 16	01/1962-	8	4261	52
272CI /4.5Liter V8 OHV, 16	01/1955-	8	4458	50
281CI /4.6Liter V8 W/ CAST	01/2006-	8	4604	44
281CI /4.6Liter V8 ROMEO W/	01/1995-	8	4604	44
281CI /4.6Liter V8 ROMEO W/	01/1993-	8	4604	44
281CI /4.6Liter V8 DOHC, 32	01/1996-	8	4604	45
281CI /4.6Liter V8 IN TECH,	01/1993-	8	4604	45
281CI /4.6Liter V8 DOHC, 32	01/2003-	8	4604	45
281CI /4.6Liter V8 TRITON	01/1993-	8	4604	46
281CI /4.6Liter V8 ROMEO, W/	01/1991-	8	4604	47
281CI /4.6Liter V8 WINDSOR,	01/1993-	8	4604	48
281CI /4.6Liter V8 TRITON,	01/1997-	8	4604	48
281CI /4.6Liter V8 TRITON,	01/1997-	8	4604	48
281CI /4.6Liter V8 SOHC, 24	01/2005-	8	4604	49
281CI /4.6Liter V8 TRITON,	01/2009-	8	4604	49
289CI /4.7Liter V8 w/ A4	01/1965-	8	4727	52
292CI /4.8Liter V8 OHV, 16	01/1955-	8	4786	50
300CI /4.9Liter L6 OHV, 12	01/1965-	6	4916	51
302CI /5.0Liter V8 OHV, 16	01/1968-	8	4948	52
302CI /5.0Liter V8 OHV, 16	01/1982-	8	4948	52
302CI /5.0Liter V8 99FR, DOHC,	01/2011-	8	4951	53
312CI /5.1Liter V8 OHV, 16	01/1956-	8	5114	54
330 (5.4L) Dagenham Diesel	1960-66	6	5405	55
330CI /5.4Liter V8 OHV, 16	01/1964-	8	5407	66
330CI /5.4Liter V8 TRITON,	01/1999-	8	5407	56
330CI /5.4Liter V8 TRITON,	01/2004-	8	5407	56
330CI /5.4Liter V8 TRITON,	01/1997-	8	5407	56
330CI /5.4Liter V8 TRITON,	01/1997-	8	5407	56
330CI /5.4Liter V8 IN TECH,	01/1999-	8	5408	56
330CI /5.4Liter V8 DOHC, 32	01/2005-	8	5409	57
332CI /5.4Liter V8 OHV, 16	01/1958-	8	5441	61
351CI /5.8Liter V8 MODIFIED,	01/1975-	8	5751	62

Engine-Code	Years	Cyl	CC	Line
351CI /5.8Liter V8 MODIFIED,	01/1977-	8	5751	63
351CI /5.8Liter V8 CLEVELAND,	01/1970-	8	5752	58
351CI /5.8Liter V8 CLEVELAND ,	01/1971-	8	5752	58
351CI /5.8Liter V8 WINDSOR,	01/1977-	8	5752	59
351CI /5.8Liter V8 WINDSOR,	01/1969-	8	5752	60
352CI /5.8Liter V8 OHV, 16	01/1964-	8	5769	66
352CI /5.8Liter V8 OHV, 16	01/1958-	8	5769	61
359 (5.9L) OHV	1973-78	8	5900	66
360CI /5.9Liter V8 OHV, 16	01/1968-	8	5900	66
361CI /5.9Liter V8 OHV, 16	01/1964-	8	5917	66
361CI /5.9Liter V8 OHV, 16	01/1958-	8	5917	61
370 (6.1L) OHV	1979-91	8	6100	69
390CI /6.4Liter V8 OHV, 16	01/1964-	8	6390	66
390CI /6.4Liter V8 OHV, 16	01/1961-	8	6390	61
389 (6.4L) OHV	1973-78	8	6400	66
391 (6.4L) OHV	1964-78	8	6400	66
400CI /6.6Liter V8 OHV, 16	01/1971-	8	6554	62
400CI /6.6Liter V8 OHV, 16	01/1977-	8	6554	63
401CI /6.6Liter L6 OHV, 12	01/1986-	6	6571	70
410CI /6.7Liter V8 OHV, 16	01/1966-	8	6720	66
415CI /6.8Liter V10 TRITON,	01/2005-	10	6800	64
415CI /6.8Liter V10 TRITON,	01/1997-	10	6800	64
420CI /6.9Liter V8 IHC OHV, 16	01/1983-	8	6882	68
427CI /7.0Liter V8 OHV, 16	01/1968-	8	6997	65
428CI /7.0Liter V8 OHV, 16	01/1966-	8	7013	66
429CI /7.0Liter V8 OHV, 16	01/1979-	8	7030	69
429CI /7.0Liter V8 OHV, 16	01/1968-	8	7030	69
T444E V8 444CI /7.3Liter, OHV,	01/1994-	8	7275	67
445CI /7.3Liter V8 IHC OHV, 16	01/1988-	8	7292	68
460CI /7.5Liter V8 OHV, 16	01/1968-	8	7538	69
474CI /7.8Liter L6 OHV, 12	01/1987-	6	7751	70

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Model	Engine	Years	Cyl	CC	Line
400 Series (1-1/2 Ton)	220CI /3.6Liter L4	1960-66	4	3611	37
500 Series (1-1/2,2 Ton)	220CI /3.6Liter L4	1960-66	4	3611	37
600 Series (2 Ton)	330 (5.4L)	1960-66	6	5405	55
700 Series (2-1/2 Ton)	330 (5.4L)	1960-66	6	5405	55
Aerostar	171CI /2.8Liter V6	1985-86	6	2792	26
Aerostar	182CI /3.0Liter V6	1986-99	6	2982	30
Aerostar	245CI /4.0Liter V6	1990-97	6	4014	40
Aspire	79CI /1.3Liter L4	1994-97	4	1295	1
Aviator	281CI /4.6Liter V8	2003-05	8	4604	45
B500	240CI /3.9Liter L6		6	3933	51
B500	300CI /4.9Liter L6		6	4916	51
B500	239CI /3.9Liter V8	1954-55	8	3917	50
B500	272CI /4.5Liter V8	1956-58	8	4458	50
B500	330CI /5.4Liter V8	1964-78	8	5407	66
B600	300CI /4.9Liter L6		6	4916	51
B600	239CI /3.9Liter V8	1954-55	8	3917	50
B600	256CI /4.2Liter V8	1954-55	8	4196	50
B600	272CI /4.5Liter V8	1956-58	8	4458	50
B600	292CI /4.8Liter V8	1959-64	8	4786	50
B600	330CI /5.4Liter V8	1964-78	8	5407	66
B600	359 (5.9L) OHV	1974-75	8	5900	66
B600	361CI /5.9Liter V8	1964-78	8	5917	66
B700	256CI /4.2Liter V8	1954-55	8	4196	50

Model	Engine	Years	Cyl	CC	Line
B700	272CI /4.5Liter V8	1956-58	8	4458	50
B700	292CI /4.8Liter V8	1959-64	8	4786	50
B700	330CI /5.4Liter V8	1964-78	8	5407	66
B700	359 (5.9L) OHV	1974-75	8	5900	66
B700	361CI /5.9Liter V8	1964-78	8	5917	66
B700	370 (6.1L) OHV	1979-89	8	6100	69
B700	429CI /7.0Liter V8	1982-89	8	7030	69
B750	359 (5.9L) OHV	1974-75	8	5900	66
B750	361CI /5.9Liter V8	1964-77	8	5917	66
B750	389 (6.4L) OHV	1975-77	8	6400	66
Bermuda	361CI /5.9Liter V8	1958	8	5917	61
Blackwood	330CI /5.4Liter V8	2002	8	5408	56
Bobcat	140CI /2.3Liter L4	1974-80	4	2294	16
Bobcat	171CI /2.8Liter V6	1975-79	6	2792	27
Bronco	170CI /2.8Liter L6	1966-72	6	2786	33
Bronco	200CI /3.3Liter L6		6	3277	33
Bronco	200CI /3.3Liter L6	1973-74	6	3277	34
Bronco	300CI /4.9Liter L6	1980-96	6	4916	51
Bronco	289CI /4.7Liter V8	1966-68	8	4727	52
Bronco	302CI /5.0Liter V8	1969-96	8	4948	52
Bronco	351CI /5.8Liter V8	1978-96	8	5752	59
Bronco	351CI /5.8Liter V8	1978-81	8	5751	63
Bronco	400CI /6.6Liter V8	1978-79	8	6554	63

Model	Engine	Years	Cyl	CC	Line
Bronco II	177CI /2.9Liter V6	1990	6	2900	29
Bronco II	140CI /2.3Liter L4	1985-87	4	2300	21
Bronco II	171CI /2.8Liter V6	1983-85	6	2792	26
Bronco II	177CI /2.9Liter V6	1986-89	6	2900	28
C500	300CI /4.9Liter L6		6	4916	51
C500	272CI /4.5Liter V8	1956	8	4458	50
C550	292CI /4.8Liter V8	1959-64	8	4786	50
C550	330CI /5.4Liter V8	1964-69	8	5407	66
C600	300CI /4.9Liter L6		6	4916	51
C600	272CI /4.5Liter V8	1956-58	8	4458	50
C600	292CI /4.8Liter V8	1959-64	8	4786	50
C600	330CI /5.4Liter V8	1964-78	8	5407	66
C600	359 (5.9L) OHV	1974-75	8	5900	66
C600	361CI /5.9Liter V8	1964-78	8	5917	66
C600	370 (6.1L) OHV	1979-86	8	6100	69
C700	272CI /4.5Liter V8	1956-58	8	4458	50
C700	292CI /4.8Liter V8	1959-63	8	4786	50
C700	330CI /5.4Liter V8	1964-72	8	5407	66
C700	359 (5.9L) OHV	1974-75	8	5900	66
C700	361CI /5.9Liter V8	1964-78	8	5917	66
C700	389 (6.4L) OHV	1975-78	8	6400	66
C700	370 (6.1L) OHV	1979-86	8	6100	69
C700	429CI /7.0Liter V8	1979-86	8	7030	69
C750	359 (5.9L) OHV	1974-75	8	5900	66
C750	361CI /5.9Liter V8	1964-78	8	5917	66
C750	389 (6.4L) OHV	1975-78	8	6400	66
C800	359 (5.9L) OHV	1974-75	8	5900	66
C800	361CI /5.9Liter V8	1964-78	8	5917	66
C800	389 (6.4L) OHV	1975-78	8	6400	66
C800	391 (6.4L) OHV	1964-74	8	6400	66
C800	370 (6.1L) OHV	1979-86	8	6100	69
C800	429CI /7.0Liter V8	1979-86	8	7030	69
Calienta	170CI /2.8Liter L6		6	2786	33
Calienta	260CI /4.3Liter V8	1964	8	4261	52
Calienta	289CI /4.7Liter V8	1965-66	8	4727	52
Calienta	390CI /6.4Liter V8	1966-67	8	6390	66
Caliente	200CI /3.3Liter L6	1965-67	6	3277	34
Capri	BD-ZE L4 Mazda	1990-94	4	1597	6
Capri	B6-T L4 Mazda	1990-94	4	1597	6
Capri	67 (1.1L) OHV		4	1100	4
Capri	273E L4 98CI	1971-73	4	1599	4
Capri	140CI /2.3Liter L4	1974-86	4	2294	16
Capri	140CI /2.3Liter L4	1979-84	4	2294	16
Capri	122CI /2.0Liter L4	1971-74	4	1993	12
Capri	200CI /3.3Liter L6		6	3277	33
Capri	156CI /2.6Liter V6	1972-73	6	2551	25
Capri	232CI /3.8Liter V6	1983-86	6	3801	38
Capri	255CI /4.2Liter V8	1980-82	8	4178	52
Capri	289CI /4.7Liter V8	1966-67	8	4727	52
Capri	302CI /5.0Liter V8	1979-86	8	4948	52
Capri	302CI /5.0Liter V8	1982-86	8	4948	52
Capri	390CI /6.4Liter V8	1966-67	8	6390	66
Capri	171CI /2.8Liter V6	1974-78	6	2792	27
Capri	200CI /3.3Liter L6	1979-82	6	3277	36
Colony Park	292CI /4.8Liter V8	1961-62	8	4786	50
Colony Park	390CI /6.4Liter V8	1964-68	8	6390	66
Colony Park	410CI /6.7Liter V8	1966-67	8	6720	66
Colony Park	428CI /7.0Liter V8	1966-68	8	7013	66
Colony Park	352CI /5.8Liter V8	1961-62	8	5769	61
Colony Park	390CI /6.4Liter V8	1961-63	8	6390	61
Comet	170CI /2.8Liter L6	1961-72	6	2786	33
Comet	200CI /3.3Liter L6	1964-68	6	3277	33
Comet	200CI /3.3Liter L6	1964-75	6	3277	34
Comet	250CI /4.1Liter L6	1969-77	6	4096	42
Comet	260CI /4.3Liter V8	1962-65	8	4261	52

Model	Engine	Years	Cyl	CC	Line
Comet	289CI /4.7Liter V8	1965-67	8	4727	52
Comet	302CI /5.0Liter V8	1968-77	8	4948	52
Comet	390CI /6.4Liter V8	1966-69	8	6390	66
Comet	200CI /3.3Liter L6	1976-77	6	3277	36
Commuter	390CI /6.4Liter V8	1964-68	8	6390	66
Commuter	410CI /6.7Liter V8	1966-67	8	6720	66
Commuter	428CI /7.0Liter V8	1966-68	8	7013	66
Continental	232CI /3.8Liter V6	1982-95	6	3801	38
Continental	302CI /5.0Liter V8	1980-87	8	4948	52
Continental	400CI /6.6Liter V8	1977-79	8	6554	62
Continental	351CI /5.8Liter V8	1980	8	5752	59
Continental	460CI /7.5Liter V8	1968-78	8	7538	69
Continental	281CI /4.6Liter V8	1995-02	8	4604	45
Contour	155CI /2.5Liter V6	1995-00	6	2540	31
Contour	121CI /2.0Liter V4	1995-00	4	1989	10
Corsair	332CI /5.4Liter V8	1959	8	5441	61
Cortina	67 (1.1L) OHV		4	1100	4
Cougar	140CI /2.3Liter L4		4	2294	16
Cougar	140CI /2.3Liter L4	1983-88	4	2294	16
Cougar	200CI /3.3Liter L6		6	3277	33
Cougar	232CI /3.8Liter V6	1982-95	6	3801	38
Cougar	255CI /4.2Liter V8	1980-82	8	4178	52
Cougar	289CI /4.7Liter V8	1967-68	8	4727	52
Cougar	302CI /5.0Liter V8	1968-88	8	4948	52
Cougar	302CI /5.0Liter V8	1991-93	8	4948	52
Cougar	281CI /4.6Liter V8	1994-97	8	4604	44
Cougar	428CI /7.0Liter V8	1968-69	8	7013	66
Cougar	351CI /5.8Liter V8	1970-74	8	5752	58
Cougar	351CI /5.8Liter V8	1975-76	8	5751	62
Cougar	400CI /6.6Liter V8	1974-76	8	6554	62
Cougar	351CI /5.8Liter V8	1977-79	8	5752	59
Cougar	429CI /7.0Liter V8	1969-71	8	7030	69
Cougar	460CI /7.5Liter V8	1974-76	8	7538	69
Cougar	427CI /7.0Liter V8	1968	8	6997	65
Cougar	155CI /2.5Liter V6	1999-02	6	2540	31
Cougar	121CI /2.0Liter V4	1999-02	4	1989	10
Cougar	200CI /3.3Liter L6	1980-82	6	3277	36
Cougar	232CI /3.8Liter V6	1996-97	6	3801	43
Cougar	232CI /3.8Liter V6	1989-90	6	3801	39
Cougar	351CI /5.8Liter V8	1977-79	8	5751	63
Cougar	400CI /6.6Liter V8	1977-78	8	6554	63
Cougar	351CI /5.8Liter V8	1969-76	8	5752	60
Cougar	281CI /4.6Liter V8	1994-97	8	4604	48
Country Sedan	170CI /2.8Liter L6		6	2786	33
Country Sedan	289CI /4.7Liter V8	1965-68	8	4727	52
Country Sedan	272CI /4.5Liter V8	1955-57	8	4458	50
Country Sedan	292CI /4.8Liter V8	1957-62	8	4786	50
Country Sedan	312CI /5.1Liter V8		8	5114	54
Country Sedan	390CI /6.4Liter V8	1964-68	8	6390	66
Country Sedan	428CI /7.0Liter V8	1966-68	8	7013	66
Country Sedan	332CI /5.4Liter V8	1958-59	8	5441	61
Country Sedan	352CI /5.8Liter V8	1958-63	8	5769	61
Country Sedan	390CI /6.4Liter V8	1961-63	8	6390	61
Country Squire	240CI /3.9Liter L6		6	3933	51
Country Squire	289CI /4.7Liter V8	1965-68	8	4727	52
Country Squire	272CI /4.5Liter V8	1955-57	8	4458	50
Country Squire	292CI /4.8Liter V8	1955-62	8	4786	50
Country Squire	312CI /5.1Liter V8		8	5114	54
Country Squire	390CI /6.4Liter V8	1964-68	8	6390	66
Country Squire	332CI /5.4Liter V8	1958-59	8	5441	61
Country Squire	352CI /5.8Liter V8	1958-63	8	5769	61
Country Squire	390CI /6.4Liter V8	1961-63	8	6390	61
Courier	VB L4 Mazda	1972-78	4	1796	14
Courier	121 (2.0L) Mazda	1979-82	4	2000	14
Crestline	239CI /3.9Liter V8	1954	8	3917	50

Model	Engine	Years	Cyl	CC	Line
Crestline	256CI /4.2Liter V8	1954	8	4196	50
Crown Victoria	302CI /5.0Liter V8	1980-91	8	4948	52
Crown Victoria	281CI /4.6Liter V8	1993-	8	4604	44
Crown Victoria	281CI /4.6Liter V8	2006-10	8	4604	44
Crown Victoria	281CI /4.6Liter V8	1995-	8	4604	44
Crown Victoria	351CI /5.8Liter V8	1983-91	8	5752	59
Crown Victoria	281CI /4.6Liter V8	1992	8	4604	47
Crown Victoria	281CI /4.6Liter V8	1993-	8	4604	48
Custom	240CI /3.9Liter L6	1965-72	6	3933	51
Custom	289CI /4.7Liter V8	1965-67	8	4727	52
Custom	302CI /5.0Liter V8	1968-80	8	4948	52
Custom	256CI /4.2Liter V8	1954	8	4196	50
Custom	272CI /4.5Liter V8	1957	8	4458	50
Custom	292CI /4.8Liter V8	1955-59	8	4786	50
Custom	312CI /5.1Liter V8	1956-60	8	5114	54
Custom	390CI /6.4Liter V8	1964-70	8	6390	66
Custom	332CI /5.4Liter V8	1958	8	5441	61
Custom	352CI /5.8Liter V8	1958-59	8	5769	61
Custom	351CI /5.8Liter V8	1971-74	8	5752	58
Custom	351CI /5.8Liter V8	1975-76	8	5751	62
Custom	400CI /6.6Liter V8	1971-76	8	6554	62
Custom	351CI /5.8Liter V8	1977-79	8	5752	59
Custom	429CI /7.0Liter V8	1969-71	8	7030	69
Custom	427CI /7.0Liter V8	1968	8	6997	65
Custom	351CI /5.8Liter V8	1977-79	8	5751	63
Custom	400CI /6.6Liter V8	1977-78	8	6554	63
Custom	351CI /5.8Liter V8	1969-71	8	5752	60
Customline	272CI /4.5Liter V8	1955-56	8	4458	50
Cyclone	289CI /4.7Liter V8	1965-67	8	4727	52
Cyclone	302CI /5.0Liter V8	1968-70	8	4948	52
Cyclone	390CI /6.4Liter V8	1966-69	8	6390	66
Cyclone	428CI /7.0Liter V8	1968-69	8	7013	66
Cyclone	351CI /5.8Liter V8	1970-71	8	5752	58
Cyclone	429CI /7.0Liter V8	1969-71	8	7030	69
Cyclone	427CI /7.0Liter V8	1968	8	6997	65
Cyclone	351CI /5.8Liter V8	1969-71	8	5752	60
Del Rio	352CI /5.8Liter V8	1958	8	5769	61
E-Series	281CI /4.6Liter V8	1999-	8	4604	46
E100	144CI /2.4Liter L6	1961-64	6	2358	33
E100	170CI /2.8Liter L6	1961-70	6	2786	33
E100	240CI /3.9Liter L6	1965-72	6	3933	51
E100	300CI /4.9Liter L6		6	4916	51
E100	302CI /5.0Liter V8	1969-83	8	4948	52
E100	351CI /5.8Liter V8	1977-83	8	5752	59
E100	351CI /5.8Liter V8	1977-82	8	5751	63
E100	351CI /5.8Liter V8	1975-76	8	5752	60
E150	300CI /4.9Liter L6	1975-96	6	4916	51
E150	302CI /5.0Liter V8	1979-99	8	4948	52
E150	351CI /5.8Liter V8	1977-96	8	5752	59
E150	330CI /5.4Liter V8	1997-	8	5407	56
E150	330CI /5.4Liter V8	1997-	8	5407	56
E150	256CI /4.2Liter V6	1997-	6	4195	43
E150	351CI /5.8Liter V8	1977-82	8	5751	63
E150	351CI /5.8Liter V8	1975-76	8	5752	60
E150	281CI /4.6Liter V8	1997-	8	4604	48
E150	281CI /4.6Liter V8	1997-98	8	4604	48
E200	170CI /2.8Liter L6		6	2786	33
E200	240CI /3.9Liter L6	1969-74	6	3933	51
E200	302CI /5.0Liter V8	1969-76	8	4948	52
E250	300CI /4.9Liter L6	1975-96	6	4916	51
E250	302CI /5.0Liter V8	1979-99	8	4948	52
E250	351CI /5.8Liter V8	1977-96	8	5752	59
E250	460CI /7.5Liter V8	1975-98	8	7538	69
E250	420CI /6.9Liter V8	1983-87	8	6882	68
E250	330CI /5.4Liter V8	1997-	8	5407	56

Model	Engine	Years	Cyl	CC	Line
E250	330CI /5.4Liter V8	1997-	8	5407	56
E250	415CI /6.8Liter V10	1997	10	6800	64
E250	256CI /4.2Liter V6	1997-	6	4195	43
E250	351CI /5.8Liter V8	1977-82	8	5751	63
E250	400CI /6.6Liter V8	1980-82	8	6554	63
E250	351CI /5.8Liter V8	1975-76	8	5752	60
E250	281CI /4.6Liter V8	1997-	8	4604	48
E250	281CI /4.6Liter V8	1997-98	8	4604	48
E300	302CI /5.0Liter V8	1969-79	8	4948	52
E300	351CI /5.8Liter V8	1977-82	8	5751	63
E350	300CI /4.9Liter L6	1975-96	6	4916	51
E350	351CI /5.8Liter V8	1977-96	8	5752	59
E350	460CI /7.5Liter V8	1975-96	8	7538	69
E350	420CI /6.9Liter V8	1983-87	8	6882	68
E350	445CI /7.3Liter V8	1989-94	8	7292	68
E350	T444E V8 444CI	1994-	8	7275	67
E350	330CI /5.4Liter V8	1997-	8	5407	56
E350	330CI /5.4Liter V8	1997-	8	5407	56
E350	415CI /6.8Liter V10	1997-05	10	6800	64
E350	400CI /6.6Liter V8	1980-82	8	6554	63
E350	351CI /5.8Liter V8	1975-76	8	5752	60
E450	T444E V8 444CI	1999-	8	7275	67
E450	415CI /6.8Liter V10	2003-05	10	6800	64
EXP	98CI /1.6Liter L4	1982-85	4	1598	2
EXP	98CI /1.6Liter L4	1984-85	4	1598	2
EXP	114CI /1.9Liter L4	1987-88	4	1868	9
EXP	114CI /1.9Liter L4	1985-86	4	1868	7
Escape	181CI /3.0Liter V6	2001-05	6	2982	31
Escape	121CI /2.0Liter V4	2001-04	4	1989	10
Escape	140CI /2.3Liter L4	2005-08	4	2294	18
Escape	140CI /2.3Liter L4	2005-08	4	2294	18
Escort IV	RTA,RTB L4 107CI	1/89-7/90	4	1753	5
Escort	BP-ZE L4 Mazda	1991-96	4	1839	6
Escort	98CI /1.6Liter L4	1981-85	4	1598	2
Escort	98CI /1.6Liter L4	1984-85	4	1598	2
Escort	67 (1.1L) OHV		4	1100	4
Escort	114CI /1.9Liter L4	1987-96	4	1868	9
Escort	121CI /2.0Liter L4		4	1989	9
Escort	RF L4 Mazda		4	1998	13
Escort	114CI /1.9Liter L4	1985-86	4	1868	7
Escort 86' Express	RTA,RTB L4 107CI	07/88-	4	1753	5
Escort IV Estate	RTA,RTB L4 107CI	1/89-7/90	4	1753	5
Excursion	T444E V8 444CI	2000-03	8	7275	67
Excursion	330CI /5.4Liter V8	2000-05	8	5407	56
Excursion	415CI /6.8Liter V10	2000-05	10	6800	64
Expedition	281CI /4.6Liter V8	2004	8	4604	44
Expedition	330CI /5.4Liter V8	1997-	8	5407	56
Expedition	330CI /5.4Liter V8	2005-10	8	5407	56
Expedition	281CI /4.6Liter V8	1997-	8	4604	46
Expedition	281CI /4.6Liter V8	2004	8	4604	48
Expedition	281CI /4.6Liter V8	1997-	8	4604	48
Explorer	302CI /5.0Liter V8	1996-99	8	4948	52
Explorer	281CI /4.6Liter V8	2005	8	4604	44
Explorer	245CI /4.0Liter V6	1997-	6	4014	41
Explorer	245CI /4.0Liter V6	2002-10	6	4014	41
Explorer	281CI /4.6Liter V8	2002-05	8	4604	46
Explorer	281CI /4.6Liter V8	2005	8	4604	48
Explorer	281CI /4.6Liter V8	2002-05	8	4604	48
Explorer	281CI /4.6Liter V8	2006-10	8	4604	49
F-Series	281CI /4.6Liter V8	1997-	8	4604	46
F-Super Duty	460CI /7.5Liter V8	1988-97	8	7538	69
F-Super Duty	445CI /7.3Liter V8	1988-94	8	7292	68
F-Super Duty	T444E V8 444CI	1994-97	8	7275	67
F100	232CI /3.8Liter V6	1982-83	6	3801	38
F100	240CI /3.9Liter L6	1965-74	6	3933	51

Model	Engine	Years	Cyl	CC	Line
F100	300CI /4.9Liter L6	1973-83	6	4916	51
F100	255CI /4.2Liter V8	1980-82	8	4178	52
F100	302CI /5.0Liter V8	1969-83	8	4948	52
F100	239CI /3.9Liter V8	1954-55	8	3917	50
F100	272CI /4.5Liter V8	1956-58	8	4458	50
F100	292CI /4.8Liter V8	1959-64	8	4786	50
F100	352CI /5.8Liter V8	1965-66	8	5769	66
F100	360CI /5.9Liter V8	1968-76	8	5900	66
F100	390CI /6.4Liter V8	1968-76	8	6390	66
F100	302CI /5.8Liter V8	1977-79	8	5752	59
F100	460CI /7.5Liter V8	1973-79	8	7538	69
F100	351CI /5.8Liter V8	1977-82	8	5751	63
F100	400CI /6.6Liter V8	1977-79	8	6554	63
F150	300CI /4.9Liter L6	1975-96	6	4916	51
F150	302CI /5.0Liter V8	1978-99	8	4948	52
F150	360CI /5.9Liter V8	1975-76	8	5900	66
F150	390CI /6.4Liter V8	1975-76	8	6390	66
F150	351CI /5.8Liter V8	1977-96	8	5752	59
F150	460CI /7.5Liter V8	1975-79	8	7538	69
F150	330CI /5.4Liter V8	1997-	8	5407	56
F150	330CI /5.4Liter V8	1997-	8	5407	56
F150	256CI /4.2Liter V6	1997-	6	4195	43
F150	351CI /5.8Liter V8	1977-81	8	5751	63
F150	400CI /6.6Liter V8	1977-79	8	6554	63
F150	281CI /4.6Liter V8	1997-	8	4604	48
F150	281CI /4.6Liter V8	2009-10	8	4604	49
F250	240CI /3.9Liter L6	1965-74	6	3933	51
F250	300CI /4.9Liter L6	1965-96	6	4916	51
F250	302CI /5.0Liter V8	1969-99	8	4948	52
F250	239CI /3.9Liter V8	1954-55	8	3917	50
F250	272CI /4.5Liter V8	1956-58	8	4458	50
F250	292CI /4.8Liter V8	1959-64	8	4786	50
F250	352CI /5.8Liter V8	1965-66	8	5769	66
F250	360CI /5.9Liter V8	1968-76	8	5900	66
F250	390CI /6.4Liter V8	1968-76	8	6390	66
F250	351CI /5.8Liter V8	1977-97	8	5752	59
F250	460CI /7.5Liter V8	1973-98	8	7538	69
F250	420CI /6.9Liter V8	1983-87	8	6882	68
F250	445CI /7.3Liter V8	1988-94	8	7292	68
F250	T444E V8 444CI	1994-98	8	7275	67
F250	330CI /5.4Liter V8	1997-	8	5407	56
F250	330CI /5.4Liter V8	1997-	8	5407	56
F250	330CI /5.4Liter V8	1999-	8	5407	56
F250	330CI /5.4Liter V8	2004-10	8	5407	56
F250	415CI /6.8Liter V10	1999-06	10	6800	64
F250	415CI /6.8Liter V10	2005-09	10	6800	64
F250	351CI /5.8Liter V8	1977-82	8	5751	63
F250	400CI /6.6Liter V8	1977-82	8	6554	63
F250	281CI /4.6Liter V8	1997-	8	4604	48
F250	281CI /4.6Liter V8	2009-10	8	4604	49
F350	240CI /3.9Liter L6	1965-74	6	3933	51
F350	300CI /4.9Liter L6	1965-96	6	4916	51
F350	239CI /3.9Liter V8	1954-55	8	3917	50
F350	272CI /4.5Liter V8	1956-58	8	4458	50
F350	292CI /4.8Liter V8	1959-64	8	4786	50
F350	352CI /5.8Liter V8	1965-66	8	5769	66
F350	360CI /5.9Liter V8	1968-76	8	5900	66
F350	390CI /6.4Liter V8	1968-76	8	6390	66
F350	351CI /5.8Liter V8	1977-98	8	5752	59
F350	460CI /7.5Liter V8	1973-98	8	7538	69
F350	420CI /6.9Liter V8	1983-87	8	6882	68
F350	445CI /7.3Liter V8	1988-94	8	7292	68
F350	T444E V8 444CI	1994-98	8	7275	67
F350	330CI /5.4Liter V8	1997-	8	5407	56
F350	330CI /5.4Liter V8	1997-	8	5407	56

Model	Engine	Years	Cyl	CC	Line
F350	330CI /5.4Liter V8	1999-	8	5407	56
F350	330CI /5.4Liter V8	2004-10	8	5407	56
F350	415CI /6.8Liter V10	1999-06	10	6800	64
F350	415CI /6.8Liter V10	2005-09	10	6800	64
F350	351CI /5.8Liter V8	1977-82	8	5751	63
F350	400CI /6.6Liter V8	1977-82	8	6554	63
F350 (1 Ton)	220CI /3.6Liter L4	1963-66	4	3611	37
F450	T444E V8 444CI	1999-	8	7275	67
F450	415CI /6.8Liter V10	1999-04	10	6800	64
F500	240CI /3.9Liter L6		6	3933	51
F500	300CI /4.9Liter L6		6	4916	51
F500	239CI /3.9Liter V8	1954-55	8	3917	50
F500	272CI /4.5Liter V8	1956-58	8	4458	50
F500	292CI /4.8Liter V8	1959-64	8	4786	50
F500	330CI /5.4Liter V8	1964-77	8	5407	66
F53	460CI /7.5Liter V8	1989-98	8	7538	69
F550	T444E V8 444CI	1999-	8	7275	67
F550	415CI /6.8Liter V10	1999-06	10	6800	64
F59	445CI /7.3Liter V8	1989-94	8	7292	68
F59	T444E V8 444CI	1994	8	7275	67
F600	300CI /4.9Liter L6		6	4916	51
F600	239CI /3.9Liter V8	1954-55	8	3917	50
F600	256CI /4.2Liter V8	1954-55	8	4196	50
F600	272CI /4.5Liter V8	1956-58	8	4458	50
F600	292CI /4.8Liter V8	1959-64	8	4786	50
F600	330CI /5.4Liter V8	1965-79	8	5407	66
F600	359 (5.9L) OHV	1974-75	8	5900	66
F600	361CI /5.9Liter V8	1964-78	8	5917	66
F600	370 (6.1L) OHV	1979-87	8	6100	69
F600	429CI /7.0Liter V8	1989-94	8	7030	69
F650	T444E V8 444CI	2000-02	8	7275	67
F700	256CI /4.2Liter V8	1954-55	8	4196	50
F700	272CI /4.5Liter V8	1956-58	8	4458	50
F700	292CI /4.8Liter V8	1959-64	8	4786	50
F700	330CI /5.4Liter V8	1964-72	8	5407	66
F700	359 (5.9L) OHV	1974-75	8	5900	66
F700	361CI /5.9Liter V8	1964-78	8	5917	66
F700	389 (6.4L) OHV	1975-78	8	6400	66
F700	370 (6.1L) OHV	1979-90	8	6100	69
F700	429CI /7.0Liter V8	1979-98	8	7030	69
F750	272CI /4.5Liter V8	1955	8	4458	50
F750	359 (5.9L) OHV	1974-75	8	5900	66
F750	361CI /5.9Liter V8	1964-77	8	5917	66
F750	389 (6.4L) OHV	1975-77	8	6400	66
F750	391 (6.4L) OHV	1964-74	8	6400	66
F750	T444E V8 444CI	2000-02	8	7275	67
F800	361CI /5.9Liter V8	1964-69	8	5917	66
F800	389 (6.4L) OHV	1978	8	6400	66
F800	391 (6.4L) OHV	1964-69	8	6400	66
F800	370 (6.1L) OHV	1979-87	8	6100	69
F800	429CI /7.0Liter V8	1979-91	8	7030	69
Fiesta Box (JV) D1.8	RTK,RTJ L4 107CI	05.98	4	1753	5
FT800	370 (6.1L) OHV	1983-87	8	6100	69
FT800	429CI /7.0Liter V8	1983-90	8	7030	69
Fairlane	170CI /2.8Liter L6	1962-64	6	2786	33
Fairlane	200CI /3.3Liter L6	1963-68	6	3277	33
Fairlane	200CI /3.3Liter L6	1963-70	6	3277	34
Fairlane	250CI /4.1Liter L6	1969-70	6	4096	42
Fairlane	221CI /3.6Liter V8	1962-63	8	3622	52
Fairlane	260CI /4.3Liter V8	1962-64	8	4261	52
Fairlane	289CI /4.7Liter V8	1965-68	8	4727	52
Fairlane	302CI /5.0Liter V8	1968-70	8	4948	52
Fairlane	272CI /4.5Liter V8	1955-57	8	4458	50
Fairlane	292CI /4.8Liter V8	1955-62	8	4786	50
Fairlane	312CI /5.1Liter V8	1956-57	8	5114	54

Model	Engine	Years	Cyl	CC	Line
Fairlane	352CI /5.8Liter V8	1964-67	8	5769	66
Fairlane	390CI /6.4Liter V8	1964-69	8	6390	66
Fairlane	428CI /7.0Liter V8	1968-70	8	7013	66
Fairlane	332CI /5.4Liter V8	1958-59	8	5441	61
Fairlane	352CI /5.8Liter V8	1958-63	8	5769	61
Fairlane	390CI /6.4Liter V8	1961-63	8	6390	61
Fairlane	351CI /5.8Liter V8	1970	8	5752	58
Fairlane	351CI /5.8Liter V8	1969-70	8	5752	60
Fairmont	200CI /3.3Liter L6		6	3277	33
Fairmont	255CI /4.2Liter V8	1980-82	8	4178	52
Fairmont	200CI /3.3Liter L6	7978-82	6	3277	36
Falcon	144CI /2.4Liter L6	1960-64	6	2358	33
Falcon	170CI /2.8Liter L6	1961-69	6	2786	33
Falcon	200CI /3.3Liter L6		6	3277	33
Falcon	200CI /3.3Liter L6	1964-70	6	3277	34
Falcon	250CI /4.1Liter L6	1970	6	4096	42
Falcon	260CI /4.3Liter V8	1962-65	8	4261	52
Falcon	289CI /4.7Liter V8	1965	8	4727	52
Falcon	302CI /5.0Liter V8	1968-70	8	4948	52
Falcon	351CI /5.8Liter V8	1970	8	5752	58
Falcon	351CI /5.8Liter V8	1970	8	5752	60
Festiva	79CI /1.3Liter L4	1987-94	4	1295	1
Fiesta	3036E L4 98CI	1978-80	4	1599	3
Fiesta Box (J5_J3) 1.8D	RTK,RTJ L4 107CI	02.96	4	1753	5
Fiesta IV (JA_JB) 1.8D	RTK,RTJ L4 107CI	08.95 -	4	1753	5
Focus	121CI /2.0Liter L4		4	1989	9
Focus	121CI /2.0Liter V4	2001-04	4	1989	10
Focus	121CI /2.0Liter V4	2004-09	4	1982	8
Focus	140CI /2.3Liter L4	2003-07	4	2294	18
Ford Truck	220CI /3.6Liter L4	1963-66	4	3611	37
Ford Truck	330 (5.4L)		6	5405	55
Ford Truck	401CI /6.6Liter L6		6	6571	70
Ford Truck	474CI /7.8Liter L6		6	7751	70
Freestar	238CI /3.9Liter V6	2004-07	6	3900	43
Freestar	256CI /4.2Liter V6	2004-07	6	4195	43
Fusion	140CI /2.3Liter L4	2006-10	4	2294	18
Galaxie	240CI /3.9Liter L6	1965-72	6	3933	51
Galaxie	289CI /4.7Liter V8	1965-67	8	4727	52
Galaxie	302CI /5.0Liter V8	1968-74	8	4948	52
Galaxie	292CI /4.8Liter V8	1962	8	4786	50
Galaxie	390CI /6.4Liter V8	1964-70	8	6390	66
Galaxie	428CI /7.0Liter V8	1966-68	8	7013	66
Galaxie	352CI /5.8Liter V8	1959-63	8	5769	61
Galaxie	390CI /6.4Liter V8	1962-63	8	6390	61
Galaxie	351CI /5.8Liter V8	1971-74	8	5752	58
Galaxie	400CI /6.6Liter V8	1971-74	8	6554	62
Galaxie	351CI /5.8Liter V8	1969-74	8	5752	60
Gran Torino	250CI /4.1Liter L6	1972-74	6	4096	42
Gran Torino	302CI /5.0Liter V8	1972-76	8	4948	52
Gran Torino	351CI /5.8Liter V8	1972	8	5752	58
Gran Torino	351CI /5.8Liter V8	1973-74	8	5752	58
Gran Torino	351CI /5.8Liter V8	1975-76	8	5751	62
Gran Torino	400CI /6.6Liter V8	1972-76	8	6554	62
Gran Torino	460CI /7.5Liter V8	1973-76	8	7538	69
Gran Torino	351CI /5.8Liter V8	1972-76	8	5752	60
Granada	200CI /3.3Liter L6		6	3277	33
Granada	200CI /3.3Liter L6	1975	6	3277	34
Granada	232CI /3.8Liter V6	1982	6	3801	38
Granada	250CI /4.1Liter L6	1975-80	6	4096	42
Granada	255CI /4.2Liter V8	1980-82	8	4178	52
Granada	302CI /5.0Liter V8	1975-80	8	4948	52
Granada	351CI /5.8Liter V8	1975-76	8	5751	62
Granada	200CI /3.3Liter L6	1976-82	6	3277	36
Grand Marquis	302CI /5.0Liter V8	1980-91	8	4948	52
Grand Marquis	281CI /4.6Liter V8	1993-	8	4604	44

Model	Engine	Years	Cyl	CC	Line
Grand Marquis	281CI /4.6Liter V8	2006-10	8	4604	44
Grand Marquis	400CI /6.6Liter V8	1975-76	8	6554	62
Grand Marquis	351CI /5.8Liter V8	1979-89	8	5752	59
Grand Marquis	281CI /4.6Liter V8	1992	8	4604	47
Grand Marquis	400CI /6.6Liter V8	1977-78	8	6554	63
Grand Marquis	281CI /4.6Liter V8	1993-	8	4604	48
Granda	351CI /5.8Liter V8	1977	8	5751	63
L800	359 (5.9L) OHV	1974-75	8	5900	66
L800	361CI /5.9Liter V8	1971-78	8	5917	66
L800	389 (6.4L) OHV	1975-78	8	6400	66
L800	391 (6.4L) OHV	1971-74	8	6400	66
L800	370 (6.1L) OHV	1979-84	8	6100	69
L800	429CI /7.0Liter V8	1979-84	8	7030	69
LN500	300CI /4.9Liter L6		6	4916	51
LN500	330CI /5.4Liter V8	1970-71	8	5407	66
LN600	300CI /4.9Liter L6		6	4916	51
LN600	330CI /5.4Liter V8	1970-78	8	5407	66
LN600	359 (5.9L) OHV	1974-75	8	5900	66
LN600	361CI /5.9Liter V8	1970-78	8	5917	66
LN600	370 (6.1L) OHV	1979-85	8	6100	69
LN7	98CI /1.6Liter L4	1982-83	4	1598	2
LN700	330CI /5.4Liter V8	1970-74	8	5407	66
LN700	359 (5.9L) OHV	1974-75	8	5900	66
LN700	361CI /5.9Liter V8	1970-78	8	5917	66
LN700	389 (6.4L) OHV	1975-78	8	6400	66
LN700	370 (6.1L) OHV	1979-85	8	6100	69
LN700	429CI /7.0Liter V8	1979-85	8	7030	69
LN750	359 (5.9L) OHV	1974-75	8	5900	66
LN750	361CI /5.9Liter V8	1970-77	8	5917	66
LN750	389 (6.4L) OHV	1975-77	8	6400	66
LN750	391 (6.4L) OHV	1970-74	8	6400	66
LN800	359 (5.9L) OHV	1974-75	8	5900	66
LN800	361CI /5.9Liter V8	1970-78	8	5917	66
LN800	389 (6.4L) OHV	1975-78	8	6400	66
LN800	391 (6.4L) OHV	1970-74	8	6400	66
LN800	370 (6.1L) OHV	1979-84	8	6100	69
LN800	429CI /7.0Liter V8	1979-84	8	7030	69
LNT800	330CI /5.4Liter V8	1970-71	8	5407	66
LNT800	359 (5.9L) OHV	1974-75	8	5900	66
LNT800	361CI /5.9Liter V8	1970-74	8	5917	66
LNT800	389 (6.4L) OHV	1975-78	8	6400	66
LNT800	391 (6.4L) OHV	1970-74	8	6400	66
LNT800	370 (6.1L) OHV	1979-84	8	6100	69
LNT800	429CI /7.0Liter V8	1979-84	8	7030	69
LS	181CI /3.0Liter V6	2000-05	6	2982	31
LT800	330CI /5.4Liter V8	1970-71	8	5407	66
LT800	359 (5.9L) OHV	1974-75	8	5900	66
LT800	361CI /5.9Liter V8	1970-74	8	5917	66
LT800	389 (6.4L) OHV	1975-78	8	6400	66
LT800	391 (6.4L) OHV	1970-74	8	6400	66
LT800	370 (6.1L) OHV	1979-84	8	6100	69
LT800	429CI /7.0Liter V8	1979-84	8	7030	69
LTD	140CI /2.3Liter L4	1983-86	4	2294	16
LTD	140CI /2.3Liter L4		4	2294	16
LTD	200CI /3.3Liter L6		6	3277	33
LTD	232CI /3.8Liter V6	1983-86	6	3801	38
LTD	255CI /4.2Liter V8	1980-82	8	4178	52
LTD	289CI /4.7Liter V8	1965-68	8	4727	52
LTD	302CI /5.0Liter V8	1968-86	8	4948	52
LTD	302CI /5.0Liter V8	1984-85	8	4948	52
LTD	351CI /5.8Liter V8	1971-74	8	5752	58
LTD	351CI /5.8Liter V8	1975-76	8	5751	62
LTD	400CI /6.6Liter V8	1971-76	8	6554	62
LTD	351CI /5.8Liter V8	1977-82	8	5752	59
LTD	429CI /7.0Liter V8	1968-73	8	7030	69

Model	Engine	Years	Cyl	CC	Line
LTD	460CI /7.5Liter V8	1969-78	8	7538	69
LTD	200CI /3.3Liter L6	1983	6	3277	36
LTD	351CI /5.8Liter V8	1977-79	8	5751	63
LTD	400CI /6.6Liter V8	1977-78	8	6554	63
LTD	351CI /5.8Liter V8	1969-76	8	5752	60
LTD II	351CI /5.8Liter V8	1977-79	8	5751	63
LTD II	400CI /6.6Liter V8	1977-78	8	6554	63
LTD II	351CI /5.8Liter V8	1977-79	8	5752	59
LTS800	330CI /5.4Liter V8	1971	8	5407	66
LTS800	359 (5.9L) OHV	1974-75	8	5900	66
LTS800	389 (6.4L) OHV	1975-78	8	6400	66
LTS800	391 (6.4L) OHV	1971-74	8	6400	66
LTS800	370 (6.1L) OHV	1979-83	8	6100	69
LTS800	429CI /7.0Liter V8	1979-83	8	7030	69
Lynx	98CI /1.6Liter L4	1981-85	4	1598	2
Lynx	98CI /1.6Liter L4	1984-85	4	1598	2
Lynx	114CI /1.9Liter L4	1987	4	1868	9
Lynx	RF L4 Mazda	1984-87	4	1998	13
Lynx	114CI /1.9Liter L4	1985-86	4	1868	7
M400	360CI /5.9Liter V8	1972-76	8	5900	66
M400	390CI /6.4Liter V8	1972-76	8	6390	66
M450	360CI /5.9Liter V8	1973-76	8	5900	66
M450	390CI /6.4Liter V8	1973-76	8	6390	66
M450	460CI /7.5Liter V8	1973-76	8	7538	69
M500	390CI /6.4Liter V8	1972-76	8	6390	66
Mainline	239CI /3.9Liter V8	1954	8	3917	50
Mainline	256CI /4.2Liter V8	1954	8	4196	50
Mainline	272CI /4.5Liter V8	1955-56	8	4458	50
Mainline	292CI /4.8Liter V8	1955	8	4786	50
Mainline, Medalist	312CI /5.1Liter V8		8	5114	54
Marauder	390CI /6.4Liter V8	1964-65	8	6390	66
Marauder	429CI /7.0Liter V8	1969-70	8	7030	69
Mariner	181CI /3.0Liter V6	2006	6	2982	31
Mariner	140CI /2.3Liter L4	2005-08	4	2294	18
Mariner	140CI /2.3Liter L4	2005-08	4	2294	18
Mark LT	330CI /5.4Liter V8	2006-08	8	5407	56
Mark V	460CI /7.5Liter V8	1977-78	8	7538	69
Mark V	400CI /6.6Liter V8	1977-79	8	6554	63
Mark VII	302CI /5.0Liter V8	1984-86	8	4948	52
Mark VIII	281CI /4.6Liter V8	1993-98	8	4604	45
Mark VI	302CI /5.0Liter V8	1980-83	8	4948	52
Mark VI	351CI /5.8Liter V8	1980-83	8	5752	59
Mark VII	302CI /5.0Liter V8	1984-92	8	4948	52
Mark IV	460CI /7.5Liter V8	1972-76	8	7538	69
Mark III	460CI /7.5Liter V8	1968-71	8	7538	69
Marquis	140CI /2.3Liter L4	1983-86	4	2294	16
Marquis	140CI /2.3Liter L4		4	2294	16
Marquis	200CI /3.3Liter L6		6	3277	33
Marquis	232CI /3.8Liter V6	1983-86	6	3801	38
Marquis	255CI /4.2Liter V8	1980-82	8	4178	52
Marquis	302CI /5.0Liter V8	1980-86	8	4948	52
Marquis	390CI /6.4Liter V8	1967-69	8	6390	66
Marquis	410CI /6.7Liter V8	1967	8	6720	66
Marquis	428CI /7.0Liter V8	1967-69	8	7013	66
Marquis	351CI /5.8Liter V8	1975-76	8	5751	62
Marquis	400CI /6.6Liter V8	1971-76	8	6554	62
Marquis	351CI /5.8Liter V8	1977-82	8	5752	59
Marquis	429CI /7.0Liter V8	1969-73	8	7030	69
Marquis	460CI /7.5Liter V8	1972-78	8	7538	69
Marquis	200CI /3.3Liter L6	1983	6	3277	36
Marquis	351CI /5.8Liter V8	1977-78	8	5751	63
Marquis	400CI /6.6Liter V8	1977-78	8	6554	63
Marquis	351CI /5.8Liter V8	1975-76	8	5752	60
Maurauder	390CI /6.4Liter V8	1963	8	6390	61
Maurauder	281CI /4.6Liter V8	2003-04	8	4604	45

Model	Engine	Years	Cyl	CC	Line
Maverick	200CI /3.3Liter L6		6	3277	33
Maverick	200CI /3.3Liter L6	1970-75	6	3277	34
Maverick	250CI /4.1Liter L6	1969-77	6	4096	42
Maverick	302CI /5.0Liter V8	1971-77	8	4948	52
Meteor	170CI /2.8Liter L6	1962-63	6	2786	33
Meteor	200CI /3.3Liter L6	1963	6	3277	33
Meteor	200CI /3.3Liter L6	1963	6	3277	34
Meteor	221CI /3.6Liter V8	1962-63	8	3622	52
Meteor	260CI /4.3Liter V8	1962-65	8	4261	52
Meteor	292CI /4.8Liter V8	1961	8	4786	50
Milan	140CI /2.3Liter L4	2006-09	4	2294	18
Monarch	200CI /3.3Liter L6		6	3277	33
Monarch	200CI /3.3Liter L6	1975	6	3277	34
Monarch	250CI /4.1Liter L6	1975-80	6	4096	42
Monarch	255CI /4.2Liter V8	1980-82	8	4178	52
Monarch	302CI /5.0Liter V8	1975-80	8	4948	52
Monarch	351CI /5.8Liter V8	1975-76	8	5751	62
Monarch	351CI /5.8Liter V8	1977	8	5752	59
Monarch	200CI /3.3Liter L6	1976-82	6	3277	36
Monarch	351CI /5.8Liter V8	1977	8	5751	63
Monarch	351CI /5.8Liter V8	1975-76	8	5752	60
Montclair	292CI /4.8Liter V8	1955	8	4786	50
Montclair	312CI /5.1Liter V8	1957-60	8	5114	54
Montego	200CI /3.3Liter L6		6	3277	33
Montego	200CI /3.3Liter L6	1968	6	3277	34
Montego	250CI /4.1Liter L6	1969-73	6	4096	42
Montego	302CI /5.0Liter V8	1968-74	8	4948	52
Montego	390CI /6.4Liter V8	1968-69	8	6390	66
Montego	428CI /7.0Liter V8	1968-69	8	7013	66
Montego	351CI /5.8Liter V8	1970-74	8	5752	58
Montego	351CI /5.8Liter V8	1973-74	8	5752	58
Montego	351CI /5.8Liter V8	1975-76	8	5751	62
Montego	400CI /6.6Liter V8	1972-76	8	6554	62
Montego	429CI /7.0Liter V8	1970-71	8	7030	69
Montego	460CI /7.5Liter V8	1974-76	8	7538	69
Montego	427CI /7.0Liter V8	1968	8	6997	65
Montego	351CI /5.8Liter V8	1969-76	8	5752	60
Monterey	256CI /4.2Liter V8	1954	8	4196	50
Monterey	292CI /4.8Liter V8	1955-62	8	4786	50
Monterey	312CI /5.1Liter V8	1957-60	8	5114	54
Monterey	390CI /6.4Liter V8	1964-70	8	6390	66
Monterey	410CI /6.7Liter V8	1966-67	8	6720	66
Monterey	352CI /5.8Liter V8	1961-62	8	5769	61
Monterey	390CI /6.4Liter V8	1961-63	8	6390	61
Monterey	351CI /5.8Liter V8	1971-73	8	5752	58
Monterey	400CI /6.6Liter V8	1971-74	8	6554	62
Monterey	429CI /7.0Liter V8	1969-73	8	7030	69
Monterey	460CI /7.5Liter V8	1972-74	8	7538	69
Monterey	256CI /4.2Liter V6	2004-07	6	4195	43
Mountaineer	302CI /5.0Liter V8	1997-	8	4948	52
Mountaineer	245CI /4.0Liter V6	1998-	6	4014	41
Mountaineer	281CI /4.6Liter V8	2002-05	8	4604	46
Mountaineer	281CI /4.6Liter V8	2002-05	8	4604	48
Mountaineer	281CI /4.6Liter V8	2006-10	8	4604	49
Mustang	140CI /2.3Liter L4	1974-88	4	2294	16
Mustang	140CI /2.3Liter L4	1979-86	4	2294	16
Mustang	170CI /2.8Liter L6	1965	6	2786	33
Mustang	200CI /3.3Liter L6	1979-83	6	3277	33
Mustang	200CI /3.3Liter L6	1965-70	6	3277	34
Mustang	232CI /3.8Liter V6	1983-95	6	3801	38
Mustang	250CI /4.1Liter L6	1969-73	6	4096	42
Mustang	255CI /4.2Liter V8	1980-82	8	4178	52
Mustang	260CI /4.3Liter V8	1964-65	8	4261	52
Mustang	289CI /4.7Liter V8	1965-68	8	4727	52
Mustang	302CI /5.0Liter V8	1968-95	8	4948	52

Model	Engine	Years	Cyl	CC	Line
Mustang	302CI /5.0Liter V8	1982-95	8	4948	52
Mustang	281CI /4.6Liter V8	1996-	8	4604	44
Mustang	390CI /6.4Liter V8	1967-69	8	6390	66
Mustang	428CI /7.0Liter V8	1968-70	8	7013	66
Mustang	351CI /5.8Liter V8	1970-73	8	5752	58
Mustang	429CI /7.0Liter V8	1971	8	7030	69
Mustang	427CI /7.0Liter V8	1968	8	6997	65
Mustang	281CI /4.6Liter V8	2003-04	8	4604	45
Mustang	281CI /4.6Liter V8	1996-	8	4604	45
Mustang	245CI /4.6Liter V6	2005-10	6	4014	41
Mustang	140CI /2.3Liter L4	1989-92	4	2294	19
Mustang	140CI /2.3Liter L4	1989-90	4	2294	19
Mustang	171CI /2.8Liter V6	1979	6	2792	27
Mustang	232CI /3.8Liter V6	1996-	6	3801	43
Mustang	238CI /3.9Liter V6	2004	6	3900	43
Mustang	351CI /5.8Liter V8	1969-73	8	5752	60
Mustang	281CI /4.6Liter V8	1996-	8	4604	48
Mustang	281CI /4.6Liter V8	2005-10	8	4604	49
Mustang	302CI /5.0Liter V8	2011	8	4951	53
Mustang GT	330CI /5.4Liter V8	2005-09	8	5409	57
Mystique	155CI /2.5Liter V6	1995-00	6	2540	31
Mystique	121CI /2.0Liter V4	1995-00	4	1989	10
N1000	361CI /5.9Liter V8	1964-69	8	5917	66
N1000	391 (6.4L) OHV	1964-69	8	6400	66
N500	240CI /3.9Liter L6		6	3933	51
N500	300CI /4.9Liter L6		6	4916	51
N500	292CI /4.8Liter V8	1963-64	8	4786	50
N600	240CI /3.9Liter L6		6	3933	51
N600	300CI /4.9Liter L6		6	4916	51
N600	292CI /4.8Liter V8	1963	8	4786	50
N600	330CI /5.4Liter V8	1964-69	8	5407	66
N600	361CI /5.9Liter V8	1964-69	8	5917	66
N700	292CI /4.8Liter V8	1963	8	4786	50
N700	330CI /5.4Liter V8	1964-69	8	5407	66
N700	361CI /5.9Liter V8	1964-69	8	5917	66
Navigator	330CI /5.4Liter V8	2005-10	8	5407	56
Navigator	330CI /5.4Liter V8	1999-	8	5408	56
Orion II (AFF) 1.8D	RTA,RTB L4 107CI	1/89-7/90	4	1753	5
P 350 (1 Ton)	220CI /3.6Liter L4	1963-66	4	3611	37
P100	170CI /2.8Liter L6	1961-70	6	2786	33
P100	240CI /3.9Liter L6	1968-73	6	3933	51
P100	300CI /4.9Liter L6	1968-73	6	4916	51
P350	240CI /3.9Liter L6	1965-74	6	3933	51
P350	300CI /4.9Liter L6	1965-76	6	4916	51
P350	272CI /4.5Liter V8	1956-58	8	4458	50
P350	292CI /4.8Liter V8	1959-64	8	4786	50
P400	240CI /3.9Liter L6		6	3933	51
P400	300CI /4.9Liter L6		6	4916	51
P400	272CI /4.5Liter V8	1957-58	8	4458	50
P400	292CI /4.8Liter V8	1959-64	8	4786	50
P450	360CI /5.9Liter V8	1975-76	8	5900	66
P500	240CI /3.9Liter L6		6	3933	51
P500	300CI /4.9Liter L6		6	4916	51
P500	272CI /4.5Liter V8	1957-58	8	4458	50
P500	292CI /4.8Liter V8	1959-64	8	4786	50
P550	390CI /6.4Liter V8	1975-76	8	6390	66
P600	300CI /4.9Liter L6		6	4916	51
Pacer	361CI /5.9Liter V8	1958	8	5917	61
Parklane	390CI /6.4Liter V8	1964-68	8	6390	66
Parklane	410CI /6.7Liter V8	1966-67	8	6720	66
Parklane	428CI /7.0Liter V8	1966-68	8	7013	66
Pinto	122CI /2.0Liter L4	1971-74	4	1993	12
Pinto	171CI /2.8Liter V6	1975-79	6	2792	27
Probe	FS-DE L4 Mazda	1993-97	4	1991	11
Probe	133CI /2.2Liter L4	1989-92	4	2179	15

Model	Engine	Years	Cyl	CC	Line
Probe	133CI /2.2Liter L4	1989-92	4	2179	15
Probe	KL-ZE V6 Mazda		6	2497	22
Probe	182CI /3.0Liter V6	1990-92	6	2982	30
Ranch Wagon	272CI /4.5Liter V8	1955-57	8	4458	50
Ranch Wagon	292CI /4.8Liter V8	1955-59	8	4786	50
Ranch Wagon	332CI /5.4Liter V8	1958-59	8	5441	61
Ranch Wagon	352CI /5.8Liter V8	1958-62	8	5769	61
Ranch Wagon, T-Bird	312CI /5.1Liter V8		8	5114	54
Ranchero	200CI /3.3Liter L6		6	3277	33
Ranchero	200CI /3.3Liter L6	1963-68	6	3277	34
Ranchero	250CI /4.1Liter L6	1969-74	6	4096	42
Ranchero	289CI /4.7Liter V8	1965-68	8	4727	52
Ranchero	302CI /5.0Liter V8	1968-79	8	4948	52
Ranchero	390CI /6.4Liter V8	1967-69	8	6390	66
Ranchero	428CI /7.0Liter V8	1968-69	8	7013	66
Ranchero	351CI /5.8Liter V8	1970-74	8	5752	58
Ranchero	351CI /5.8Liter V8	1975-76	8	5751	62
Ranchero	400CI /6.6Liter V8	1972-76	8	6554	62
Ranchero	351CI /5.8Liter V8	1977-79	8	5752	59
Ranchero	429CI /7.0Liter V8	1970-73	8	7030	69
Ranchero	460CI /7.5Liter V8	1974-76	8	7538	69
Ranchero	351CI /5.8Liter V8	1977-79	8	5751	63
Ranchero	400CI /6.6Liter V8	1977-78	8	6554	63
Ranchero	351CI /5.8Liter V8	1969-76	8	5752	60
Ranger	121CI /2.0Liter L4	1983-88	4	1989	16
Ranger	140CI /2.3Liter L4	1983-88	4	2294	16
Ranger	140CI /2.3Liter L4		4	2294	16
Ranger	140CI /2.3Liter L4		4	2300	21
Ranger	171CI /2.8Liter V6	1983-85	6	2792	26
Ranger	177CI /2.9Liter V6	1986-89	6	2900	28
Ranger	182CI /3.0Liter V6	1990-08	6	2982	30
Ranger	245CI /4.0Liter V6	1990-	6	4014	40
Ranger	292CI /4.8Liter V8	1959	8	4786	50
Ranger	332CI /5.4Liter V8	1959	8	5441	61
Ranger	352CI /5.8Liter V8	1960	8	5769	61
Ranger	361CI /5.9Liter V8	1958-59	8	5917	61
Ranger	153CI /2.5Liter L4	1998-	4	2507	24
Ranger	245CI /4.0Liter V6	2001-10	6	4014	41
Ranger	140CI /2.3Liter L4	2001-09	4	2294	18
Ranger	140CI /2.3Liter L4	89-97	4	2294	19
Ranger	177CI /2.9Liter V6	1990-92	6	2900	29
Round Up	361CI /5.9Liter V8	1958	8	5917	61
S55	428CI /7.0Liter V8	1966	8	7013	66
Sable	153CI /2.5Liter L4	1986-91	4	2507	23
Sable	182CI /3.0Liter V6	1986-05	6	2982	30
Sable	232CI /3.8Liter V6	1988-95	6	3801	38
Sable	181CI /3.0Liter V6	1996-05	6	2982	31
Scorpio	177CI /2.9Liter V6	1988-89	6	2900	28
T-Bird	140CI /2.3Liter L4		4	2294	16
T-Bird	140CI /2.3Liter L4		4	2294	16
T-Bird	200CI /3.3Liter L6		6	3277	33
T-Bird	232CI /3.8Liter V6	1982-95	6	3801	38
T-Bird	255CI /4.2Liter V8	1980-82	8	4178	52
T-Bird	302CI /5.0Liter V8	1977-88	8	4948	52
T-Bird	302CI /5.0Liter V8	1991-92	8	4948	52
T-Bird	292CI /4.8Liter V8	1955	8	4786	50
T-Bird	281CI /4.6Liter V8	1994-97	8	4604	44
T-Bird	428CI /7.0Liter V8	1966-68	8	7013	66
T-Bird	332CI /5.4Liter V8	1959	8	5441	61
T-Bird	352CI /5.8Liter V8	1958-59	8	5769	61
T-Bird	351CI /5.8Liter V8	1977-79	8	5752	59
T-Bird	429CI /7.0Liter V8	1968-73	8	7030	69
T-Bird	200CI /3.3Liter L6	1980-82	6	3277	36
T-Bird	232CI /3.8Liter V6	1996-97	6	3801	43
T-Bird	232CI /3.8Liter V6	1989-95	6	3801	39

CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

Model	Engine	Years	Cyl	CC	Line
T-Bird	351CI /5.8Liter V8	1977-79	8	5751	63
T-Bird	400CI /6.6Liter V8	1977-78	8	6554	63
T-Bird	281CI /4.6Liter V8	1994-97	8	4604	48
T700	272CI /4.5Liter V8	1957-58	8	4458	50
T700	292CI /4.8Liter V8	1958-92	8	4786	50
T700	330CI /5.4Liter V8	1964-66	8	5407	66
T700	361CI /5.9Liter V8	1964-66	8	5917	66
T800	361CI /5.9Liter V8	1964-69	8	5917	66
T800	391 (6.4L) OHV	1964-69	8	6400	66
Taurus	153CI /2.5Liter L4	1986-91	4	2507	23
Taurus	182CI /3.0Liter V6	1986-07	6	2982	30
Taurus	232CI /3.8Liter V6	1982-95	6	3801	38
Taurus	181CI /3.0Liter V6	1996-05	6	2982	31
Tempo	RF L4 Mazda	1984-87	4	1998	13
Tempo	140CI /2.3Liter L4	1984-85	4	2294	17
Tempo	182CI /3.0Liter V6	1992-94	6	2982	30
Tempo	140CI /2.3Liter L4	1986-94	4	2294	20
Topaz	RF L4 Mazda		4	1998	13
Topaz	140CI /2.3Liter L4	1984-85	4	2294	17
Topaz	182CI /3.0Liter V6	1992-94	6	2982	30
Topaz	140CI /2.3Liter L4	1986-94	4	2294	20
Torino	351CI /5.8Liter V8	1969-76	8	5752	60
Torino	200CI /3.3Liter L6		6	3277	33
Torino	200CI /3.3Liter L6	1968	6	3277	34
Torino	250CI /4.1Liter L6	1969-74	6	4096	42
Torino	289CI /4.7Liter V8	1968	8	4727	52
Torino	302CI /5.0Liter V8	1968-76	8	4948	52
Torino	428CI /7.0Liter V8	1968	8	7013	66
Torino	351CI /5.8Liter V8	1970-74	8	5752	58
Torino	351CI /5.8Liter V8	1973-74	8	5752	58
Torino	351CI /5.8Liter V8	1975-76	8	5751	62
Torino	400CI /6.6Liter V8	1971-76	8	6554	62
Torino	429CI /7.0Liter V8	1970-73	8	7030	69
Torino	460CI /7.5Liter V8	1973-76	8	7538	69
Town Car	302CI /5.0Liter V8	1984-85	8	4948	52
Town Car	281CI /4.6Liter V8	2006-10	8	4604	44
Town Car	281CI /4.6Liter V8	1991-92	8	4604	47

Model	Engine	Years	Cyl	CC	Line
Town car	281CI /4.6Liter V8	1993-	8	4604	48
Towncar	302CI /5.0Liter V8	1980-90	8	4948	52
Towncar	281CI /4.6Liter V8	1993-	8	4604	44
Tracer	B6 L4 Mazda 98CI	1987-89	4	1598	6
Tracer	BP-ZE L4 Mazda	1991-96	4	1839	6
Tracer	114CI /1.9Liter L4	1991-96	4	1868	9
Tracer	121CI /2.0Liter L4		4	1989	9
Tracer	114CI /1.9Liter L4	1985-86	4	1868	7
Versailles	302CI /5.0Liter V8	1977-80	8	4948	52
Versailles	351CI /5.8Liter V8	1977	8	5752	59
Villager	200CI /3.3Liter L6		6	3277	33
Villager	181CI /3.0Liter V6	1993-98	6	2982	32
Villager	200CI /3.3Liter V6	1999-02	6	3275	32
Villager	200CI /3.3Liter L6	1966-67	6	3277	34
Villager	289CI /4.7Liter V8	1966-67	8	4727	52
Villager	292CI /4.8Liter V8	1960	8	4786	50
Villager	390CI /6.4Liter V8	1966-67	8	6390	66
Villager	332CI /5.4Liter V8	1959	8	5441	61
Villager	352CI /5.8Liter V8	1960	8	5769	61
Voyager	200CI /3.3Liter L6		6	3277	33
Voyager	200CI /3.3Liter L6	1966-67	6	3277	34
Voyager	289CI /4.7Liter V8	1966-67	8	4727	52
Voyager	390CI /6.4Liter V8	1966-67	8	6390	66
Windstar	182CI /3.0Liter V6	1995-00	6	2982	30
Windstar	232CI /3.8Liter V6	1995	6	3801	38
Windstar	232CI /3.8Liter V6	1996-	6	3801	43
XR4Ti	140CI /2.3Liter L4	1985-88	4	2294	16
XR4Ti	140CI /2.3Liter L4	1989-90	4	2294	19
Zephyr	140CI /2.3Liter L4	1978-83	4	2294	16
Zephyr	200CI /3.3Liter L6		6	3277	33
Zephyr	255CI /4.2Liter V8	1980-82	8	4178	52
Zephyr	302CI /5.0Liter V8	1978-79	8	4948	52
Zephyr	200CI /3.3Liter L6	1978-83	6	3277	36






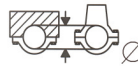


FORD (U.S.A.)				FORD (U.S.A.)				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
1	79CI /1.3Liter L4 Mazda SOHC, 8 Valves, vin H,K, Gasoline	01/1988-12/1997	1295 cc	71.00 X 83.60	4 cyl	Aspire, Festiva	1	
CR4495AM STD/.25/.5/.75/1.0/1.25/1.5	C4495	4 Pairs		1.5724/ 1.5730 39.939/ 39.954	1.6929/ 1.6935 43.000/ 43.015	0.6690 16.99	0.0594 1.509	
ACL: 4B8331 CLE: CB-1279AL (4) DAI: R 809A FMO: 4-3910RA GLA: B4613SA GLY: 01-4343/4 NDC: CB-1168A OEM: 8936-23-105 OEM: 8034-23-105 VAN: VPR92623								
MB5537AM STD/.25/.5/.75/1.0/1.25/1.5	M5537	5 Pairs		1.9661/ 1.9668 49.939/ 49.957	2.1259/ 2.1267 53.998/ 54.018	0.6890 17.50	0.0791 2.009	
ACL: 5M8354 CLE: MS-1802AL DAI: M 822A2 FMO: 7207M GLA: M5393SA NDC: MS-2008A OEM: OK2YA-11-SGO OEM: B6Y0-11-SGO VAN: VPM91878								
TW 133AM STD/.5	W 133	1 Pair		2.2539/ 2.2638 57.249/ 57.501	2.7067/ 2.7165 68.750/ 68.999	0.0000 0.00	0.1004 2.550	
ACL: 1T8353 CLE: TW- 472S DAI: T8108A FMO: 4176AF GLA: W2408L GLY: A260/2 NDC: TW-2008A OEM: B6Y2-11-SJO OEM: B6Y0-11-SJO								

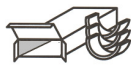




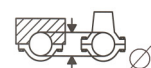


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CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

FORD (U.S.A.)				FORD (U.S.A.)			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
2	98CI /1.6Liter L4 SOHC, 8 Valves, vin 2,4,5, Gasoline	01/1981-12/1985	1598 cc	3.15 X 3.13	4 cyl	EXP, Escort, LN7, Lynx	2
	98CI /1.6Liter L4 SOHC, 8 Valves, vin 8, Gasoline Turbocharge	01/1984-12/1985	1598 cc	3.15 X 3.13	4 cyl	EXP, Escort, Lynx	
CR 436AM STD/.25/.5/.75/1.0/1.25 ACL:4B1276 CLE:CB-1276AL (4) FMO:4-3805CP VAN:VPR91908	C 436	4 Pairs		1.8854/ 1.8862 47.889/ 47.909	2.0035/ 2.0043 50.889/ 50.909	0.7677 19.50	0.0586 1.488
MB5525AM STD/.25/.5/.75/1.0 ACL:5M1557 CLE:MS-1557AL FMO:5109M VAN:VPM91909	M5558U	4 Pairs	1-2-4-5	2.2827/ 2.2835 57.981/ 58.001	2.4522/ 2.4528 62.286/ 62.301	0.8894 22.59	0.0842 2.139
	M5558U F5558	1 Pair	3	2.2827/ 2.2835 57.981/ 58.001	2.4522/ 2.4528 62.286/ 62.301	1.1310 28.73	0.0842 2.139
3	3036E L4 98CI /1.6Liter, OHV, 8 Valves, Gasoline	01/1978-12/1980	1599 cc	3.19 X 3.06	4 cyl	Fiesta	3
	CR 410AM STD/010/020/030/040/050/060 ACL:4B603 CLE:CB- 603AL (4) FMO:4-2785RA GLA:B43555SA GLY:01-2324/4 NDC:CB-3004 VAN:VPR819A	C 410	4 Pairs		1.9370/ 1.9375 49.200/ 49.213	2.0825/ 2.0830 52.896/ 52.908	
MB5507AM STD/020 ACL:5M1455 CLE:MS-1455AL FMO:5093M GLA:M5373SA VAN:VPM91653A	M5507	2 Pairs	1-5	2.1255/ 2.1260 53.988/ 54.000	2.2710/ 2.2715 57.683/ 57.696	0.8870 22.53	0.0722 1.834
	M 512	3 Pairs	2-3-4	2.1255/ 2.1260 53.988/ 54.000	2.2710/ 2.2715 57.683/ 57.696	1.0050 25.53	0.0722 1.834
TW 106AM ACL:1T 113 CLE:TW- 113S FMO:2786BF GLA:W2081SA GLY:A180/2 VAN:VPW95A	W 106	1 Pair		2.3400/ 2.3500 59.436/ 59.690	2.9330/ 2.9430 74.498/ 74.752	0.0000 0.00	0.0930 2.362
4	67 (1.1L) OHV	1971-73	1100 cc	3.19 X 2.10	4 cyl	Capri, Cortina, Escort	4
	2737E L4 98CI /1.6Liter, OHV, 8 Valves, vin L,W, Gasoline	01/1971-12/1973	1599 cc	3.19 X 3.06	4 cyl	Capri	
CR 410AM STD/010/020/030/040/050/060 ACL:4B603 CLE:CB- 603AL (4) FMO:4-2785RA GLA:B43555SA GLY:01-2324/4 NDC:CB-3004 VAN:VPR819A	C 410	4 Pairs		1.9370/ 1.9375 49.200/ 49.213	2.0825/ 2.0830 52.896/ 52.908	0.8800 22.35	0.0722 1.834
CS 332BB ACL:3C711S CLE:SH- 711S DUR:F-28 FMO:1459M GLA:C3037S GLY:N161/3 VAN:VPC941							
MB 512AM STD/010/020/030/040 ACL:5M742 CLE:MS- 742AL FMO:4865M GLA:M5195SA GLY:H 904/5 NDC:MS-3004 VAN:VPM91152A	M 512	5 Pairs		2.1255/ 2.1260 53.988/ 54.000	2.2710/ 2.2715 57.683/ 57.696	1.0050 25.53	0.0722 1.834
TW 106AM ACL:1T 113 CLE:TW- 113S FMO:2786BF GLA:W2081SA GLY:A180/2 VAN:VPW95A	W 106	1 Pair		2.3400/ 2.3500 59.436/ 59.690	2.9330/ 2.9430 74.498/ 74.752	0.0000 0.00	0.0930 2.362
5	RTK,RTJ L4 107CI /1.8Liter, SOHC, 8 Valves, Diesel	11/1995-06/2001	1753 cc	82.50 X 82.00	4 cyl	Fiesta Box (JV) D1.8, Fiesta Box (J5_J3) 1.8D, Fiesta IV (JA_JB) 1.8D	5
	RTA,RTB L4 107CI /1.8Liter, SOHC, 8 Valves, Diesel	07/1988-07/1990	1753 cc	82.50 X 82.00	4 cyl	Escort IV (GAF,AWF,ABFT), Escort 86' Express (AVF) 1.8D, Escort IV Estate (AWF,AVF) 1.8D, Orion II (AFF) 1.8D	
	RTC,RTD L4 107CI /1.8Liter, SOHC, 8 Valves, Diesel	03/1989-12/1996	1753 cc	82.50 X 82.00	4 cyl		
	RTE L4 107CI /1.8Liter, SOHC, 8 Valves, Diesel RTF -07/1990-09/2001	07/1990-12/1994	1753 cc	82.50 X 82.00	4 cyl		






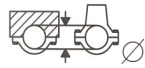


FORD (U.S.A.)					FORD (U.S.A.)				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
RTG -03/1989-06/1996 RTH -01/1989-09/2001									
CR4062AM STD./25/.5/.75/1.0 GLA:B4691SA GLY:01-4152/4 K.S:77 783 600 VAN:VPR92347A	C4062	4 Pairs		1.9280/ 1.9287 48.971/ 48.989	2.0472/ 2.0480 51.999/ 52.019	0.8500 21.59	0.0589 1.496		
MB5592AM STD./25/.5/.75/1.0 GLA:M5486SA GLY:H1105/5 OEM:6192407 VAN:VPM92348A	M5592/1	1 Pair	1	2.1248/ 2.1256 53.970/ 53.990	2.2710/ 2.2715 57.683/ 57.696	0.8728 22.17	0.0723 1.836		
	M5592/2U M5592/2L	4 Pairs	2-3-4-5	2.1248/ 2.1256 53.970/ 53.990	2.2710/ 2.2715 57.683/ 57.696	0.9450 24.00	0.0723 1.836		
MB5636AM GLY:7367M K.S:77 784 600	M5592/1	1 Pair	1	2.1248/ 2.1256 53.970/ 53.990	2.2710/ 2.2715 57.683/ 57.696	0.8720 22.15	0.0720 1.829		
	M5636/2L	4 Halves	2,3,4,5	2.1248/ 2.1256 53.970/ 53.990	2.2710/ 2.2715 57.683/ 57.696	0.8720 22.15	0.0720 1.829		
	M5636/2U	4 Halves	2,3,4,5	2.1248/ 2.1256 53.970/ 53.990	2.2710/ 2.2715 57.683/ 57.696	0.9020 22.91	0.0720 1.829		
TW 106AM ACL:1T 113 CLE:TW- 113S FMO:2786BF GLA:W2081SA GLY:A180/2 VAN:VPW95A	W 106	1 Pair		2.3400/ 2.3500 59.436/ 59.690	2.9330/ 2.9430 74.498/ 74.752	0.0000 0.00	0.0930 2.362		
6	BD-ZE L4 Mazda 98CI /1.6Liter, DOHC, 16 Valves, vin Z, Gasoline	01/1990-12/1994	1597 cc	78.00 X 84.00	4 cyl	Capri	6		
	B6-T L4 Mazda 98CI /1.6Liter, DOHC, 16 Valves, vin 6, Gasoline Turbocharge	01/1990-12/1994	1597 cc	78.00 X 84.00	4 cyl	Capri			
	B6 L4 Mazda 98CI /1.6Liter, SOHC, 8 Valves, vin 5,7, Gasoline	01/1987-12/1989	1598 cc	78.00 X 84.00	4 cyl	Tracer			
	BP-ZE L4 Mazda 112CI /1.8Liter, DOHC, 16 Valves, vin 8, Gasoline	01/1991-12/1996	1839 cc	83.00 X 85.00	4 cyl	Escort, Tracer			
CR4002AM STD./25/.5/.75/1.0 ACL:4B8351 CLE:CB-1453AL (4) DAI:R8108A FMO:4-4175 GLA:B4764SA GLY:01-4359/4 NDC:CB-2008A OEM:OK2YA-11-SEO OEM:B6Y0-11-SEO VAN:VPR92624	C4002	4 Pairs		1.7693/ 1.7699 44.940/ 44.955	1.8896/ 1.8904 47.996/ 48.016	0.6690 16.99	0.0594 1.509		
MB5537AM STD./25/.5/.75/1.0/1.25/1.5 ACL:5M8354 CLE:MS-1802AL DAI: M 822A2 FMO:7207M GLA:M5393SA NDC:MS-2008A OEM:OK2YA-11-SGO OEM:B6Y0-11-SGO VAN:VPM91878	M5537	5 Pairs		1.9661/ 1.9668 49.939/ 49.957	2.1259/ 2.1267 53.998/ 54.018	0.6890 17.50	0.0791 2.009		
TW 133AM STD./5 ACL:1T8353 CLE:TW- 472S DAI:T8108A FMO:4176AF GLA:W2408L GLY:A260/2 NDC:TW-2008A OEM:B6Y2-11-SJ0 OEM:B6Y0-11-SJ0	W 133	1 Pair		2.2539/ 2.2638 57.249/ 57.501	2.7067/ 2.7165 68.750/ 68.999	0.0000 0.00	0.1004 2.550		
7	114CI /1.9Liter L4 SOHC, 8 Valves, vin 9,J, Gasoline	01/1985-12/1986	1868 cc	3.23 X 3.46	4 cyl	EXP, Escort, Lynx, Tracer	7		
CR 436AM STD./25/.5/.75/1.0/1.25 ACL:4B1276 CLE:CB-1276AL (4) FMO:4-3805CP VAN:VPR91908	C 436	4 Pairs		1.8854/ 1.8862 47.889/ 47.909	2.0035/ 2.0043 50.889/ 50.909	0.7677 19.50	0.0586 1.488		
MB5558SI STD./25/.5/.75/1.0/1.25/1.5 ACL:5M1706 CLE:MS-1706P FMO:6695M GLA:M5540LC GLY:H1111/5	M5558U M5558L	4 Pairs	1-2-4-5	2.2827/ 2.2835 57.981/ 58.001	2.4522/ 2.4528 62.286/ 62.301	0.8890 22.58	0.0838 2.129		
	F5558 M5558L	1 Pair	3	2.2827/ 2.2835 57.981/ 58.001	2.4522/ 2.4528 62.286/ 62.301	1.1310 28.73	0.0838 2.129		
8	121CI /2.0Liter V4 DURATEC, DOHC, 16 Valves, vin N, Gasoline	01/2004-12/2009	1982 cc	87.40 X 83.00	4 cyl	Focus	8		
CR4515SI STD./05/.25/.5/.75/1.0 ACL:4B4390 CLE:CB-1840AL	C4515	4 Pairs		1.8496/ 1.8504 46.980/ 47.000	1.9695/ 1.9703 50.025/ 50.046	0.6400 16.26	0.0590 1.499		





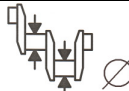
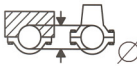


FORD (U.S.A.)				FORD (U.S.A.)			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
OEM:LFY1-11-SE0A							
MB5442SI STD/.25/.5/.75/1.0 ACL:5M8174A CLE:MS-2245AL FMO:7411MA OEM:1S7G-6A338/333	M5442U M5442L	4 Pairs	1-2-4-5	2.0464/ 2.0472 51.979/ 51.999	2.2448/ 2.2455 57.018/ 57.036	0.7520 19.10	0.0990 2.515
	F5442 M5442L	1 Pair	3	2.0464/ 2.0472 51.979/ 51.999	2.2448/ 2.2455 57.018/ 57.036	1.0140 25.76	0.0990 2.515
9	114CI /1.9Liter L4 SOHC, 8 Valves, vin 9,J, Gasoline	01/1987-12/1996	1868 cc	3.23 X 3.46	4 cyl	EXP, Escort, Lynx, Tracer	9
	121CI /2.0Liter L4 SOHC, 8 Valves, vin P, Gasoline	01/1997-12/2004	1989 cc	3.34 X 3.46	4 cyl	Escort, Focus, Tracer	
CR4021SI STD/.25/.5	C4021	4 Pairs		1.7279/ 1.7287 43.889/ 43.909	1.8460/ 1.8468 46.888/ 46.909	0.7680 19.51	0.0586 1.488
ACL:4B9514 CLE:CB-1380AL (4) FMO:4-1400CP GLA:B4744LC GLY:71-4446/4							
MB5558SI STD/.25/.5/.75/1.0/1.25/1.5 <i>FI STD length 28.73 mm in all undersizes.</i> ACL:5M1706 CLE:MS-1706P FMO:6695M GLA:M5540LC GLY:H1111/5	M5558U M5558L	4 Pairs	1-2-4-5	2.2827/ 2.2835 57.981/ 58.001	2.4522/ 2.4528 62.286/ 62.301	0.8890 22.58	0.0838 2.129
	F5558 M5558L	1 Pair	3	2.2827/ 2.2835 57.981/ 58.001	2.4522/ 2.4528 62.286/ 62.301	1.1310 28.73	0.0838 2.129
10	121CI /2.0Liter V4 ZETEC, DOHC, 16 Valves, vin 3,5,B,Z, Gasoline	01/1995-12/2004	1989 cc	84.80 X 88.00	4 cyl	Contour, Cougar, Escape, Focus, Mystique	10
CR4150SI STD/.25/.5/.75	C4150	4 Pairs		1.8461/ 1.8469 46.891/ 46.911	1.9642/ 1.9650 49.891/ 49.911	0.7913 20.10	0.0581 1.476
ACL:4B4135A CLE:CB-1774P (4) FMO:4-4135RA ~ GLA:B4780 GLY:4-4135RA~ VAN:VPR92662D							
MB5008SI ACL:5M7193A CLE:MS-2208P FMO:7193MA GLA:M5593 GLY:H1086/5 VAN:VPM92771A	M5008U M5008L	4 Pairs	1-2-4-5	2.2827/ 2.2834 57.981/ 57.998	2.4523/ 2.4527 62.288/ 62.299	0.0844 2.14	0.7710 19.583
	F5008 M5008L	1 Pair	3	2.2827/ 2.2834 57.981/ 57.998	2.4523/ 2.4527 62.288/ 62.299	0.0842 2.14	0.9730 24.714
11	FS-DE L4 Mazda 122CI /2.0Liter, DOHC, 16 Valves, vin A, Gasoline	01/1993-12/1997	1991 cc	83.00 X 92.00	4 cyl	Probe	11
CR4105AM STD/.25/.5/.75/1.0	C4105	4 Pairs		1.8874/ 1.8880 47.940/ 47.955	2.0079/ 2.0085 51.001/ 51.016	0.6732 17.10	0.0595 1.511
ACL:4B9300 CLE:CB-1652P (4) DAI:R8115A FMO:4-4765P NDC:CB-2018 OEM:FSY1-11-SE0							
MB5171AM STD/.25/.5/.75/1.0 ACL:5M8302 CLE:MS-2057AL DAI:M8115A FMO:7361M K.S:MS-2018A NDC:MS-2018 OEM:FSY1-11-SG0 OEM:FSY1-11-SG0A	M5171U M5171L	5 Pairs		2.2022/ 2.2030 55.936/ 55.956	2.3622/ 2.3630 60.000/ 60.020	0.6940 17.63	0.0792 2.012
TW 156AM ACL:1T8302 DAI:T8115A FMO:4766F K.S:TW-2018A NDC:TW-2018A OEM:FSY1-11-SJ0	W 156	1 Pair		2.4409/ 2.4508 61.999/ 62.250	3.2028/ 3.2126 81.351/ 81.600	0.0000 0.00	0.1004 2.550
12	122CI /2.0Liter L4 SOHC, 8 Valves, vin X, Gasoline	01/1971-12/1974	1993 cc	3.58 X 3.03	4 cyl	Capri, Pinto	12
CR4440AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:4B943P CLE:CB- 943AL (4) FMO:4-3460CP GLA:B4509SA GLY:01-4142/4 NDC:CB-3821 VAN:VPR91349A	C4440	4 Pairs		2.0468/ 2.0472 51.989/ 51.999	2.1653/ 2.1661 54.999/ 55.019	0.7870 19.99	0.0587 1.491
MB 545AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:5M1084P CLE:MS-1084AL FMO:5035M GLA:M5280SA K.S:87 370 600 NDC:MS-3821 VAN:VPM91350A	M 545	5 Pairs		2.2437/ 2.2441 56.990/ 57.000	2.3866/ 2.3874 60.620/ 60.640	0.9350 23.75	0.0710 1.803
TW 214AM ACL:2T 218 CLE:TW- 218S FMO:3461AFA GLA:W2198SA GLY:1644AF VAN:VPW8	W 214D W 214E	2 Pairs		2.5039/ 2.5138 63.599/ 63.851	3.1594/ 3.1693 80.249/ 80.500	0.0000 0.00	0.0921 2.339
13	RF L4 Mazda 122CI /2.0Liter, SOHC, 8 Valves, vin H, Diesel	01/1984-12/1987	1998 cc	86.00 X 86.00	4 cyl	Escort, Lynx, Tempo, Topaz	13

FORD (U.S.A.)				FORD (U.S.A.)				
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness	
CR 405AM STD/.25/.5/.75/1.0/1.25/1.5 ACL: 4B2130 CLE: CB-1362AL (4) DAI: R8111A FMO: 4-3975RA GLA: B4633SA GLY: 71-4278/4 NDC: CB-2004A OEM: F801-23-130 OEM: F801-23-105A VAN: VPR92032	C 405	4 Pairs		2.0055/ 2.0059 50.940/ 50.950	2.1259/ 2.1267 53.998/ 54.018	0.8320 21.13	0.0594 1.509	
MB5158AM STD/.25/.5/.75/1.0 ACL: 5M2134 CLE: MS-1780AL DAI: M8418A FMO: 6645M GLA: M5509LC GLY: H1161/5 NDC: MS-2007A OEM: RF01-23-135A VAN: VPM92556LC	M5158/1 M5158/3	4 Pairs 1 Pair	1-2-4-5 3	2.3598/ 2.3604 59.939/ 59.954 2.3598/ 2.3604 59.939/ 59.954	2.5197/ 2.5204 64.000/ 64.018 2.5197/ 2.5204 64.000/ 64.018	0.7531 19.13 0.8319 21.13	0.0790 2.007 0.0790 2.007	
TW 268AM <i>Under Development</i> ACL: 2T2134 DAI: T8418A FMO: 3977AF GLY: A243/2 NDC: TW-2007A OEM: RF01-23-115 VAN: VPW95260A	W 268	2 Pairs		0.0000/ 2.7260 0.000/ 69.240	3.3230/ 0.0000 84.404/ 0.000	0.0000 0.00	0.0807 2.050	
14	VB L4 Mazda 110CI /1.8Liter, SOHC, 8 Valves, Gasoline 121 (2.0L) Mazda MB SOHC 8 valve	01/1972-12/1978 1979-82	1796 cc 2000 cc	78.00 X 94.00 80.00 X 98.00	4 cyl 4 cyl	Courier Courier	14	
CR4485AM STD/.25/.5/.75/1.0 ACL: 4B1626 CLE: CB-1110AL (4) DAI: R8145A FMO: 4-6735ORA GLA: B4548SA NDC: CB-1086 OEM: 0290-23-105 VAN: VPR91586A	C4485	4 Pairs		2.0843/ 2.0848 52.941/ 52.954	2.2047/ 2.2055 55.999/ 56.020	0.8660 22.00	0.0594 1.509	
CS 330BB ACL: 3C8276 CLE: SH-1066S DUR: F-41 FMO: 1442M								
MB 572AM STD/.25/.5/.75/1.0/1.25/1.5 ACL: 5M1627 CLE: MS-1427AL DAI: M8133A FMO: 5027M GLA: M5317SA NDC: MS-1114 OEM: 0305-23-151A VAN: VPM91569A	M 572/1 M 572/3U M 572/3L	3 Pairs 2 Pairs	1-2-4 3-5	2.4779/ 2.4785 62.939/ 62.954 2.4779/ 2.4785 62.939/ 62.954	2.6378/ 2.6386 67.000/ 67.020 2.6378/ 2.6386 67.000/ 67.020	0.7240 18.39 0.9490 24.10	0.0791 2.009 0.0791 2.009	
TW 222AM STD ACL: 2T4162 CLE: TW- 231S DAI: T 833W FMO: 3567AF GLA: W2235S NDC: TW-1061GP OEM: 0305-23-201A VAN: VPW95060	W 222D W 222E	2 Pairs		2.8150/ 2.8248 71.501/ 71.750	3.4016/ 3.4114 86.401/ 86.650	0.0000 0.00	0.0807 2.050	
15	133CI /2.2Liter L4 Mazda SOHC, 12 Valves, vin C, Gasoline 133CI /2.2Liter L4 Mazda SOHC, 12 Valves, vin L, Gasoline Turbocharge	01/1989-12/1992 01/1989-12/1992	2179 cc 2179 cc	86.00 X 94.00 86.00 X 94.00	4 cyl 4 cyl	Probe Probe	15	
CR 405AM STD/.25/.5/.75/1.0/1.25/1.5 ACL: 4B2130 CLE: CB-1362AL (4) DAI: R8111A FMO: 4-3975RA GLA: B4633SA GLY: 71-4278/4 NDC: CB-2004A OEM: F801-23-130 OEM: F801-23-105A VAN: VPR92032	C 405	4 Pairs		2.0055/ 2.0059 50.940/ 50.950	2.1259/ 2.1267 53.998/ 54.018	0.8320 21.13	0.0594 1.509	
MB5225AM STD/.25/.5/.75/1.0 <i>same as MB5528AM, but with FI STD length 27.99 mm in all undersizes.</i> ACL: 5M8137 CLE: MS-2046P FMO: 6692M GLY: H1110/5								
MB5528AM STD/.25/.5/.75/1.0/1.25/1.5 <i>FI oversize length Flange length: STD - 27.99 mm (FI STD) 0.25 - 28.09 mm (FI oversize 0.1 mm); 0.50, 0.75 - 28.24 mm (FI oversize 0.25 mm) 1.0, 1.25, 1.50 - 28.49 mm (FI oversize 0.50 mm)</i> ACL: 5M8134 CLE: MS-1639P DAI: M8111A FMO: 6692M GLA: M5412SA NDC: MS-2004A OEM: F801-23-151 VAN: VPM92033A	M5528 F5528 M5528	4 Pairs 1 Pair	1-2-4-5 3	2.3598/ 2.3608 59.939/ 59.964 2.3598/ 2.3608 59.939/ 59.964	2.5196/ 2.5204 63.998/ 64.018 2.5196/ 2.5204 63.998/ 64.018	0.7530 19.13 1.1020 27.99	0.0791 2.009 0.0791 2.009	
16	121CI /2.0Liter L4 SOHC, 8 Valves, vin C, Gasoline 140CI /2.3Liter L4 SOHC, 8	01/1983-12/1988 01/1974-	1989 cc 2294 cc	3.52 X 3.13 3.78 X 3.13	4 cyl 4 cyl	Ranger Bobcat, Capri, Cougar, LTD,	16	

FORD (U.S.A.)				FORD (U.S.A.)				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
Valves, vin A,Y, Gasoline		12/1988		Marquis, Mustang, Ranger, T-Bird, Zephyr				
140CI /2.3Liter L4 SOHC, 8 Valves, vin T,W, Gasoline Turbocharge		01/1979-12/1988		2294 cc	3.78 X 3.13	4 cyl	Capri, Cougar, LTD, Marquis, Mustang, Ranger, T-Bird, XR4Ti	
CR4476SI STD/.25/.5/.75 ACL:4B984 CLE:CB- 984P(4) FMO:4-3545CPB OEM:ZZMO-11-225 VAN:VPR91532		C4476	4 Pairs		2.0465/ 2.0472 51.981/ 51.999	2.1720/ 2.1728 55.169/ 55.189	0.8000 20.32	0.0624 1.585
CS 328BB Aux. shaft set ACL:2C1095 CLE:SH-1095S DUR:FG-34 FMO:1460M								
CS 417BB ACL:4C777 CLE:SH- 777S DUR:F-34 FMO:1443M								
CS 417BBX extra oiling ACL:4C777BS FMO:1842M								
MB 582AM STD/.25/.5/.75/1.0/1.5 Single spark plug eng. Flange length: STD,0.25,0.50,0.75,1.0 -30.35mm 1.5 - 30.60mm (FI oversize 0.25mm) ACL:5M1117 CLE:MS-1117P FMO:4979M VAN:VPM91529		M 582	4 Pairs	1-2-4-5	2.3982/ 2.3990 60.914/ 60.935	2.5902/ 2.5910 65.791/ 65.811	0.9500 24.13	0.0956 2.428
		F 582U F 582L	1 Pair	3	2.3982/ 2.3990 60.914/ 60.935	2.5902/ 2.5910 65.791/ 65.811	1.1950 30.35	0.0956 2.428
17	140CI /2.3Liter L4 HSC, OHV, 8 Valves, vin R,S,X, Gasoline	01/1984-12/1985		2294 cc	3.68 X 3.13	4 cyl	Tempo, Topaz	17
CR4009AM STD/010/020/030 ACL:4B9515 CLE:CB- 583AL(4) FMO:4-2380CP		C 618	4 Pairs		2.1232/ 2.1240 53.929/ 53.950	2.2390/ 2.2398 56.871/ 56.891	0.8100 20.57	0.0574 1.458
CS 423BB ACL:4C1251 CLE:SH-1251S DUR:F-46 FMO:1494M								
MB5547AM STD/010/020/030/040 ACL:5M1629 CLE:MS-1629AL FMO:5130M		M 785 M5547	1 Pair	1	2.2482/ 2.2490 57.104/ 57.125	2.4012/ 2.4020 60.990/ 61.011	1.0200 25.91	0.0760 1.930
		M 785 M 762	3 Pairs	2-4-5	2.2482/ 2.2490 57.104/ 57.125	2.4012/ 2.4020 60.990/ 61.011	1.0200 25.91	0.0760 1.930
		F 762 M 785	1 Pair	3	2.2482/ 2.2490 57.104/ 57.125	2.4012/ 2.4020 60.990/ 61.011	1.2710 32.28	0.0760 1.930
18	140CI /2.3Liter L4 DURATEC, DOHC, 16 Valves, vin D,Z, Gasoline	01/2001-12/2009		2294 cc	87.40 X 94.00	4 cyl	Escape, Focus, Fusion, Mariner, Milan, Ranger	18
		01/2005-12/2008		2294 cc	87.40 X 94.00	4 cyl	Escape, Mariner	
CR4507SI ACL:4B8170A CLE:CB-1838AL FMO:4-4930A OEM:L3Y1-11-SE0		C4507	4 Pairs		1.9677/ 1.9685 49.980/ 50.000	2.0876/ 2.0884 53.025/ 53.045	0.6610 16.79	0.0590 1.499
MB5442SI STD/.25/.5/.75/1.0 ACL:5M8174A CLE:MS-2245AL FMO:7411MA OEM:1S7G-6A338/333		M5442U M5442L	4 Pairs	1-2-4-5	2.0464/ 2.0472 51.979/ 51.999	2.2448/ 2.2455 57.018/ 57.036	0.7520 19.10	0.0990 2.515
		F5442 M5442L	1 Pair	3	2.0464/ 2.0472 51.979/ 51.999	2.2448/ 2.2455 57.018/ 57.036	1.0140 25.76	0.0990 2.515
19	140CI /2.3Liter L4 SOHC, 8 Valves, vin A,M, Gasoline	01/1989-12/1997		2294 cc	3.78 X 3.13	4 cyl	Mustang, Ranger	19
		01/1989-12/1990		2294 cc	3.78 X 3.13	4 cyl	Mustang, XR4Ti	
CR4476SI STD/.25/.5/.75 ACL:4B984 CLE:CB- 984P(4) FMO:4-3545CPB OEM:ZZMO-11-225 VAN:VPR91532		C4476	4 Pairs		2.0465/ 2.0472 51.981/ 51.999	2.1720/ 2.1728 55.169/ 55.189	0.8000 20.32	0.0624 1.585
CS 328BB Aux. shaft set								









FORD (U.S.A.)				FORD (U.S.A.)				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
ACL:2C1095 DUR:FG-34	CLE:SH-1095S FMO:1460M							
CS 417BB								
ACL:4C777 DUR:F-34	CLE:SH- 777S FMO:1443M							
CS 417BBX <i>extra oiling</i>								
ACL:4C777BS	FMO:1842M							
MB5278AM STD/.25/.5/.75/1.0 <i>Dual spark plug eng. Flange length: STD, 0.25, 0.50, 0.75, 1.0 - 30.35mm 1.5 - 30.60mm (FI oversize 0.25mm)</i>	M5278U M5278L	4 Pairs	1-2-4-5	2.2051/ 2.2059 56.010/ 56.030	2.3971/ 2.3979 60.886/ 60.907	0.9500 24.13	0.0956 2.428	
ACL:5M1743 FMO:7291M	CLE:MS-1743P OEM:Z2MO-11-356	1 Pair	3	2.2051/ 2.2059 56.010/ 56.030	2.3971/ 2.3979 60.886/ 60.907	1.1950 30.35	0.0956 2.428	
MB5279AM <i>Same as MB5278AM but with 2 flanged halves. Lower flange half is without locating lug.</i>	M5278U M5278L	4 Pairs	1-2-4-5	2.2051/ 2.2059 56.010/ 56.030	2.3971/ 2.3979 60.886/ 60.907	0.9500 24.13	0.0956 2.428	
	F5278 F5279	1 Pair	3	2.2051/ 2.2059 56.010/ 56.030	2.3971/ 2.3979 60.886/ 60.907	1.1950 30.35	0.0956 2.428	
20	140CI /2.3Liter L4 HSC, OHV, 8 Valves, vin R,S,X, Gasoline	01/1986-12/1994	2294 cc	3.68 X 3.13	4 cyl	Tempo, Topaz	20	
CR4010AM STD/010/020/030/040	C4010	4 Pairs		2.1232/ 2.1240 53.929/ 53.950	2.2390/ 2.2398 56.871/ 56.891	0.8100 20.57	0.0574 1.458	
ACL:4B95166 FMO:4-1035CP	CLE:CB-1383AL (4)							
CS 423BB								
ACL:4C1251 DUR:F-46	CLE:SH-1251S FMO:1494M							
MB5547AM STD/010/020/030/040	M 785 M5547	1 Pair	1	2.2482/ 2.2490 57.104/ 57.125	2.4012/ 2.4020 60.990/ 61.011	1.0200 25.91	0.0760 1.930	
ACL:5M1629 FMO:5130M	CLE:MS-1629AL							
	M 785 M 762	3 Pairs	2-4-5	2.2482/ 2.2490 57.104/ 57.125	2.4012/ 2.4020 60.990/ 61.011	1.0200 25.91	0.0760 1.930	
	F 762 M 785	1 Pair	3	2.2482/ 2.2490 57.104/ 57.125	2.4012/ 2.4020 60.990/ 61.011	1.2710 32.28	0.0760 1.930	
21	140CI /2.3Liter L4 Mitsubishi SOHC, 8 Valves, Diesel Turbocharge	01/1985-12/1987	2300 cc	91.10 X 90.00	4 cyl	Bronco II, Ranger	21	
CR4466AM STD/.25/.5/.75/1.0/1.5	C4466	4 Pairs		2.0858/ 2.0866 52.979/ 53.000	2.2047/ 2.2055 55.999/ 56.020	0.9840 24.99	0.0590 1.499	
ACL:4B1136 DAI:R7270A GLA:B4559SA NDC:CB-1131GP OEM:AM15-11-SE0	CLE:CB-1220AL (4) FMO:4-66675CP GLY:71-4194/4 OEM:MD020891 VAN:VPR91683A							
MB 577AM STD/.25/.5/.75/1.0 <i>Flange length: STD 30.96 mm (FI STD) 0.25 30.16 mm (FI O/S 0.1) 0.5,0.75,1.0 31.21mm (FI O/S 0.25mm)</i>	M 577	4 Pairs	1-2-4-5	2.5976/ 2.5984 65.979/ 65.999	2.7559/ 2.7567 70.000/ 70.020	0.9840 24.99	0.0782 1.986	
ACL:5M1134 DAI:M7277A NDC:MS-1131GP VAN:VPM91684A	CLE:MS-1430AL GLA:M5435SA OEM:MD020381							
	F 577	1 Pair	3	2.5976/ 2.5984 65.979/ 65.999	2.7559/ 2.7567 70.000/ 70.020	1.2190 30.96	0.0782 1.986	
MB5228AM STD/.25/.5/.75/1.0 <i>same as MB 577AM, but with flange STD length in all undersizes .</i>	M 577	4 Pairs	1-2-4-5	2.5976/ 2.5984 65.979/ 65.999	2.7559/ 2.7567 70.000/ 70.020	0.9840 24.99	0.0782 1.986	
ACL:5M1137 FMO:6593M	CLE:MS-2069P GLY:H1055/5							
	F5228	1 Pair	3	2.5976/ 2.5984 65.979/ 65.999	2.7559/ 2.7567 70.000/ 70.020	1.2190 30.96	0.0782 1.986	
22	KL-ZE V6 Mazda 152CI /2.5Liter, DOHC, 24 Valves, vin B, Gasoline	01/1993-12/1997	2497 cc	84.50 X 74.00	6 cyl	Probe	22	
CR6655AM STD/.25/.5/.75/1.0	C6655	6 Pairs		2.0839/ 2.0848 52.931/ 52.954	2.2047/ 2.2055 55.999/ 56.020	0.6690 16.99	0.0595 1.511	
ACL:6B8350 DAI:R 834A GLA:B6671 OEM:KJY1-11-SE0 VAN:VPR06032	CLE:CB-1592/1653 (6) FMO:6-1970RA/6-4695 NDC:CB-2010A OEM:JEY0-11-SE0							
MB 496AM STD/.25/.5/.75	M 496/1U M 496/1L	3 Pairs		2.4386/ 2.4392 61.940/ 61.956	2.6356/ 2.6367 66.944/ 66.972	0.7090 18.01	0.0980 2.489	
ACL:4M8147 FMO:7347M	CLE:MS-2058AL OEM:KLY1-11-SGOB							

FORD (U.S.A.)				FORD (U.S.A.)			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
VAN:VPM06005	M 496/2U M 496/2L	1 Pair		2.4386/ 2.4392 61.940/ 61.956	2.6356/ 2.6367 66.944/ 66.972	0.8600 21.84	0.0980 2.489
TW 256AM ACL:2T8352 DAI:T 834A GLA:W4099Z NDC:TW-2010GP VAN:VPM02016A CLE:TW- 552S FMO:1603AF K.S:TW-2010GP OEM:JFY1-11-SJO	W 256D W 256E	2 Pairs		2.6772/ 2.6870 68.001/ 68.250	3.1496/ 3.1594 80.000/ 80.249	0.0000 0.00	0.0810 2.057
23	153CI /2.5Liter L4 HSC, OHV, 8 Valves, vin N, Gasoline	01/1986-12/1991	2507 cc	3.68 X 3.58	4 cyl	Sable, Taurus	23
CR4010AM STD/010/020/030/040 ACL:4B95166 FMO:4-1035CP CLE:CB-1383AL (4)	C4010	4 Pairs		2.1232/ 2.1240 53.929/ 53.950	2.2390/ 2.2398 56.871/ 56.891	0.8100 20.57	0.0574 1.458
CS 423BB ACL:4C1251 DUR:F-46 CLE:SH-1251S FMO:1494M							
MB5547AM STD/010/020/030/040 ACL:5M1629 FMO:5130M CLE:MS-1629AL	M 785 M5547	1 Pair	1	2.2482/ 2.2490 57.104/ 57.125	2.4012/ 2.4020 60.990/ 61.011	1.0200 25.91	0.0760 1.930
	M 785 M 762	3 Pairs	2-4-5	2.2482/ 2.2490 57.104/ 57.125	2.4012/ 2.4020 60.990/ 61.011	1.0200 25.91	0.0760 1.930
	F 762 M 785	1 Pair	3	2.2482/ 2.2490 57.104/ 57.125	2.4012/ 2.4020 60.990/ 61.011	1.2710 32.28	0.0760 1.930
24	153CI /2.5Liter L4 SOHC, 8 Valves, vin C, Gasoline	01/1998-12/2001	2507 cc	3.78 X 3.41	4 cyl	Ranger	24
CR4476SI STD/.25/.5/.75 ACL:4B984 FMO:4-3545CPB VAN:VPR91532 CLE:CB- 984P (4) OEM:ZZMO-11-225	C4476	4 Pairs		2.0465/ 2.0472 51.981/ 51.999	2.1720/ 2.1728 55.169/ 55.189	0.8000 20.32	0.0624 1.585
MB5278AM STD/.25/.5/.75/1.0 Flange length: STD,0.25,0.50,0.75,1.0 -30.35mm 1.5 - 30.60mm (Fl oversize 0.25mm) ACL:5M1743 FMO:7291M CLE:MS-1743P OEM:ZZMO-11-356	M5278U M5278L	4 Pairs	1-2-4-5	2.2051/ 2.2059 56.010/ 56.030	2.3971/ 2.3979 60.886/ 60.907	0.9500 24.13	0.0956 2.428
	F5278 M5278L	1 Pair	3	2.2051/ 2.2059 56.010/ 56.030	2.3971/ 2.3979 60.886/ 60.907	1.1950 30.35	0.0956 2.428
MB5279AM Same as MB5278AM, but with 2 flanged halves. Lower flanged half is without locating lug.	M5278U M5278L	4 Pairs	1-2-4-5	2.2051/ 2.2059 56.010/ 56.030	2.3971/ 2.3979 60.886/ 60.907	0.9500 24.13	0.0956 2.428
	F5278 F5279	1 Pair	3	2.2051/ 2.2059 56.010/ 56.030	2.3971/ 2.3979 60.886/ 60.907	1.1950 30.35	0.0956 2.428
25	156CI /2.6Liter V6 OHV, 12 Valves, vin U, Gasoline	01/1972-12/1973	2551 cc	3.54 X 2.63	6 cyl	Capri	25
CR 642SI ACL:6B723 FMO:6-3055CP GLY:71-2185/6 OEM:ZZL2-11-SEO CLE:CB- 723AL (6) GLA:B6405SA K.S:87 280 600 VAN:VPR91201	C 642	6 Pairs		2.1252/ 2.1260 53.980/ 54.000	2.2370/ 2.2378 56.820/ 56.840	0.6490 16.48	0.0552 1.402
MB 431SI 010/020/030 FI STD length 26.29 mm in all undersizes. ACL:4M860 FMO:6101M GLY:H 816/4 VAN:VPM91401A CLE:MS-1983P GLA:M4256SA K.S:87 277 600~	M4023U	3 Pairs	1-2-4	2.2433/ 2.2441 56.980/ 57.000	2.3866/ 2.3874 60.620/ 60.640	0.8500 21.59	0.0710 1.803
	F4023U	1 Pair	3	2.2433/ 2.2441 56.980/ 57.000	2.3866/ 2.3874 60.620/ 60.640	1.0350 26.29	0.0710 1.803
MB 499AM Same as MB 431SI but with FI oversize length . Flange length: STD - 26.29mm (FI STD) .010 .020 030 - 26.54mm (FI oversize .010) .040 .050 .060 - 26.79mm (FI oversize .020) CLE:MS- 860P GLA:M4219SA FMO:7269M10 VAN:VPM91235A							
26	171CI /2.8Liter V6 OHV, 12 Valves, vin S, Gasoline	01/1983-12/1986	2792 cc	3.66 X 2.70	6 cyl	Aerostar, Bronco II, Ranger	26
CR 642SI ACL:6B723 CLE:CB- 723AL (6)	C 642	6 Pairs		2.1252/ 2.1260 53.980/ 54.000	2.2370/ 2.2378 56.820/ 56.840	0.6490 16.48	0.0552 1.402






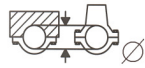


FORD (U.S.A.)				FORD (U.S.A.)				
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness	
FMO:6-3055CP GLY:71-2185/6 OEM:ZZL2-11-SEO	GLA:B6405SA K.S:87 280 600 VAN:VPR91201							
CS 424BB ACL:4C1002BS DUR:F-47B	CLE:SH-1390S FMO:1838M							
MB 431SI _{10/020/030} <i>FI STD length 26.29 mm in all undersizes.</i> ACL:4M860 FMO:6101M GLY:H 816/4 VAN:VPM91401A	M4023U F4023U	3 Pairs 1 Pair	1-2-4 3	2.2433/ 2.2441 56.980/ 57.000 2.2433/ 2.2441 56.980/ 57.000	2.3866/ 2.3874 60.620/ 60.640 2.3866/ 2.3874 60.620/ 60.640	0.8500 21.59 1.0350 26.29	0.0710 1.803 0.0710 1.803	
MB 499AM <i>Same as MB 431SI but with FI oversize length.</i> <i>Flange length:</i> <i>STD - 26.29mm (FI STD)</i> <i>.010 .020 030 - 26.54mm (FI oversize .010)</i> <i>.040 .050 .060 - 26.79mm (FI oversize .020)</i> CLE:MS- 860P GLA:M4219SA	FMO:7269M10 VAN:VPM91235A							
27	171CI /2.8Liter V6 OHV, 12 Valves, vin Z, Gasoline	01/1974- 12/1979	2792 cc	3.66 X 2.70	6 cyl	Bobcat, Capri, Mustang, Pinto	27	
CR 642SI ACL:6B723 FMO:6-3055CP GLY:71-2185/6 OEM:ZZL2-11-SEO	CLE:CB- 723AL(6) GLA:B6405SA K.S:87 280 600 VAN:VPR91201	C 642	6 Pairs		2.1252/ 2.1260 53.980/ 54.000	2.2370/ 2.2378 56.820/ 56.840	0.6490 16.48	0.0552 1.402
MB 435SI _{STD/010/020/030/040} ACL:4M1657 FMO:5065M GLY:H 934/4 VAN:VPM91744	CLE:MS-1692AL GLA:M4260SA VAN:VPM91744	M4023U	4 Pairs		2.2433/ 2.2441 56.980/ 57.000	2.3866/ 2.3874 60.620/ 60.640	0.8500 21.59	0.0710 1.803
TW 223AM ACL:2T1657 FMO:3056AF VAN:VPM95037	CLE:TW- 325S GLA:W2286SA							
28	177CI /2.9Liter V6 OHV, 12 Valves, vin V, Gasoline	01/1986- 12/1989	2900 cc	3.66 X 2.83	6 cyl	Bronco II, Ranger, Scorpio	28	
CR 642SI ACL:6B723 FMO:6-3055CP GLY:71-2185/6 OEM:ZZL2-11-SEO	CLE:CB- 723AL(6) GLA:B6405SA K.S:87 280 600 VAN:VPR91201	C 642	6 Pairs		2.1252/ 2.1260 53.980/ 54.000	2.2370/ 2.2378 56.820/ 56.840	0.6490 16.48	0.0552 1.402
CS 424BB ACL:4C1002BS DUR:F-47B	CLE:SH-1390S FMO:1838M							
MB 431SI _{10/020/030} <i>FI STD length 26.29 mm in all undersizes.</i> ACL:4M860 FMO:6101M GLY:H 816/4 VAN:VPM91401A	M4023U F4023U	3 Pairs 1 Pair	1-2-4 3	2.2433/ 2.2441 56.980/ 57.000 2.2433/ 2.2441 56.980/ 57.000	2.3866/ 2.3874 60.620/ 60.640 2.3866/ 2.3874 60.620/ 60.640	0.8500 21.59 1.0350 26.29	0.0710 1.803 0.0710 1.803	
MB 499AM <i>Same as MB 431SI but with FI oversize length.</i> <i>Flange length:</i> <i>STD - 26.29mm (FI STD)</i> <i>.010 .020 030 - 26.54mm (FI oversize .010)</i> <i>.040 .050 .060 - 26.79mm (FI oversize .020)</i> CLE:MS- 860P GLA:M4219SA	FMO:7269M10 VAN:VPM91235A							
29	177CI /2.9Liter V6 OHV, 12 Valves, vin T, Gasoline	01/1990- 12/1992	2900 cc	3.66 X 2.83	6 cyl	Bronco II, Ranger	29	
CR 642SI ACL:6B723 FMO:6-3055CP GLY:71-2185/6 OEM:ZZL2-11-SEO	CLE:CB- 723AL(6) GLA:B6405SA K.S:87 280 600 VAN:VPR91201	C 642	6 Pairs		2.1252/ 2.1260 53.980/ 54.000	2.2370/ 2.2378 56.820/ 56.840	0.6490 16.48	0.0552 1.402
CS 424BB ACL:4C1002BS DUR:F-47B	CLE:SH-1390S FMO:1838M							
MB4023SI _{STD/010/020/030/040} ACL:4M2006	CLE:MS-2006P	M4023U M4023L	3 Pairs	1-2-4	2.2433/ 2.2441 56.980/ 57.000	2.3866/ 2.3874 60.620/ 60.640	0.8500 21.59	0.0710 1.803

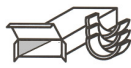




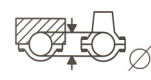


FORD (U.S.A.)					FORD (U.S.A.)			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
FMO: 7245M OEM: ZZLO-11-SGO	GLA: M4269SA VAN: VPM92319	F4023U F4023L	1 Pair	3	2.2433/ 2.2441 56.980/ 57.000	2.3866/ 2.3874 60.620/ 60.640	1.0350 26.29	0.0710 1.803
30	182CI /3.0Liter V6 VULCAN, OHV, 12 Valves, vin 1,2,U, Gasoline	01/1986- 12/2008	2982 cc	89.00 X 80.00	6 cyl	Aerostar, Probe, Ranger, Sable, Taurus, Tempo, Topaz, Windstar	30	
CR 691SI STD/.25/.5/.75/1.0 ACL: 6B1385 FMO: 6-1220CP	CLE: CB-1385AL (6) OEM: ZZM1-11-225	C 691	6 Pairs		2.1253/ 2.1261 53.983/ 54.003	2.2500/ 2.2508 57.150/ 57.170	0.7580 19.25	0.0618 1.570
CS 425BB ACL: 4C048S DUR: F-48	CLE: SH-1334S FMO: 1777M							
MB 459SI ACL: 4M1702 FMO: 7011M	CLE: MS-1702P	M 459/1U M 459/1L	2 Pairs	1-2	2.5190/ 2.5198 63.983/ 64.003	2.7120/ 2.7127 68.885/ 68.903	0.7360 18.69	0.0962 2.443
		M 459/4U M 459/4L	1 Pair	4	2.5190/ 2.5198 63.983/ 64.003	2.7120/ 2.7127 68.885/ 68.903	1.0630 27.00	0.0961 2.441
		F 459U F 459L	1 Pair	3	2.5190/ 2.5198 63.983/ 64.003	2.7120/ 2.7127 68.885/ 68.903	1.0100 25.65	0.0961 2.441
31	155CI /2.5Liter V6 DURATEC, DOHC, 24 Valves, vin G,L, Gasoline	01/1995- 12/2002	2540 cc	3.24 X 3.13	6 cyl	Contour, Cougar, Mystique	31	
	181CI /3.0Liter V6 DURATEC, DOHC, 24 Valves, vin 1,S, Gasoline	01/1996- 12/2006	2982 cc	3.50 X 3.13	6 cyl	Escape, LS, Mariner, Sable, Taurus		
CR6751SI STD/.25/.5/.75/1.0 ACL: 6B4395A FMO: 6-4395A	CLE: CB-1772P (6) ~ OEM: AJ03-11-225	C6751	6 Pairs		1.9674/ 1.9681 49.972/ 49.990	2.0872/ 2.0880 53.015/ 53.035	0.7067 17.95	0.0592 1.504
MB4056SI STD/.25/.5/.75/1.0 <i>Set includes Thrust Washers</i> ACL: 4M7262A FMO: 7262MA	CLE: MS-2207P ~ OEM: AJ03-11-SGO	M4056U M4056L	3 Pairs	1-2,4	2.4791/ 2.4800 62.969/ 62.992	2.6771/ 2.6780 67.998/ 68.021	0.7047 17.90	0.0985 2.502
		M4056U F4056L	1 Pair	3	2.4791/ 2.4800 62.969/ 62.992	2.6771/ 2.6780 67.998/ 68.021	0.8783 22.31	0.0985 2.502
		W4056	1 Half	3	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.0767 1.948
32	181CI /3.0Liter V6 Nissan SOHC, 12 Valves, vin 1,W, Gasoline	01/1993- 12/1998	2982 cc	87.00 X 83.00	6 cyl	Villager	32	
	200CI /3.3Liter V6 Nissan SOHC, 12 Valves, vin T, Gasoline	01/1999- 12/2002	3275 cc	91.50 X 83.00	6 cyl	Villager		
CR6676SI STD/.25/.5/.75/1.0/1.25/1.5 ACL: 6B2390 DAI: R2578A GLA: B6659SA OEM: 12111-0B100 VAN: VPR92795	CLE: CB-1591P (6) FMO: 6-1845CP- NDC: CB-1206GP OEM: 12111-02P00	C6676	6 Pairs		0.0000/ 1.9675 0.000/ 49.975	0.0000/ 2.0871 0.000/ 53.012	0.6690 16.99	0.0594 1.509
MB 453AM STD/.25/.5/.75/1.0 <i>Flange length:</i> <i>STD - 28.85 mm (FI STD)</i> <i>0.25 - 28.95 mm (FI oversize 0.1 mm)</i> <i>0.50, 0.75, 1.0 - 29.10 mm (FI oversize 0.25 mm)</i> ACL: 4M2777 ~ FMO: 7099M NDC: MS-1201 VAN: VPM92807A	CLE: MS-1637 GLA: M4291SA OEM: 12215/31-02P25	M 453/1U M 495/1L	1 Pair	1	0.0000/ 2.4793 0.000/ 62.974	0.0000/ 2.6243 0.000/ 66.657	0.8860 22.50	0.0720 1.829
		M 453/2U M 495/2L	2 Pairs	2-3	0.0000/ 2.4793 0.000/ 62.974	0.0000/ 2.6243 0.000/ 66.657	0.7480 19.00	0.0720 1.829
		F 453U F 453L	1 Pair	4	0.0000/ 2.4793 0.000/ 62.974	0.0000/ 2.6242 0.000/ 66.655	1.1360 28.85	0.0720 1.829
MB4008AM STD/.25/.5/.75/1.0 <i>Same as MB 453AM, but with FI STD length (28.85 mm in all undersizes).</i> ACL: 4M2777 FMO: 7099~	CLE: MS-2074P OEM: 12207-02P25							
33	144CI /2.4Liter L6 OHV, 12 Valves, vin D,S, Gasoline	01/1960- 12/1964	2358 cc	3.50 X 2.50	6 cyl	E100, Falcon	33	
	170CI /2.8Liter L6 OHV, 12 Valves, vin U, Gasoline	01/1961- 12/1972	2786 cc	3.50 X 2.94	6 cyl	Bronco, Calienta, Comet, Country Sedan, E100, E200, Fairlane, Falcon,		






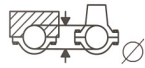


FORD (U.S.A.)					FORD (U.S.A.)				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
	200CI /3.3Liter L6 OHV, 12 Valves, vin T, Gasoline	01/1963-12/1964	3277 cc	3.68 X 3.13	6 cyl	Meteor, Mustang, P100 Bronco, Capri, Comet, Cougar, Fairlane, Fairmont, Falcon, Granada, LTD, Marquis, Maverick, Meteor, Monarch, Montego, Mustang, Ranchero, T-Bird, Torino, Villager, Voyager, Zephyr			
CR 618AM STD/001/010/020/030/040/060 ACL: 6B583 CLE: CB- 583AL (6) FMO: 6-2380CP GLA: B6301SA VAN: VPR871	C 618	6 Pairs		2.1232/ 2.1240 53.929/ 53.950	2.2390/ 2.2398 56.871/ 56.891	0.8100 20.57	0.0574 1.458		
CS 418BB STD ACL: 4C703 CLE: SH- 703S DUR: F-32 FMO: 1439M VAN: VPC995									
MB 409AM STD/010/020/030/040/060 CLE: MS- 518AL FMO: 4222M	M 762	3 Pairs	1-2-4	2.2482/ 2.2490 57.104/ 57.125	2.4012/ 2.4020 60.990/ 61.011	1.0200 25.91	0.0759 1.928		
	F 762	1 Pair	3	2.2482/ 2.2490 57.104/ 57.125	2.4012/ 2.4020 60.990/ 61.011	1.2710 32.28	0.0758 1.925		
MB 424AM STD/010/040 <i>Argentinean specification</i> FMO: 4222 (ARG.)	M 785 M 762	3 Pairs	1-2-4	2.2482/ 2.2490 57.104/ 57.125	2.4012/ 2.4020 60.990/ 61.011	1.0200 25.91	0.0759 1.928		
	F 762	1 Pair	3	2.2482/ 2.2490 57.104/ 57.125	2.4012/ 2.4020 60.990/ 61.011	1.2710 32.28	0.0758 1.925		
34	200CI /3.3Liter L6 OHV, 12 Valves, vin T, Gasoline	01/1965-12/1975	3277 cc	3.68 X 3.13	6 cyl	Bronco, Caliente, Comet, Fairlane, Falcon, Granada, Maverick, Meteor, Monarch, Montego, Mustang, Ranchero, Torino, Villager, Voyager			34
CR 618AM STD/001/010/020/030/040/060 ACL: 6B583 CLE: CB- 583AL (6) FMO: 6-2380CP GLA: B6301SA VAN: VPR871	C 618	6 Pairs		2.1232/ 2.1240 53.929/ 53.950	2.2390/ 2.2398 56.871/ 56.891	0.8100 20.57	0.0574 1.458		
CS 418BB STD ACL: 4C703 CLE: SH- 703S DUR: F-32 FMO: 1439M VAN: VPC995									
MB 762AM STD/010/020/030/040/060 <i>Up to 5/75. Flange length: STD,010,020,030,040 - 32.28 mm (FI STD) 060 - 32.54mm (FI O/S 010")</i>	M 762	6 Pairs	1-2-3-4-6-7	2.2482/ 2.2490 57.104/ 57.125	2.4012/ 2.4020 60.990/ 61.011	1.0200 25.91	0.0759 1.928		
ACL: 7M771 CLE: MS- 771AL FMO: 4290M GLA: M7280SA VAN: VPM91646	F 762	1 Pair	5	2.2482/ 2.2490 57.104/ 57.125	2.4012/ 2.4020 60.990/ 61.011	1.2710 32.28	0.0758 1.925		
35	200CI /3.3Liter L6 OHV, 12 Valves, Gasoline	-	3277 cc	3.68 X 3.13	6 cyl				35
CR 618AM STD/001/010/020/030/040/060 ACL: 6B583 CLE: CB- 583AL (6) FMO: 6-2380CP GLA: B6301SA VAN: VPR871	C 618	6 Pairs		2.1232/ 2.1240 53.929/ 53.950	2.2390/ 2.2398 56.871/ 56.891	0.8100 20.57	0.0574 1.458		
CS 418BB STD ACL: 4C703 CLE: SH- 703S DUR: F-32 FMO: 1439M VAN: VPC995									
MB 782AM STD/010/020/030/040 FMO: 4953M	M 785 M 762	6 Pairs	1-2-3-4-6-7	2.2482/ 2.2490 57.104/ 57.125	2.4012/ 2.4020 60.990/ 61.011	1.0200 25.91	0.0759 1.928		
	F 762	1 Pair	5	2.2482/ 2.2490 57.104/ 57.125	2.4012/ 2.4020 60.990/ 61.011	1.2710 32.28	0.0758 1.925		
MB7729AM o20 <i>Same as MB 782AM but with flange oversize .010"</i>	M 785 M 762	6 Pairs	1-2-3-4-6-7	2.2482/ 2.2490 57.104/ 57.125	2.4012/ 2.4020 60.990/ 61.011	1.0200 25.91	0.0759 1.928		

FORD (U.S.A.)				FORD (U.S.A.)			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
	F7729	1 Pair	5	2.2482/ 2.2490 57.104/ 57.125	2.4012/ 2.4020 60.990/ 61.011	1.2710 32.28	0.0758 1.925
MB7730AM050 <i>Same as MB 782AM but with flange oversize .020"</i>	M 785 M 762	6 Pairs	1-2-3-4- 6-7	2.2482/ 2.2490 57.104/ 57.125	2.4012/ 2.4020 60.990/ 61.011	1.0200 25.91	0.0759 1.928
	F7730	1 Pair	5	2.2482/ 2.2490 57.104/ 57.125	2.4012/ 2.4020 60.990/ 61.011	1.2710 32.28	0.0758 1.925
36	200CI /3.3Liter L6 OHV, 12 Valves, vin B,T,X, Gasoline	01/1976-12/1983	3277 cc	3.68 X 3.13	6 cyl	Capri, Comet, Cougar, Fairmont, Granada, LTD, Marquis, Monarch, T-Bird, Zephyr	36
CR 618AM STD/001/010/020/030/040/060 ACL:6B583 CLE:CB- 583AL (6) FMO:6-2380CP GLA:B6301SA VAN:VPR871	C 618	6 Pairs		2.1232/ 2.1240 53.929/ 53.950	2.2390/ 2.2398 56.871/ 56.891	0.8100 20.57	0.0574 1.458
CS 418BB STD ACL:4C703 CLE:SH- 703S DUR:F-32 FMO:1439M VAN:VPC995							
MB 785AM STD/010/020/030/040 <i>From 575. Flange length: STD, 010, 020, 030, 040 - 32.28mm (FI STD) 060 - 32.54mm (FI O/S 010")</i> ACL:7M1389 CLE:MS-1389AL FMO:5071M VAN:VPM91646	M 762 M 785	6 Pairs	1-2-3-4- 6-7	2.2482/ 2.2490 57.104/ 57.125	2.4012/ 2.4020 60.990/ 61.011	1.0200 25.91	0.0759 1.928
	F 762 F 785	1 Pair	5	2.2482/ 2.2490 57.104/ 57.125	2.4012/ 2.4020 60.990/ 61.011	1.2710 32.28	0.0758 1.925
37					0 cyl		37
					0 cyl		
					0 cyl		
	220CI /3.6Liter L4 Dagenham, OHV, 8 Valves, vin 4, Diesel	01/1960-12/1966	3611 cc	100.00 X 115.00	4 cyl	400 Series (1-1/2 Ton), 500 Series (1-1/2,2 Ton), F350 (1 Ton), Ford Truck, P 350 (1 Ton)	
CR 451AM STD/010/020/030/040/050/060 CLE:CB- 489AL (4) FMO:4-2245RAA GLA:B4250SA OEM:6211 BAA VAN:VPR742	C 451	4 Pairs		2.4997/ 2.5005 63.492/ 63.513	2.6460/ 2.6465 67.208/ 67.221	1.3400 34.04	0.0724 1.839
MB 501AM STD/010/020/030/040/050/060/070 CLE:MS- 755AL FMO:4207M/4866M GLA:M5089SA GLY:H1116/5 OEM:528E 6K371A VAN:VPM743	M 501/1	3 Pairs	1-2-4	3.0002/ 3.0010 76.205/ 76.225	3.1665/ 3.1670 80.429/ 80.442	1.0500 26.67	0.0823 2.090
	M 501/2	2 Pairs	3-5	3.0002/ 3.0010 76.205/ 76.225	3.1665/ 3.1670 80.429/ 80.442	1.4250 36.20	0.0823 2.090
TW 232AM CLE:TW- 120S FMO:2248AF GLA:W2082SA GLY:A176/4 OEM:81708116 VAN:VPW20	W 232D W 232E	2 Pairs		3.3150/ 3.3250 84.201/ 84.455	3.8880/ 3.8980 98.755/ 99.009	0.0000 0.00	0.0920 2.337
38	232CI /3.8Liter V6 OHV, 12 Valves, vin 3,4,C, Gasoline	01/1982-12/1995	3801 cc	96.80 X 86.00	6 cyl	Capri, Continental, Cougar, F100, Granada, LTD, Marquis, Mustang, Sable, T-Bird, Taurus, Windstar	38
CR6619SI STD/.25/.5/.75/1.0 ACL:6B1283 ~ CLE:CB-1283AL (6) ~ FMO:6-3830CPA VAN:VPR91943 ~	C6619	6 Pairs		2.3099/ 2.3110 58.671/ 58.699	2.4266/ 2.4274 61.636/ 61.656	0.6700 17.02	0.0577 1.466
CR6806SI STD/.25/.5/.75/1.0 <i>Same as CR6619SI but with housing bore resized .002" larger</i> FMO:6-3830CPAX2	C6806	6 Pairs		2.3099/ 2.3110 58.671/ 58.699	2.4286/ 2.4294 61.686/ 61.707	0.6700 17.02	0.0580 1.473
CS 231BB <i>Balance shaft bearing</i> ACL:2BS1445S CLE:SH-1526S DUR:FG-51 FMO:1807M	S 231	2	1-2	2.0505/ 2.0515 52.083/ 52.108	2.1915/ 2.1925 55.664/ 55.690	0.6590 16.74	0.0698 1.773
CS 426BB							

FORD (U.S.A.)				FORD (U.S.A.)				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
years 82-87 ACL: 4C1197 CLE: SH-1197S DUR: F-45 FMO: 1493M								
CS 432BB years 88-95 ACL: 4C1447 CLE: SH-1447S DUR: F-52 FMO: 1886M								
MB4034SI STD/.25/.5/.75 ACL: 4M7295A CLE: MS-1812P ~ FMO: 7295MA VAN: VPM91944	M4005U M4034L	3 Pairs	1-2-4	2.5190/ 2.5198 63.983/ 64.003	2.7122/ 2.7130 68.890/ 68.910	0.8580 21.79	0.0965 2.451	
	F4034U F4034L	1 Pair	3	2.5190/ 2.5198 63.983/ 64.003	2.7122/ 2.7130 68.890/ 68.910	1.1660 29.62	0.0960 2.438	
MB4064SI <i>Same as MB4034SI, but with flange oversize 0.25 mm.</i>								
MB4069SI.25 <i>Same as MB4034SI, but with flange oversize 0.5 mm.</i> FMO: 7368M ~								
39	232CI /3.8Liter V6 OHV, 12 Valves, vin R, Gasoline Supercharged	01/1989-12/1995	3801 cc	96.80 X 86.00	6 cyl	Cougar, T-Bird	39	
CR6619SI STD/.25/.5/.75/1.0 ACL: 6B1283 ~ CLE: CB-1283AL (6) ~ FMO: 6-3830CPA VAN: VPR91943 ~	C6619	6 Pairs		2.3099/ 2.3110 58.671/ 58.699	2.4266/ 2.4274 61.636/ 61.656	0.6700 17.02	0.0577 1.466	
CR6806SI STD/.25/.5/.75/1.0 <i>Same as CR6619SI but with housing bore resized .002" larger</i> FMO: 6-3830CPAX2	C6806	6 Pairs		2.3099/ 2.3110 58.671/ 58.699	2.4286/ 2.4294 61.686/ 61.707	0.6700 17.02	0.0580 1.473	
CS 231BB <i>Balance shaft bearing</i> ACL: 2BS1445S CLE: SH-1526S DUR: FG-51 FMO: 1807M	S 231	2	1-2	2.0505/ 2.0515 52.083/ 52.108	2.1915/ 2.1925 55.664/ 55.690	0.6590 16.74	0.0698 1.773	
CS 432BB ACL: 4C1447 CLE: SH-1447S DUR: F-52 FMO: 1886M								
MB4052SI STD/.25/.5/.75/1.0 ACL: 4M1782P CLE: MS-1782P ~ FMO: 7086MA	M4005U M4034L	2 Pairs	1,2	2.5190/ 2.5198 63.983/ 64.003	2.7122/ 2.7130 68.890/ 68.910	0.8580 21.79	0.0965 2.451	
	F4034U F4034L	1 Pair	3	2.5190/ 2.5198 63.983/ 64.003	2.7122/ 2.7130 68.890/ 68.910	1.1660 29.62	0.0960 2.438	
	M4052U M4052L	1 Pair	4	2.5092/ 2.5100 63.734/ 63.754	2.7122/ 2.7130 68.890/ 68.910	0.8580 21.79	0.1005 2.553	
40	245CI /4.0Liter V6 OHV, 12 Valves, vin X, Gasoline	01/1990-12/2000	4014 cc	100.30 X 84.30	6 cyl	Aerostar, Ranger	40	
CR 642SI ACL: 6B723 CLE: CB- 723AL (6) FMO: 6-3055CP GLA: B6405SA GLY: 71-2185/6 K.S: 87 280 600 OEM: ZZL2-11-SEO VAN: VPR91201	C 642	6 Pairs		2.1252/ 2.1260 53.980/ 54.000	2.2370/ 2.2378 56.820/ 56.840	0.6490 16.48	0.0552 1.402	
CS4403BB <i>Cam brg. set w/ special wide #4 brg.</i> ACL: 4C1441AS DUR: F-50A FMO: 1844M								
CS4409BB ACL: 4C1441S DUR: F-50 FMO: 1844M								
MB4023SI STD/010/020/030/040 ACL: 4M2006 CLE: MS-2006P FMO: 7245M GLA: M4269SA OEM: ZZLO-11-SGO VAN: VPM92319	M4023U M4023L	3 Pairs	1-2-4	2.2433/ 2.2441 56.980/ 57.000	2.3866/ 2.3874 60.620/ 60.640	0.8500 21.59	0.0710 1.803	
	F4023U F4023L	1 Pair	3	2.2433/ 2.2441 56.980/ 57.000	2.3866/ 2.3874 60.620/ 60.640	1.0350 26.29	0.0710 1.803	
41	245CI /4.0Liter V6 SOHC, 12 Valves, vin E,N, Gasoline	01/1997-12/2010	4014 cc	100.40 X 84.00	6 cyl	Explorer, Mountaineer, Mustang, Ranger	41	

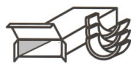




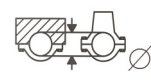


FORD (U.S.A.)				FORD (U.S.A.)			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
245CI /4.0Liter V6 SOHC, 12 Valves, vin K, Flex	01/2002-12/2010	4014 cc	100.40 X 84.00	6 cyl	Explorer		
CR 642SI ACL:6B723 FMO:6-3055CP GLY:71-2185/6 OEM:ZZL2-11-SEO CLE:CB- 723AL(6) GLA:B6405SA K.S:87 280 600 VAN:VPR91201	C 642	6 Pairs		2.1252/ 2.1260 53.980/ 54.000	2.2370/ 2.2378 56.820/ 56.840	0.6490 16.48	0.0552 1.402
CS 232BB Aux. shaft set CLE:SH-1977S DUR:FG-53							
MB4023SI STD/010/020/030/040 ACL:4M2006 FMO:7245M OEM:ZZLO-11-SGO CLE:MS-2006P GLA:M4269SA VAN:VPM92319	M4023U M4023L	3 Pairs	1-2-4	2.2433/ 2.2441 56.980/ 57.000	2.3866/ 2.3874 60.620/ 60.640	0.8500 21.59	0.0710 1.803
	F4023U F4023L	1 Pair	3	2.2433/ 2.2441 56.980/ 57.000	2.3866/ 2.3874 60.620/ 60.640	1.0350 26.29	0.0710 1.803
42 250CI /4.1Liter L6 OHV, 12 Valves, vin C,L, Gasoline	01/1969-12/1980	4096 cc	3.68 X 3.91	6 cyl	Comet, Fairlane, Falcon, Gran Torino, Granada, Maverick, Monarch, Montego, Mustang, Rancho, Torino		42
CR 618AM STD/001/010/020/030/040/060 ACL:6B583 FMO:6-2380CP VAN:VPR871 CLE:CB- 583AL(6) GLA:B6301SA	C 618	6 Pairs		2.1232/ 2.1240 53.929/ 53.950	2.2390/ 2.2398 56.871/ 56.891	0.8100 20.57	0.0574 1.458
CS 418BB STD ACL:4C703 DUR:F-32 VAN:VPC995 CLE:SH- 703S FMO:1439M							
MB 760SI STD/001/010/020/030/040/060 with flange STD length 30.35 mm. ACL:7M979 ~ FMO:4916M ~ VAN:VPM91274 ~ CLE:MS-979P ~ GLA:M7369SA ~	M 760U M 760L	6 Pairs	1-2-3-4-6-7	2.3982/ 2.3990 60.914/ 60.935	2.5902/ 2.5910 65.791/ 65.811	0.9500 24.13	0.0955 2.426
	F 760U F 760L	1 Pair	5	2.3982/ 2.3990 60.914/ 60.935	2.5902/ 2.5910 65.791/ 65.811	1.1950 30.35	0.0955 2.426
MB7725AM Same as MB 760SI, but with flange oversize .010". Flange length: 30.60 mm. ACL:7M2193P							
MB7726AM Same as MB 760SI, but with flange oversize .020". Flange length: 30.85 mm. FMO:7153M10							
MB7727AM Same as MB 760SI, but with flange oversize .030". Flange length: 31.10 mm.							
43 232CI /3.8Liter V6 OHV, 12 Valves, vin 4, Gasoline	01/1996-12/2004	3801 cc	96.80 X 86.00	6 cyl	Cougar, Mustang, T-Bird, Windstar		43
238CI /3.9Liter V6 OHV, 12 Valves, vin 6, Gasoline	01/2004-12/2007	3900 cc	96.80 X 88.00	6 cyl	Freestar, Mustang		
256CI /4.2Liter V6 TRITON, OHV, 12 Valves, vin 2, Gasoline	01/1997-12/2008	4195 cc	96.80 X 95.00	6 cyl	E150, E250, F150, Freestar, Monterey		
CR6712SI STD/.25/.5/.75/1.0 ACL:6B4500A FMO:6-4500AA CLE:CB-1667P(6) ~	C6712	6 Pairs		2.3103/ 2.3111 58.682/ 58.702	2.4264/ 2.4271 61.631/ 61.648	0.7840 19.91	0.0575 1.461
CR6807SI STD/.25/.5/.75/1.0 Same as CR6712SI but with housing bore resized .002" larger ACL:6B4500PO/S2 FMO:6-4500AAX2	C6807	6 Pairs		2.3103/ 2.3111 58.682/ 58.702	2.4284/ 2.4291 61.681/ 61.699	0.7840 19.91	0.0580 1.473
CS 231BB Balance shaft bearing ACL:2BS1445S DUR:FG-51 CLE:SH-1526S FMO:1807M	S 231	2	1-2	2.0505/ 2.0515 52.083/ 52.108	2.1915/ 2.1925 55.664/ 55.690	0.6590 16.74	0.0698 1.773
CS 432BB ACL:4C1447 CLE:SH-1447S							






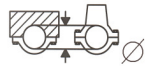


FORD (U.S.A.)					FORD (U.S.A.)				
									
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
DUR: F-52 FMO: 1886M									
MB4034SI STD/.25/.5/.75 ACL: 4M7295A CLE: MS-1812P ~ FMO: 7295MA VAN: VPM91944	M4005U M4034L	3 Pairs	1-2-4	2.5190/ 2.5198 63.983/ 64.003	2.7122/ 2.7130 68.890/ 68.910	0.8580 21.79	0.0965 2.451		
	F4034U F4034L	1 Pair	3	2.5190/ 2.5198 63.983/ 64.003	2.7122/ 2.7130 68.890/ 68.910	1.1660 29.62	0.0960 2.438		
MB4064SI Same as MB4034SI but with flange oversize 0.25mm	M4005U M4034L	3 Pairs	1-2-4	2.5190/ 2.5198 63.983/ 64.003	2.7122/ 2.7130 68.890/ 68.910	0.8580 21.79	0.0965 2.451		
	F4064U F4064L	1 Pair	3	2.5190/ 2.5198 63.983/ 64.003	2.7122/ 2.7130 68.890/ 68.910	1.1660 29.62	0.0960 2.438		
MB4069SI.25 Same as MB4034SI but with flange oversize 0.5mm FMO: 7368M ~	M4005U M4034L	3 Pairs	1-2-4	2.5190/ 2.5198 63.983/ 64.003	2.7122/ 2.7130 68.890/ 68.910	0.8580 21.79	0.0965 2.451		
	F4069U F4069L	1 Pair	3	2.5190/ 2.5198 63.983/ 64.003	2.7122/ 2.7130 68.890/ 68.910	1.1660 29.62	0.0960 2.438		
44	281CI /4.6Liter V8 ROMEO W/ CAST IRON BLOCK, SOHC, 16 Valves, vin W,X, Gasoline	01/1993- 12/2010	4604 cc	3.55 X 3.54	8 cyl	Cougar, Crown Victoria, Expedition, Explorer, Grand Marquis, Mustang, T-Bird, Towncar	44		
	281CI /4.6Liter V8 W/ CAST IRON BLOCK, SOHC, 16 Valves, vin V, Gasoline	01/2006- 12/2010	4604 cc	3.55 X 3.54	8 cyl	Crown Victoria, Grand Marquis, Town Car			
	281CI /4.6Liter V8 ROMEO W/ CAST IRON BLOCK, SOHC, 16 Valves, vin 9, Gasoline	01/1995- 12/2005	4604 cc	3.55 X 3.54	8 cyl	Crown Victoria			
CR 868SI STD/.25/.5 ACL: 8B1442A CLE: CB-1442P (8) ~ FMO: 8-1985A ~	C 868	8 Pairs		2.0860/ 2.0867 52.984/ 53.002	2.2388/ 2.2396 56.866/ 56.886	0.8260 20.98	0.0759 1.928		
CR 881SI.25 Same as CR 868SI but with housing bore resized .002" larger ACL: 8B1442PO/S2 ~ CLE: CB-1634P (8) ~ FMO: 8-1985AX2	C 881	8 Pairs		2.0860/ 2.0867 52.984/ 53.002	2.2408/ 2.2416 56.916/ 56.937	0.8260 20.98	0.0769 1.953		
CS 604BB (1/2 Shell design) DUR: FA-3									
MB5353SI Set includes Thrust Washers ACL: 5M2007P ~ CLE: MS-2007P ~ FMO: 7292M	M5219U M5219L	4 Pairs	1-4	2.6568/ 2.6576 67.483/ 67.503	2.8505/ 2.8512 72.403/ 72.420	0.7200 18.29	0.0962 2.443		
	M5219U F5353	1 Pair	5	2.6568/ 2.6576 67.483/ 67.503	2.8505/ 2.8512 72.403/ 72.420	0.8900 22.61	0.0960 2.438		
	W5281	1 Half	5	2.9685/ 2.9764 75.400/ 75.601	3.5901/ 3.5984 91.189/ 91.399	0.0000 0.00	0.0940 2.388		
MB5434SI STD/.25/.5/.75/1.0 Same as MB5353SI but with .002" (0.05mm) O/S O.D. FMO: 7292MA.25X2	M5434U M5434L	4 Pairs	1-4	2.6568/ 2.6576 67.483/ 67.503	2.8525/ 2.8532 72.454/ 72.471	0.7200 18.29	0.0970 2.464		
	M5434U F5434	1 Pair	5	2.6568/ 2.6576 67.483/ 67.503	2.8525/ 2.8532 72.454/ 72.471	0.8900 22.61	0.0970 2.464		
	W5281	1 Half	5	2.9685/ 2.9764 75.400/ 75.601	3.5901/ 3.5984 91.189/ 91.399	0.0000 0.00	0.0940 2.388		
45	281CI /4.6Liter V8 IN TECH, DOHC, 32 Valves, vin H,V, Gasoline	01/1993- 12/2010	4604 cc	3.55 X 3.54	8 cyl	Aviator, Continental, Mark VIII, Maurauder	45		
	281CI /4.6Liter V8 DOHC, 32 Valves, vin Y, Gasoline Supercharged	01/2003- 12/2004	4604 cc	3.55 X 3.54	8 cyl	Mustang			
	281CI /4.6Liter V8 DOHC, 32 Valves, vin R,V, Gasoline	01/1996- 12/2004	4604 cc	3.55 X 3.54	8 cyl	Mustang			
CR 868SI STD/.25/.5 ACL: 8B1442A CLE: CB-1442P (8) ~ FMO: 8-1985A ~	C 868	8 Pairs		2.0860/ 2.0867 52.984/ 53.002	2.2388/ 2.2396 56.866/ 56.886	0.8260 20.98	0.0759 1.928		

FORD (U.S.A.)					FORD (U.S.A.)			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness	
CR 881SI.25 <i>Same as CR 868SI but with housing bore resized .002" larger</i> ACL: 8B1442PO/S2 ~ CLE:CB-1634P(8) ~ FMO:8-1985AX2	C 881	8 Pairs		2.0860/ 2.0867 52.984/ 53.002	2.2408/ 2.2416 56.916/ 56.937	0.8260 20.98	0.0769 1.953	
CS 605BB <i>Fits 1991-96 (1/2 Shell design)</i>								
CS 606BB <i>Fits 1996-04 (1/2 Shell design)</i>								
MB5281SI <i>Set includes Thrust Washers . FI STD length in all undersizes</i> CLE:MS-2198AL ~ FMO:7289M	M5281U M5281L	4 Pairs	1-4	2.6568/ 2.6576 67.483/ 67.503	2.8505/ 2.8512 72.403/ 72.420	0.7220 18.34	0.0962 2.443	
	M5281U F5281	1 Pair	5	2.6568/ 2.6576 67.483/ 67.503	2.8505/ 2.8512 72.403/ 72.420	0.8870 22.53	0.0962 2.443	
	W5281	1 Half	5	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.0000 0.000	
46	281CI /4.6Liter V8 TRITON ROMEO W/ ALUMINUM BLOCK, SOHC, 16 Valves, vin W,X, Gasoline	01/1993- 12/2010	4604 cc	3.55 X 3.54	8 cyl	E-Series, Expedition, Explorer, F-Series, Mountaineer	46	
CR 868SI STD/.25/.5	C 868	8 Pairs		2.0860/ 2.0867 52.984/ 53.002	2.2388/ 2.2396 56.866/ 56.886	0.8260 20.98	0.0759 1.928	
CR 881SI.25 <i>Same as CR 868SI but with housing bore resized .002" larger</i> ACL: 8B1442PO/S2 ~ CLE:CB-1634P(8) ~ FMO:8-1985AX2	C 881	8 Pairs		2.0860/ 2.0867 52.984/ 53.002	2.2408/ 2.2416 56.916/ 56.937	0.8260 20.98	0.0769 1.953	
CS 604BB <i>1/2 shell design</i> DUR:FA-3								
MB5281SI <i>Set includes Thrust Washers . FI STD length in all undersizes</i> CLE:MS-2198AL ~ FMO:7289M	M5281U M5281L	4 Pairs	1-4	2.6568/ 2.6576 67.483/ 67.503	2.8505/ 2.8512 72.403/ 72.420	0.7220 18.34	0.0962 2.443	
	M5281U F5281	1 Pair	5	2.6568/ 2.6576 67.483/ 67.503	2.8505/ 2.8512 72.403/ 72.420	0.8870 22.53	0.0962 2.443	
	W5281	1 Half	5	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.0000 0.000	
47	281CI /4.6Liter V8 ROMEO, W/ CAST IRON BLOCK, SOHC, 16 Valves, vin W,X, Gasoline	01/1991- 12/1992	4604 cc	3.55 X 3.54	8 cyl	Crown Victoria, Grand Marquis, Town Car	47	
CR 868SI STD/.25/.5	C 868	8 Pairs		2.0860/ 2.0867 52.984/ 53.002	2.2388/ 2.2396 56.866/ 56.886	0.8260 20.98	0.0759 1.928	
CR 881SI.25 <i>Same as CR 868SI but with housing bore resized .002" larger</i> ACL: 8B1442PO/S2 ~ CLE:CB-1634P(8) ~ FMO:8-1985AX2	C 881	8 Pairs		2.0860/ 2.0867 52.984/ 53.002	2.2408/ 2.2416 56.916/ 56.937	0.8260 20.98	0.0769 1.953	
CS 604BB <i>1/2 shell design</i> DUR:FA-3								
MB5219AM STD/.25/.5/.75/1.0 <i>SUPERSEDED BY MB5219SI</i> <i>FL STD length 22.61mm in all undersizes.</i>	F5219U F5219L	1 Pair	5	2.6568/ 2.6576 67.483/ 67.503	2.8505/ 2.8512 72.403/ 72.420	0.8900 22.61	0.0962 2.443	
	M5219U M5219L	4 Pairs	1-2-3-4	2.6568/ 2.6576 67.483/ 67.503	2.8505/ 2.8512 72.403/ 72.420	0.7220 18.34	0.0962 2.443	
MB5255AM.25/.5/.75 <i>Same as MB5219AM but with flange oversize 0.25mm. Flange length: 22.86mm</i>	M5219U M5219L	4 Pairs	1-2-3-4	2.6568/ 2.6576 67.483/ 67.503	2.8505/ 2.8512 72.403/ 72.420	0.7220 18.34	0.0962 2.443	
	F5255U F5255L	1 Pair	5	2.6568/ 2.6576 67.483/ 67.503	2.8505/ 2.8512 72.403/ 72.420	0.7320 18.59	0.0962 2.443	

FORD (U.S.A.)					FORD (U.S.A.)				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
48	281CI / 4.6Liter V8 WINDSOR, SOHC, 16 Valves, vin 6,W,X, Gasoline	01/1993-12/2010	4604 cc	3.55 X 3.54	8 cyl	Cougar, Crown Victoria, Expedition, Explorer, Grand Marquis, Mustang, T-Bird, Town car	48		
	281CI / 4.6Liter V8 TRITON, WINDSOR, SOHC, 16 Valves, vin 6,W,X, Gasoline	01/1997-12/2010	4604 cc	3.55 X 3.54	8 cyl	E150, E250, Expedition, Explorer, F150, F250, Mountaineer			
	281CI / 4.6Liter V8 TRITON, WINDSOR, SOHC, 16 Valves, vin 6, LPG	01/1997-12/1998	4604 cc	3.55 X 3.54	8 cyl	E150, E250			
CR 868SI STD/.25/.5 ACL: 8B1442A CLE: CB-1442P (8) ~ FMO: 8-1985A ~	C 868	8 Pairs		2.0860/ 2.0867 52.984/ 53.002	2.2388/ 2.2396 56.866/ 56.886	0.8260 20.98	0.0759 1.928		
CR 881SI .25 <i>Same as CR 868SI but with housing bore resized .002" larger</i> ACL: 8B1442PO/S2 ~ CLE: CB-1634P (8) ~ FMO: 8-1985AX2	C 881	8 Pairs		2.0860/ 2.0867 52.984/ 53.002	2.2408/ 2.2416 56.916/ 56.937	0.8260 20.98	0.0769 1.953		
CS 604BB <i>1/2 shell design</i> DUR: FA-3									
MB5280SI <i>Set includes Thrust Washers</i> ACL: 5M7296A CLE: MS-2202P ~ FMO: 7296M	M5280/1 M5219L	1 Pair	1	2.6568/ 2.6576 67.483/ 67.503	2.8505/ 2.8512 72.403/ 72.420	0.7480 19.00	0.0962 2.443		
	M5280/2 M5219L	4 Pairs	2-5	2.6568/ 2.6576 67.483/ 67.503	2.8505/ 2.8512 72.403/ 72.420	0.7795 19.80	0.0962 2.443		
	W5280D	1 Pair	5	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.1151 2.924		
	W5280E	1 Half	5	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.1151 2.924		
49	281CI / 4.6Liter V8 SOHC, 24 Valves, vin 8,H, Gasoline	01/2005-12/2010	4604 cc	3.55 X 3.54	8 cyl	Explorer, Mountaineer, Mustang	49		
	281CI / 4.6Liter V8 TRITON, SOHC, 24 Valves, vin 8, Gasoline	01/2009-12/2010	4604 cc	3.55 X 3.54	8 cyl	F150, F250			
CR 868SI STD/.25/.5 ACL: 8B1442A CLE: CB-1442P (8) ~ FMO: 8-1985A ~	C 868	8 Pairs		2.0860/ 2.0867 52.984/ 53.002	2.2388/ 2.2396 56.866/ 56.886	0.8260 20.98	0.0759 1.928		
CR 881SI .25 <i>Same as CR 868SI but with housing bore resized .002" larger</i> ACL: 8B1442PO/S2 ~ CLE: CB-1634P (8) ~ FMO: 8-1985AX2	C 881	8 Pairs		2.0860/ 2.0867 52.984/ 53.002	2.2408/ 2.2416 56.916/ 56.937	0.8260 20.98	0.0769 1.953		
MB5281SI <i>Set includes Thrust Washers . FI STD length in all undersizes</i> CLE: MS-2198AL ~ FMO: 7289M	M5281U M5281L	4 Pairs	1-4	2.6568/ 2.6576 67.483/ 67.503	2.8505/ 2.8512 72.403/ 72.420	0.7220 18.34	0.0962 2.443		
	M5281U F5281	1 Pair	5	2.6568/ 2.6576 67.483/ 67.503	2.8505/ 2.8512 72.403/ 72.420	0.8870 22.53	0.0962 2.443		
	W5281	1 Half	5	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.0000 0.000		
50	239CI / 3.9Liter V8 OHV, 16 Valves, vin U, Gasoline	01/1954-12/1955	3917 cc	3.50 X 3.10	8 cyl	B500, B600, Crestline, F100, F250, F350, F500, F600, Mainline	50		
	256CI / 4.2Liter V8 OHV, 16 Valves, vin P, Gasoline	01/1954-12/1954	4196 cc	3.63 X 3.10	8 cyl	B600, B700, Crestline, Custom, F600, F700, Mainline, Monterey			
	272CI / 4.5Liter V8 OHV, 16 Valves, vin B,M,U, Gasoline	01/1955-12/1958	4458 cc	3.63 X 3.30	8 cyl	B500, B600, B700, C500, C600, C700, Country Sedan, Country Squire, Custom, Customline, F100, F250, F350, F500, F600,			

FORD (U.S.A.)					FORD (U.S.A.)			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
292CI / 4.8Liter V8 OHV, 16 Valves, vin C,D,M,P,W, Gasoline	01/1955-12/1964	4786 cc	3.75 X 3.30	8 cyl	F700, F750, Fairlane, Mainline, P350, P400, P500, Ranch Wagon, T700	B600, B700, C550, C600, C700, Colony Park, Country Sedan, Country Squire, Custom, F100, F250, F350, F500, F600, F700, Fairlane, Galaxie, Mainline, Meteor, Montclair, Monterey, N500, N600, N700, P350, P400, P500, Ranch Wagon, Ranger, T-Bird, T700, Villager		
CR 810AM STD/010/020/030/040 CLE:CB- 461AL(8) FMO:8-2000CPA GLA:B8019SA VAN:VPR311	C 810U C 810L	8 Pairs		2.1880/ 2.1888 55.575/ 55.596	2.3120/ 2.3128 58.725/ 58.745	0.7460 18.95	0.0615 1.562	
CS 539BB ACL:5C559S CLE:SH- 559S DUR:F-9A FMO:1160M								
MB 583AM STD/010/020/030/040 CLE:MS- 178AL FMO:884M GLA:M5070SA VAN:VPM312	M 583 F 583	4 Pairs 1 Pair	1-2-4-5 3	2.4980/ 2.4988 63.449/ 63.470 2.4980/ 2.4988 63.449/ 63.470	2.6912/ 2.6920 68.356/ 68.377 2.6912/ 2.6920 68.356/ 68.377	0.9120 23.16 1.1200 28.45	0.0961 2.441 0.0961 2.441	
51 240CI / 3.9Liter L6 OHV, 12 Valves, vin 1,A,B,E,J,V, Gasoline	01/1965-12/1974	3933 cc	4.00 X 3.19	6 cyl	B500, Country Squire, Custom, E100, E200, F100, F250, F350, F500, Galaxie, N500, N600, P100, P350, P400, P500		51	
300CI / 4.9Liter L6 OHV, 12 Valves, vin 9,B,E,K,Y,Z, Gasoline	01/1965-12/1996	4916 cc	4.00 X 3.98	6 cyl	B500, B600, Bronco, C500, C600, E100, E150, E250, E350, F100, F150, F250, F350, F500, F600, LN500, LN600, N500, N600, P100, P350, P400, P500, P600			
CR 640SI STD/001/010/020/030/040/060 ACL:6B699 ~ CLE:CB- 699AL(6) ~ FMO:6-3150CPA ~ GLA:B6455SA ~ VAN:VPR91273 ~	C 640U C 640L	6 Pairs		2.1228/ 2.1236 53.919/ 53.939	2.2750/ 2.2758 57.785/ 57.805	0.8000 20.32	0.0756 1.920	
CR6804SI STD/010/020/030/040 <i>Same as CR 640SI but with housing bore resized .002" larger</i> CLE:CB-1799P(6)	C6804U C6804L	6 Pairs		2.1228/ 2.1236 53.919/ 53.939	2.2770/ 2.2778 57.836/ 57.856	0.8000 20.32	0.0760 1.930	
CS 419BB <i>From 65-5/85</i> ACL:4C567 CLE:SH- 567S DUR:F-23A FMO:1450M VAN:VPC998	S 419	4	1-2-3-4	2.0170/ 2.0180 51.232/ 51.257	2.1440/ 2.1450 54.458/ 54.483	0.8650 21.97	0.0624 1.585	
CS 427BB <i>Under Development</i> <i>From 585-96</i> ACL:4C1254 CLE:SH-1254S DUR:F-49 FMO:1781M	S 427/1 S 427/2	2 2	1,4 2-3	2.0170/ 2.0180 51.232/ 51.257 2.0170/ 2.0180 51.232/ 51.257	2.1580/ 2.1600 54.813/ 54.864 2.1440/ 2.1450 54.458/ 54.483	0.8650 21.97 0.8650 21.97	0.0695 1.765 0.0624 1.585	
CS4402BB <i>From 585-96. (Special oil control set w/ O.D. groove).</i> ACL:4C1254BS DUR:F-49B	S4402/1 S4402/2	4	1-2-3-4	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 2.1590 0.000/ 54.839	0.8600 21.84	0.0690 1.753	
CS4410BB STD <i>Under Development</i> <i>For 1965/5/85 eng. only.</i> <i>(Special oil control set w/ O.D. groove).</i> DUR:F-23B	S4410	4	1-2-3-4	0.0000/ 0.0000 0.000/ 0.000	2.1440/ 2.1450 54.458/ 54.483	0.8600 21.84	0.0620 1.575	
MB 760SI STD/001/010/020/030/040/060 <i>with flange STD length 30.35 mm.</i> ACL:7M979 ~ CLE:MS-979P ~	M 760U M 760L	6 Pairs	1-2-3-4- 6-7	2.3982/ 2.3990 60.914/ 60.935	2.5902/ 2.5910 65.791/ 65.811	0.9500 24.13	0.0955 2.426	

FORD (U.S.A.)				FORD (U.S.A.)				
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
FMO: 4916M ~ VAN: VPM91274 ~	GLA: M7369SA ~ F 760U F 760L	1 Pair	5	2.3982/ 2.3990 60.914/ 60.935	2.5902/ 2.5910 65.791/ 65.811	1.1950 30.35	0.0955 2.426	
MB7725AM Same as MB 760SI, but with flange oversize .010". Flange length: 30.60 mm. ACL: 7M2193P								
MB7726AM Same as MB 760SI, but with flange oversize .020". Flange length: 30.85 mm. FMO: 7153M10								
MB7727AM Same as MB 760SI, but with flange oversize .030". Flange length: 31.10 mm.								
52	221CI /3.6Liter V8 OHV, 16 Valves, vin L, Gasoline	01/1962-12/1963	3622 cc	3.50 X 2.88	8 cyl	Fairlane, Meteor	52	
	255CI /4.2Liter V8 OHV, 16 Valves, vin D, Gasoline	01/1980-12/1982	4178 cc	3.68 X 3.00	8 cyl	Capri, Cougar, F100, Fairmont, Granada, LTD, Marquis, Monarch, Mustang, T-Bird, Zephyr		
	260CI /4.3Liter V8 OHV, 16 Valves, vin F, Gasoline	01/1962-12/1965	4261 cc	3.80 X 2.87	8 cyl	Calienta, Comet, Fairlane, Falcon, Meteor, Mustang		
	289CI /4.7Liter V8 w/ A4 TRANS., OHV, 16 Valves, vin A,C,D, Gasoline	01/1965-12/1968	4727 cc	4.00 X 2.87	8 cyl	Bronco, Calienta, Capri, Comet, Cougar, Country Sedan, Country Squire, Custom, Cyclone, Fairlane, Falcon, Galaxie, LTD, Mustang, Ranchero, Torino, Villager, Voyager		
	302CI /5.0Liter V8 OHV, 16 Valves, vin B,C,D,E,F,G,J,M,N,P,T,Y, Gasoline	01/1968-12/2001	4948 cc	4.00 X 3.00	8 cyl	Bronco, Capri, Comet, Continental, Cougar, Crown Victoria, Custom, Cyclone, E100, E150, E200, E250, E300, Explorer, F100, F150, F250, Fairlane, Falcon, Galaxie, Gran Torino, Granada, Grand Marquis, LTD, Mark VII, Mark VI, Marquis, Maverick, Monarch, Montego, Mountaineer, Mustang, Ranchero, T-Bird, Torino, Towncar, Versailles, Zephyr		
	302CI /5.0Liter V8 OHV, 16 Valves, vin E,D, Gasoline	01/1982-12/1995	4948 cc	4.00 X 3.00	8 cyl	Capri, Cougar, LTD, Mark VII, Mustang, T-Bird, Town Car		
CR 804SI STD/001/010/020/030/040/STDX ACL: 8B634 ~ FMO: 8-2600A VAN: VPR91092 ~	CLE: CB- 634P (8) ~ GLA: B8088SA ~	C 804	8 Pairs	2.1228/ 2.1236 53.919/ 53.939	2.2390/ 2.2398 56.871/ 56.891	0.7260 18.44	0.0574 1.458	
CR 871SI STD/010/020/030 Same as CR 804SI but with housing bore resized .002" larger ACL: 8B634AO/S2 FMO: 8-2600AX2	CLE: CB-1778A (8)	C 871	8 Pairs	2.1228/ 2.1236 53.919/ 53.939	2.2410/ 2.2418 56.921/ 56.942	0.7260 18.44	0.0586 1.488	
CS 514BB ACL: 5C510 DUR: F-18 VAN: VPC997	CLE: SH- 510S FMO: 1204M	S 514/1	1	1	2.0805/ 2.0815 52.845/ 52.870	2.2030/ 2.2050 55.956/ 56.007	0.6600 16.76	0.0602 1.529
		S 514/2	1	2	2.0655/ 2.0665 52.464/ 52.489	2.1880/ 2.1900 55.575/ 55.626	0.6600 16.76	0.0602 1.529
		S 514/3	1	3	2.0505/ 2.0515 52.083/ 52.108	2.1730/ 2.1750 55.194/ 55.245	0.6600 16.76	0.0602 1.529
					2.0355/ 2.0365	2.1580/ 2.1600	0.6600	0.0602

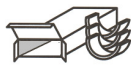




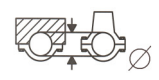


FORD (U.S.A.)				FORD (U.S.A.)			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
	S 514/4	1	4	51.702/ 51.727	54.813/ 54.864	16.76	1.529
	S 514/5	1	5	2.0205/ 2.0215 51.321/ 51.346	2.1430/ 2.1450 54.432/ 54.483	0.6600 16.76	0.0602 1.529
MB 529SI STD/001/010/020/030/040/STDX ACL:5M590A CLE:MS- 590P ~ FMO:4125M ~ GLA:M5251SA ~	M 529U M 529L	4 Pairs	1-2-4-5	2.2482/ 2.2490 57.104/ 57.125	2.4412/ 2.4420 62.006/ 62.027	0.8900 22.61	0.0962 2.443
	F 529U F 529L	1 Pair	3	2.2482/ 2.2490 57.104/ 57.125	2.4412/ 2.4420 62.006/ 62.027	1.1330 28.78	0.0962 2.443
MB5196AM 010/020/030 <i>SUPERSEDED BY MB5196SI</i> Same as MB 529SI but with flange oversize .020. flange length: 29.28 mm. CLE:MS-1666 FMO:7151M10							
MB5197AM Same as MB 529SI but with flange oversize .030 flange length: 29.53 mm.							
MB5236AM Same as MB 529SI but with flange oversize .010 flange length: 29.03 mm. CLE:MS1746P							
53	302CI /5.0Liter V8 99FR, DOHC, 32 Valves, vin F, Gasoline	01/2011- 12/2011	4951 cc	3.63 X 3.65	8 cyl	Mustang	53
CR 868SI STD/.25/.5 ACL:8B1442A CLE:CB-1442P(8) ~ FMO:8-1985A ~	C 868	8 Pairs		2.0860/ 2.0867 52.984/ 53.002	2.2388/ 2.2396 56.866/ 56.886	0.8260 20.98	0.0759 1.928
CR 881SI .25 Same as CR 868SI but with housing bore resized .002" larger ACL: 8B1442PO/S2 ~ CLE:CB-1634P(8) ~ FMO:8-1985AX2	C 881	8 Pairs		2.0860/ 2.0867 52.984/ 53.002	2.2408/ 2.2416 56.916/ 56.937	0.8260 20.98	0.0769 1.953
54	312CI /5.1Liter V8 OHV, 16 Valves, vin D,E,F,L,P, Gasoline	01/1956- 12/1960	5114 cc	3.80 X 3.44	8 cyl	Country Sedan, Country Squire, Custom, Fairlane, Mainline, Medalist, Montclair, Monterey, Ranch Wagon, T-Bird	54
CR 810AM STD/010/020/030/040 CLE:CB- 461AL(8) FMO:8-2000CPA GLA:B8019SA VAN:VPR311	C 810U C 810L	8 Pairs		2.1880/ 2.1888 55.575/ 55.596	2.3120/ 2.3128 58.725/ 58.745	0.7460 18.95	0.0615 1.562
CS 539BB ACL:5C559S CLE:SH- 559S DUR:F-9A FMO:1160M							
55	330 (5.4L) Dagenham Diesel	1960-66	5405 cc	100.00 X 115.00	6 cyl	600 Series (2 Ton), 700 Series (2-1/2 Ton), Ford Truck	55
CR 654AM STD/010/020/030/040/050/060/070/080 CLE:CB- 489AL(6) FMO:6-2245RAA GLA:B6289SA GLY:01-4312 VAN:VPR744	C 451	6 Pairs		2.4997/ 2.5005 63.492/ 63.513	2.6460/ 2.6465 67.208/ 67.221	1.3400 34.04	0.0724 1.839
MB 704AM STD/010/020/030/040 CLE:MS- 756AL FMO:4220M GLA:M7128SA GLY:H1116/7 VAN:VPM745	M 501/1 M 501/2	5 Pairs 2 Pairs	1-2-3-5- 6 4-7	3.0002/ 3.0010 76.205/ 76.225 3.0002/ 3.0010 76.205/ 76.225	3.1665/ 3.1670 80.429/ 80.442 3.1665/ 3.0000 80.429/ 76.200	1.0500 26.67 1.4250 36.20	0.0823 2.090 0.0823 2.090
TW 232AM CLE:TW- 120S FMO:2248AF GLA:W2082SA GLY:A176/4 OEM:81708116 VAN:VPW20	W 232D W 232E	2 Pairs		3.3150/ 3.3250 84.201/ 84.455	3.8880/ 3.8980 98.755/ 99.009	0.0000 0.00	0.0920 2.337
56	330CI /5.4Liter V8 TRITON, WINDSOR, SOHC, 16 Valves, vin M,	01/1997- 12/2005	5407 cc	3.55 X 4.16	8 cyl	E150, E250, E350, F150, F250, F350	56









FORD (U.S.A.)					FORD (U.S.A.)				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
Gasoline	330CI /5.4Liter V8 TRITON, WINDSOR, SOHC, 16 Valves, vin L,Z, Gasoline	01/1997-12/2010	5407 cc	3.55 X 4.16	8 cyl	E150, E250, E350, Excursion, Expedition, F150, F250, F350			
	330CI /5.4Liter V8 TRITON, WINDSOR, SOHC, 16 Valves, vin 3, Gasoline Supercharged	01/1999-12/2004	5407 cc	3.55 X 4.16	8 cyl	F250, F350			
	330CI /5.4Liter V8 TRITON, WINDSOR, SOHC, 24 Valves, vin 5,V, Gasoline	01/2004-12/2010	5407 cc	3.55 X 4.16	8 cyl	Expedition, F250, F350, Mark LT, Navigator			
	330CI /5.4Liter V8 IN TECH, DOHC, 32 Valves, vin A,R, Gasoline	01/1999-12/2004	5408 cc	3.55 X 4.17	8 cyl	Blackwood, Navigator			
CR 868SI STD/.25/.5 ACL: 8B1442A CLE:CB-1442P(8) ~ FMO: 8-1985A ~	C 868	8 Pairs		2.0860/ 2.0867 52.984/ 53.002	2.2388/ 2.2396 56.866/ 56.886	0.8260 20.98	0.0759 1.928		
CR 881SI .25 Same as CR 868SI but with housing bore resized .002" larger ACL: 8B1442PO/S2 ~ CLE:CB-1634P(8) ~ FMO: 8-1985AX2	C 881	8 Pairs		2.0860/ 2.0867 52.984/ 53.002	2.2408/ 2.2416 56.916/ 56.937	0.8260 20.98	0.0769 1.953		
MB5280SI Set includes Thrust Washers ACL: 5M7296A CLE:MS-2202P ~ FMO: 7296M	M5280/1 M5219L	1 Pair	1	2.6568/ 2.6576 67.483/ 67.503	2.8505/ 2.8512 72.403/ 72.420	0.7480 19.00	0.0962 2.443		
	M5280/2 M5219L	4 Pairs	2-5	2.6568/ 2.6576 67.483/ 67.503	2.8505/ 2.8512 72.403/ 72.420	0.7795 19.80	0.0962 2.443		
	W5280D	1 Pair	5	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.1151 2.924		
	W5280E	1 Half	5	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.1151 2.924		
57	330CI /5.4Liter V8 DOHC, 32 Valves, vin S, Gasoline Supercharged	01/2005-12/2009	5409 cc	3.55 X 4.16	8 cyl	Mustang GT			57
CR 868SI STD/.25/.5 ACL: 8B1442A CLE:CB-1442P(8) ~ FMO: 8-1985A ~	C 868	8 Pairs		2.0860/ 2.0867 52.984/ 53.002	2.2388/ 2.2396 56.866/ 56.886	0.8260 20.98	0.0759 1.928		
CR 881SI .25 Same as CR 868SI but with housing bore resized .002" larger ACL: 8B1442PO/S2 ~ CLE:CB-1634P(8) ~ FMO: 8-1985AX2	C 881	8 Pairs		2.0860/ 2.0867 52.984/ 53.002	2.2408/ 2.2416 56.916/ 56.937	0.8260 20.98	0.0769 1.953		
58	351CI /5.8Liter V8 CLEVELAND, OHV, 16 Valves, vin H,M,Q, Gasoline	01/1970-12/1974	5752 cc	4.00 X 3.50	8 cyl	Cougar, Custom, Cyclone, Fairlane, Falcon, Galaxie, Gran Torino, LTD, Montego, Monterey, Mustang, Rancho, Torino			58
	351CI /5.8Liter V8 CLEVELAND, C,J, OHV, 16 Valves, vin Q, Gasoline	01/1971-12/1972	5752 cc	4.00 X 3.50	8 cyl	Gran Torino, Montego, Torino			
CR 813SI ACL: 8B927P CLE:CB-927P(8) FMO: 8-3400 ~ VAN:VPR91469	C 813	8 Pairs		2.3103/ 2.3111 58.682/ 58.702	2.4361/ 2.4369 61.877/ 61.897	0.7260 18.44	0.0625 1.588		
CS 516BB ACL: 5C710 CLE:SH- 710S DUR:F-26 FMO: 1403M VAN:VPC94003	S 516/1	1	1	2.1238/ 2.1248 53.945/ 53.970	2.2490/ 2.2510 57.125/ 57.175	0.6650 16.89	0.0616 1.565		
	S 516/2	1	2	2.0655/ 2.0665 52.464/ 52.489	2.1880/ 2.1900 55.575/ 55.626	0.6600 16.76	0.0602 1.529		
	S 516/3	1	3	2.0505/ 2.0515 52.083/ 52.108	2.1730/ 2.1750 55.194/ 55.245	0.6600 16.76	0.0602 1.529		
	S 516/4	1	4	2.0355/ 2.0365 51.702/ 51.727	2.1580/ 2.1600 54.813/ 54.864	0.6600 16.76	0.0602 1.529		
				2.0205/ 2.0215	2.1430/ 2.1450	0.6600	0.0602		

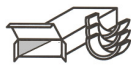




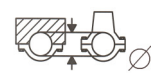


FORD (U.S.A.)					FORD (U.S.A.)			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
	S 516/5	1	5	51.321/ 51.346	54.432/ 54.483	16.76	1.529	
MB5503AM ACL:5M1010 FMO:4925M	M5503U M5503L	4 Pairs	1-2-4-5	2.7484/ 2.7492 69.809/ 69.830	2.9417/ 2.9425 74.719/ 74.740	0.8800 22.35	0.0962 2.443	
	F5503U F5503L	1 Pair	3	2.7484/ 2.7492 69.809/ 69.830	2.9417/ 2.9425 74.719/ 74.740	1.1180 28.40	0.0962 2.443	
59	351CI /5.8Liter V8 WINDSOR, OHV, 16 Valves, vin G,H, Gasoline	01/1977- 12/1998	5752 cc	4.00 X 3.50	8 cyl	Bronco, Continental, Cougar, Crown Victoria, Custom, E100, E150, E250, E350, F100, F150, F250, F350, Grand Marquis, LTD, LTD II, Mark VI, Marquis, Monarch, Rancho, T-Bird, Versailles	59	
CR 814SI ACL:8B831 ~ FMO:8-3380CP ~	C 814	8 Pairs		2.3103/ 2.3111 58.682/ 58.702	2.4265/ 2.4273 61.633/ 61.653	0.7260 18.44	0.0577 1.466	
CR 872SI Same as CR 814SI but with housing bore resized .002" larger ACL:8B831P OD2 FMO:8-3380X2	C 872	8 Pairs		2.3103/ 2.3111 58.682/ 58.702	2.4285/ 2.4293 61.684/ 61.704	0.7200 18.29	0.0587 1.491	
CS 514BB ACL:5C510 DUR:F-18 VAN:VPC997	S 514/1	1	1	2.0805/ 2.0815 52.845/ 52.870	2.2030/ 2.2050 55.956/ 56.007	0.6600 16.76	0.0602 1.529	
	S 514/2	1	2	2.0655/ 2.0665 52.464/ 52.489	2.1880/ 2.1900 55.575/ 55.626	0.6600 16.76	0.0602 1.529	
	S 514/3	1	3	2.0505/ 2.0515 52.083/ 52.108	2.1730/ 2.1750 55.194/ 55.245	0.6600 16.76	0.0602 1.529	
	S 514/4	1	4	2.0355/ 2.0365 51.702/ 51.727	2.1580/ 2.1600 54.813/ 54.864	0.6600 16.76	0.0602 1.529	
	S 514/5	1	5	2.0205/ 2.0215 51.321/ 51.346	2.1430/ 2.1450 54.432/ 54.483	0.6600 16.76	0.0602 1.529	
MB5189SI same as MB5505SI but with flange oversize 010"								
MB5190SI same as MB5505SI but with flange oversize 020"								
MB5191SI same as MB5505SI but with flange oversize 030"								
MB5505SI ACL:5M1432A FMO:5078M ~	M5505U M5505L	4 Pairs	1-2-4-5	2.9994/ 3.0002 76.185/ 76.205	3.1922/ 3.1930 81.082/ 81.102	0.8400 21.34	0.0960 2.438	
	F5504 F5505L	1 Pair	3	2.9994/ 3.0002 76.185/ 76.205	3.1922/ 3.1930 81.082/ 81.102	1.1330 28.78	0.0960 2.438	
60	351CI /5.8Liter V8 WINDSOR, OHV, 16 Valves, vin H,M, Gasoline	01/1969- 12/1976	5752 cc	4.00 X 3.50	8 cyl	Cougar, Custom, Cyclone, E100, E150, E250, E350, Fairlane, Falcon, Galaxie, Gran Torino, LTD, Marquis, Monarch, Montego, Mustang, Rancho, Torino	60	
CR 814SI ACL:8B831 ~ FMO:8-3380CP ~	C 814	8 Pairs		2.3103/ 2.3111 58.682/ 58.702	2.4265/ 2.4273 61.633/ 61.653	0.7260 18.44	0.0577 1.466	
CR 872SI Same as CR 814SI but with housing bore resized .002" larger ACL:8B831P OD2	C 872	8 Pairs		2.3103/ 2.3111 58.682/ 58.702	2.4285/ 2.4293 61.684/ 61.704	0.7200 18.29	0.0587 1.491	









FORD (U.S.A.)					FORD (U.S.A.)			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
FMO: 8-3380X2 CS 514BB ACL: 5C510 CLE: SH- 510S DUR: F-18 FMO: 1204M VAN: VPC997	S 514/1	1	1	2.0805/ 2.0815 52.845/ 52.870	2.2030/ 2.2050 55.956/ 56.007	0.6600 16.76	0.0602 1.529	
	S 514/2	1	2	2.0655/ 2.0665 52.464/ 52.489	2.1880/ 2.1900 55.575/ 55.626	0.6600 16.76	0.0602 1.529	
	S 514/3	1	3	2.0505/ 2.0515 52.083/ 52.108	2.1730/ 2.1750 55.194/ 55.245	0.6600 16.76	0.0602 1.529	
	S 514/4	1	4	2.0355/ 2.0365 51.702/ 51.727	2.1580/ 2.1600 54.813/ 54.864	0.6600 16.76	0.0602 1.529	
	S 514/5	1	5	2.0205/ 2.0215 51.321/ 51.346	2.1430/ 2.1450 54.432/ 54.483	0.6600 16.76	0.0602 1.529	
MB5186AM _{050/060} <i>Same as MB5504SI but with flange oversize 010"</i> ACL: 5M982								
MB5187AM ₀₃₀ <i>Same as MB5504SI but with flange oversize 020"</i> FMO: 7156M10								
MB5188AM _{010/020/030} <i>Same as MB5504SI but with flange oversize 030"</i>								
MB5504SI _{STD/001/010/020/030/040/050} ACL: 5M981A CLE: MS- 981P ~ FMO: 5107M ~ VAN: VPM91472 ~	M5504	4 Pairs	1-2-4-5	2.9994/ 3.0002 76.185/ 76.205	3.1922/ 3.1930 81.082/ 81.102	0.8400 21.34	0.0960 2.438	
	F5504	1 Pair	3	2.9994/ 3.0002 76.185/ 76.205	3.1922/ 3.1930 81.082/ 81.102	1.1330 28.78	0.0960 2.438	
61	332CI /5.4Liter V8 OHV, 16 Valves, vin B,G, Gasoline	01/1958-12/1959	5441 cc	4.00 X 3.30	8 cyl	Corsair, Country Sedan, Country Squire, Custom, Fairlane, Ranch Wagon, Ranger, T-Bird, Villager		61
	352CI /5.8Liter V8 OHV, 16 Valves, vin H,R,X,Y, Gasoline Turbocharge	01/1958-12/1963	5769 cc	4.00 X 3.50	8 cyl	Colony Park, Country Sedan, Country Squire, Custom, Del Rio, Fairlane, Galaxie, Monterey, Ranch Wagon, Ranger, T-Bird, Villager		
	361CI /5.9Liter V8 OHV, 16 Valves, Gasoline	01/1958-12/1959	5917 cc	4.05 X 3.50	8 cyl	Bermuda, Pacer, Ranger, Round Up		
	390CI /6.4Liter V8 OHV, 16 Valves, vin 9,M,P,Q,R,Z, Gasoline	01/1961-12/1963	6390 cc	4.05 X 3.78	8 cyl	Colony Park, Country Sedan, Country Squire, Fairlane, Galaxie, Maurauder, Monterey		
CR 809AM STD/001/010/020/030/040/050/060 ACL: 8B760 CLE: CB- 760AL (8) FMO: 8-3230CP GLA: B8091SA VAN: VPR91271	C 809	8 Pairs		2.4380/ 2.4388 61.925/ 61.946	2.5907/ 2.5915 65.804/ 65.824	0.7340 18.64	0.0758 1.925	
CS 515BB ACL: 5C781 CLE: SH- 781S DUR: F-33 FMO: 1445M VAN: VPC999	S 515/1	1	1	2.1238/ 2.1248 53.945/ 53.970	2.3095/ 2.3105 58.661/ 58.687	0.6250 15.88	0.0913 2.319	
	S 515/2	1	2	2.1238/ 2.1248 53.945/ 53.970	2.2945/ 2.2955 58.280/ 58.306	0.6250 15.88	0.0841 2.136	
	S 515/3	1	3	2.1238/ 2.1248 53.945/ 53.970	2.2795/ 2.2805 57.899/ 57.925	0.6200 15.75	0.0766 1.946	
	S 515/4	1	4	2.1238/ 2.1248 53.945/ 53.970	2.2645/ 2.2655 57.518/ 57.544	0.6200 15.75	0.0691 1.755	
	S 515/5	1	5	2.1238/ 2.1248 53.945/ 53.970	2.2495/ 2.2505 57.137/ 57.163	0.5600 14.22	0.0616 1.565	

FORD (U.S.A.)				FORD (U.S.A.)			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
62	351CI /5.8Liter V8 MODIFIED, OHV, 16 Valves, vin H, Gasoline	01/1975-12/1976	5751 cc	4.00 X 3.50	8 cyl	Cougar, Custom, Gran Torino, Granada, LTD, Marquis, Monarch, Montego, Rancho, Torino	62
	400CI /6.6Liter V8 OHV, 16 Valves, vin S, Gasoline	01/1971-12/1976	6554 cc	4.00 X 4.00	8 cyl	Continental, Cougar, Custom, Galaxie, Gran Torino, Grand Marquis, LTD, Marquis, Montego, Monterey, Rancho, Torino	
CR 813SI ACL:8B927P CLE:CB-927P(8) FMO:8-3400 ~ VAN:VPR91469	C 813	8 Pairs		2.3103/ 2.3111 58.682/ 58.702	2.4361/ 2.4369 61.877/ 61.897	0.7260 18.44	0.0625 1.588
CS 516BB ACL:5C710 CLE:SH- 710S DUR:F-26 FMO:1403M VAN:VPC94003	S 516/1	1	1	2.1238/ 2.1248 53.945/ 53.970	2.2490/ 2.2510 57.125/ 57.175	0.6650 16.89	0.0616 1.565
	S 516/2	1	2	2.0655/ 2.0665 52.464/ 52.489	2.1880/ 2.1900 55.575/ 55.626	0.6600 16.76	0.0602 1.529
	S 516/3	1	3	2.0505/ 2.0515 52.083/ 52.108	2.1730/ 2.1750 55.194/ 55.245	0.6600 16.76	0.0602 1.529
	S 516/4	1	4	2.0355/ 2.0365 51.702/ 51.727	2.1580/ 2.1600 54.813/ 54.864	0.6600 16.76	0.0602 1.529
	S 516/5	1	5	2.0205/ 2.0215 51.321/ 51.346	2.1430/ 2.1450 54.432/ 54.483	0.6600 16.76	0.0602 1.529
MB5186AM _{050/060} <i>Same as MB5504SI but with flange oversize 010"</i> ACL:5M982							
MB5187AM ₀₃₀ <i>Same as MB5504SI but with flange oversize 020"</i> FMO:7156M10							
MB5188AM _{010/020/030} <i>Same as MB5504SI but with flange oversize 030"</i>							
MB5504SI _{STD/001/010/020/030/040/050} ACL:5M981A CLE:MS- 981P ~ FMO:5107M ~ VAN:VPM91472 ~	M5504	4 Pairs	1-2-4-5	2.9994/ 3.0002 76.185/ 76.205	3.1922/ 3.1930 81.082/ 81.102	0.8400 21.34	0.0960 2.438
	F5504	1 Pair	3	2.9994/ 3.0002 76.185/ 76.205	3.1922/ 3.1930 81.082/ 81.102	1.1330 28.78	0.0960 2.438
63	351CI /5.8Liter V8 MODIFIED, OHV, 16 Valves, vin G,H, Gasoline	01/1977-12/1982	5751 cc	4.00 X 3.50	8 cyl	Bronco, Cougar, Custom, E100, E150, E250, E300, F100, F150, F250, F350, Granda, LTD, LTD II, Marquis, Monarch, Rancho, T-Bird	63
	400CI /6.6Liter V8 OHV, 16 Valves, vin S,Z, Gasoline	01/1977-12/1982	6554 cc	4.00 X 4.00	8 cyl	Bronco, Cougar, Custom, E250, E350, F100, F150, F250, F350, Grand Marquis, LTD, LTD II, Mark V, Marquis, Rancho, T-Bird	
CR 813SI ACL:8B927P CLE:CB-927P(8) FMO:8-3400 ~ VAN:VPR91469	C 813	8 Pairs		2.3103/ 2.3111 58.682/ 58.702	2.4361/ 2.4369 61.877/ 61.897	0.7260 18.44	0.0625 1.588
CS 516BB ACL:5C710 CLE:SH- 710S DUR:F-26 FMO:1403M VAN:VPC94003	S 516/1	1	1	2.1238/ 2.1248 53.945/ 53.970	2.2490/ 2.2510 57.125/ 57.175	0.6650 16.89	0.0616 1.565
	S 516/2	1	2	2.0655/ 2.0665 52.464/ 52.489	2.1880/ 2.1900 55.575/ 55.626	0.6600 16.76	0.0602 1.529
	S 516/3	1	3	2.0505/ 2.0515 52.083/ 52.108	2.1730/ 2.1750 55.194/ 55.245	0.6600 16.76	0.0602 1.529
					2.0355/ 2.0365	2.1580/ 2.1600	0.6600

FORD (U.S.A.)				FORD (U.S.A.)				
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
	S 516/4	1	4	51.702/ 51.727	54.813/ 54.864	16.76	1.529	
	S 516/5	1	5	2.0205/ 2.0215 51.321/ 51.346	2.1430/ 2.1450 54.432/ 54.483	0.6600 16.76	0.0602 1.529	
MB5189SI <i>same as MB5505SI but with flange oversize 010"</i>								
MB5190SI <i>same as MB5505SI but with flange oversize 020"</i>								
MB5191SI <i>same as MB5505SI but with flange oversize 030"</i>								
	MB5505SI STD/001/010/020/030/040 ACL: 5M1432A CLE: MS-1432AL ~ FMO: 5078M ~ VAN: VPM91816 ~	M5505U M5505L	4 Pairs	1-2-4-5	2.9994/ 3.0002 76.185/ 76.205	3.1922/ 3.1930 81.082/ 81.102	0.8400 21.34	0.0960 2.438
		F5504 F5505L	1 Pair	3	2.9994/ 3.0002 76.185/ 76.205	3.1922/ 3.1930 81.082/ 81.102	1.1330 28.78	0.0960 2.438
64	415CI /6.8Liter V10 TRITON, SOHC, 20 Valves, vin S, Gasoline	01/1997-12/2006	6800 cc	3.55 X 4.16	10 cyl	E250, E350, E450, Excursion, F250, F350, F450, F550		64
	415CI /6.8Liter V10 TRITON, SOHC, 30 Valves, vin Y, Gasoline	01/2005-12/2009	6800 cc	3.55 X 4.16	10 cyl	F250, F350		
	CR1039SI ACL: 10B1442P CLE: CB-1442P (10) ~ FMO: 10-1985A ~	C 868	10 Pairs		2.0860/ 2.0867 52.984/ 53.002	2.2388/ 2.2396 56.866/ 56.886	0.8260 20.98	0.0759 1.928
	CR1316SI STD/.25/.5/.75 <i>Same as CR1039SI but with housing bore resized .002" larger</i> ACL: 10B1442POS2 FMO: 10-1985Ax2	C 881	10 Pairs		2.0860/ 2.0867 52.984/ 53.002	2.2408/ 2.2416 56.916/ 56.937	0.8260 20.98	0.0769 1.953
	MB 621SI ACL: 6M7296A CLE: MS-2203P ~ FMO: 7297MA	M5280/1 M5219L	1 Pair	1	2.6568/ 2.6576 67.483/ 67.503	2.8505/ 2.8512 72.403/ 72.420	0.7480 19.00	0.0962 2.443
		M5280/2 M5219L	5 Pairs	2-6	2.6568/ 2.6576 67.483/ 67.503	2.8505/ 2.8512 72.403/ 72.420	0.7795 19.80	0.0962 2.443
		W5280D	1 Pair	6	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.1151 2.924
		W5280E	1 Half	6	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.1151 2.924
65	427CI /7.0Liter V8 OHV, 16 Valves, vin R,W, Gasoline	01/1968-12/1968	6997 cc	4.23 X 3.78	8 cyl	Cougar, Custom, Cyclone, Montego, Mustang		65
	CR 809AM STD/001/010/020/030/040/050/060 ACL: 8B760 CLE: CB- 760AL (8) FMO: 8-3230CP GLA: B8091SA VAN: VPR91271	C 809	8 Pairs		2.4380/ 2.4388 61.925/ 61.946	2.5907/ 2.5915 65.804/ 65.824	0.7340 18.64	0.0758 1.925
	MB 559AM STD/001/010/020/030/040/060 <i>With flange STD length 28.40 mm in all undersizes.</i> ACL: 5M863 CLE: MS-863P/MS-685P FMO: 4261M GLA: M5261SA VAN: VPM91272	M 559	4 Pairs	1-2-4-5	2.7484/ 2.7492 69.809/ 69.830	2.9412/ 2.9420 74.706/ 74.727	0.9120 23.16	0.0960 2.438
		F 559	1 Pair	3	2.7484/ 2.7492 69.809/ 69.830	2.9412/ 2.9420 74.706/ 74.727	1.1180 28.40	0.0960 2.438
	MB5204AM <i>same as MB 559AM, but with flange oversize .010". Flange length: 28.65 mm.</i> ACL: 5M2119							
	MB5205AM <i>same as MB 559AM, but with flange oversize .020". Flange length: 28.90 mm.</i> FMO: 7152M							
	MB5206AM <i>same as MB 559AM, but with flange oversize</i>							

FORD (U.S.A.)				FORD (U.S.A.)			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
<i>.030". Flange length: 29.15 mm.</i>							
66	330CI /5.4Liter V8 OHV, 16 Valves, Gasoline	01/1964-12/1978	5407 cc	3.88 X 3.50	8 cyl	B500, B600, B700, C550, C600, C700, F500, F600, F700, LN500, LN600, LN700, LNT800, LT800, LTS800, N600, N700, T700	66
	352CI /5.8Liter V8 OHV, 16 Valves, vin D,X, Gasoline	01/1964-12/1967	5769 cc	4.00 X 3.50	8 cyl	F100, F250, F350, Fairlane	
	359 (5.9L) OHV	1973-78	5900 cc	4.05 X 3.50	8 cyl	B600, B700, B750, C600, C700, C750, C800, F600, F700, F750, L800, LN600, LN700, LN750, LN800, LNT800, LT800, LTS800	
	360CI /5.9Liter V8 OHV, 16 Valves, vin H,Y, Gasoline	01/1968-12/1976	5900 cc	4.05 X 3.50	8 cyl	F100, F150, F250, F350, M400, M450, P450	
	361CI /5.9Liter V8 OHV, 16 Valves, vin W, Gasoline	01/1964-12/1978	5917 cc	4.05 X 3.50	8 cyl	B600, B700, B750, C600, C700, C750, C800, F600, F700, F750, F800, L800, LN600, LN700, LN750, LN800, LNT800, LT800, N1000, N600, N700, T700, T800	
	390CI /6.4Liter V8 OHV, 16 Valves, vin 9,H,P,S,X,Y,Z, Gasoline	01/1964-12/1976	6390 cc	4.05 X 3.78	8 cyl	Calienta, Capri, Colony Park, Comet, Commuter, Country Sedan, Country Squire, Custom, Cyclone, F100, F150, F250, F350, Fairlane, Galaxie, M400, M450, M500, Marauder, Marquis, Montego, Monterey, Mustang, P550, Parklane, Rancho, Villager, Voyager	
	389 (6.4L) OHV	1973-78	6400 cc	4.05 X 3.78	8 cyl	B750, C700, C750, C800, F700, F750, F800, L800, LN700, LN750, LN800, LNT800, LT800, LTS800	
	391 (6.4L) OHV	1964-78	6400 cc	4.05 X 3.78	8 cyl	C800, F750, F800, L800, LN750, LN800, LNT800, LT800, LTS800, N1000, T800	
	410CI /6.7Liter V8 OHV, 16 Valves, vin M, Gasoline	01/1966-12/1967	6720 cc	4.05 X 3.98	8 cyl	Colony Park, Commuter, Marquis, Monterey, Parklane	
	428CI /7.0Liter V8 OHV, 16 Valves, vin P,Q,R, Gasoline	01/1966-12/1970	7013 cc	4.13 X 3.98	8 cyl	Colony Park, Commuter, Cougar, Country Sedan, Cyclone, Fairlane, Galaxie, Marquis, Montego, Mustang, Parklane, Rancho, S55, T-Bird, Torino	
CR 809AM STD/001/010/020/030/040/050/060 ACL:8B760 CLE:CB- 760AL(8) FMO:8-3230CP GLA:B8091SA VAN:VPR91271	C 809	8 Pairs		2.4380/ 2.4388 61.925/ 61.946	2.5907/ 2.5915 65.804/ 65.824	0.7340 18.64	0.0758 1.925
CS 515BB ACL:5C781 CLE:SH- 781S DUR:F-33 FMO:1445M VAN:VPC999	S 515/1	1	1	2.1238/ 2.1248 53.945/ 53.970	2.3095/ 2.3105 58.661/ 58.687	0.6250 15.88	0.0913 2.319
	S 515/2	1	2	2.1238/ 2.1248 53.945/ 53.970	2.2945/ 2.2955 58.280/ 58.306	0.6250 15.88	0.0841 2.136
				2.1238/ 2.1248	2.2795/ 2.2805	0.6200	0.0766

FORD (U.S.A.)				FORD (U.S.A.)			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
	S 515/3	1	3	53.945/ 53.970	57.899/ 57.925	15.75	1.946
	S 515/4	1	4	2.1238/ 2.1248 53.945/ 53.970	2.2645/ 2.2655 57.518/ 57.544	0.6200 15.75	0.0691 1.755
	S 515/5	1	5	2.1238/ 2.1248 53.945/ 53.970	2.2495/ 2.2505 57.137/ 57.163	0.5600 14.22	0.0616 1.565
MB 559AM STD/001/010/020/030/040/060 <i>With flange STD length 28.40 mm in all undersizes.</i>	M 559	4 Pairs	1-2-4-5	2.7484/ 2.7492 69.809/ 69.830	2.9412/ 2.9420 74.706/ 74.727	0.9120 23.16	0.0960 2.438
ACL: 5M863 CLE: MS-863P/MS-685P FMO: 4261M GLA: M5261SA VAN: VPM91272	F 559	1 Pair	3	2.7484/ 2.7492 69.809/ 69.830	2.9412/ 2.9420 74.706/ 74.727	1.1180 28.40	0.0960 2.438
MB5204AM <i>same as MB 559AM, but with flange oversize .010". Flange length: 28.65 mm</i>							
ACL: 5M2119							
MB5205AM <i>same as MB 559AM, but with flange oversize .020". Flange length: 28.90 mm.</i>							
FMO: 7152M							
MB5206AM <i>same as MB 559AM, but with flange oversize .030". Flange length: 29.15 mm.</i>							
67	T444E V8 444CI /7.3Liter, OHV, 16 Valves, Diesel Turbocharge	01/1994-12/2003	7275 cc	4.11 X 4.18	8 cyl	E350, E450, Excursion, F-Super Duty, F250, F350, F450, F550, F59, F650, F750	67
CR 887CP ACL: 8B1633P CLE: CB-1633P (8) FMO: 8-3810CPA	C 887	8 Pairs		2.4980/ 2.4990 63.449/ 63.475	2.6905/ 2.6915 68.339/ 68.364	0.9566 24.30	0.0952 2.418
CS 532BB ACL: SC1092 CLE: SH-1092S DUR: IN-17 FMO: 1467M							
MB5263CP ACL: 5M2034P CLE: MS-2034P FMO: 7325M	M5263U M5263L	4 Pairs	1-2-4-5	3.1228/ 3.1236 79.319/ 79.339	3.3152/ 3.3162 84.206/ 84.231	0.9330 23.70	0.0949 2.410
	F5263U F5263L	1 Pair	3	3.1228/ 3.1236 79.319/ 79.339	3.3152/ 3.3162 84.206/ 84.231	1.2380 31.45	0.0949 2.410
68	420CI /6.9Liter V8 IHC OHV, 16 Valves, vin 1, Diesel	01/1983-12/1987	6882 cc	4.00 X 4.18	8 cyl	E250, E350, F250, F350	68
	445CI /7.3Liter V8 IHC OHV, 16 Valves, vin M, Diesel	01/1988-12/1994	7292 cc	4.11 X 4.18	8 cyl	E350, F-Super Duty, F250, F350, F59	
CR 829CP STD/010/020/030/040 ACL: 8B1327P CLE: CB-1327 (8) FMO: 8-3810CP	C 829	8 Pairs		2.4980/ 2.4990 63.449/ 63.475	2.6905/ 2.6910 68.339/ 68.351	0.8880 22.56	0.0952 2.418
CS 532BB ACL: SC1092 CLE: SH-1092S DUR: IN-17 FMO: 1467M							
MB5599SI STD/010/020/030 ACL: 5M1596 CLE: MS-1596 FMO: 5110M	M5599U M5599L	4 Pairs	1-2-4-5	3.1228/ 3.1236 79.319/ 79.339	3.3152/ 3.3162 84.206/ 84.231	0.8750 22.23	0.0949 2.410
	F5599U F5599L	1 Pair	3	3.1228/ 3.1236 79.319/ 79.339	3.3152/ 3.3162 84.206/ 84.231	1.1300 28.70	0.0949 2.410
MB5600CP <i>Under Development</i> <i>Same as MB5599SI, but with flange oversize .010"</i> <i>Flange length: 28.95 mm.</i>	M5599U M5599L	4 Pairs	1-2-4-5	3.1228/ 3.1236 79.319/ 79.339	3.3152/ 3.3162 84.206/ 84.231	0.8750 22.23	0.0949 2.410
	F5600U F5600L	1 Pair	3	3.1228/ 3.1236 79.319/ 79.339	3.3152/ 3.3162 84.206/ 84.231	1.1400 28.96	0.0949 2.410
69	370 (6.1L) OHV	1979-91	6100 cc	4.05 X 3.59	8 cyl	B700, C600, C700, C800, F600, F700, F800, FT800, L800, LN600, LN700,	69

FORD (U.S.A.)					FORD (U.S.A.)			
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
					LN800, LNT800, LT800, LTS800			
429CI /7.0Liter V8 OHV, 16 Valves, vin G, Gasoline	01/1979-12/1998	7030 cc	4.36 X 3.59	8 cyl	B700, C700, C800, F600, F700, F800, FT800, L800, LN700, LN800, LNT800, LT800, LTS800			
429CI /7.0Liter V8 OHV, 16 Valves, vin C,J,K,N,P,Z, Gasoline	01/1968-12/1973	7030 cc	4.36 X 3.59	8 cyl	Cougar, Custom, Cyclone, LTD, Marauder, Marquis, Montego, Monterey, Mustang, Ranchero, T-Bird, Torino			
460CI /7.5Liter V8 OHV, 16 Valves, vin A,C,G,J,L, Gasoline	01/1968-12/1998	7538 cc	4.36 X 3.85	8 cyl	Continental, Cougar, E250, E350, F-Super Duty, F100, F150, F250, F350, F53, Gran Torino, LTD, M450, Mark V, Mark IV, Mark III, Marquis, Montego, Monterey, Ranchero, Torino			
CR 816SI STD/010/020/030/040/060 ACL:8B818P CLE:CB- 818P(8) ~ FMO:8-3360 ~ VAN:VPR91582 ~	C 816	8 Pairs		2.4992/ 2.5000 63.480/ 63.500	2.6522/ 2.6530 67.366/ 67.386	0.8660 22.00	0.0761 1.933	
CR8014SI STD/010/020/030/040 Same as CR 816SI but with housing bore resized .002" larger CLE:CB-1802P(8)	C8014	8 Pairs		2.4992/ 2.5000 63.480/ 63.500	2.6552/ 2.6550 67.442/ 67.437	0.8660 22.00	0.0770 1.956	
CS 517BB ACL:5C1111 CLE:SH-1111S DUR:F-30 FMO:1414M	S 517	5	1-2-3-4-5	2.1238/ 2.1248 53.945/ 53.970	2.2495/ 2.2505 57.137/ 57.163	0.5850 14.86	0.0620 1.575	
MB5058AM Same as MB5650SI but with flange oversize .010" .Flange length: 28.69 mm ACL:5M5218P								
MB5650SI STD/001/010/020/030/040/050/060 ACL:5M1039 CLE:MS-1039P FMO:4907M VAN:VPM91583	M5512U M5650L F5512	4 Pairs 1 Pair	1-2-4-5 3	2.9994/ 3.0002 76.185/ 76.205 2.9994/ 3.0002 76.185/ 76.205	3.1922/ 3.1930 81.082/ 81.102 3.1922/ 3.1930 81.082/ 81.102	0.9500 24.13 1.1200 28.45	0.0958 2.433 0.0958 2.433	
70	401CI /6.6Liter L6 OHV, 12 Valves, vin P, Diesel Turbocharge 474CI /7.8Liter L6 OHV, 12 Valves, vin A, Diesel Turbocharge	01/1986-12/1997 01/1987-12/1997	6571 cc 7751 cc	4.41 X 4.41 4.41 X 5.20	6 cyl 6 cyl	Ford Truck Ford Truck	70	
CR6679CP STD/010/020/030 CLE:CB-1638P(6) FMO:6-4070CP GLA:B6669	C4131	6 Pairs		2.7496/ 2.7504 69.840/ 69.860	2.9412/ 2.9420 74.706/ 74.727	1.2525 31.81	0.0945 2.400	
MB7038AM STD/010/020/030 CLE:MS-2030P GLA:M7492SA VAN:VPM92859A	M7011U M7011L F5069U F5069L	6 Pairs 1 Pair	1-3,5-7 4	3.3714/ 3.3722 85.634/ 85.654 3.3710/ 3.3722 85.623/ 85.654	3.6242/ 3.6250 92.055/ 92.075 3.6242/ 3.6250 92.055/ 92.075	1.1102 28.20 1.4550 36.96	0.1248 3.170 0.1248 3.170	

Engine Index: FORD (AUSTRALIA)

Engine-Code	Years	Cyl	CC	Line
Ford 200cu.in	1971 -72	6	3300	2
Ford EL 4L	- 01/96	6	3988	1

Engine-Code	Years	Cyl	CC	Line
Ford 250cu.in	1972-73	6	4100	2

Car Model Index: FORD (AUSTRALIA)

Model	Engine	Years	Cyl	CC	Line
Fairlane	Ford 250cu.in		6	4100	2
Fairmont	Ford 200cu.in		6	3300	2
Fairmont	Ford 250cu.in		6	4100	2
Falcon	Ford 200cu.in		6	3300	2

Model	Engine	Years	Cyl	CC	Line
Falcon	Ford 250cu.in		6	4100	2
Transit Van	Ford 250cu.in		6	4100	2

FORD (AUSTRALIA)					FORD (AUSTRALIA)				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
1	Ford EL 4L	- 01/96	3988 cc	92.00 X 96.31	6 cyl				1
CR6653AM <i>Under Development</i> ACL:6B2150	C6653	6 Pairs		2.1234/ 2.1238 53.934/ 53.945	2.2390/ 2.2398 56.871/ 56.891	0.8100 20.57	0.0574 1.458		
MB7063AM STD/001/010/020/030/040 ACL:7M2092 OEM:ELH 18347 A	M7063U M7063L	6 Pairs	1-4,6,7	2.8577/ 2.8587 72.586/ 72.611	2.8156/ 2.8166 71.516/ 71.542	0.6230 15.82	0.0788 2.002		
	F7063 M7063L	1 Pair	5	2.8577/ 2.8587 72.586/ 72.611	2.8156/ 2.8166 71.516/ 71.542	1.0780 27.38	0.0788 2.002		
2	Ford 200cu.in	1971 -72	3300 cc	93.00 X 79.50	6 cyl	Fairmont, Falcon			2
	Ford 250cu.in	1972-73	4100 cc	93.50 X 79.50	6 cyl	Fairlane, Fairmont, Falcon, Transit Van			
CR6653AM <i>Under Development</i> ACL:6B2150	C6653	6 Pairs		2.1234/ 2.1238 53.934/ 53.945	2.2390/ 2.2398 56.871/ 56.891	0.8100 20.57	0.0574 1.458		
MB7703AM STD/001/010/020/030 <i>FI STD length 32.28 mm in all undersizes.</i> CLE:MS-2158P NDC:MS-3808	M7703U M7703L	6 Pairs	1-2-3-4- 6-7	2.3982/ 2.3990 60.914/ 60.935	2.5902/ 2.5910 65.791/ 65.811	1.0200 25.91	0.0955 2.426		
	F7703U F7703L	1 Pair	5	2.3982/ 2.3990 60.914/ 60.935	2.5902/ 2.5910 65.791/ 65.811	1.2710 32.28	0.0955 2.426		

Engine Index: FORD (BRASIL)

Engine-Code	Years	Cyl	CC	Line
1300 Tipo R.8	1971-	4	1289	1
1300 CHT	1981-94	4	1341	1
1400 T.C.=8,0:1	1972-	4	1372	1
1.6 T.C.=12,0=1		4	1555	1
268		6	4382	2

Engine-Code	Years	Cyl	CC	Line
401NA,401TC		6	6600	3
6.6 FTO-401-NA		6	6600	3
474TC		6	7800	3

Car Model Index: FORD (BRASIL)

Model	Engine	Years	Cyl	CC	Line
Caminhao F-200 /F-400	268		6	4382	2
Cargo 1215/1415/1615	401NA,401TC		6	6600	3
Cargo 1218/1418/1618	401NA,401TC		6	6600	3
Cargo C 3224, RAM	474TC		6	7800	3
Cargo C1114/ C1314/	6.6 FTO-401-NA		6	6600	3

Model	Engine	Years	Cyl	CC	Line
CorseI 1400	1300 CHT		4	1341	1
CorseI II/Belina II 1.6L	1.6 T.C.=12,0=1		4	1555	1
Escort 1300 CHT	1300 CHT		4	1341	1
Escort 1300 CHT	1.6 T.C.=12,0=1		4	1555	1
GT-Belina 1400	1400 T.C.=8,0:1		4	1372	1

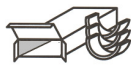




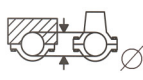


Model	Engine	Years	Cyl	CC	Line
Micro Onibus FB-400	268		6	4382	2
R8 Corsel	1300 Tipo R.8		4	1289	1

Model	Engine	Years	Cyl	CC	Line
Scala/Pampa 1.6L	1.6 T.C.=12,0=1		4	1555	1

FORD (BRASIL)					FORD (BRASIL)				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
1	1300 Tipo R.8	1971-	1289 cc	73.00 X 77.00	4 cyl	R8 Corsel		1	
	1300 CHT	1981-94	1341 cc	71.50 X 83.50	4 cyl	Corsel 1400, Escort 1300 CHT			
	1400 T.C.=8,0:1	1972-	1372 cc	75.30 X 77.00	4 cyl	GT-Belina 1400			
	1.6 T.C.=12,0=1		1555 cc	71.50 X 83.50	4 cyl	Corsel II/Belina II 1.6L, Escort 1300 CHT, Scala/Pampa 1.6L			
CR4426AM STD/.25/.5/.75/1.0/1.25/1.5 <i>SUPERSEDED BY CR4426AM 1975 -</i> ACL:4B7900 CLE:CB-1005AL(4) FMO:4-2950RAA GLA:B4508SA GLY:01-3046 VAN:VPR91428A		C4426	4 Pairs		1.7309/ 1.7315 43.965/ 43.980	1.8746/ 1.8750 47.615/ 47.625	0.6990 17.75	0.0712 1.808	
MB 505AM STD/.25/.5/.75/1.0/1.25/1.5 <i>For 1300 Tipo R.8 and 1400 T.C.=8,0:1 engines. Was MB5175AM</i> ACL:5M7904 CLE:MS-1183AL FMO:6286M GLA:M5279M GLY:H 897/5 VAN:VPM91429A		M 505/1U M 505/1L	2 Pairs	1-3	1.8106/ 1.8110 45.989/ 45.999	1.9635/ 1.9642 49.873/ 49.891	0.9640 24.49	0.0759 1.928	
		M 505/2U M 505/2L	3 Pairs	2-4-5	1.8106/ 1.8110 45.989/ 45.999	1.9635/ 1.9642 49.873/ 49.891	0.7670 19.48	0.0759 1.928	
MB5526AM STD/.25/.5/.75/1.0/1.25/1.5		M5526/2	2 Pairs		2.1573/ 2.1577 54.795/ 54.806	2.3229/ 2.3235 59.002/ 59.017	0.9645 24.50	0.0824 2.093	
		M5526/1	3 Pairs		2.1573/ 2.1577 54.795/ 54.806	2.3229/ 2.3235 59.002/ 59.017	0.7283 18.50	0.0824 2.093	
2	268		4382 cc	111.80 X 111.80	6 cyl	Caminhao F-200 /F-400, Micro Onibus FB-400		2	
CR6679AM STD/010/020/030 <i>Plain halves. Locating lug - 3.2 mm from right edge</i> GLA:B6669SA VAN:VPR92860A		C4131	6 Pairs		2.7496/ 2.7504 69.840/ 69.860	2.9412/ 2.9420 74.706/ 74.727	1.2525 31.81	0.0945 2.400	
MB5072AM <i>Flange length: STD - 36.96mm (FI STD) .010 .020 .030 .040 .060 - 37.97mm (FI oversize .040)</i>		M 530U M 530L	4 Pairs	1-2-4-5	3.3714/ 3.3722 85.634/ 85.654	3.6242/ 3.6250 92.055/ 92.075	1.1100 28.19	0.1251 3.178	
		F5072U F5072L	1 Pair	3	3.3714/ 3.3722 85.634/ 85.654	3.6242/ 3.6250 92.055/ 92.075	1.4550 36.96	0.1251 3.178	
3	401NA,401TC		6600 cc	111.80 X 111.80	6 cyl	Cargo 1215/1415/1615, Cargo 1218/1418/1618		3	
	6.6 FTO-401-NA		6600 cc	111.80 X 111.80	6 cyl	Cargo C1114 / C1314 / C1514			
	474TC		7800 cc	111.76 X 132.08	6 cyl	Cargo C 3224, RAM			
CR 682AM STD/010/020/030/040 <i>Plain halves. Locating lug - 3.2 mm from right edge</i> CLE:CB- 757AL(6) FMO:6-3105RA GLA:B6496SA VAN:VPR92499A		C4418	6 Pairs		2.7496/ 2.7504 69.840/ 69.860	2.9412/ 2.9420 74.706/ 74.727	1.4100 35.81	0.0945 2.400	
CR6679AM STD/010/020/030 <i>For eng. 474TC Plain halves. Locating lug - 3.2 mm from right edge</i> GLA:B6669SA VAN:VPR92860A		C4131	6 Pairs		2.7496/ 2.7504 69.840/ 69.860	2.9412/ 2.9420 74.706/ 74.727	1.2525 31.81	0.0945 2.400	
CR6722AM <i>For eng. 401NA, 6.6 FTO-401NA</i>									
MB7011AM STD/010/020/030/040 <i>The set includes Flanged Bearing. Flange length:</i>		M7011U M7011L	6 Pairs	1-2-3-5- 6-7	3.3706/ 3.3714 85.613/ 85.634	3.6242/ 3.6246 92.055/ 92.065	1.1100 28.19	0.1245 3.162	

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CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

FORD (BRASIL)				FORD (BRASIL)				
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness	
<i>STD - 36.96mm .010 .020 030 - 37.72mm (FI oversize .030)</i>	F7011U F7011L	1 Pair	4	3.3706/ 3.3714 85.613/ 85.634	3.6242/ 3.6246 92.055/ 92.065	1.4550 36.96	0.1245 3.162	
MB7038AM _{STD/010/020/030} <i>Same as MB7011AM, but with FI STD in all undersizes.</i> CLB:MS-2030P GLA:M7492SA VAN:VPM92859A	M7011U M7011L	6 Pairs	1-3,5-7	3.3714/ 3.3722 85.634/ 85.654	3.6242/ 3.6250 92.055/ 92.075	1.1102 28.20	0.1248 3.170	
	F5069U F5069L	1 Pair	4	3.3710/ 3.3722 85.623/ 85.654	3.6242/ 3.6250 92.055/ 92.075	1.4550 36.96	0.1248 3.170	
MB7038CP								

Engine Index: FORD EUROPE

Engine-Code	Years	Cyl	CC	Line
BSD329		3	0	1
TKAW, TLA L4 58CI /1.0Liter,	05/1976-	4	957	3
TKB L4 58CI /1.0Liter, OHV, 8	03/1983-	4	957	3
105E,107E,307E		4	997	10
TLB L4 61CI /1.0Liter, HCS 1V,	01/1989-	4	999	5
LTA 98CI /1.1Liter, SOHC/OHC,	09/1980-	4	1068	2
G2 L4 67CI /1.1Liter, OHV, 8	01/1968-	4	1098	9
GLAW L4 68CI /1.2Liter, OHV, 8	05/1976-	4	1117	3
GLC,GSF L4 68CI /1.2Liter,	09/1983-	4	1117	3
GMA, GLB, GPA L4 68CI	09/1980-	4	1117	4
GUD L4 68CI /1.2Liter, OHV, 8	01/1989-	4	1118	5
R2 V4		4	1183	15
113E		4	1198	6
DHA/B/C/D/E/F/G L4 76CI	08/1995-	4	1242	14
JCC L4 79CI /1.3Liter,	07/1979-	4	1294	20
JCT L4 79CI /1.3Liter, OHV, 8	08/1982-	4	1294	20
JCC L4 79CI /1.3Liter,	07/1979-	4	1294	7
JCT L4 79CI /1.3Liter, OHV, 8	08/1982-	4	1294	7
J4B L4 79CI /1.3Liter,	07/1990-	4	1297	8
J4C, JJA L4 79CI /1.3Liter,	08/1995-	4	1297	8
J3E L4 79CI /1.3Liter, OHV, 8	05/1976-	4	1297	9
109E		4	1340	10
FHD L4 85CI /1.4Liter, Zetec-SE	08/1995-	4	1388	14
FXDA L4 85CI /1.4Liter, Zetec-	10/1998-	4	1388	14
FXJA L4 85CI /1.4Liter, DOHC,	11/2001-	4	1388	14
F6A L4 85CI /1.4Liter, CVH CFI,	09/1983-	4	1392	12
FUA L4 85CI /1.4Liter, CVH 2V,	10/1985-	4	1392	12
FUG L4 85CI /1.4Liter,	01/1989-	4	1392	12
12M,15M,17M		4	1498	15
G8DA L4 95CI /1.6Liter, DOHC,	10/2003-	4	1560	11
HHJA L4 95CI /1.6Liter, DOHC,	11/2001-	4	1560	11
LCS/T,LSD L4 97CI /1.6Liter,	08/1982-	4	1593	20
LSE L4 97CI /1.6Liter, OHC 2V,	01/1987-	4	1593	20
4RB L4 97CI /1.6Liter,	01/1977-	4	1594	20
LAT L4 97CI /1.6Liter,	09/1985-	4	1594	20
LCJ L4 97CI /1.6Liter,	10/1962-	4	1594	20
FYJA L4 97CI /1.6Liter, Duratec-	04/2004-	4	1596	13
LJF L4 98CI /1.6Liter, CVH EFI,	07/1990-	4	1597	12
LNB L4 97CI /1.6Liter, CVH FI,	10/1985-	4	1597	12

Engine-Code	Years	Cyl	CC	Line
L1E/F/G/H/J/K/L/N/Q L4 97CI	01/1989-	4	1597	19
FYDD L4 97CI /1.6Liter, Zetec-	10/1998-	4	1597	13
101/2601E		4	1663	21
MHA L4 102CI /1.7Liter, Zetec-S	03/1997-	4	1679	14
MHB L4 102CI /1.7Liter, Zetec-S	03/1997-	4	1679	19
17M Closed Deck Engine		4	1699	15
P5S MARATHON V4		4	1699	15
BHDA , BHDB , C9DA , C9DB ,	01.1995-	4	1753	16
4.108 Diesel		4	1760	17
R6A L4 108CI /1.8Liter,	01/1987-	4	1769	18
R2A, REC/D/F L4 110CI /1.8Liter,	04/1985-	4	1796	20
REB L4 110CI /1.8Liter, OHC 2V,	08/1982-	4	1796	20
EYDB/C/D/F/G/I/J/L/E L4 110CI	10/1998-	4	1796	19
RDA/RQB L4 110CI /1.8Liter,	07/1990-	4	1796	19
RDB/RQC L4 110CI /1.8Liter,	01/1989-	4	1796	19
RKA/B/C/F/H/J/K L4 110CI	01/1993-	4	1796	19
V6		6	1812	31
XD88-XDP88 D Diesel		4	1948	24
EDBA/B/C/D,EDDC/F,NGA L4	08/1998-	4	1988	19
EDDB L4 121CI /2.0Liter, Zetec-	09/2002-	4	1988	19
N4A/I L4 122CI /2.0Liter, OHC	01/1987-	4	1993	20
NE,NEE/G L4 122CI /2.0Liter,	01/1970-	4	1993	20
NEK/P/N/T L4 122CI /2.0Liter,	01/1977-	4	1993	20
NEL L4 122CI /2.0Liter,	04/1985-	4	1993	20
2602E,2724E		4	1996	21
20M-TS		6	1998	22
N7A L4 122CI /2.0Liter, DOHC,	07/1990-	4	1998	23
N8C L4 122CI /2.0Liter, DOHC, 8	-	4	1998	23
N9F L4 122CI /2.0Liter, DOHC, 8	04/1985-	4	1998	23
NSD L4 122CI /2.0Liter, DOHC, 8	03/1995-	4	1998	23
XD/P.TMP90/723 Diesel		4	2112	24
HF23		6	2293	31
SFB L4 152CI /2.3Liter, 8 Valves,	04/1985-	4	2304	25
STP L4 152CI /2.3Liter, OHV, 8	08/1977-	4	2304	25
STR L4 152CI /2.3Liter, OHV, 8	04/1985-	4	2304	25
YTR L4 152CI /2.3Liter,	01/1987-	4	2304	25
4AA L4 144CI /2.4Liter, OHV, 8	01/1977-	4	2358	26
D2FE L4 147CI /2.4Liter,	01/2000-	4	2402	27
2603E		6	2495	35

Engine-Code	Years	Cyl	CC	Line
4AB L4 152CI /2.5Liter, OHV, 8	01/1977-	4	2496	28
4DA L4 152CI /2.5Liter, OHV, 8	01/1991-	4	2496	28
4ED L4 152CI /2.5Liter, OHV, 8	06/1994-	4	2496	28
4HB L4 152CI /2.5Liter, OHV, 8	06/1994-	4	2496	28
4GB L4 152CI /2.5Liter, OHV, 8	01/1991-	4	2496	29
3.152/A3.152 D Diesel		3	2500	30
V6		6	2551	31
32D Diesel		3	2590	36
PRD V6 170CI /2.8Liter, OHV, 12	08/1977-	6	2792	32
PRE V6 170CI /2.8Liter, OHV, 12	04/1985-	6	2792	32
PRN V6 170CI /2.8Liter, OHV, 12	08/1977-	6	2792	32
PRT V6 170CI /2.8Liter, OHV, 12	08/1982-	6	2792	32
AAA L6 170CI /2.8Liter, DOHC,	05/1995-	6	2792	33
32D Diesel		3	2870	36
40D Diesel		3	2870	36
V6 Injection		6	2933	34
3012E		6	2994	35
BSD 332 Diesel		3	3147	36
E1ADKN-B		4	3260	37
201 CU. IN. D Diesel		3	3294	36
BSD 333 Diesel		3	3294	36
BSD 333H Diesel Direct Injection		3	3294	36
592E		4	3610	37

Engine-Code	Years	Cyl	CC	Line
256 CU IN D Diesel		4	3820	39
56G		4	3820	39
2701E,2706E D Diesel Vertical,		4	3933	38
DOVER 90 Diesel		4	4149	38
2711E/2712E D Diesel		4	4162	38
256 CU. IN. D Diesel		4	4195	39
256 CU IN D Diesel		4	4196	40
BSD 444 Diesel Direct Injection		4	4392	39
BSD 444T Diesel Turbocharged		4	4392	40
589E		6	4888	41
2708E,2703E D Diesel Inclined,		6	5409	42
590E		6	5416	41
2704E,2709E D Diesel		6	5899	43
360 CU IN Diesel Turbocharged		6	5944	43
DOVER 150 Diesel		6	5947	43
DOVER 110 Diesel		6	5947	42
365/6 Diesel Parent Block		6	5948	42
DOVER 130 Diesel		6	6224	43
2715E Diesel		6	6227	43
401 CU IN D Diesel		6	6571	44
401 CU. IN. D Diesel		6	6571	45
V8.510/AV8.510 Diesel		8	8360	46

Car Model Index: FORD EUROPE

Model	Engine	Years	Cyl	CC	Line
240	2701E,2706E D	1965-69	4	3933	38
254	2711E/2712E D	1969-	4	4162	38
255 cu.in.Cargo Series	DOVER 90 Diesel	1981-	4	4149	38
255/4,254 cu.in.	2711E/2712E D	1969-81	4	4162	38
2600 Turnier	V6	1970-79	6	2551	31
2610, 2910	BSD329		3		1
330	2704E,2709E D	1965-	6	5899	43
334 Highway Tractor	BSD 332 Diesel	1981-	3	3147	36
360 cu.in.Cargo Series	DOVER 150	1981-	6	5947	43
360 cu.in.Cargo Series	DOVER 110	1981-	6	5947	42
3610,3910 Tractors	BSD 332 Diesel	1981-	3	3147	36
380cu.in.Cargo Series	DOVER 130	1981-	6	6224	43
4110 Tractor	BSD 333 Diesel	1981-	3	3294	36
4610,4610SU Tractors	BSD 333H Diesel	1981-	3	3294	36
4D Thames	592E	1952-65	4	3610	37
4D,D Series	2701E,2706E D	1965-81	4	3933	38
6610	BSD 444T Diesel	1981-	4	4392	40
6610,6710(excluding	BSD 444 Diesel	1981-	4	4392	39
6D,D Series	2708E,2703E D	1965-81	6	5409	42
6D,D,series	2704E,2709E D	1965-81	6	5899	43
6d Thames Trader, 4-7	590E	1955-65	6	5416	41
72 Turnier	P5S MARATHON	1964-72	4	1699	15
7610,7710 Tractor	BSD 444T Diesel	1981-	4	4392	40
8100 Tractor	2715E Diesel	1969-	6	6227	43
Anglia	105E,107E,307E	1960-68	4	997	10
Anglia Super	113E	1962-68	4	1198	6
C-Max 1.6 TDCI	HHJA L4 95CI	10/03-	4	1560	11
Capri 1700	17M Closed Deck	1968-73	4	1699	15
Capri 2000	2602E,2724E	1969-75	4	1996	21
Capri 2300,GT,RS,Ghia	HF23	1968-	6	2293	31
Capri 2600,RS,GT	V6	1970-79	6	2551	31
Capri 3000	3012E	1966-81	6	2994	35
Capri 335	109E	1961-62	4	1340	10
Capri II 1300L,XL	JCC L4 79CI	1970-82	4	1294	7
Capri II 1300L,XL	JCT L4 79CI	1970-82	4	1294	7

Model	Engine	Years	Cyl	CC	Line
Classic 315	109E	1961-62	4	1340	10
Consul 2000L	2602E,2724E	1972-74	4	1996	21
Consul 2300,GT	HF23	1968-	6	2293	31
Consul 3000 GT	3012E	1969-75	6	2994	35
Corsair 2000,GT,E	2602E,2724E	1967-70	4	1996	21
Corsair De Luxe	101/2601E	1966-75	4	1663	21
Cortina	113E	1963-68	4	1198	6
Cortina	JCC L4 79CI	1970-82	4	1294	7
Cortina	JCT L4 79CI	1970-82	4	1294	7
Cortina 2300 GL/S/Ghia	HF23	1968-	6	2293	31
D Series Phase 11	V8.510/AV8.510		8	8360	46
D0610,D0710,D0711,D	365/6 Diesel Parent	1965-81	6	5948	42
D0915,D1114,D1115,D	360 CU IN Diesel	1968-81	6	5944	43
D1010,D1110,D1210,D	365/6 Diesel Parent	1965-81	6	5948	42
D1314/D1315/D1514/D	DOVER 150	1981-	6	5947	43
D2014,DA2014,DT2014	360 CU IN Diesel	1968-81	6	5944	43
D2115	DOVER 150	1981-	6	5947	43
Dexta Tractor, Series	32D Diesel	1965-75	3	2590	36
Dexta Tractor, Series	401 CU IN D Diesel	1972-	6	6571	44
Dexta Tractor, Series	401 CU. IN. D	1969-	6	6571	45
ESCORT	BHDA , BHDB ,		4	1753	16
Escort 1.6LD/GLD	LTA 98CI /1.1Liter,	1984-	4	1068	2
Escort 1100 L, GL,Ghia	GMA, GLB, GPA	1980-82	4	1117	4
Escort	L1E/F/G/H/J/K/L/N/	hion/Turni	4	1597	19
Escort L,	GLC,GSF L4 68CI	1980-87	4	1117	3
Escort L,	GLAW L4 68CI	1980-87	4	1117	3
FOCUS	BHDA , BHDB ,		4	1753	16
Fiesta 1.6 LD/GLD	LTA 98CI /1.1Liter,	1984-	4	1068	2
Fiesta 16V	FYDD L4 97CI	02/00-	4	1597	13
Fiesta	FHD L4 85CI		4	1388	14
Fiesta	GLC,GSF L4 68CI	1976-	4	1117	3
Fiesta	GLAW L4 68CI	1976-	4	1117	3
Fiesta	TKA/W, TLA L4	1976-	4	957	3
Fiesta	TKB L4 58CI	1976-	4	957	3
Fiesta Popular	GUD L4 68CI	1989-	4	1118	5

Model	Engine	Years	Cyl	CC	Line
Fiesta	TLB L4 61CI	1989-	4	999	5
Fiesta V 1.4 16V	G8DA L4 95CI	2/99-	4	1560	11
Fiesta Van Popular, L	TKAW, TLA L4	1976-	4	957	3
Fiesta Van Popular, L	TKB L4 58CI	1976-	4	957	3
Fiesta Van Popular, L	GLC,GSF L4 68CI	1976-	4	1117	3
Fiesta Van Popular, L	GLAW L4 68CI	1976-	4	1117	3
Fiesta, Fiesta Ghia/Flair	DHA/B/C/D/E/F/G		4	1242	14
Focus 16V	FYDD L4 97CI	10/98-	4	1597	13
Focus II 1.6 TDCI	HHJA L4 95CI	4/05-	4	1560	11
Fusion 1.6 TDCI	G8DA L4 95CI	11/04-	4	1560	11
Galaxy, Galaxy 4x4 2.8	AAA L6 170CI		6	2792	33
Ghia	LCS/T, LSD L4	1984-	4	1593	20
Granada	XD88-XDP88 D	1977-82	4	1948	24
Granada 2.1d,l,gl	XD/P.TMP90/723	1977-82	4	2112	24
Granada	YTR L4 152CI	1982-	4	2304	25
Granada 2.9	V6 Injection	1988-	6	2933	34
Granada	HF23	1968-	6	2293	31
Granada	V6	1970-79	6	2551	31
Granada 3000 GXL/LS	3012E	1969-77	6	2994	35
Industrial Engine	101/2601E	1966-75	4	1663	21
Industrial Engine	2602E,2724E	1966-69	4	1996	21
Industrial Engine	2603E	1966-72	6	2495	35
Industrial Engine	2715E Diesel	1969-81	6	6227	43
Industrial engine	2711E/2712E D	1969-	4	4162	38
Laser	LCS/T, LSD L4	1984-	4	1593	20
MONDEAO	BHDA , BHDB ,		4	1753	16
Major Tractor	E1ADKN-B		4	3260	37
ORION	BHDA , BHDB ,		4	1753	16
Orion 1.6LD/GLD	LTA 98CI /1.1Liter,	1984-	4	1068	2
P 100	BHDA , BHDB ,		4	1753	16
Power Major, Super	592E	1952-65	4	3610	37
Prefect	105E,107E,307E	1960-68	4	997	10
Puma 16V	FYDD L4 97CI	08/00-	4	1597	13
SIERRA	BHDA , BHDB ,		4	1753	16
Sapphire 1.8, L, LX,	R6A L4 108CI	1988-	4	1769	18
Scorpio	YTR L4 152CI	1982-	4	2304	25
Scorpio 2.9 4x4	V6 Injection	1988-	6	2933	34
Series 6Y, Major 4000	201 CU. IN. D	1964-	3	3294	36
Series 6Y, Major 5000	256 CU. IN. D	1968-	4	4195	39
Series 6Y,3000, Super	40D Diesel	1965-	3	2870	36
Series 6Y,5000, Super	256 CU IN D Diesel	1965-68	4	3820	39
Series 6Y,7000	256 CU IN D Diesel	1971-	4	4196	40
Series 7A,2600,233	32D Diesel	1975-81	3	2590	36
Series 7A,3600,333	40D Diesel	1975-	3	2870	36
Series 7A,41000	32D Diesel	1975-	3	2870	36
Series 7A,4600	201 CU. IN. D	1964-	3	3294	36
Series 7A,5600	256 CU IN D Diesel	1975-	4	3820	39
Series 7A,6600,6700	256 CU. IN. D	1968-	4	4195	39

Model	Engine	Years	Cyl	CC	Line
Series	256 CU IN D Diesel	1971-	4	4196	40
Series 7A,8600,8700	401 CU IN D Diesel	1972-	6	6571	44
Sierra 1.8, L, LX, GL,	R6A L4 108CI	1988	4	1769	18
Sierra	LCS/T, LSD L4	1984-	4	1593	20
Sierra	YTR L4 152CI	1982-	4	2304	25
Sierra 2.9 EFi GLS 4x4	V6 Injection	1989-	6	2933	34
Sierra 2.9 XR 4x4i	V6 Injection	1989-	6	2933	34
Sierra 2300 GL, Ghia	HF23	1982-	6	2293	31
Sierra Sapphire 2.3D	YTR L4 152CI	1982-	4	2304	25
Super Dexta Tractor	3.152/A3.152 D		3	2500	30
Super Major 5000	56G	1965-	4	3820	39
Taurus	12M,15M,17M	1962-71	4	1498	15
Taurus	17M Closed Deck	1968-73	4	1699	15
Taurus 12M,Transit 600	R2 V4	1962-67	4	1183	15
Taurus	JCC L4 79CI	1970-82	4	1294	7
Taurus	JCT L4 79CI	1970-82	4	1294	7
Taurus 17M	P5S MARATHON	1964-72	4	1699	15
Taurus 17M-1800S	V6	1972-	6	1812	31
Taurus 20M Coupe,V6	20M-TS	1964-68	6	1998	22
Taurus 2300	HF23	1968-	6	2293	31
Thames 1.1/2-4 Ton,	592E	1952-64	4	3610	37
Thames 5-7Cwt Van	105E,107E,307E	1960-68	4	997	10
Thames 5-7cwt	113E	1962-68	4	1198	6
Thames Trader	589E	1957-65	6	4888	41
Transit	4.108 Diesel	1965-	4	1760	17
Transit	D2FE L4 147CI		4	2402	27
Transit	P5S MARATHON	1964-67	4	1699	15
Transit	101/2601E	1966-75	4	1663	21
Transit	2602E,2724E	1972-74	4	1996	21
Transit	4AA L4 144CI	1972-	4	2358	26
Transit	2602E,2724E	1966-69	4	1996	21
Transit	2602E,2724E	1966-69	4	1996	21
Transit	4AA L4 144CI	1972-	4	2358	26
Transit Turbo	4GB L4 152CI	1991-	4	2496	29
Truck/Tipper 0809	DOVER 90 Diesel	1981-	4	4149	38
Truck/Tipper	DOVER 130	1981-	6	6224	43
Trucks 1111,Truck	DOVER 110	1981-	6	5947	42
Trucks 1113/1613	DOVER 130	1981-	6	6224	43
Turiner 2300/L/GLS	HF23	1968-	6	2293	31
Turnier	XD/P.TMP90/723	1977-82	4	2112	24
Zephyr 4 Mk IV	2602E,2724E	1966-71	4	1996	21
Zephyr 6 MK IV	2603E	1966-72	6	2495	35
Zodiac Mk IV Executive	3012E	1966-72	6	2994	35

FORD EUROPE			FORD EUROPE					
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
1	BSD329			3 cyl	2610, 2910		1	
CR 302AM STD/010/020/030/040/060 CLF:CB- 757AL(3) FMO:3-3105RA GLA:B3047SA OEM:DFPN6211Bx3 VAN:VPR91179		C4418	3 Pairs		2.7496/ 2.7504 69.840/ 69.860	2.9412/ 2.9420 74.706/ 74.727	1.4100 35.81	0.0945 2.400
MB4061AM STD/010/020/030		M7011U	3 Pairs	1,3,4	3.3714/ 3.3722	3.6242/ 3.6250	1.1102	0.1248

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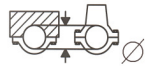


CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

FORD EUROPE				FORD EUROPE			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
	M7011L			85.634/ 85.654	92.055/ 92.075	28.20	3.170
	F5069U F5069L	1 Pair	2	3.3710/ 3.3722 85.623/ 85.654	3.6242/ 3.6250 92.055/ 92.075	1.4512 36.86	0.1248 3.170
2	LTA 98CI /1.1Liter, SOHC/OHC, 8 Valves, Diesel	09/1980-12/1995	1068 cc	80.00 X 80.00	4 cyl	Escort 1.6LD/GLD, Fiesta 1.6 LD/GLD, Orion 1.6LD/GLD	2
CR4078AM STD/.25/.5/.75/1.0	C4078	4 Pairs		1.9280/ 1.9287 48.971/ 48.989	2.0472/ 2.0480 51.999/ 52.019	0.8071 20.50	0.0590 1.499
CLE:CB-1306AL (4) FMO:4-2090RA GLA:B4635SA GLY:01-4132/4 K.S:87 275 600 VAN:VPR91892A							
MB5132AM STD/.25/.5/.75/1.0	M5132	1 Pair	1	2.1248/ 2.1256 53.970/ 53.990	2.2710/ 2.2715 57.683/ 57.696	0.7185 18.25	0.0723 1.836
CLE:MS-1605AL FMO:7127M GLA:M5414SA GLY:H1154/5 K.S:87 274 600 VAN:VPM91893A	M5592/2U M5592/2L	4 Pairs	2-3-4-5	2.1248/ 2.1256 53.970/ 53.990	2.2710/ 2.2715 57.683/ 57.696	0.9449 24.00	0.0723 1.836
TW 106AM	W 106	1 Pair		2.3400/ 2.3500 59.436/ 59.690	2.9330/ 2.9430 74.498/ 74.752	0.0000 0.00	0.0930 2.362
ACL:1T 113 CLE:TW- 113S FMO:2786BF GLA:W2081SA GLY:A180/2 VAN:VPW95A							
3	TKA/W, TLA L4 58CI /1.0Liter, OHV, 8 Valves, Gasoline	05/1976-11/1986	957 cc	73.94 X 55.70	4 cyl	Fiesta L, GL, S, Ghina, Popular,, Fiesta Van Popular, L	3
	TKB L4 58CI /1.0Liter, OHV, 8 Valves, Gasoline	03/1983-12/1995	957 cc	73.94 X 55.70	4 cyl	Fiesta L, GL, S, Ghina, Popular,, Fiesta Van Popular, L	
	GLC,GSF L4 68CI /1.2Liter, OHV, 8 Valves, Gasoline	09/1983-11/1989	1117 cc	73.94 X 65.00	4 cyl	Escort L, GL, S, Ghia, E, LE,, Fiesta L, GL, S, Ghia, Popular,, Fiesta Van Popular, L	
	GLA/W L4 68CI /1.2Liter, OHV, 8 Valves, Gasoline	05/1976-08/1983	1117 cc	73.94 X 65.00	4 cyl	Escort L, GL, S, Ghia, E, LE,, Fiesta L, GL, S, Ghia, Popular,, Fiesta Van Popular, L	
CR4498AM STD/.25/.5/.75/1.0 1976-88	C4498	4 Pairs		1.6925/ 1.6933 42.990/ 43.010	1.8380/ 1.8388 46.685/ 46.706	0.6790 17.25	0.0722 1.834
CLE:CB-1199AL (4) GLA:B4617SA GLY:01-4184/4 VAN:VPR91854A							
CS 302AM							
GLA:C3093S GLY:N182/3							
MB3320AM	M3320	3 Pairs		2.2433/ 2.2441 56.980/ 57.000	2.3867/ 2.3872 60.622/ 60.635	0.8504 21.60	0.0711 1.806
STD/040/.25/.5/.75/1.0/1.25/1.5 SUPERSEDED BY MB3320AM CLE:MS-1395AL FMO:6551M GLA:M3412SB GLY:H 942/3 K.S:87 374 600 VAN:VPM91591A							
MB3329AM	M3329	3 Pairs		2.2433/ 2.2441 56.980/ 57.000	2.4017/ 2.4022 61.003/ 61.016	0.8504 21.60	0.0786 1.996
Under Development 0.38 mm oversize housing of MB3320AM CLE:MS-1915AL GLA:M3412SB O/S VAN:VPM92132A							
TW 172AM STD/005/010/.05/.10/.25/.5/.75 1976-89	W 172	1 Pair		2.5039/ 2.5138 63.599/ 63.851	3.0649/ 3.0748 77.848/ 78.100	0.0000 0.00	0.1122 2.850
FMO:66526BF GLA:W2256SA GLY:66526AF VAN:VPW95053A							
4	GMA, GLB, GPA L4 68CI /1.2Liter, OHV, 8 Valves, Gasoline	09/1980-07/1986	1117 cc	73.97 X 65.00	4 cyl	Escort 1100 L, GL, Ghia	4
CR4498AM STD/.25/.5/.75/1.0 1976-88	C4498	4 Pairs		1.6925/ 1.6933 42.990/ 43.010	1.8380/ 1.8388 46.685/ 46.706	0.6790 17.25	0.0722 1.834
CLE:CB-1199AL (4) GLA:B4617SA GLY:01-4184/4 VAN:VPR91854A							
MB5025AM							
0.40 mm oversize housing of MB513AM. CLE:MS-1921AL GLA:M5377AM O/S VAN:VPM91857A							









FORD EUROPE					FORD EUROPE			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
MB5513AM STD/.25/.5/.75/1.0 <i>All 8 halves with full annular groove and hole.</i> CLE:MS-1484AL GLA:M5377SA GLY:H 991/5 K.S:87 372 600 NDC:MS-3863 VAN:VPM91856A	M5513	5 Pairs		2.2827/ 2.2835 57.981/ 58.001	2.4522/ 2.4528 62.286/ 62.301	0.8890 22.58	0.0842 2.139	
MB5513CP								
TW 122AM <i>Under Development</i> CLE:TW- 338S GLA:W2289SA GLY:A 127/2 VAN:VPM95084	W 214	1 Pair		2.5433/ 2.5531 64.600/ 64.849	3.1831/ 3.1929 80.851/ 81.100	0.0000 0.00	0.0925 2.350	
5	TLB L4 61CI /1.0Liter, HCS 1V, OHV, 8 Valves, Gasoline GU D L4 68CI /1.2Liter, OHV, 8 Valves, Diesel	01/1989-01/1997 01/1989-01/1997	999 cc 1118 cc	68.70 X 67.50 68.70 X 75.50	4 cyl 4 cyl	Fiesta Popular,Plus,L,LX,Ghia Plus,L,LX,CTX		5
CR4040AM STD/.25/.5/.75/1.0/1.25/1.5 FMO:4-4165RA GLA:B4682SA GLY:01-4153/4 VAN:VPR92317A	C4040	4 Pairs		1.6138/ 1.6146 40.991/ 41.011	1.7319/ 1.7327 43.990/ 44.011	0.7067 17.95	0.0580 1.473	
CS 302AM GLA:C3093S GLY:N182/3								
MB3334AM STD/.25/.5/.75/1.0 FMO:7199M GLA:M3443SA VAN:VPM92315A	M5576U M5576L	3 Pairs		2.2433/ 2.2441 56.980/ 57.000	2.3867/ 2.3872 60.622/ 60.635	0.7240 18.39	0.0711 1.806	
TW 172AM STD/005/010/05/10/25/5/75 FMO:66526BF GLA:W2256SA GLY:66526AF VAN:VPM95053A	W 172	1 Pair		2.5039/ 2.5138 63.599/ 63.851	3.0649/ 3.0748 77.848/ 78.100	0.0000 0.00	0.1122 2.850	
6	113E		1198 cc	80.95 X 58.34	4 cyl	Anglia Super, Cortina, Thames 5-7cwt		6
CS 332BB ACL:3C711S CLE:SH- 711S DUR:F-28 FMO:1459M GLA:C3037S GLY:N161/3 VAN:VPC941								
MB 307AM 040 CLE:MS- 741AL FMO:4193M GLA:M3274SA	M 512	3 Pairs		2.1255/ 2.1260 53.988/ 54.000	2.2710/ 2.2715 57.683/ 57.696	1.0050 25.53	0.0722 1.834	
PB 122CP FMO:2789Y-20 GLA:S4578L VAN:VPS96069								
TW 106AM ACL:1T 113 CLE:TW- 113S FMO:2786BF GLA:W2081SA GLY:A180/2 VAN:VPM95A	W 106	1 Pair		2.3400/ 2.3500 59.436/ 59.690	2.9330/ 2.9430 74.498/ 74.752	0.0000 0.00	0.0930 2.362	
7	JCC L4 79CI /1.3Liter, SOHC/OHC, 8 Valves, Diesel JCT L4 79CI /1.3Liter, OHV, 8 Valves, Diesel	07/1979-08/1982 08/1982-02/1987	1294 cc 1294 cc	879.00 X 66.00 79.03 X 66.00	4 cyl 4 cyl	Capri II 1300L,XL, Cortina 1300,L,LS,GL,GLS,Ghia, Taunus 1300,L,XL,LS,GL,S,GLS, Capri II 1300L,XL, Cortina 1300,L,LS,GL,GLS,Ghia, Taunus 1300,L,XL,LS,GL,S,GLS,		7
CR4440AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:4B943P CLE:CB- 943AL (4) FMO:4-3460CP GLA:B4509SA GLY:01-4142/4 NDC:CB-3821 VAN:VPR91349A	C4440	4 Pairs		2.0468/ 2.0472 51.989/ 51.999	2.1653/ 2.1661 54.999/ 55.019	0.7870 19.99	0.0587 1.491	
CS 307BB STD FMO:1412M GLA:C3061S GLY:N145/3 VAN:VPC992								
MB 545AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:5M1084P CLE:MS-1084AL FMO:5035M GLA:M5280SA K.S:87 370 600 NDC:MS-3821 VAN:VPM91350A	M 545	5 Pairs		2.2437/ 2.2441 56.990/ 57.000	2.3866/ 2.3874 60.620/ 60.640	0.9350 23.75	0.0710 1.803	
TW 214AM ACL:2T 218 CLE:TW- 218S	W 214D W 214E	2 Pairs		2.5039/ 2.5138 63.599/ 63.851	3.1594/ 3.1693 80.249/ 80.500	0.0000 0.00	0.0921 2.339	

FORD EUROPE					FORD EUROPE			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
FMO: 3461AFA GLY: 1644AF	GLA: W2198SA VAN: VPW8							
8	J4C, JJA L4 79CI /1.3Liter, Endura-E SEFI, 8 Valves, Gasoline	08/1995-11/2008	1297 cc	74.00 X 75.50	4 cyl		8	
	J4B L4 79CI /1.3Liter, SOHC/OHC, 8 Valves, Gasoline	07/1990-02/1999	1297 cc	74.00 X 75.50	4 cyl			
CR4040AM STD/.25/.5/.75/1.0/1.25/1.5	C4040	4 Pairs		1.6138/ 1.6146 40.991/ 41.011	1.7319/ 1.7327 43.990/ 44.011	0.7067 17.95	0.0580 1.473	
FMO: 4-4165RA GLY: 01-4153/4	GLA: B4682SA VAN: VPR92317A							
CS 302AM								
GLA: C3093S GLY: N182/3								
MB5576AM STD/.25/.5/.75/1.0	M5576U M5576L	5 Pairs		2.2433/ 2.2441 56.980/ 57.000	2.3867/ 2.3872 60.622/ 60.635	0.7240 18.39	0.0711 1.806	
FMO: 7200M GLY: 02-4549	GLA: M5479SA VAN: VPM92316A							
TW 172AM STD/005/010/.05/.10/.25/.5/.75	W 172	1 Pair		2.5039/ 2.5138 63.599/ 63.851	3.0649/ 3.0748 77.848/ 78.100	0.0000 0.00	0.1122 2.850	
FMO: 66526BF GLY: 66526AF	GLA: W2256SA VAN: VPW95053A							
9	G2 L4 67CI /1.1Liter, OHV, 8 Valves, Gasoline	01/1968-07/1981	1098 cc	80.98 X 53.30	4 cyl		9	
	J3E L4 79CI /1.3Liter, OHV, 8 Valves, Gasoline	05/1976-08/1983	1297 cc	80.99 X 62.99	4 cyl			
CR 410AM STD/010/020/030/040/050/060	C 410	4 Pairs		1.9370/ 1.9375 49.200/ 49.213	2.0825/ 2.0830 52.896/ 52.908	0.8800 22.35	0.0722 1.834	
ACL: 4B603 FMO: 4-2785RA GLY: 01-2324/4 VAN: VPR819A	CLE: CB- 603AL (4) GLA: B4355SA NDC: CB-3004							
CR 410CP STD								
CS 332BB								
ACL: 3C711S DUR: F-28 GLA: C3037S VAN: VPC941	CLE: SH- 711S FMO: 1459M GLY: N161/3							
MB 512AM STD/010/020/030/040	M 512	5 Pairs		2.1255/ 2.1260 53.988/ 54.000	2.2710/ 2.2715 57.683/ 57.696	1.0050 25.53	0.0722 1.834	
ACL: 5M742 FMO: 4865M GLY: H 904/5 VAN: VPM91152A	CLE: MS- 742AL GLA: M5195SA NDC: MS-3004							
MB 512CP STD								
MB5120AM STD/010/020/030/040 .015" oversize housing of MB 512AM	M5120	5 Pairs		2.1255/ 2.1260 53.988/ 54.000	2.2860/ 2.2865 58.064/ 58.077	1.0050 25.53	0.0797 2.024	
ACL: 5M2152+015 VAN: VPM91143	GLA: M5195SA O/S							
PB 122CP								
FMO: 2789Y-20 VAN: VPS96069	GLA: S4578L							
TW 106AM	W 106	1 Pair		2.3400/ 2.3500 59.436/ 59.690	2.9330/ 2.9430 74.498/ 74.752	0.0000 0.00	0.0930 2.362	
ACL: 1T 113 FMO: 2786BF GLY: A180/2	CLE: TW- 113S GLA: W2081SA VAN: VPW95A							
10	105E,107E,307E		997 cc	80.95 X 48.42	4 cyl	Anglia, Prefect, Thames 5-7Cwt Van	10	
	109E		1340 cc	80.95 X 58.34	4 cyl	Capri 335, Classic 315		
CR 410AM STD/010/020/030/040/050/060	C 410	4 Pairs		1.9370/ 1.9375 49.200/ 49.213	2.0825/ 2.0830 52.896/ 52.908	0.8800 22.35	0.0722 1.834	
ACL: 4B603 FMO: 4-2785RA GLY: 01-2324/4 VAN: VPR819A	CLE: CB- 603AL (4) GLA: B4355SA NDC: CB-3004							
CR 410CP STD								
CS 332BB								
ACL: 3C711S DUR: F-28 GLA: C3037S	CLE: SH- 711S FMO: 1459M GLY: N161/3							

FORD EUROPE				FORD EUROPE										
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness							
VAN:VPC941 MB 307AM₀₄₀ CLE:MS- 741AL FMO:4193M GLA:M3274SA								M 512	3 Pairs		2.1255/ 2.1260 53.988/ 54.000	2.2710/ 2.2715 57.683/ 57.696	1.0050 25.53	0.0722 1.834
PB 122CP FMO:2789Y-20 GLA:S4578L VAN:VPS96069														
TW 106AM ACL:IT 113 CLE:TW- 113S FMO:2786BF GLA:W2081SA GLY:A180/2 VAN:VPW95A								W 106	1 Pair		2.3400/ 2.3500 59.436/ 59.690	2.9330/ 2.9430 74.498/ 74.752	0.0000 0.00	0.0930 2.362
11	G8DA L4 95CI /1.6Liter, DOHC, 16 Valves, Diesel Turbocharge		10/2003-03/2007	1560 cc	75.00 X 88.30	4 cyl	Fiesta V 1.4 16V, Fusion 1.6 TDCI	11						
	HHJA L4 95CI /1.6Liter, DOHC, 16 Valves, Diesel Turbocharge		11/2001-	1560 cc	75.00 X 88.30	4 cyl	C-Max 1.6 TDCI, Focus II 1.6 TDCI							
CR4503SX_{STD/.25/.3/.5/.75/.8} <i>SUPERSEDED BY CR4503SX</i> GLY:71-4246/4 K.S:77 873 600 OEM:3M5Q 6211 AA VAN:VPR04521SP								C4503	4 Pairs		1.8494/ 1.8500 46.975/ 46.990	1.9943/ 1.9950 50.655/ 50.673	0.6693 17.00	0.0716 1.819
MB5399S_{STD/.3/.5/.8/1.0} GLY:H046/5 OEM:0113.T5 VAN:VPM05047A								M5399U	5 Halves		1.9670/ 1.9678 49.962/ 49.982	2.1124/ 2.1131 53.655/ 53.673	0.8040 20.42	0.0710 1.803
								M5399L	5 Halves		1.9670/ 1.9678 49.962/ 49.982	2.1124/ 2.1131 53.655/ 53.673	0.7840 19.91	0.0720 1.829
TW 179AM GLY:A217/2 OEM:2S6Q 6A339AA VAN:VPW01004A								W 179	1 Pair		2.1732/ 2.1843 55.199/ 55.481	2.8091/ 2.8228 71.351/ 71.699	0.0000 0.00	0.0960 2.438
12	FUA L4 85CI /1.4Liter, CVH 2V, SOHC/OHC, 8 Valves, Gasoline		10/1985-10/1990	1392 cc	77.25 X 74.30	4 cyl		12						
	F6A L4 85CI /1.4Liter, CVH CFI, SOHC/OHC, 8 Valves, Gasoline		09/1983-10/1990	1392 cc	77.25 X 74.30	4 cyl								
	FUG L4 85CI /1.4Liter, SOHC/OHC, 8 Valves, Gasoline		01/1989-08/2000	1392 cc	77.25 X 74.30	4 cyl								
	LNB L4 97CI /1.6Liter, CVH FI, SOHC/OHC, 8 Valves, Gasoline Turbocharge		10/1985-10/1990	1597 cc	79.97 X 79.52	4 cyl								
	LJF L4 98CI /1.6Liter, CVH EFI, SOHC/OHC, 8 Valves, Gasoline		07/1990-10/1994	1597 cc	79.97 X 79.52	4 cyl								
CR4496AM_{STD/.25/.5/.75/1.0/1.5} CLE:CB-1161AL(4) GLA:B4598SA GLY:01-3557/4 NDC:CB-3863 VAN:VPR91855A								C4496	4 Pairs		1.8854/ 1.8862 47.889/ 47.909	2.0030/ 2.0043 50.876/ 50.909	0.7680 19.51	0.0586 1.488
MB5025AM <i>0.40 mm oversize housing of MB5513AM.</i> CLE:MS-1921AL GLA:M5377AM O/S VAN:VPM91857A														
MB5032AM_{STD/.25/.5/.75/1.0} <i>1988- Upper halves with full annular groove and oil hole.</i> CLE:MS-1871AL GLA:M5475SA GLY:H 039/5 VAN:VPM92129A								M5513 M5032	5 Pairs		2.2827/ 2.2835 57.981/ 58.001	2.4522/ 2.4528 62.286/ 62.301	0.8890 22.58	0.0842 2.139
MB5513AM_{STD/.25/.5/.75/1.0} <i>All 8 halves with full annular groove and hole.</i> CLE:MS-1484AL GLA:M5377SA GLY:H 991/5 K.S:87 372 600 NDC:MS-3863 VAN:VPM91856A								M5513	5 Pairs		2.2827/ 2.2835 57.981/ 58.001	2.4522/ 2.4528 62.286/ 62.301	0.8890 22.58	0.0842 2.139
MB5513CP														
TW 122AM <i>Under Development</i> CLE:TW- 338S GLA:W2289SA GLY:A 127/2 VAN:VPW95084								W 214	1 Pair		2.5433/ 2.5531 64.600/ 64.849	3.1831/ 3.1929 80.851/ 81.100	0.0000 0.00	0.0925 2.350
13	FYJA L4 97CI /1.6Liter, Duratec-		04/2004-	1596 cc	79.00 X 81.40	4 cyl		13						

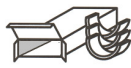




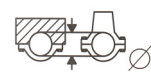


FORD EUROPE				FORD EUROPE			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
16V, DOHC, 16 Valves, Gasoline FYDD L4 97CI /1.6Liter, Zetec-SE SFI, DOHC, 16 Valves, Gasoline		10/1998-03/2005	1597 cc	79.00 X 81.40	4 cyl	Fiesta 16V, Focus 16V, Puma 16V	
CR4365CA STD/.25/.5/.75/1.0 GLY:01-4040/4	C4365U C4365L	4 Pairs		1.7317/ 1.7323 43.985/ 44.000	1.8516/ 1.8522 47.031/ 47.046	0.6050 15.37	0.0600 1.524
MB5009AM STD/.25/.5/.75/1.0 Europe aftermarket. This set includes 1 flanged half with FI STD length 23.78 mm in all undersizes. FMO: 7266M GLY: 7266M	M5009U M5009L	4 Pairs	1-2-4-5	1.8890/ 1.8898 47.981/ 48.001	2.1268/ 2.1275 54.021/ 54.039	0.6339 16.10	0.1186 3.012
	F5009 M5009L	1 Pair	3	1.8890/ 1.8898 47.981/ 48.001	2.1268/ 2.1275 54.021/ 54.039	0.6339 16.10	0.1186 3.012
14	DHA/B/C/D/E/F/G L4 76CI /1.3Liter, Zetec-SE SEFI, DOHC, 16 Valves, Gasoline	08/1995-01/2002	1242 cc	71.90 X 76.50	4 cyl	Fiesta, Fiesta Ghia/Flair 16V	
	FHD L4 85CI /1.4Liter, Zetec-SE SEFI, DOHC, 16 Valves, Gasoline	08/1995-06/2002	1388 cc	76.00 X 76.50	4 cyl	Fiesta Fun/Ghia,Puma,Focus 16V	
	FXDA L4 85CI /1.4Liter, Zetec-SE SFI, DOHC, 16 Valves, Gasoline	10/1998-03/2005	1388 cc	76.00 X 76.50	4 cyl		
	FXJA L4 85CI /1.4Liter, DOHC, 16 Valves, Gasoline	11/2001-	1388 cc	76.00 X 76.50	4 cyl		
	MHA L4 102CI /1.7Liter, Zetec-S VCT SFI, DOHC, 16 Valves, Gasoline	03/1997-06/2002	1679 cc	80.00 X 83.50	4 cyl		
CR4151AM STD/.25/.5/.75/1.0/1.25/1.5 FMO:4-4415RA GLY:01-4162/4	C4151	4 Pairs		1.5740/ 1.5748 39.980/ 40.000	1.6939/ 1.6947 43.025/ 43.045	0.5945 15.10	0.0598 1.519
MB5009AM STD/.25/.5/.75/1.0 Europe aftermarket. This set includes 1 flanged half with FI STD length 23.78 mm in all undersizes. FMO: 7266M GLY: 7266M	M5009U M5009L	4 Pairs	1-2-4-5	1.8890/ 1.8898 47.981/ 48.001	2.1268/ 2.1275 54.021/ 54.039	0.6339 16.10	0.1186 3.012
	F5009 M5009L	1 Pair	3	1.8890/ 1.8898 47.981/ 48.001	2.1268/ 2.1275 54.021/ 54.039	0.6339 16.10	0.1186 3.012
MB5370AM STD/.25/.5/.75/1.0/1.5 Brazilian aftermarket. Version of MB5009AM with flange length 23.92 mm in all undersizes. GLY:7266M-	M5009U M5009L	4 Pairs	1-2-4-5	1.8890/ 1.8898 47.981/ 48.001	2.1268/ 2.1275 54.021/ 54.039	0.6339 16.10	0.1186 3.012
	F5370 M5009L	1 Pair	3	1.8890/ 1.8898 47.981/ 48.001	2.1268/ 2.1275 54.021/ 54.039	0.6339 16.10	0.1186 3.012
15	R2 V4		1183 cc	80.00 X 58.86	4 cyl	Taunus 12M,Transit 600	
	12M,15M,17M		1498 cc	90.00 X 58.87	4 cyl	Taunus	
	P5S MARATHON V4		1699 cc	90.00 X 66.80	4 cyl	72 Turnier, Taunus 17M, Transit 1300/1500/1750,21	
	17M Closed Deck Engine		1699 cc	90.03 X 66.80	4 cyl	Capri 1700, Taunus	
CR 432SI STD/010/020/030/040/050/060 CLE:CB- 723AL (4) FMO:4-3055CP GLA:B4451SA GLY:71-2185/4- K.S:87 280 600 VAN:VPR91069	C 642	4 Pairs		2.1252/ 2.1260 53.980/ 54.000	2.2370/ 2.2378 56.820/ 56.840	0.6490 16.48	0.0552 1.402
CS 311BB CLE:SH- 590S GLA:C3059S							
MB 332SI STD/010/020/030/040/050/060 FI STD length in all undersizes. FMO:6100M GLY:H 816/3 K.S:87 287 600	M4023U	2 Pairs	1-3	2.2433/ 2.2441 56.980/ 57.000	2.3866/ 2.3874 60.620/ 60.640	0.8500 21.59	0.0710 1.803
	F4023U	1 Pair	2	2.2433/ 0.2441 56.980/ 6.200	2.3866/ 2.3874 60.620/ 60.640	1.0350 26.29	0.0710 1.803
MB 333AM Includes Flanged Bearing Flange length: STD - 26.29mm (FI STD) .010 .020 .030 - 26.54mm (FI oversize .010) .040 .050 .060 - 26.79mm (FI oversize .020) CLE:MS- 798AL GLA:M3350SA VAN:VPM91234A	M4023U	2 Pairs	1-3	2.2433/ 2.2441 56.980/ 57.000	2.3866/ 2.3874 60.620/ 60.640	0.8500 21.59	0.0710 1.803
	F 499	1 Pair	2	2.2433/ 0.2441 56.980/ 6.200	2.3866/ 2.3874 60.620/ 60.640	1.0350 26.29	0.0710 1.803
16	BHDA , BHDB , C9DA , C9DB , C9DC , D18TC , RFA , RFB , RFD , RFK , RFL , RFM , RFN	01.1995-05.2005	1753 cc	80.00 X 82.00	4 cyl	ESCORT, FOCUS, MONDEAO, ORION, P 100, SIERRA	

FORD EUROPE					FORD EUROPE				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
, RFS , RFU , RTN RTP - RTQ - RVA -									
CR4345CA STD/.25/.5/.75/1.0 GLA:B4691LB GLY:71-4151/4 K.S:77 782 600 OEM:YS4Q621144 VAN:VPR92347									
MB5592AM STD/.25/.5/.75/1.0 <i>THE TWO MB OPTIONS FIT ALL ENGINES.</i> GLA:M5486SA GLY:H1105/5 OEM:6192407 VAN:VPM92348A									
MB5636AM <i>THE TWO MB OPTIONS FIT ALL ENGINES.</i> GLY:7367M K.S:77 784 600									
TW 106AM ACL:1T 113 CLE:TW- 113S FMO:2786BF GLA:W2081SA GLY:A180/2 VAN:VPM95A									
17	4.108 Diesel			1760 cc	79.38 X 88.90	4 cyl	Transit		17
CR 456AM STD/010/020/030/040/050/060 CLE:CB- 652AL(4) FMO:4-2580CP GLA:B4325SA GLY:01-4314/4 VAN:VPR723A									
MB 354AM STD/010/020/030/040 CLE:MS-1077AL FMO:5197M GLA:M3349SA GLY:H1138/3 VAN:VPM91213A									
18	R6A L4 108CI /1.8Liter, SOHC/OHC, 8 Valves, Gasoline	01/1987-03/1993		1769 cc	80.00 X 88.00	4 cyl	Sapphire 1.8, L, LX, GL, GLX, Sierra 1.8, L, LX, GL, GLLX,		18
CR4021SI STD/.25/.5 <i>For 1985-86 eng. only.</i> ACL:4B9514 CLE:CB-1380AL(4) FMO:4-1400CP GLA:B4744LC GLY:71-4446/4									
MB5558SI STD/.25/.5/.75/1.0/1.25/1.5 <i>This set includes 1 flanged half with FI STD length 28.73 mm in all undersizes.</i> ACL:5M1706 CLE:MS-1706P FMO:6695M GLA:M5540LC GLY:H1111/5									
19	L1E/F/G/H/J/K/L/N/Q L4 97CI /1.6Liter, Zetec SEFI, DOHC, 16 Valves, Gasoline	01/1989-09/2001		1597 cc	76.00 X 88.00	4 cyl	Escort Flair/Cabrio,Mondeo Fas		19
	MHB L4 102CI /1.7Liter, Zetec-S VCT SFI, DOHC, 16 Valves, Gasoline	03/1997-06/2002		1679 cc	80.00 X 83.50	4 cyl			
	RDB/RQC L4 110CI /1.8Liter, Zetec SEFI, DOHC, 16 Valves, Gasoline	01/1989-01/1997		1796 cc	80.60 X 88.00	4 cyl			
	RDA/RQB L4 110CI /1.8Liter, Zetec SEFI, DOHC, 16 Valves, Gasoline	07/1990-08/2000		1796 cc	80.60 X 88.00	4 cyl			
	RKA/B/C/F/H/J/K L4 110CI /1.8Liter, Zetec-E SEFI, DOHC, 16 Valves, Gasoline	01/1993-11/2000		1796 cc	80.60 X 88.00	4 cyl			









FORD EUROPE				FORD EUROPE			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
EYDB/C/D/F/G/I/J/L/E L4 110CI /1.8Liter, DOHC, 16 Valves, Gasoline	10/1998-03/2005	1796 cc	80.60 X 88.00	4 cyl			
EDBA/B/C/D,EDDC/F,NGA L4 121CI /2.0Liter, Zetec-E SFI, DOHC, 16 Valves, Gasoline	08/1998-03/2005	1988 cc	84.80 X 88.00	4 cyl			
EDDB L4 121CI /2.0Liter, Zetec-E SFI, DOHC, 16 Valves, Gasoline	09/2002-04/2005	1988 cc	84.80 X 88.00	4 cyl			
CR4150SI STD/.25/.5/1.75 ACL:4B4135A CLE:CB-1774P (4) FMO:4-4135RA ~ GLA:B4780 GLY:4-4135RA~ VAN:VPR92662D	C4150	4 Pairs		1.8461/ 1.8469 46.891/ 46.911	1.9642/ 1.9650 49.891/ 49.911	0.7913 20.10	0.0581 1.476
MB5008SI <i>This set includes 1 flanged half with FISTD length 24.70mm in all undersizes.</i> ACL:5M7193A CLE:MS-2208P FMO:7193MA GLA:M5593 GLY:H1086/5 VAN:VPM92771A	M5008U M5008L	4 Pairs	1-2-4-5	2.2827/ 2.2834 57.981/ 57.998	2.4523/ 2.4527 62.288/ 62.299	0.0844 2.14	0.7710 19.583
	F5008 M5008L	1 Pair	3	2.2827/ 2.2834 57.981/ 57.998	2.4523/ 2.4527 62.288/ 62.299	0.0842 2.14	0.9730 24.714
20							20
JCC L4 79CI /1.3Liter, SOHC/OHC, 8 Valves, Gasoline	07/1979-08/1982	1294 cc	79.00 X 66.00	4 cyl			
JCT L4 79CI /1.3Liter, OHV, 8 Valves, Gasoline	08/1982-02/1987	1294 cc	79.00 X 66.00	4 cyl			
LCS/T,LSD L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	08/1982-02/1987	1593 cc	81.30 X 76.72	4 cyl	Ghia, Laser, Sierra		
LSE L4 97CI /1.6Liter, OHC 2V, SOHC/OHC, 8 Valves, Gasoline	01/1987-03/1993	1593 cc	81.30 X 76.72	4 cyl			
LCJ L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	10/1962-07/1982	1594 cc	87.65 X 66.04	4 cyl			
4RB L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	01/1977-04/1987	1594 cc	87.65 X 66.04	4 cyl			
LAT L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	09/1985-09/1992	1594 cc	87.65 X 66.04	4 cyl			
REB L4 110CI /1.8Liter, OHC 2V, SOHC/OHC, 8 Valves, Gasoline	08/1982-02/1987	1796 cc	86.20 X 76.94	4 cyl			
R2A, REC/D/F L4 110CI /1.8Liter, OHC 2V, SOHC/OHC, 8 Valves, Gasoline	04/1985-12/1994	1796 cc	86.20 X 76.94	4 cyl			
NE,NEE/G L4 122CI /2.0Liter, SOHC/OHC, 8 Valves, Gasoline	01/1970-07/1981	1993 cc	90.82 X 76.90	4 cyl			
NEK/P/N/T L4 122CI /2.0Liter, SOHC/OHC, 8 Valves, Gasoline	01/1977-04/1987	1993 cc	90.82 X 76.90	4 cyl			
N4A/I L4 122CI /2.0Liter, OHC EFI, SOHC/OHC, 8 Valves, Gasoline	01/1987-03/1993	1993 cc	90.82 X 76.90	4 cyl			
NEL L4 122CI /2.0Liter, SOHC/OHC, 8 Valves, Gasoline	04/1985-09/1994	1993 cc	90.82 X 76.90	4 cyl			
CR4440AM STD/.25/.5/1.0/1.25/1.5 ACL:4B943P CLE:CB- 943AL (4) FMO:4-3460CP GLA:B4509SA GLY:01-4142/4 NDC:CB-3821 VAN:VPR91349A	C4440	4 Pairs		2.0468/ 2.0472 51.989/ 51.999	2.1653/ 2.1661 54.999/ 55.019	0.7870 19.99	0.0587 1.491
CS 307BB STD FMO:1412M GLA:C3061S GLY:N145/3 VAN:VPC992							
MB 545AM STD/.25/.5/1.0/1.25/1.5 ACL:5M1084P CLE:MS-1084AL FMO:5035M GLA:M5280SA K.S:87 370 600 NDC:MS-3821 VAN:VPM91350A	M 545	5 Pairs		2.2437/ 2.2441 56.990/ 57.000	2.3866/ 2.3874 60.620/ 60.640	0.9350 23.75	0.0710 1.803
TW 214AM ACL:2T 218 CLE:TW- 218S FMO:3461AFA GLA:W2198SA GLY:1644AF VAN:VPW8	W 214D W 214E	2 Pairs		2.5039/ 2.5138 63.599/ 63.851	3.1594/ 3.1693 80.249/ 80.500	0.0000 0.00	0.0921 2.339






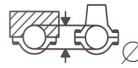


FORD EUROPE				FORD EUROPE				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
21	101/2601E			1663 cc	93.65 X 60.35	4 cyl	Corsair De Luxe, Industrial Engine, Transit 600.850,1100,75,90,100	21
	2602E,2724E V4	3006E,3010E,2604E		1996 cc	93.65 X 72.45	4 cyl	Capri 2000 GT,L,X,R,XL,XLR, Consul 2000L, Corsair 2000,GT,E, Industrial Engine, Transit FT100/115/125/130/150/, Transit FT390,1250,1500,1750, Transit FT75,90,100,115,125, Zephyr 4 Mk IV	
CR 449AM STD/010/020/030/040/050/060 CLE:CB- 782AL(4) GLA:B4457SB VAN:VPR91224		C 449	4 Pairs		2.3761/ 2.3769 60.353/ 60.373	2.5210/ 2.5215 64.033/ 64.046	0.7050 17.91	0.0719 1.826
MB3315AM STD/010/020/030/040/050/060 CLE:MS- 903AL GLA:M3357SB VAN:VPM91225		M3315U M3315L	3 Pairs		2.5010/ 2.5014 63.525/ 63.536	2.6654/ 2.6662 67.701/ 67.721	0.8250 20.96	0.0818 2.078
TW 205AM <i>Under Development</i> CLE:TW- 136S FMO:65361BF GLA:W2152SA GLY:A031/4 VAN:VPM30		W 205D W 205E	2 Pairs		2.7150/ 2.7250 68.961/ 69.215	3.3700/ 3.3800 85.598/ 85.852	0.0000 0.00	0.0930 2.362
22	20M-TS			1998 cc	84.00 X 60.00	6 cyl	Taurus 20M Coupe,V6	22
CR 642SI ACL:6B723 CLE:CB- 723AL(6) FMO:6-3055CP GLA:B6405SA GLY:71-2185/6 K.S:87 280 600 OEM:ZZL2-11-SEO VAN:VPR91201		C 642	6 Pairs		2.1252/ 2.1260 53.980/ 54.000	2.2370/ 2.2378 56.820/ 56.840	0.6490 16.48	0.0552 1.402
CS 410BB ACL:4C654 CLE:SH-1386S DUR:F-31 FMO:1441M GLA:C4072S VAN:VPC94061								
MB 431SI 010/020/030 <i>This set includes 2 flanged halves with FI STD length 26.29 mm in all undersizes.</i> ACL:4M860 CLE:MS-1983P FMO:6101M GLA:M4256SA GLY:H 816/4 K.S:87 277 600~ VAN:VPM91401A		M4023U F4023U	3 Pairs 1 Pair	1-2-4 3	2.2433/ 2.2441 56.980/ 57.000 2.2433/ 2.2441 56.980/ 57.000	2.3866/ 2.3874 60.620/ 60.640 2.3866/ 2.3874 60.620/ 60.640	0.8500 21.59 1.0350 26.29	0.0710 1.803 0.0710 1.803
MB 499AM <i>Same as MB 431AM but with FI oversize length . Flange length: STD - 26.29mm (FI STD) .010 .020 030 - 26.54mm (FI oversize .010) .040 .050 .060 - 26.79mm (FI oversize .020)</i> CLE:MS- 860P FMO:7269M10 GLA:M4219SA VAN:VPM91235A								
23	N7A L4 122CI /2.0Liter, DOHC, 16 Valves, Gasoline		07/1990-08/1998	1998 cc	86.00 X 86.00	4 cyl		23
	N9F L4 122CI /2.0Liter, DOHC, 8 Valves, Gasoline		04/1985-12/1994	1998 cc	86.00 X 86.00	4 cyl		
	N8C L4 122CI /2.0Liter, DOHC, 8 Valves, Gasoline		-	1998 cc	86.00 X 86.00	4 cyl		
	NSD L4 122CI /2.0Liter, DOHC, 8 Valves, Gasoline		03/1995-05/2006	1998 cc	86.00 X 86.00	4 cyl		
CR4134AM STD/.25/.5/.75/1.0 GLA:B4796SA GLY:01-4166/4 OEM:615386888WM6211 VAN:VPR92776A		C4134	4 Pairs		2.0035/ 2.0043 50.889/ 50.909	2.1217/ 2.1224 53.891/ 53.909	0.8150 20.70	0.0584 1.483
MB5241AM STD/.25/.5/.75/1.0 GLA:M5594SA GLY:H1163/5 OEM:615387188WM6333 VAN:VPM92775A		M5241U M5241L	5 Pairs	1-5	2.1646/ 2.1654 54.981/ 55.001	2.3341/ 2.3346 59.286/ 59.299	0.7330 18.62	0.0842 2.139
24	XD88-XDP88 D Diesel			1948 cc	88.00 X 80.00	4 cyl	Granada 1.9D,GL,Turnier	24
	XD/P.TMP90/723 Diesel			2112 cc	90.00 X 83.00	4 cyl	Granada 2.1d,l,gl, Turnier	

FORD EUROPE					FORD EUROPE			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
CR4410AM STD/.3/.5/.8/1.0 ACL:4B2731 CLE:CB- 741AL (4) FMO:4-2870RA GLA:B4433SA GLY:01-4135/4 VAN:VPR882A	C4410	4 Pairs		1.9680/ 1.9685 49.987/ 50.000	2.1140/ 2.1145 53.696/ 53.708	1.1420 29.01	0.0717 1.821	
MB 541AM STD/.3/.5/.8/1.0 <i>3 top half bearing shells with 2 holes at 32 degrees from the centre line and a slot 4.2 wide at the bottom of the grooves. 2 top half bearing shells with one 6mm hole at 35 degrees from the centre line and a slot 3.2 wide at the bottom of the groove. 5 plain bottom half bearing shells.</i> ACL:5M2734 CLE:MS- 931AL FMO:4668M GLA:M5273SA GLY:H 889/5 VAN:VPM91170A	M 541/1U M 541/1L	3 Pairs	1-3-5	2.1651/ 2.1657 54.994/ 55.009	2.3122/ 2.3130 58.730/ 58.750	1.1810 30.00	0.0722 1.834	
	M 541/2U M 541/2L	2 Pairs	2-4	2.1651/ 2.1657 54.994/ 55.009	2.3122/ 2.3130 58.730/ 58.750	0.8660 22.00	0.0722 1.834	
25	SFB L4 152Cl /2.3Liter, 8 Valves, Diesel Turbocharge	04/1985-12/1994	2304 cc	94.00 X 90.00	4 cyl		25	
	STP L4 152Cl /2.3Liter, OHV, 8 Valves, Diesel	08/1977-08/1985	2304 cc	94.00 X 90.00	4 cyl			
	STR L4 152Cl /2.3Liter, OHV, 8 Valves, Diesel	04/1985-12/1994	2304 cc	94.00 X 90.00	4 cyl			
	YTR L4 152Cl /2.3Liter, SOHC/OHC, 8 Valves, Diesel	01/1987-03/1993	2304 cc	94.00 X 83.00	4 cyl	Granada 2.3D,L,GL,Turnier, Scorpio 2.3D,L,GL,LD,GLD,Ghia, Sierra Sapphire 2.3D L,GL		
CR4016AM STD/.3/.5/.8/1.0 CLE:CB-1168AL (4) FMO:4-66690RA GLA:B4615SA GLY:01-4195/4 K.S:77 101 608 VAN:VPR91867	C4016	4 Pairs		2.1651/ 2.1662 54.994/ 55.021	2.3125/ 2.3130 58.738/ 58.750	1.1420 29.01	0.0724 1.839	
MB5551AM STD/.3/.5/.8/1.0 <i>2 top half bearing shells with one 6mm hole at 35 degrees from the centre line and oil groove (4.2 mm wide).</i> <i>3 top half bearing shells with two 6mm holes at 35 degrees from the centre line and oil groove (4.2 mm wide).</i> <i>5 plane bottom half bearing shells.</i> CLE:MS-1542AL FMO:6594M GLA:M5394SA GLY:H1056/5 K.S:77 102 608 VAN:VPM91868A	M5551/1U M5551/1L	3 Pairs	1-3-5	2.3620/ 2.3630 59.995/ 60.020	2.5091/ 2.5098 63.731/ 63.749	1.1810 30.00	0.0722 1.834	
	M5551/2U M5551/2L	2 Pairs	2-4	2.3620/ 2.3630 59.995/ 60.020	2.5091/ 2.5098 63.731/ 63.749	0.9450 24.00	0.0722 1.834	
TW 110AM STD ACL:1T1952 CLE:TW- 327S DAI:T9800A FMO:67341AF GLA:W2287SA GLY:67341AF NDC:TW-1134GP OEM:13331-634-003 OEM:13014-PD1-S10 VAN:VPW95080	W 110	1 Pair		2.2047/ 2.2146 55.999/ 56.251	3.0709/ 3.0807 78.001/ 78.250	0.0000 0.00	0.0984 2.499	
26	4AA L4 144Cl /2.4Liter, OHV, 8 Valves, Diesel	01/1977-10/1986	2358 cc	93.70 X 85.60	4 cyl	Transit FT150/160/175/190/, Transit FT75/80/90/100/115/120	26	
CR4499AM STD/.25/.5/.75/1.0/1.25/1.5 CLE:CB-1198AL (4) FMO:4-66490RA GLA:B4519SA GLY:4-66490RA VAN:VPR91424A	C4499	4 Pairs		2.3614/ 2.3622 59.980/ 60.000	2.5002/ 2.5008 63.505/ 63.520	1.0280 26.11	0.0680 1.727	
CS 505BB GLA:C5059S/L VAN:VPC94001								
MB5515AM STD/.25/.5/.75/1.0/1.25 CLE:MS-1355AL GLA:M5288SA GLY:6537M VAN:VPM91425	M5515/1	3 Pairs	1-2-4	2.7555/ 2.7559 69.990/ 70.000	2.9134/ 2.9138 74.000/ 74.011	0.9090 23.09	0.0780 1.981	
	M5515/3	1 Pair	3	2.7550/ 2.7559 69.977/ 70.000	2.9134/ 2.9138 74.000/ 74.011	1.0670 27.10	0.0780 1.981	
	M5515/5	1 Pair	5	3.0311/ 3.0315 76.990/ 77.000	3.1890/ 3.1894 81.001/ 81.011	0.8700 22.10	0.0780 1.981	
27	D2FE L4 147Cl /2.4Liter, Duratorq DI, DOHC, 16 Valves, Diesel Turbocharge	01/2000-05/2006	2402 cc	89.90 X 94.60	4 cyl	Transit	27	
CR4370CA STD/.25/.5/.75/1.0 GLY:71-4066/4 OEM:2945050	C4370U C4370L	4 Pairs		2.0858/ 2.0866 52.979/ 53.000	2.2046/ 2.2054 55.997/ 56.017	0.9660 24.54	0.0500 1.270	






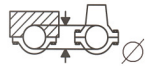


FORD EUROPE					FORD EUROPE			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness	
VAN: VPR04529								
MB5411AM OEM: 2945060 VAN: VPM05058A	M5411/1U	1 Pair		0.0000/ 2.7565 0.000/ 70.015	0.0000/ 2.9339 0.000/ 74.521	0.7750 19.69	0.0880 2.235	
	M5411/1L							
	M5411/2U	3 Halves		0.0000/ 2.5596 0.000/ 65.014	0.0000/ 2.7370 0.000/ 69.520	0.9520 24.18	0.0880 2.235	
	M5411/2L	4 Halves		0.0000/ 2.5596 0.000/ 65.014	0.0000/ 2.7370 0.000/ 69.520	0.9230 23.44	0.0880 2.235	
	F5411	1 Half		2.5571/ 2.5579 64.950/ 64.971	2.7364/ 2.7370 69.505/ 69.520	1.1890 30.20	0.0880 2.235	
28	4AB L4 152CI /2.5Liter, OHV, 8 Valves, Diesel	01/1977-09/1992	2496 cc	93.70 X 90.54	4 cyl		28	
	4DA L4 152CI /2.5Liter, OHV, 8 Valves, Diesel Turbocharge	01/1991-08/1994	2496 cc	93.70 X 90.54	4 cyl			
	4ED L4 152CI /2.5Liter, OHV, 8 Valves, Diesel Turbocharge	06/1994-07/2000	2496 cc	93.70 X 90.54	4 cyl			
	4HB L4 152CI /2.5Liter, OHV, 8 Valves, Diesel	06/1994-12/2000	2496 cc	93.70 X 90.54	4 cyl			
CR4499AM STD/.25/.5/.75/1.0/1.25/1.5 CLE: CB-1198AL (4) FMO: 4-66490RA GLA: B4519SA GLY: 4-66490RA VAN: VPR91424A	C4499	4 Pairs		2.3614/ 2.3622 59.980/ 60.000	2.5002/ 2.5008 63.505/ 63.520	1.0280 26.11	0.0680 1.727	
MB5589AM STD/.25/.5/.75/1.0 CLE: MS-1613AL GLA: M5437SA GLY: 7085M VAN: VPM91990A	M5515/3	1 Pair	3	2.7555/ 2.7559 69.990/ 70.000	2.9134/ 2.9138 74.000/ 74.011	1.0670 27.10	0.0780 1.981	
	M5515/5	1 Pair	5	3.0311/ 3.0315 76.990/ 77.000	3.1890/ 3.1894 81.001/ 81.011	0.8700 22.10	0.0780 1.981	
	M5515/1	3 Pairs	1-2-4	2.7555/ 2.7559 69.990/ 70.000	2.9134/ 2.9138 74.000/ 74.011	0.9090 23.09	0.0780 1.981	
29	4GB L4 152CI /2.5Liter, OHV, 8 Valves, Diesel Turbocharge	01/1991-12/2000	2496 cc	93.65 X 90.54	4 cyl	Transit Turbo	29	
CR4176CP GLA: B4805SD GLY: 4-4680CP VAN: VPR92816D	C4176	4 Pairs		2.3614/ 2.3622 59.980/ 60.000	2.5002/ 2.5008 63.505/ 63.520	1.0236 26.00	0.0684 1.737	
MB5589AM STD/.25/.5/.75/1.0 CLE: MS-1613AL GLA: M5437SA GLY: 7085M VAN: VPM91990A	M5515/3	1 Pair	3	2.7555/ 2.7559 69.990/ 70.000	2.9134/ 2.9138 74.000/ 74.011	1.0670 27.10	0.0780 1.981	
	M5515/5	1 Pair	5	3.0311/ 3.0315 76.990/ 77.000	3.1890/ 3.1894 81.001/ 81.011	0.8700 22.10	0.0780 1.981	
	M5515/1	3 Pairs	1-2-4	2.7555/ 2.7559 69.990/ 70.000	2.9134/ 2.9138 74.000/ 74.011	0.9090 23.09	0.0780 1.981	
TW2014AM GLY: A174/4 VAN: VPM95099A	W2014D W2014E	2 Pairs		3.1004/ 3.1102 78.750/ 78.999	3.7008/ 3.7106 94.000/ 94.249	0.0000 0.00	0.1120 2.845	
30	3.152/A3.152 D Diesel		2500 cc	91.49 X 127.00	3 cyl	Super Dexta Tractor	30	
CR 301AM STD/010/020/030/040/050/060 <i>Thin walled (plain type)</i> CLE: CB- 560AL (3) FMO: 3-2015CPA GLA: B3022SA VAN: VPR863A	C 454	3 Pairs		2.2485/ 2.2490 57.112/ 57.125	2.3950/ 2.3955 60.833/ 60.846	1.1900 30.23	0.0720 1.829	
MB 440AM STD/010/020/030/040/050/060 1957- CLE: MS- 772AL FMO: 4415M GLA: M4165SA GLY: H1026/4 VAN: VPM864A	M 504/1U M 504/1L	1 Pair	1	2.7485/ 2.7490 69.812/ 69.825	2.9165/ 2.9170 74.079/ 74.092	1.2740 32.36	0.0828 2.103	
	M 504/2	2 Pairs	2-3	2.7485/ 2.7490 69.812/ 69.825	2.9165/ 2.9170 74.079/ 74.092	0.9370 23.80	0.0828 2.103	
	M 504/3	1 Pair	4	2.7485/ 2.7490 69.812/ 69.825	2.9165/ 2.9170 74.079/ 74.092	1.5420 39.17	0.0828 2.103	

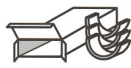




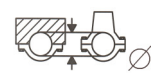


FORD EUROPE				FORD EUROPE				
King Set No.		Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
31	V6		1812 cc	80.00 X 60.10	6 cyl	Taunus 17M-1800S		31
	HF23		2293 cc	90.00 X 60.07	6 cyl	Capri 2300,GT,RS,Ghia, Consul 2300,GT, Cortina 2300 GL/S/Ghia, Granada 2300,L,GL,S,Ghia, Sierra 2300 GL,Ghia, Taunus 2300 GXL/S/Sport/Coupe/, Turiner 2300/L/GLS		
	V6		2551 cc	90.00 X 66.83	6 cyl	2600 Turnier, Capri 2600,RS,GT, Granada 2600,L,GL,GXL,SGLS		
CR 642SI ACL:6B723 CLE:CB- 723AL (6) FMO:6-3055CP GLA:B6405SA GLY:71-2185/6 K.S:87 280 600 OEM:ZZL2-11-SEO VAN:VPR91201		C 642	6 Pairs		2.1252/ 2.1260 53.980/ 54.000	2.2370/ 2.2378 56.820/ 56.840	0.6490 16.48	0.0552 1.402
CS 410BB ACL:4C654 CLE:SH-1386S DUR:F-31 FMO:1441M GLA:C4072S VAN:VPC94061								
MB 431SI _{010/020/030} <i>This set includes 2 flanged halves with FI STD length 26.29 mm in all undersizes.</i> ACL:4M860 CLE:MS-1983P FMO:6101M GLA:M4256SA GLY:H 816/4 K.S:87 277 600- VAN:VPM91401A		M4023U	3 Pairs	1-2-4	2.2433/ 2.2441 56.980/ 57.000	2.3866/ 2.3874 60.620/ 60.640	0.8500 21.59	0.0710 1.803
		F4023U	1 Pair	3	2.2433/ 2.2441 56.980/ 57.000	2.3866/ 2.3874 60.620/ 60.640	1.0350 26.29	0.0710 1.803
MB 435SI _{STD/010/020/030/040} <i>Alternative set fitted from 1974. Requires Thrust washers</i> ACL:4M1657 CLE:MS-1692AL FMO:5065M GLA:M4260SA GLY:H 934/4 VAN:VPM91744		M4023U	4 Pairs		2.2433/ 2.2441 56.980/ 57.000	2.3866/ 2.3874 60.620/ 60.640	0.8500 21.59	0.0710 1.803
MB 499AM <i>Same as MB 431AM but with FI oversize length . Flange length: STD - 26.29mm (FI STD) .010 .020 030 - 26.54mm (FI oversize .010) .040 .050 .060 - 26.79mm (FI oversize .020)</i> CLE:MS- 860P FMO:7269M10 GLA:M4219SA VAN:VPM91235A								
TW 223AM ACL:2T1657 CLE:TW- 325S FMO:3056AF GLA:W2286SA VAN:VPM95037								
32	PRD V6 170CI /2.8Liter, OHV, 12 Valves, Gasoline	08/1977-08/1985	2792 cc	93.01 X 68.50	6 cyl			32
	PRE V6 170CI /2.8Liter, OHV, 12 Valves, Gasoline	04/1985-09/1994	2792 cc	93.01 X 68.50	6 cyl			
	PRT V6 170CI /2.8Liter, OHV, 12 Valves, Gasoline	08/1982-02/1987	2792 cc	93.01 X 68.50	6 cyl			
	PRN V6 170CI /2.8Liter, OHV, 12 Valves, Gasoline	08/1977-04/1987	2792 cc	93.01 X 68.50	6 cyl			
CR 642SI ACL:6B723 CLE:CB- 723AL (6) FMO:6-3055CP GLA:B6405SA GLY:71-2185/6 K.S:87 280 600 OEM:ZZL2-11-SEO VAN:VPR91201		C 642	6 Pairs		2.1252/ 2.1260 53.980/ 54.000	2.2370/ 2.2378 56.820/ 56.840	0.6490 16.48	0.0552 1.402
CS 410BB ACL:4C654 CLE:SH-1386S DUR:F-31 FMO:1441M GLA:C4072S VAN:VPC94061								
MB 435SI _{STD/010/020/030/040} <i>Manufactures recommend that 2.8L V6 crankshafts should not be machined.</i> ACL:4M1657 CLE:MS-1692AL FMO:5065M GLA:M4260SA GLY:H 934/4 VAN:VPM91744		M4023U	4 Pairs		2.2433/ 2.2441 56.980/ 57.000	2.3866/ 2.3874 60.620/ 60.640	0.8500 21.59	0.0710 1.803

FORD EUROPE					FORD EUROPE			
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
TW 223AM ACL: 2T1657 CLE: TW- 325S FMO: 3056AF GLA: W2286SA VAN: VPM95037								
33	AAA L6 170Cl /2.8Liter, DOHC, 12 Valves, Gasoline	05/1995-03/2010	2792 cc	81.00 X 90.30	6 cyl	Galaxy, Galaxy 4x4 2.8 VR6	33	
CR6764AM STD/.25/.5/.75	C6764	6 Pairs		2.1243/ 2.1251 53.957/ 53.978	2.2362/ 2.2370 56.799/ 56.820	0.6693 17.00	0.0554 1.407	
GLE: CB-1824AL(6) FMO: 6-4525P GLY: 01-3841/6 VAN: VPR06029A								
MB7089AM STD/.25/.5/.75	M7089U M7089L	7 Pairs	1-7	2.3606/ 2.3613 59.959/ 59.977	2.5591/ 2.5594 65.001/ 65.009	0.6693 17.00	0.0984 2.499	
GLE: MS-2229AL FMO: 7304M GLY: H 035/7 VAN: VPM07017A								
34	V6 Injection		2933 cc	93.00 X 72.00	6 cyl	Granada 2.9 GL, Ghia, GhaiX, Ghia, Scorpio 2.9 4x4, Sierra 2.9 Efi GLS 4x4, Sierra 2.9 XR 4x4i Ghia/plus	34	
CR 642SI	C 642	6 Pairs		2.1252/ 2.1260 53.980/ 54.000	2.2370/ 2.2378 56.820/ 56.840	0.6490 16.48	0.0552 1.402	
ACL: 6B723 CLE: CB- 723AL(6) FMO: 6-3055CP GLA: B6405SA GLY: 71-2185/6 K.S: 87 280 600 OEM: ZZL2-11-SEO VAN: VPR91201								
MB4015AM Same as MB4023AM but with FI oversize length. Flange length: STD - 26.29mm (FI STD) .010 .020 030 - 26.54mm (FI oversize .010) .040 .050 .060 - 26.79mm (FI oversize .020) CLE: MS-1873P GLA: M4268SA VAN: VPM92314A								
MB4023AM STD/010/020/030/040 SUPERSEDED BY MB4023SI	M4023U M4023L	3 Pairs	1-2-4	2.2433/ 2.2441 56.980/ 57.000	2.3866/ 2.3874 60.620/ 60.640	0.8500 21.59	0.0710 1.803	
	F4023U F4023L	1 Pair	3	2.2433/ 2.2441 56.980/ 57.000	2.3866/ 2.3874 60.620/ 60.640	1.0350 26.29	0.0710 1.803	
35	2603E		2495 cc	93.65 X 60.35	6 cyl	Industrial Engine, Zephyr 6 MK IV	35	
	3012E		2994 cc	93.65 X 72.41	6 cyl	Capri 3000 L/XL/XLR/GT/GXL, Consul 3000 GT, Granada 3000 GXL/LS, Zodiac Mk IV Executive		
CR 646AM STD/010/020/030/040	C 449	6 Pairs		2.3761/ 2.3769 60.353/ 60.373	2.5210/ 2.5215 64.033/ 64.046	0.7050 17.91	0.0719 1.826	
CLE: CB- 782AL(6) GLA: B6420SB NDC: CB-3006 VAN: VPR91246								
MB 420AM STD/020	M3315U M3315L	4 Pairs		2.5010/ 2.5014 63.525/ 63.536	2.6600/ 2.6662 67.564/ 67.721	0.8250 20.96	0.0818 2.078	
CLE: MS- 904AL GLA: M4224SB NDC: MS-3006 VAN: VPM91247								
MB4200AM 030/040 .015" oversize housing of MB 420AM	M3335U M3335L	4 Pairs		2.5010/ 2.5014 63.525/ 63.536	2.6804/ 2.6812 68.082/ 68.102	0.8250 20.96	0.0893 2.268	
GLA: M4224SB O/S VAN: VPM91247 (O/S)								
TW 205AM Under Development	W 205D W 205E	2 Pairs		2.7150/ 2.7250 68.961/ 69.215	3.3700/ 3.3800 85.598/ 85.852	0.0000 0.00	0.0930 2.362	
CLE: TW- 136S FMO: 65361BF GLA: W2152SA GLY: A031/4 VAN: VPM30								
36	32D Diesel		2590 cc	106.70 X 96.52	3 cyl	Dexta Tractor, Series 6Y, 2000, Series 7A,2600,233	36	
	40D Diesel		2870 cc	106.70 X 106.91	3 cyl	Series 6Y,3000, Super Dexta, Series 7A,3600,333		
	32D Diesel		2870 cc	106.70 X 109.97	3 cyl	Series 7A,41000		
	BSD 332 Diesel		3147 cc	111.78 X 106.89	3 cyl	334 Highway Tractor, 3610,3910 Tractors		
	BSD 333H Diesel Direct Injection		3294 cc	111.78 X	3 cyl	4610,4610SU Tractors		

FORD EUROPE				FORD EUROPE			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
BSD 333 Diesel		3294 cc	111.78 X	3 cyl	4110 Tractor		
201 CU. IN. D Diesel		3294 cc	111.78 X 106.89 111.76	3 cyl	Series 6Y, Major 4000 Tractor, Series 7A,4600		
CR 302AM STD/010/020/030/040/060 <i>Plain halves.</i> <i>Locating lug - 3.2 mm from right edge</i> CLE:CB- 757AL (3) FMO:3-3105RA GLA:B3047SA OEM:DFPN6211Bx3 VAN:VPR91179	C4418	3 Pairs		2.7496/ 2.7504 69.840/ 69.860	2.9412/ 2.9420 74.706/ 74.727	1.4100 35.81	0.0945 2.400
MB 419AM STD/010/020/030/040/060 <i>This set includes 2 flanged halves.</i> <i>Flange length:</i> <i>STD .010 .020 030 - 36.96mm (FI STD)</i> <i>.040 .050 .060 - 37.21mm (FI oversize .010)</i> CLE:MS- 865AL FMO:5187M GLA:M4218SA GLY:H1033/4 VAN:VPM91180	M 530U M 530L	3 Pairs	1-3-4	3.3714/ 3.3722 85.634/ 85.654	3.6242/ 3.6250 92.055/ 92.075	1.1100 28.19	0.1251 3.178
	F 530U F 530L	1 Pair	2	3.3714/ 3.3722 85.634/ 85.654	3.6242/ 3.6250 92.055/ 92.075	1.4550 36.96	0.1251 3.178
37	E1ADKN-B	3260 cc	95.00 X 115.00	4 cyl	Major Tractor		37
	592E	3610 cc	100.00 X 115.00	4 cyl	4D Thames Trader, 1.1/2-5 Ton., Power Major, Super Major, Thames 1.1/2-4 Ton, Major		
CR 451AM STD/010/020/030/040/050/060 CLE:CB- 489AL (4) FMO:4-2245RAA GLA:B4250SA OEM:6211 BAA VAN:VPR742	C 451	4 Pairs		2.4997/ 2.5005 63.492/ 63.513	2.6460/ 2.6465 67.208/ 67.221	1.3400 34.04	0.0724 1.839
CR 451CP							
MB 501AM STD/010/020/030/040/050/060/070 CLE:MS- 755AL FMO:4207M/4866M GLA:M5089SA GLY:H1116/5 OEM:528E 6K371A VAN:VPM743	M 501/1	3 Pairs	1-2-4	3.0002/ 3.0010 76.205/ 76.225	3.1665/ 3.1670 80.429/ 80.442	1.0500 26.67	0.0823 2.090
	M 501/2	2 Pairs	3-5	3.0002/ 3.0010 76.205/ 76.225	3.1665/ 3.1670 80.429/ 80.442	1.4250 36.20	0.0823 2.090
MB 501CP							
MB5010AM <i>Under Development</i> <i>.015" oversize housing of MB 501AM</i> CLE:MS-1916AL GLA:M5089SA O/S VAN:VPM91055A	M5010/1	3 Pairs	1-2-3	3.0002/ 3.0010 76.205/ 76.225	3.1815/ 3.1820 80.810/ 80.823	1.0500 26.67	0.0890 2.261
	M5010/2	2 Pairs	3-5	3.0002/ 3.0010 76.205/ 76.225	3.1815/ 3.1820 80.810/ 80.823	1.4250 36.20	0.0890 2.261
TW 232AM CLE:TW- 120S FMO:2248AF GLA:W2082SA GLY:A176/4 OEM:81708116 VAN:VPW20	W 232D W 232E	2 Pairs		3.3150/ 3.3250 84.201/ 84.455	3.8880/ 3.8980 98.755/ 99.009	0.0000 0.00	0.0920 2.337
TW 232CP							
38	2701E,2706E D Diesel Vertical, Inclined	3933 cc	104.78 X 114.80	4 cyl	240, 4D,D Series		38
	DOVER 90 Diesel	4149 cc	107.19 X 114.90	4 cyl	255 cu.in.Cargo Series Tracks, Truck/Tipper 0809		
	2711E/2712E D Diesel	4162 cc	107.19 X 114.80	4 cyl	254, 255/4,254 cu.in., Industrial engine		
CR4419AM STD/010/020/030/040/060 CLE:CB- 783AL (4) FMO:4-6535ORA GLA:B4486SA GLY:01-4332/4 VAN:VPR91186	C6604U C6604L	4 Pairs		2.6242/ 2.6250 66.655/ 66.675	2.7905/ 2.7910 70.879/ 70.891	1.3400 34.04	0.0820 2.083
CS 409BB GLA:C4075S/L GLY:N179/4 VAN:VPC94065							
MB 548AM STD/010/020/030/040/060 CLE:MS-1480AL FMO:6094M GLA:M5282SA GLY:H1128/5 VAN:VPM91187	M 737/1U M 737/1L	3 Pairs	1-2-4	3.0002/ 3.0010 76.205/ 76.225 3.0002/ 3.0010	3.1665/ 3.1670 80.429/ 80.442 3.1665/ 3.1670	1.0500 26.67 1.4250	0.0820 2.083 0.0820

FORD EUROPE					FORD EUROPE			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
	M 737/4U M 737/4L	2 Pairs	3-5	76.205/ 76.225	80.429/ 80.442	36.20	2.083	
MB5480AM .015" oversize housing of MB 548AM GLA:M5282SA O/S VAN:VPM91437	M7370/1U M7370/1L	3 Pairs	1-2-4	3.0002/ 3.0010 76.205/ 76.225	3.1815/ 3.1820 80.810/ 80.823	1.0500 26.67	0.0895 2.273	
	M7370/4U M7370/4L	2 Pairs	3-5	3.0002/ 3.0010 76.205/ 76.225	3.1815/ 3.1820 80.810/ 80.823	1.4250 36.20	0.0895 2.273	
PB 127CP 1969-81 GLA:S4616L								
TW 232AM CLE:TW- 120S FMO:2248AF GLA:W2082SA GLY:A176/4 OEM:81708116 VAN:VPW20	W 232D W 232E	2 Pairs		3.3150/ 3.3250 84.201/ 84.455	3.8880/ 3.8980 98.755/ 99.009	0.0000 0.00	0.0920 2.337	
TW 232CP								
39	256 CU IN D Diesel		3820 cc	106.70 X 106.68	4 cyl	Series 6Y,5000, Super Major, Series 7A,5600	39	
	56G		3820 cc	106.70 X 106.77	4 cyl	Super Major 5000		
	256 CU. IN. D Diesel		4195 cc	111.78 X 106.87	4 cyl	Series 6Y, Major 5000 Tractor, Series 7A,6600,6700		
	BSD 444 Diesel Direct Injection		4392 cc	111.78 X 111.89	4 cyl	6610,6710(excluding		
CR4418AM STD/010/020/030/040/050/060/070/080 Plain halves. Locating lug - 3.2 mm from right edge CLE:CB- 757AL(4) FMO:4-3105RA GLA:B4449SA GLY:01-4114/4 NDC:CB-3008 OEM:DFPN6211Bx4 VAN:VPR91181	C4418	4 Pairs		2.7496/ 2.7504 69.840/ 69.860	2.9412/ 2.9420 74.706/ 74.727	1.4100 35.81	0.0945 2.400	
MB 530AM STD/010/020/030/040/050/060/080 This set includes 2 flanged halves. Flange length: STD .010 .020 030 - 36.96mm (FI STD) .040 .050 .060 - 37.21mm (FI oversize .010) CLE:MS- 866AL FMO:5188M GLA:M5224SA GLY:H1033/5 NDC:MS-3008 VAN:VPM91182	M 530U M 530L	4 Pairs	1-2-4-5	3.3714/ 3.3722 85.634/ 85.654	3.6242/ 3.6250 92.055/ 92.075	1.1100 28.19	0.1251 3.178	
	F 530U F 530L	1 Pair	3	3.3714/ 3.3722 85.634/ 85.654	3.6242/ 3.6250 92.055/ 92.075	1.4550 36.96	0.1251 3.178	
40	256 CU IN D Diesel Turbocharged		4196 cc	111.78 X 106.68	4 cyl	Series 6Y,7000, Series 7A,7600,7700,Dexta	40	
	BSD 444T Diesel Turbocharged 268 cu in		4392 cc	111.78 X 111.89	4 cyl	6610 Tractor(switzerland), 7610,7710 Tractor		
CR4047CP STD/010/020/030/040/050 With 4 mm centre hole & oil groove. Locating lug - 3.2 mm from right edge GLA:B4557LVC VAN:VPR91811	C4047	4 Pairs		2.7496/ 2.7504 69.840/ 69.860	2.9412/ 2.9420 74.706/ 74.727	1.4100 35.81	0.0945 2.400	
MB 530AM STD/010/020/030/040/050/060/080 This set includes 2 flanged halves. Flange length: STD .010 .020 030 - 36.96mm (FI STD) .040 .050 .060 - 37.21mm (FI oversize .010) CLE:MS- 866AL FMO:5188M GLA:M5224SA GLY:H1033/5 NDC:MS-3008 VAN:VPM91182	M 530U M 530L	4 Pairs	1-2-4-5	3.3714/ 3.3722 85.634/ 85.654	3.6242/ 3.6250 92.055/ 92.075	1.1100 28.19	0.1251 3.178	
	F 530U F 530L	1 Pair	3	3.3714/ 3.3722 85.634/ 85.654	3.6242/ 3.6250 92.055/ 92.075	1.4550 36.96	0.1251 3.178	
41	589E		4888 cc	95.00 X 115.00	6 cyl	Thames Trader	41	
	590E		5416 cc	100.00 X 115.00	6 cyl	6d Thames Trader, 4-7 Ton		
CR 654AM STD/010/020/030/040/050/060/070/080 CLE:CB- 489AL(6) FMO:6-2245RAA GLA:B6289SA GLY:01-4312 VAN:VPR744	C 451	6 Pairs		2.4997/ 2.5005 63.492/ 63.513	2.6460/ 2.6465 67.208/ 67.221	1.3400 34.04	0.0724 1.839	

FORD EUROPE				FORD EUROPE			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
CR 654CP							
MB 704AM STD/010/020/030/040 CLE:MS- 756AL FMO:4220M GLA:M7128SA GLY:H1116/7 VAN:VPM745	M 501/1	5 Pairs	1-2-3-5-6	3.0002/ 3.0010 76.205/ 76.225	3.1665/ 3.1670 80.429/ 80.442	1.0500 26.67	0.0823 2.090
	M 501/2	2 Pairs	4-7	3.0002/ 3.0010 76.205/ 76.225	3.1665/ 3.0000 80.429/ 76.200	1.4250 36.20	0.0823 2.090
MB 704CP							
MB7040AM <i>Under Development</i> .015" <i>oversize housing of MB 704AM</i> CLE:MS-1992AL GLA:M7128SA O/S VAN:VPM91056A	M5010/1	5 Pairs	1-2-3-5-6	3.0002/ 3.0010 76.205/ 76.225	3.1815/ 3.1820 80.810/ 80.823	1.0500 26.67	0.0890 2.261
	M5010/2	2 Pairs	7-4	3.0002/ 3.0010 76.205/ 76.225	3.1815/ 3.1820 80.810/ 80.823	1.4250 36.20	0.0890 2.261
TW 232AM CLE:TW- 120S FMO:2248AF GLA:W2082SA GLY:A176/4 OEM:81708116 VAN:VPW20	W 232D	2 Pairs		3.3150/ 3.3250 84.201/ 84.455	3.8880/ 3.8980 98.755/ 99.009	0.0000 0.00	0.0920 2.337
	W 232E						
TW 232CP							
42	2708E,2703E D Diesel Inclined, Vertical		5409 cc	100.00 X 114.80	6 cyl	6D,D Series	
	DOVER 110 Diesel		5947 cc	104.78 X 114.90	6 cyl	360 cu.in.Cargo Series Trucks, Trucks 1111,Truck /Tipper 1311	
	365/6 Diesel Parent Block		5948 cc	104.78 X 114.80	6 cyl	D0610,D0710,D0711,D0810 ,, D1010,D1110,D1210,D1610	
	42						
CR 654AM STD/010/020/030/040/050/060/070/080 1981-85 CLE:CB- 489AL (6) FMO:6-2245RAA GLA:B6289SA GLY:01-4312 VAN:VPR744	C 451	6 Pairs		2.4997/ 2.5005 63.492/ 63.513	2.6460/ 2.6465 67.208/ 67.221	1.3400 34.04	0.0724 1.839
CR 654CP 1981-85							
CR6604AM STD/010/020/030/040/050 1985- CLE:CB- 783AL (6) FMO:6-65350RA GLA:B6473SA GLY:01-4448/6 NDC:CB-3007 VAN:VPR91861	C6604U C6604L	6 Pairs		2.6242/ 2.6250 66.655/ 66.675	2.7905/ 2.7910 70.879/ 70.891	1.3400 34.04	0.0820 2.083
CR6604CP STD/010/020							
CS 601BB GLA:C6005S/L VAN:VPC991							
MB 737AM STD/010/020/030/040/050/060 CLE:MS- 906AL FMO:6576M GLA:M7305SA GLY:H1169/7 VAN:VPM91189	M 737/1U M 737/1L	5 Pairs	1-2-3-5-6	3.0002/ 3.0010 76.205/ 76.225	3.1665/ 3.1670 80.429/ 80.442	1.0500 26.67	0.0820 2.083
	M 737/4U M 737/4L	2 Pairs	4-7	3.0002/ 3.0010 76.205/ 76.225	3.1665/ 3.1670 80.429/ 80.442	1.4250 36.20	0.0820 2.083
MB 737CP STD/010/020							
MB7370AM .015" <i>oversize housing of MB 737AM</i> FMO:7080M GLA:M7305SA O/S VAN:VPM91438	M7370/1U M7370/1L	5 Pairs	1-2-3-5-6	3.0002/ 3.0010 76.205/ 76.225	3.1815/ 3.1820 80.810/ 80.823	1.0500 26.67	0.0895 2.273
	M7370/4U M7370/4L	2 Pairs	4-7	3.0002/ 3.0010 76.205/ 76.225	3.1815/ 3.1820 80.810/ 80.823	1.4250 36.20	0.0895 2.273

FORD EUROPE				FORD EUROPE				
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
MB7370CP .015" oversize housing of MB 737CP								
TW 232AM (TW 232CP) CLE:TW- 120S FMO:2248AF GLA:W2082SA GLY:A176/4 OEM:81708116 VAN:VPW20	W 232D W 232E	2 Pairs		3.3150/ 3.3250 84.201/ 84.455	3.8880/ 3.8980 98.755/ 99.009	0.0000 0.00	0.0920 2.337	
43	2704E,2709E D Diesel Vertical,Inclined	5899 cc	104.78 X 114.80	6 cyl	330, 6D,D,series		43	
	360 CU IN Diesel Turbocharged	5944 cc	104.78 X 114.80	6 cyl	D0915,D1114,D1115,D1314 ,D1315, D2014,DA2014,DT2014,D2 114,			
	DOVER 150 Diesel Turbocharged	5947 cc	104.78 X 114.90	6 cyl	360 cu.in.Cargo Series Trucks, D1314/D1315/D1514/D1515 /D1615, D2115			
	DOVER 130 Diesel	6224 cc	107.19 X 114.90	6 cyl	380cu.in.Cargo Series Trucks, Truck/Tipper 1313/1513,Tractor, Trucks 1113/1613			
	2715E Diesel D Series Parent Block	6227 cc	107.21 X 114.80	6 cyl	8100 Tractor, Industrial Engine			
CR6604AM STD/010/020/030/040/050 1965-81 CLE:CB- 783AL(6) FMO:6-65350RA GLA:B6473SA GLY:01-4448/6 NDC:CB-3007 VAN:VPR91861	C6604U C6604L	6 Pairs		2.6242/ 2.6250 66.655/ 66.675	2.7905/ 2.7910 70.879/ 70.891	1.3400 34.04	0.0820 2.083	
CR6604CP STD/010/020								
CS 601BB 1965-81 GLA:C6005S/L VAN:VPC991								
MB 737AM STD/010/020/030/040/050/060 1965-81 CLE:MS- 906AL FMO:6576M GLA:M7305SA GLY:H1169/7 VAN:VPM91189	M 737/1U M 737/1L	5 Pairs	1-2-3-5- 6	3.0002/ 3.0010 76.205/ 76.225	3.1665/ 3.1670 80.429/ 80.442	1.0500 26.67	0.0820 2.083	
	M 737/4U M 737/4L	2 Pairs	4-7	3.0002/ 3.0010 76.205/ 76.225	3.1665/ 3.1670 80.429/ 80.442	1.4250 36.20	0.0820 2.083	
MB 737CP STD/010/020								
MB7370AM 1965-81 .015" oversize housing of MB 737AM FMO:7080M GLA:M7305SA O/S VAN:VPM91438	M7370/1U M7370/1L	5 Pairs	1-2-3-5- 6	3.0002/ 3.0010 76.205/ 76.225	3.1815/ 3.1820 80.810/ 80.823	1.0500 26.67	0.0895 2.273	
	M7370/4U M7370/4L	2 Pairs	4-7	3.0002/ 3.0010 76.205/ 76.225	3.1815/ 3.1820 80.810/ 80.823	1.4250 36.20	0.0895 2.273	
MB7370CP .015" oversize housing of MB 737CP								
TW 232AM 1965-81 CLE:TW- 120S FMO:2248AF GLA:W2082SA GLY:A176/4 OEM:81708116 VAN:VPW20	W 232D W 232E	2 Pairs		3.3150/ 3.3250 84.201/ 84.455	3.8880/ 3.8980 98.755/ 99.009	0.0000 0.00	0.0920 2.337	
TW 232CP								
44	401 CU IN D Diesel	6571 cc	111.78 X 11.76	6 cyl	Dexta Tractor, Series 6Y, 8000, Series 7A,8600,8700		44	
CR 682AM STD/010/020/030/040	C4418	6 Pairs		2.7496/ 2.7504 69.840/ 69.860	2.9412/ 2.9420 74.706/ 74.727	1.4100 35.81	0.0945 2.400	

FORD EUROPE					FORD EUROPE		
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
Plain halves. Locating lug - 3.2 mm from right edge CLE:CB- 757AL (6) FMO:6-3105RA GLA:B6496SA VAN:VPR92499A							
CR6679AM STD/010/020/030 1990 - Plain halves. Locating lug - 3.2 mm from right edge GLA:B6669SA VAN:VPR92860A	C4131	6 Pairs		2.7496/ 2.7504 69.840/ 69.860	2.9412/ 2.9420 74.706/ 74.727	1.2525 31.81	0.0945 2.400
MB 738AM STD/010/020/030/040 This set includes 2 flanged halves. Flange length: STD .010 .020 030 - 36.96mm (FI STD) .040 .050 .060 - 37.21mm (FI oversize .010) CLE:MS- 977AL FMO:7214M GLA:M7336SA GLY:H1033/7 VAN:VPM91180/549	M 530U M 530L	6 Pairs	1-2-3-5- 6-7	3.3714/ 3.3722 85.634/ 85.654	3.6240/ 3.6250 92.050/ 92.075	1.1100 28.19	0.1251 3.178
	F 530U F 530L	1 Pair	4	3.3714/ 3.3722 85.634/ 85.654	3.6240/ 3.6250 92.050/ 92.075	1.4550 36.96	0.1251 3.178
45	401 CU. IN. D Diesel Turbocharged	6571 cc	111.78 X 111.76	6 cyl	Dexta Tractor, Series 7A,9600,		45
CR6654CP STD/010/020/030/040/050/060 With 4 mm centre hole & oil groove. Locating lug - 3.2 mm from right edge GLA:B6495LC GLY:71-4114 VAN:VPR92498							
MB 738AM STD/010/020/030/040 This set includes 2 flanged halves. Flange length: STD .010 .020 030 - 36.96mm (FI STD) .040 .050 .060 - 37.21mm (FI oversize .010) CLE:MS- 977AL FMO:7214M GLA:M7336SA GLY:H1033/7 VAN:VPM91180/549	M 530U M 530L	6 Pairs	1-2-3-5- 6-7	3.3714/ 3.3722 85.634/ 85.654	3.6240/ 3.6250 92.050/ 92.075	1.1100 28.19	0.1251 3.178
	F 530U F 530L	1 Pair	4	3.3714/ 3.3722 85.634/ 85.654	3.6240/ 3.6250 92.050/ 92.075	1.4550 36.96	0.1251 3.178
46	V8.510/AV8.510 Diesel Direct Injection	8360 cc	107.95 X 114.30	8 cyl	D Series Phase 11		46
CR 812AM STD/010/020/030 CLE:CB-1049AL (8) FMO:8-8000RA GLA:B8087SA							
MB5572AM CLE:MS-1207 FMO:6669M GLA:M5250SA VAN:VPM91535A	M5572/1	3 Pairs	1-3-5	3.9967/ 3.9972 101.516/101.529	4.1850/ 4.1860 106.299/106.324	1.3800 35.05	0.0920 2.337
	M5572/2	2 Pairs	2-4	3.9967/ 3.9972 101.516/101.529	4.1850/ 4.1860 106.299/106.324	1.6300 41.40	0.0920 2.337

Engine Index: FORD PERFORMANCE

Engine-Code	Years	Cyl	CC	Line
Ford Cosworth 2.0L		4	2000	1
121(2.0L) Duratec DOHC 16		4	2088	2
281 (4.6L) SOHC 16 valve Triton	1997-	8	4600	3
281 (4.6L) SOHC 16 valve Triton	1997-	8	4600	3
281 (4.6L) SOHC 16 valve	1993-	8	4600	3
281 (4.6L) SOHC 16 valve	1996	8	4600	3
281 (4.6L) SOHC 16 valve	1996-	8	4600	3
281 (4.6L) SOHC 16 valve	1991-	8	4600	4
281 (4.6L) SOHC 16 valve	1996-	8	4600	4
281 (4.6L) SOHC 24 valve Vin H	2005-10	8	4600	5
281 (4.6L) SOHC 24 valve Vin 8	2006-10	8	4600	5
281 (4.6L) SOHC 24 valve Triton	2009-10	8	4600	5
281 (4.6L) DOHC 32 valve In-	1993-	8	4600	5
281 (4.6L) DOHC 32 valve In-	2003-05	8	4600	5

Engine-Code	Years	Cyl	CC	Line
281 (4.6L) DOHC 32 valve Vin V	1996-	8	4600	5
281 (4.6L) DOHC 32 valve Vin R	2003-04	8	4600	5
281 (4.6L) DOHC 32 valve Super	2003-04	8	4600	5
281 (4.6L) SOHC 16 valve Vin V	2006-10	8	4600	6
281 (4.6L) SOHC 16 valve Triton	1997-	8	4600	7
289 (4.7L)		8	4726	8
302 (5.0L)		8	4940	8
302 (5.0L) DOHC 32 valve 99F	2011	8	5000	9
330 (5.4L) DOHC 32 valve	2005-09	8	5400	9
330 (5.4L) SOHC 16 valve Triton	1997-	8	5400	10
330 (5.4L) SOHC 16 valve Triton	1998-	8	5400	10
330 (5.4L) SOHC 16 valve Super	1999-	8	5400	10
330 (5.4L) SOHC 24 valve Triton	2004-10	8	5400	10
330 (5.4L) SOHC 24 valve Triton	2006-10	8	5400	10






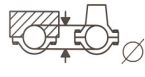


Engine-Code	Years	Cyl	CC	Line
330 (5.4L) DOHC 32 valve In-	1999-	8	5400	10
330 (5.4L) DOHC 32 valve In-	2001-04	8	5400	10
351C (5.8L)		8	5763	11
351M (5.8L)	1977-82	8	5800	13
351W (5.8L)		8	5800	12

Engine-Code	Years	Cyl	CC	Line
400 (6.6L)	1977-82	8	6600	13
429 (7.0L)		8	7023	14
460 (7.5L)		8	7532	14

Car Model Index: FORD PERFORMANCE

Model	Engine	Years	Cyl	CC	Line

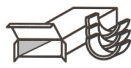




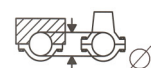


FORD PERFORMANCE					FORD PERFORMANCE				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
1	Ford Cosworth 2.0L		2000 cc	81.00 X 76.20	4 cyl				1
MB5672XP ^{STD/.25/.5/STD} ACL: 5M2167H	M5672U-PR M5672L-PR	5 Pairs	1-5	2.2437/ 2.2441 56.990/ 57.000	2.3866/ 2.3874 60.620/ 60.640	0.9350 23.75	0.0710 1.803		
2	121 (2.0L) Duratec DOHC 16 valve		2088 cc	87.50 X 83.00	4 cyl				2
CR4515XP ^{STD/.25/STD} <i>Under Development</i> ACL: 4B4390H	C4515-PR	4 Pairs		1.8496/ 1.8504 46.980/ 47.000	1.9695/ 1.9703 50.025/ 50.046	0.6400 16.26	0.0592 1.504		
3	281 (4.6L) SOHC 16 valve Triton Windsor Vin 6 281 SOHC 16 Val-1997-2010 281 SOHC 16 Val-1993-2010 281 SOHC 16 Val-1996 281 SOHC 16 Val-1996-2004	1997-2003	4600 cc	3.55 X 3.54	8 cyl				3
	281 (4.6L) SOHC 16 valve Triton Windsor Vin W	1997-2010	4600 cc	3.55 X 3.54	8 cyl				
	281 (4.6L) SOHC 16 valve Windsor Vin W	1993-2010	4600 cc	3.55 X 3.54	8 cyl				
	281 (4.6L) SOHC 16 valve Windsor Vin 6	1996	4600 cc	3.55 X 3.54	8 cyl				
	281 (4.6L) SOHC 16 valve Windsor Vin X	1996-2004	4600 cc	3.55 X 3.54	8 cyl				
CR 868HPN <i>w/o dowel hole</i> ACL: 1B1442H~ FMO: 8-7250CH~ CLE: CB-1442H~	C 868N/1 C 868N/2	8 Pairs		2.0859/ 2.0867 52.982/ 53.002	2.2388/ 2.2396 56.866/ 56.886	0.8270 21.01	0.0759 1.928		
CR 868XPN <i>w/o dowel hole</i> ACL: 1B1442H FMO: 8-7250CH CLE: CB-1442H	C 868N/1 C 868N/2	8 Pairs		2.0859/ 2.0867 52.982/ 53.002	2.2388/ 2.2396 56.866/ 56.886	0.8270 21.01	0.0759 1.928		
CS 604BB DUR: FA-3									
MB5280HP ^{STD/.25/.5} <i>Set includes Thrust Washers</i> ACL: 5M7296H FMO: 153M	M5280/1UP R M5280/1LP R M5280/2PR M5280/1LP R W5280D	1 Pair 4 Pairs 1 Pair 1 Half	1 2-5 5 5	2.6568/ 2.6576 67.483/ 67.503 2.6568/ 2.6576 67.483/ 67.503 0.0000/ 0.0000 0.000/ 0.000 0.0000/ 0.0000 0.000/ 0.000	2.8505/ 2.8512 72.403/ 72.420 2.8505/ 2.8512 72.403/ 72.420 0.0000/ 0.0000 0.000/ 0.000 0.0000/ 0.0000 0.000/ 0.000	0.7480 19.00 0.7795 19.80 0.0000 0.00 0.0000 0.00	0.0962 2.443 0.0962 2.443 0.1151 2.924 0.1151 2.924		

FORD PERFORMANCE				FORD PERFORMANCE			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
	W5280E						
MB5280XP ^{STD/.25/.5} <i>Set includes Thrust Washers</i>	M5280/1UP R	1 Pair	1	2.6568/ 2.6576 67.483/ 67.503	2.8505/ 2.8512 72.403/ 72.420	0.7480 19.00	0.0962 2.443
	M5280/1LP R	4 Pairs	2-5	2.6568/ 2.6576 67.483/ 67.503	2.8505/ 2.8512 72.403/ 72.420	0.7795 19.80	0.0962 2.443
	M5280/2PR M5280/1LP R	1 Pair	5	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.1151 2.924
	W5280D	1 Half	5	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.1151 2.924
	W5280E						
4	281 (4.6L) SOHC 16 valve Romeo w/ Cast Iron Block Vin W 281 SOHC 16 Val-1996-2004 281 SOHC 16 Val-1997-2010	1991-2008	4600 cc	3.55 X 3.54	8 cyl		4
	281 (4.6L) SOHC 16 valve Romeo w/ Cast Iron Block Vin X	1996-2004	4600 cc	3.55 X 3.54	8 cyl		
CR 868HPN <i>w/o dowel hole</i> ACL:1B1442H~ FMO:8-7250CH~ CLE:CB-1442H~	C 868N/1 C 868N/2	8 Pairs		2.0859/ 2.0867 52.982/ 53.002	2.2388/ 2.2396 56.866/ 56.886	0.8270 21.01	0.0759 1.928
CR 868XPN <i>w/o dowel hole</i> ACL:1B1442H FMO:8-7250CH CLE:CB-1442H	C 868N/1 C 868N/2	8 Pairs		2.0859/ 2.0867 52.982/ 53.002	2.2388/ 2.2396 56.866/ 56.886	0.8270 21.01	0.0759 1.928
CS 604BB DUR:FA-3							
MB5353HP ^{STD/.25/.5} <i>Under Development</i> <i>Set includes Thrust Washers</i> FMO:148M	M5353U/PR M5353L/PR	4 Pairs	1-4	2.6567/ 2.6577 67.480/ 67.506	2.8504/ 2.8513 72.400/ 72.423	0.7580 19.25	0.0962 2.443
	M5353U/PR F5353/PR	1 Pair	5	2.6567/ 2.6577 67.480/ 67.506	2.8504/ 2.8513 72.400/ 72.423	0.8900 22.61	0.0962 2.443
	W5281	1 Half	5	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.1151 2.92	0.0000 0.000
MB5353XP ^{STD/.25/.5} <i>Set includes Thrust Washers</i> CLE:MS-2007P FMO:148M	M5353U/PR M5353L/PR	4 Pairs	1-4	2.6567/ 2.6577 67.480/ 67.506	2.8504/ 2.8513 72.400/ 72.423	0.7580 19.25	0.0962 2.443
	M5353U/PR F5353/PR	1 Pair	5	2.6567/ 2.6577 67.480/ 67.506	2.8504/ 2.8513 72.400/ 72.423	0.8900 22.61	0.0962 2.443
	W5281	1 Half	5	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.1151 2.92	0.0000 0.000
5	281 (4.6L) SOHC 24 valve Vin H 281 SOHC 24 Val-2006-10 281 SOHC 24 Val-2009-10 281 DOHC 32 Val-1993-2004 281 DOHC 32 Val-2003-05 281 DOHC 32 Val-1996-2001 281 DOHC 32 Val-2003-04 281 DOHC 32 Val-2003-04	2005-10	4600 cc	3.55 X 3.54	8 cyl		5
	281 (4.6L) SOHC 24 valve Vin 8	2006-10	4600 cc	3.55 X 3.54	8 cyl		
	281 (4.6L) SOHC 24 valve Triton Vin 8	2009-10	4600 cc	3.55 X 3.54	8 cyl		
	281 (4.6L) DOHC 32 valve In-Tech	1993-2004	4600 cc	3.55 X 3.54	8 cyl		

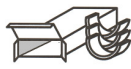




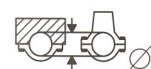


FORD PERFORMANCE				FORD PERFORMANCE				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
Vin V	281 (4.6L) DOHC 32 valve In-Tech	2003-05	4600 cc	3.55 X 3.54	8 cyl			
Vin H	281 (4.6L) DOHC 32 valve Vin V	1996-2001	4600 cc	3.55 X 3.54	8 cyl			
	281 (4.6L) DOHC 32 valve Vin R	2003-04	4600 cc	3.55 X 3.54	8 cyl			
	281 (4.6L) DOHC 32 valve Super Charged Vin Y	2003-04	4600 cc	3.55 X 3.54	8 cyl			
CR 868HPN <i>w/o dowel hole</i> ACL: 1B1442H~ FMO: 8-7250CH~ CLE: CB-1442H~	C 868N/1 C 868N/2	8 Pairs		2.0859/ 2.0867 52.982/ 53.002	2.2388/ 2.2396 56.866/ 56.886	0.8270 21.01	0.0759 1.928	
CR 868XPN <i>w/o dowel hole</i> ACL: 1B1442H FMO: 8-7250CH CLE: CB-1442H	C 868N/1 C 868N/2	8 Pairs		2.0859/ 2.0867 52.982/ 53.002	2.2388/ 2.2396 56.866/ 56.886	0.8270 21.01	0.0759 1.928	
CS 605BB <i>years 93-96</i>								
CS 606BB <i>years 96-10</i>								
MB5283HP <i>Set includes Thrust Washers . FI STD length in all undersizes</i> FMO: 149M	M5283U M5283L	4 Pairs	1-4	2.6578/ 2.6598 67.508/ 67.559	2.8505/ 2.8512 72.403/ 72.420	0.0000 0.00	0.0000 0.000	
	M5283U F5283	1 Pair	5	2.6578/ 2.6598 67.508/ 67.559	2.8505/ 2.8512 72.403/ 72.420	0.0000 0.00	0.0000 0.000	
	W5281	1 Half	5	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.0000 0.000	
MB5283XP <i>Set includes Thrust Washers . FI STD length in all undersizes</i> CLE: MS-2259H	M5283U/PR	5 Halves	1-5	2.6578/ 2.6598 67.508/ 67.559	2.8505/ 2.8512 72.403/ 72.420	0.0000 0.00	0.0000 0.000	
	M5283L/PR	4 Halves	1-4	2.6578/ 2.6598 67.508/ 67.559	2.8505/ 2.8512 72.403/ 72.420	0.0000 0.00	0.0000 0.000	
	W5281	1 Half	5	2.6578/ 2.6598 67.508/ 67.559	2.8505/ 2.8512 72.403/ 72.420	0.0000 0.00	0.0000 0.000	
	F5283/PR	1 Half	5	2.6578/ 2.6598 67.508/ 67.559	2.8505/ 0.8512 72.403/ 21.620	0.0000 0.00	0.0000 0.000	
6	281 (4.6L) SOHC 16 valve Vin V	2006-10	4600 cc	3.55 X 3.54	8 cyl		6	
CR 868HPN <i>w/o dowel hole</i> ACL: 1B1442H~ FMO: 8-7250CH~ CLE: CB-1442H~	C 868N/1 C 868N/2	8 Pairs		2.0859/ 2.0867 52.982/ 53.002	2.2388/ 2.2396 56.866/ 56.886	0.8270 21.01	0.0759 1.928	
CR 868XPN <i>w/o dowel hole</i> ACL: 1B1442H FMO: 8-7250CH CLE: CB-1442H	C 868N/1 C 868N/2	8 Pairs		2.0859/ 2.0867 52.982/ 53.002	2.2388/ 2.2396 56.866/ 56.886	0.8270 21.01	0.0759 1.928	
CS 604BB DUR: FA-3								
MB5353HP ^{STD/.25/.5} <i>Under Development</i> <i>Set includes Thrust Washers</i> FMO: 148M	M5353U/PR M5353L/PR	4 Pairs	1-4	2.6567/ 2.6577 67.480/ 67.506	2.8504/ 2.8513 72.400/ 72.423	0.7580 19.25	0.0962 2.443	
	M5353U/PR F5353/PR	1 Pair	5	2.6567/ 2.6577 67.480/ 67.506	2.8504/ 2.8513 72.400/ 72.423	0.8900 22.61	0.0962 2.443	
	W5281	1 Half	5	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.1151 2.92	0.0000 0.000	
MB5353XP ^{STD/.25/.5} <i>Set includes Thrust Washers</i> CLE: MS-2007P FMO: 148M	M5353U/PR M5353L/PR	4 Pairs	1-4	2.6567/ 2.6577 67.480/ 67.506	2.8504/ 2.8513 72.400/ 72.423	0.7580 19.25	0.0962 2.443	
	M5353U/PR	1 Pair	5	2.6567/ 2.6577	2.8504/ 2.8513	0.8900	0.0962	

CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

FORD PERFORMANCE					FORD PERFORMANCE			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
	F5353/PR W5281	1 Half	5	67.480/ 67.506 0.0000/ 0.0000 0.000/ 0.000	72.400/ 72.423 0.0000/ 0.0000 0.000/ 0.000	22.61 0.1151 2.92	2.443 0.0000 0.000	
7	281 (4.6L) SOHC 16 valve Triton Romeo w/ Aluminum Block Vin W	1997-2010	4600 cc	3.55 X 3.54	8 cyl		7	
CR 868HPN <i>w/o dowel hole</i> ACL:1B1442H~ FMO:8-7250CH~ CLE:CB-1442H~	C 868N/1 C 868N/2	8 Pairs		2.0859/ 2.0867 52.982/ 53.002	2.2388/ 2.2396 56.866/ 56.886	0.8270 21.01	0.0759 1.928	
CR 868XPN <i>w/o dowel hole</i> ACL:1B1442H FMO:8-7250CH CLE:CB-1442H	C 868N/1 C 868N/2	8 Pairs		2.0859/ 2.0867 52.982/ 53.002	2.2388/ 2.2396 56.866/ 56.886	0.8270 21.01	0.0759 1.928	
CS 604BB DUR:FA-3								
MB5283HP <i>Set includes Thrust Washers . FI STD length in all undersizes</i> FMO:149M	M5283U M5283L	4 Pairs	1-4	2.6578/ 2.6598 67.508/ 67.559	2.8505/ 2.8512 72.403/ 72.420	0.0000 0.00	0.0000 0.000	
	M5283U F5283	1 Pair	5	2.6578/ 2.6598 67.508/ 67.559	2.8505/ 2.8512 72.403/ 72.420	0.0000 0.00	0.0000 0.000	
	W5281	1 Half	5	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.0000 0.000	
MB5283XP <i>Set includes Thrust Washers . FI STD length in all undersizes</i> CLE:MS-2259H	M5283U/PR	5 Halves	1-5	2.6578/ 2.6598 67.508/ 67.559	2.8505/ 2.8512 72.403/ 72.420	0.0000 0.00	0.0000 0.000	
	M5283L/PR	4 Halves	1-4	2.6578/ 2.6598 67.508/ 67.559	2.8505/ 2.8512 72.403/ 72.420	0.0000 0.00	0.0000 0.000	
	W5281	1 Half	5	2.6578/ 2.6598 67.508/ 67.559	2.8505/ 2.8512 72.403/ 72.420	0.0000 0.00	0.0000 0.000	
	F5283/PR	1 Half	5	2.6578/ 2.6598 67.508/ 67.559	2.8505/ 0.8512 72.403/ 21.620	0.0000 0.00	0.0000 0.000	
8	289 (4.7L)		4726 cc	4.00 X 2.87	8 cyl		8	
	302 (5.0L)		4940 cc	4.00 X 3.00	8 cyl			
CR 804HPN <i>w/o dowel hole</i> ACL:1B634H~ FMO:8-7160CH CLE:CB-634H~	C 804U/N C 804L/N	8 Pairs		2.1228/ 2.1236 53.919/ 53.939	2.2390/ 2.2398 56.871/ 56.891	0.6810 17.30	0.0575 1.461	
CR 804XPN <i>w/o dowel hole</i> ACL:1B634H CLE:CB-634H	C 804U/N C 804L/N	8 Pairs		2.1228/ 2.1236 53.919/ 53.939	2.2390/ 2.2398 56.871/ 56.891	0.6810 17.30	0.0575 1.461	
CR 855HP ^{STD/001/010/011/020/010X/STDX} <i>w/ dowel hole</i> ACL:1B634HD(8) CLE:CB-634HD(8)	C 854U C 855L	8 Pairs		2.1228/ 2.1236 53.919/ 53.939	2.2390/ 2.2398 56.871/ 56.891	0.7230 18.36	0.0575 1.461	
CS 514HP <i>High Performance</i> CLE:SH-1321S DUR:FP-18	S 514/1	1	1	2.0805/ 2.0815 52.845/ 52.870	2.2030/ 2.2050 55.956/ 56.007	0.6600 16.76	0.0602 1.529	
	S 514/2	1	2	2.0655/ 2.0665 52.464/ 52.489	2.1880/ 2.1900 55.575/ 55.626	0.6600 16.76	0.0602 1.529	
	S 514/3	1	3	2.0505/ 2.0515 52.083/ 52.108	2.1730/ 2.1750 55.194/ 55.245	0.6600 16.76	0.0602 1.529	
	S 514/4	1	4	2.0355/ 2.0365 51.702/ 51.727	2.1580/ 2.1600 54.813/ 54.864	0.6600 16.76	0.0602 1.529	
	S 514/5	1	5	2.0205/ 2.0215 51.321/ 51.346	2.1430/ 2.1450 54.432/ 54.483	0.6600 16.76	0.0602 1.529	
CS 514HPT <i>High Performance Coated</i> DUR:FP-18T								

FORD PERFORMANCE					FORD PERFORMANCE				
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness		
MB 529HP STD/001/009/010/010/011/020/020/021 ACL: 5M590H~ CLE: MS-590H~ FMO: 129M~	M 529U/PR M 529L/PRH	4 Pairs	1-2-4-5	2.2482/ 2.2490 57.104/ 57.125	2.4412/ 2.4420 62.006/ 62.027	0.8900 22.61	0.0957 2.431		
	F 529U/PR F 529L/PRH	1 Pair	3	2.2482/ 2.2490 57.104/ 57.125	2.4412/ 2.4420 62.006/ 62.027	1.1330 28.78	0.0957 2.431		
MB 529XP STD/010 ACL: 5M590H CLE: MS-590H FMO: 129M	M 529U/PR M 529L/PR	4 Pairs	1-2-4-5	2.2482/ 2.2490 57.104/ 57.125	2.4412/ 2.4420 62.006/ 62.027	0.8900 22.61	0.0957 2.431		
	F 529U/PR F 529L/PR	1 Pair	3	2.2482/ 2.2490 57.104/ 57.125	2.4412/ 2.4420 62.006/ 62.027	1.1330 28.78	0.0957 2.431		
9	302 (5.0L) DOHC 32 valve 99F	2011	5000 cc	3.63 X 3.65	8 cyl		9		
	330 (5.4L) DOHC 32 valve Windsor Super Charged Vin S	2005-09	5400 cc	3.55 X 4.16	8 cyl				
CR 868HPN w/o dowel hole ACL: 1B1442H~ CLE: CB-1442H~ FMO: 8-7250CH~	C 868N/1 C 868N/2	8 Pairs		2.0859/ 2.0867 52.982/ 53.002	2.2388/ 2.2396 56.866/ 56.886	0.8270 21.01	0.0759 1.928		
	C 868N/1 C 868N/2	8 Pairs		2.0859/ 2.0867 52.982/ 53.002	2.2388/ 2.2396 56.866/ 56.886	0.8270 21.01	0.0759 1.928		
10	330 (5.4L) SOHC 16 valve Triton Windsor Viin L	1997-2010	5400 cc	3.55 X 4.16	8 cyl		10		
	330 (5.4L) SOHC 16 valve Triton Windsor Vin Z	1998-2004	5400 cc	3.55 X 4.16	8 cyl				
	330 (5.4L) SOHC 16 valve Super Charged Triton Windsor Vin 3	1999-2004	5400 cc	3.55 X 4.16	8 cyl				
	330 (5.4L) SOHC 24 valve Triton Windsor Vin 5	2004-10	5400 cc	3.55 X 4.16	8 cyl				
	330 (5.4L) SOHC 24 valve Triton Windsor Vin V	2006-10	5400 cc	3.55 X 4.16	8 cyl				
	330 (5.4L) DOHC 32 valve In-Tech Vin A	1999-2002	5400 cc	3.55 X 4.16	8 cyl				
	330 (5.4L) DOHC 32 valve In-Tech Vin R	2001-04	5400 cc	3.55 X 4.16	8 cyl				
	CR 868HPN w/o dowel hole ACL: 1B1442H~ CLE: CB-1442H~ FMO: 8-7250CH~	C 868N/1 C 868N/2	8 Pairs		2.0859/ 2.0867 52.982/ 53.002	2.2388/ 2.2396 56.866/ 56.886		0.8270 21.01	0.0759 1.928
CR 868XPN w/o dowel hole ACL: 1B1442H CLE: CB-1442H FMO: 8-7250CH	C 868N/1 C 868N/2	8 Pairs		2.0859/ 2.0867 52.982/ 53.002	2.2388/ 2.2396 56.866/ 56.886	0.8270 21.01	0.0759 1.928		
MB5280HP STD/.25/.5 Set includes Thrust Washers ACL: 5M7296H FMO: 153M	M5280/1UP R	1 Pair	1	2.6568/ 2.6576 67.483/ 67.503	2.8505/ 2.8512 72.403/ 72.420	0.7480 19.00	0.0962 2.443		
	M5280/1LP R	4 Pairs	2-5	2.6568/ 2.6576 67.483/ 67.503	2.8505/ 2.8512 72.403/ 72.420	0.7795 19.80	0.0962 2.443		
	M5280/2PR M5280/1LP R	1 Pair	5	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.1151 2.924		
	W5280D	1 Half	5	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.1151 2.924		
	W5280E								
MB5280XP STD/.25/.5 Set includes Thrust Washers	M5280/1UP R	1 Pair	1	2.6568/ 2.6576 67.483/ 67.503	2.8505/ 2.8512 72.403/ 72.420	0.7480 19.00	0.0962 2.443		
	M5280/1LP R	4 Pairs	2-5	2.6568/ 2.6576 67.483/ 67.503	2.8505/ 2.8512 72.403/ 72.420	0.7795 19.80	0.0962 2.443		

FORD PERFORMANCE				FORD PERFORMANCE			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
	M5280/2PR M5280/1LP R	1 Pair	5	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.1151 2.924
	W5280D	1 Half	5	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.1151 2.924
	W5280E						
11	351C (5.8L)		5763 cc	4.00 X 3.50	8 cyl		11
CS 516HP <i>High Performance</i> DUR:FP-26							
	MB5503XP STD/001/010/010/011/020 ACL:5M1010H CLE:MS-1010H FMO:146M	4 Pairs	1-2-4-5	2.7484/ 2.7492 69.809/ 69.830	2.9417/ 2.9425 74.719/ 74.740	0.8800 22.35	0.0961 2.441
	F5503U/PR F5503L/PR	1 Pair	3	2.7484/ 2.7492 69.809/ 69.830	2.9417/ 2.9425 74.719/ 74.740	1.1180 28.40	0.0962 2.443
12	351W (5.8L)		5800 cc	4.00 X 3.50	8 cyl		12
CR 814XPN <i>w/o dowel hole</i> CLE:CB-831HN FMO:8-7155CH							
	C 814U/N C 814L/N	8 Pairs		2.3103/ 2.3111 58.682/ 58.702	2.4265/ 2.4273 61.633/ 61.653	0.6760 17.17	0.0576 1.463
CS 514HP <i>High Performance</i> CLE:SH-1321S DUR:FP-18							
	S 514/1	1	1	2.0805/ 2.0815 52.845/ 52.870	2.2030/ 2.2050 55.956/ 56.007	0.6600 16.76	0.0602 1.529
	S 514/2	1	2	2.0655/ 2.0665 52.464/ 52.489	2.1880/ 2.1900 55.575/ 55.626	0.6600 16.76	0.0602 1.529
	S 514/3	1	3	2.0505/ 2.0515 52.083/ 52.108	2.1730/ 2.1750 55.194/ 55.245	0.6600 16.76	0.0602 1.529
	S 514/4	1	4	2.0355/ 2.0365 51.702/ 51.727	2.1580/ 2.1600 54.813/ 54.864	0.6600 16.76	0.0602 1.529
	S 514/5	1	5	2.0205/ 2.0215 51.321/ 51.346	2.1430/ 2.1450 54.432/ 54.483	0.6600 16.76	0.0602 1.529
CS 514HPT <i>High Performance Coated</i> DUR:FP-18T							
	MB5505XP From 1977 ACL:5M1432H CLE:MS-1432H FMO:130M	4 Pairs	1-2-4-5	2.9994/ 3.0002 76.185/ 76.205	3.1922/ 3.1930 81.082/ 81.102	0.8400 21.34	0.0960 2.438
	F5504/PR	1 Pair	3	2.9994/ 3.0002 76.185/ 76.205	3.1922/ 3.1930 81.082/ 81.102	1.1330 28.78	0.0960 2.438
13	351M (5.8L)	1977-82	5800 cc	4.00 X 3.50	8 cyl		13
	400 (6.6L)	1977-82	6600 cc	4.00 X 4.00	8 cyl		
CS 516HP <i>High Performance</i> DUR:FP-26							
	MB5505XP From 1977 ACL:5M1432H CLE:MS-1432H FMO:130M	4 Pairs	1-2-4-5	2.9994/ 3.0002 76.185/ 76.205	3.1922/ 3.1930 81.082/ 81.102	0.8400 21.34	0.0960 2.438
	F5504/PR	1 Pair	3	2.9994/ 3.0002 76.185/ 76.205	3.1922/ 3.1930 81.082/ 81.102	1.1330 28.78	0.0960 2.438
14	429 (7.0L)		7023 cc	4.36 X 3.59	8 cyl		14
	460 (7.5L)		7532 cc	4.36 X 3.85	8 cyl		
CR 874HP STD/001/010/011/020/030/010X/STD <i>w/o dowel hole</i> ACL:1B818H(8) CLE:CB-818H FMO:8-7185CH							
	C 874U C 874L	8 Pairs		2.4992/ 2.5000 63.480/ 63.500	2.6522/ 2.6530 67.366/ 67.386	0.8660 22.00	0.0761 1.933

FORD PERFORMANCE				FORD PERFORMANCE				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
								
CS 517HP <i>High Performance</i> DUR:FP-30	S 517	5	1-2-3-4-5	2.1238/ 2.1248 53.945/ 53.970	2.2495/ 2.2505 57.137/ 57.163	0.5850 14.86	0.0620 1.575	
CS 517HPT <i>High Performance Coated</i> DUR:FP-30T	S 517	5	1-2-3-4-5	2.1238/ 2.1248 53.945/ 53.970	2.2495/ 2.2505 57.137/ 57.163	0.5850 14.86	0.0620 1.575	
MB5650HP STD/001/010/010/011/020 ACL:5M1039H CLE:MS-1039V~ FMO:134M	M5650U/PR M5650L/PR	4 Pairs	1-2-4-5	2.9994/ 3.0002 76.185/ 76.205	3.1922/ 3.1930 81.082/ 81.102	0.9500 24.13	0.0957 2.431	
	F5650U/PR F5650L/PR	1 Pair	3	2.9994/ 3.0002 76.185/ 76.205	3.1922/ 3.1930 81.082/ 81.102	1.1200 28.45	0.0957 2.431	
MB5650XP STD/001/010/010/011/020 CLE:MS-1039V	M5650U/PR M5650L/PR	4 Pairs	1-2-4-5	2.9994/ 3.0002 76.185/ 76.205	3.1922/ 3.1930 81.082/ 81.102	0.9500 24.13	0.0958 2.433	
	F5650U/PR F5650L/PR	1 Pair	3	2.9994/ 3.0002 76.185/ 76.205	3.1922/ 3.1930 81.082/ 81.102	1.1200 28.45	0.0958 2.433	

Engine Index: FORD TRACTOR






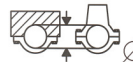


Engine-Code	Years	Cyl	CC	Line
		0	0	7
119.7	1939-52	3	1960	1
134 GAS LPG	1953-81	4	2194	2
144 DIESEL	1958-65	4	2400	2
158 GAS DIESEL LPG	1965-90	3	2600	3
172 GAS DIESEL LPG	1955-81	4	2817	2
175 GAS (2.9L)	1965-90	3	2900	3
183 DIESEL	1965-90	3	3000	3
192 GAS DIESEL	1971-81	4	3145	2
192 GAS (3.2L)	5/1965-	3	3200	3
201 GAS (3.3L)	1965-90	3	3300	3
223 GAS	1961-66	4	3652	4
233 GAS DIESEL LPG	1965-	4	3800	6
240 DIESEL DORSET	1965-69	4	3931	5

Engine-Code	Years	Cyl	CC	Line
242 DIESEL DORSET	1965-69	4	3963	5
242 DIESEL	1961-66	4	3963	4
254 DIESEL DORSET	1969-90	4	4160	5
BSD442		4	4195	7
256 GAS DIESEL LPG	4/1968-	4	4200	6
BSD444, BSD444T		4	4385	7
BSD 444T	1981-85	4	4392	8
360 DIESEL DORSET	1965-90	6	5896	9
362 DIESEL DORSET	1965-90	6	5929	9
363 TURBO D DIESEL	1965-90	6	5945	9
380 DIESEL DORSET	1969-90	6	6224	9
BSD666		6	6572	10
401 TURBO D DIESEL	5/1969-	6	6600	11






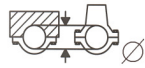


Car Model Index: FORD TRACTOR

Model	Engine	Years	Cyl	CC	Line
0	256 GAS DIESEL		4	4200	6
4830	BSD442	07/90-	4	4195	7
5030	BSD442	10/92-	4	4195	7
5110	BSD442	08/87-	4	4195	7
5610	BSD442	08/87	4	4195	7
6410	BSD444, BSD444T	08/87-	4	4385	7
6610 (Switz. only)	BSD 444T	10/85-	4	4392	8
6610 (excluding)	BSD444, BSD444T	10/85-	4	4385	7
6710	BSD444, BSD444T	1981-	4	4385	7
6810	BSD 444T	08/87-	4	4392	8
7410	BSD 444T	08/87-	4	4392	8
7610	BSD 444T	1981-	4	4392	8
Diesel	175 GAS (2.9L)		3	2900	3

Model	Engine	Years	Cyl	CC	Line
Diesel	192 GAS (3.2L)		3	3200	3
Diesel	201 GAS (3.3L)		3	3300	3
Diesel	172 GAS DIESEL		4	2817	2
Diesel	256 GAS DIESEL		4	4200	6
Disel	256 GAS DIESEL		4	4200	6
Lpg	175 GAS (2.9L)		3	2900	3
Lpg	192 GAS (3.2L)		3	3200	3
Lpg	201 GAS (3.3L)		3	3300	3
Lpg	172 GAS DIESEL		4	2817	2
Lpg	256 GAS DIESEL		4	4200	6
Lpg	223 GAS		4	3652	4
Turbo Diesel	256 GAS DIESEL		4	4200	6
Turbo Diesel	401 TURBO D		6	6600	11

FORD TRACTOR				FORD TRACTOR			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	119.7	1939-52	1960 cc	3.19 X 3.75	3 cyl		1
CR4068AM STD/010/020/030/040 CLE:CB- 200P(4)	C4068	4 Pairs		2.0935/ 2.0945 53.175/ 53.200	2.2195/ 2.2200 56.375/ 56.388	1.1300 28.70	0.0623 1.582
MB3341AM STD/010/020/030/040 CLE:MS- 120P	M3341	2 Pairs	1-3	2.2480/ 2.2490 57.099/ 57.125	2.4200/ 2.4210 61.468/ 61.493	1.6050 40.77	0.0855 2.172
	F3341	1 Pair	2	2.2480/ 2.2490 57.099/ 57.125	2.4200/ 2.4210 61.468/ 61.493	1.8990 48.23	0.0855 2.172
2	134 GAS LPG	1953-81	2194 cc	3.44 X 3.60	4 cyl		2
	144 DIESEL	1958-65	2400 cc	3.56 X 3.60	4 cyl		
	172 GAS DIESEL LPG	1955-81	2817 cc	3.90 X 3.60	4 cyl	Diesel, Lpg	
	192 GAS DIESEL	1971-81	3145 cc	4.13 X 3.60	4 cyl		
CR4069AM STD/010/020/030/040 CLE:CB- 535P(4)	C4069	4 Pairs		2.2978/ 2.2986 58.364/ 58.384	2.4230/ 2.4238 61.544/ 61.565	1.0390 26.39	0.0622 1.580
MB3342AM STD/010/020/030/040/050/060 CLE:MS- 466P FMO:4001M	M3342	2 Pairs	1-3	2.4969/ 2.4977 63.421/ 63.442	2.6912/ 2.6920 68.356/ 68.377	1.3300 33.78	0.0961 2.441
	F3342	1 Pair	2	2.4969/ 2.4977 63.421/ 63.442	2.6912/ 2.6920 68.356/ 68.377	1.7510 44.48	0.0961 2.441
3	158 GAS DIESEL LPG	1965-90	2600 cc	4.20 X 3.81	3 cyl		3
	175 GAS (2.9L)	1965-90	2900 cc	4.20 X 4.20	3 cyl	Diesel, Lpg	
	183 DIESEL	1965-90	3000 cc	4.20 X 4.20	3 cyl		
	192 GAS (3.2L)	5/1965-69	3200 cc	4.41 X 4.20	3 cyl	Diesel, Lpg	
	201 GAS (3.3L)	1965-90	3300 cc	4.41 X 4.41	3 cyl	Diesel, Lpg	
CR 302AM STD/010/020/030/040/060 <i>Plain halves.</i> <i>Locating lug - 3.2 mm from right edge</i> CLE:CB- 757AL(3) FMO:3-3105RA GLA:B3047SA OEM:DFPN6211Bx3 VAN:VPR91179	C4418	3 Pairs		2.7496/ 2.7504 69.840/ 69.860	2.9412/ 2.9420 74.706/ 74.727	1.4100 35.81	0.0945 2.400
CS 233BB GLA:C4078S GLY:N166/4 OEM:C5NE6261B VAN:VPC975							
MB 419AM STD/010/020/030/040/060 <i>This set includes 2 flanged halves.</i> <i>Flange length:</i> <i>STD .010 .020 030 - 36.96mm (FI STD)</i> <i>.040 .050 .060 - 37.21mm (FI oversize .010)</i> CLE:MS- 865AL FMO:5187M GLA:M4218SA GLY:H1033/4 VAN:VPM91180	M 530U M 530L	3 Pairs	1-3-4	3.3714/ 3.3722 85.634/ 85.654	3.6242/ 3.6250 92.055/ 92.075	1.1100 28.19	0.1251 3.178
	F 530U F 530L	1 Pair	2	3.3714/ 3.3722 85.634/ 85.654	3.6242/ 3.6250 92.055/ 92.075	1.4550 36.96	0.1251 3.178
PB 168CP GLA:S3514L OEM:C5NE6207A VAN:VPS96208							
4	223 GAS	1961-66	3652 cc	3.63 X 3.61	4 cyl	Lpg	4
	242 DIESEL	1961-66	3963 cc	3.63 X 3.91	4 cyl		
MB 408AM CLE:MS- 525AL FMO:4056M	M 408	3 Pairs	1-2-4	2.4980/ 2.4988 63.449/ 63.470	2.6912/ 2.6920 68.356/ 68.377	1.1050 28.07	0.0963 2.446
	F 408	1 Pair	3	2.4980/ 2.4988 63.449/ 63.470	2.6912/ 2.6920 68.356/ 68.377	1.3550 34.42	0.0963 2.446
5	240 DIESEL DORSET	1965-69	3931 cc	102.00 X 115.00	4 cyl		5
	242 DIESEL DORSET	1965-69	3963 cc	105.00 X 115.00	4 cyl		

FORD TRACTOR					FORD TRACTOR				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
254 DIESEL DORSET		1969-90	4160 cc	107.00 X 115.00	4 cyl				
CR6604CP STD/010/020	C6604U C6604L	6 Pairs		2.6242/ 2.6250 66.655/ 66.675	2.7905/ 2.7910 70.879/ 70.891	1.3400 34.04	0.0820 2.083		
MB 548AM STD/010/020/030/040/060 CLE:MS-1480AL FMO:6094M GLA:M5282SA GLY:H1128/5 VAN:VPM91187	M 737/1U M 737/1L	3 Pairs	1-2-4	3.0002/ 3.0010 76.205/ 76.225	3.1665/ 3.1670 80.429/ 80.442	1.0500 26.67	0.0820 2.083		
	M 737/4U M 737/4L	2 Pairs	3-5	3.0002/ 3.0010 76.205/ 76.225	3.1665/ 3.1670 80.429/ 80.442	1.4250 36.20	0.0820 2.083		
6	233 GAS DIESEL LPG	1965-5/68	3800 cc	4.20 X 4.20	4 cyl				6
	256 GAS DIESEL LPG	4/1968-90	4200 cc	4.41 X 4.20	4 cyl			0, Diesel, Disel, Lpg, Turbo Diesel	
CR4047CP STD/010/020/030/040/050 With 4 mm centre hole & oil groove. Locating lug - 3.2 mm from right edge GLA:B4557LC VAN:VPR91811	C4047	4 Pairs		2.7496/ 2.7504 69.840/ 69.860	2.9412/ 2.9420 74.706/ 74.727	1.4100 35.81	0.0945 2.400		
CR4418AM STD/010/020/030/040/050/060/070/080 Plain halves. Locating lug - 3.2 mm from right edge CLE:CB- 757AL(4) FMO:4-3105RA GLA:B4449SA GLY:01-4114/4 NDC:CB-3008 OEM:DFPN6211Bx4 VAN:VPR91181	C4418	4 Pairs		2.7496/ 2.7504 69.840/ 69.860	2.9412/ 2.9420 74.706/ 74.727	1.4100 35.81	0.0945 2.400		
MB 530AM STD/010/020/030/040/050/060/080 This set includes 2 flanged halves. Flange length: STD .010 .020 030 - 36.96mm (FI STD) .040 .050 .060 - 37.21mm (FI oversize .010) CLE:MS- 866AL FMO:5188M GLA:M5224SA GLY:H1033/5 NDC:MS-3008 VAN:VPM91182	M 530U M 530L	4 Pairs	1-2-4-5	3.3714/ 3.3722 85.634/ 85.654	3.6242/ 3.6250 92.055/ 92.075	1.1100 28.19	0.1251 3.178		
	F 530U F 530L	1 Pair	3	3.3714/ 3.3722 85.634/ 85.654	3.6242/ 3.6250 92.055/ 92.075	1.4550 36.96	0.1251 3.178		
7					0 cyl				7
	BSD442		4195 cc	111.77 X 106.89	4 cyl	4830, 5030, 5110, 5610			
	BSD444, BSD444T		4385 cc	111.77 X 106.89	4 cyl	6410, 6610 (excluding Switzerland), 6710			
CR4265CP STD/010/020/030 With 6.35 mm centre hole & oil groove. Locating lug - 5.2 mm from right edge OEM: 87790329	C4265	4 Pairs		2.7500/ 2.7504 69.850/ 69.860	2.9412/ 2.9416 74.706/ 74.717	1.4100 35.81	0.0948 2.408		
CR4418AM STD/010/020/030/040/050/060/070/080 Plain halves. Locating lug - 3.2 mm from right edge CLE:CB- 757AL(4) FMO:4-3105RA GLA:B4449SA GLY:01-4114/4 NDC:CB-3008 OEM:DFPN6211Bx4 VAN:VPR91181	C4418	4 Pairs		2.7496/ 2.7504 69.840/ 69.860	2.9412/ 2.9420 74.706/ 74.727	1.4100 35.81	0.0945 2.400		
MB 530AM STD/010/020/030/040/050/060/080 CLE:MS- 866AL FMO:5188M GLA:M5224SA GLY:H1033/5 NDC:MS-3008 VAN:VPM91182	M 530U M 530L	4 Pairs	1-2-4-5	3.3714/ 3.3722 85.634/ 85.654	3.6242/ 3.6250 92.055/ 92.075	1.1100 28.19	0.1251 3.178		
	F 530U F 530L	1 Pair	3	3.3714/ 3.3722 85.634/ 85.654	3.6242/ 3.6250 92.055/ 92.075	1.4550 36.96	0.1251 3.178		
8	BSD 444T	1981-85	4392 cc	111.77 X 111.89	4 cyl	6610 (Switz. only), 6810, 7410, 7610			8
CR4047CP STD/010/020/030/040/050 With 4 mm centre hole & oil groove. Locating lug - 3.2 mm from right edge GLA:B4557LC VAN:VPR91811	C4047	4 Pairs		2.7496/ 2.7504 69.840/ 69.860	2.9412/ 2.9420 74.706/ 74.727	1.4100 35.81	0.0945 2.400		
CR4266CP STD/010/020/030 With 6.35 mm centre hole Without oil groove. Locating lug - 3.2 mm from right edge OEM: 87790298	C4266	4 Pairs		2.7496/ 2.7504 69.840/ 69.860	2.9412/ 2.9420 74.706/ 74.727	1.2525 31.81	0.0945 2.400		
CR4267CP STD/010/020/030 With 6.35 mm centre hole Without oil groove. Locating lug - on the right edge	C4267	4 Pairs		2.7496/ 2.7504 69.840/ 69.860	2.9412/ 2.9420 74.706/ 74.727	1.1500 29.21	0.0945 2.400		

FORD TRACTOR				FORD TRACTOR			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
OEM:81875709							
MB 530AM STD/010/020/030/040/050/060/080 CLE:MS- 866AL FMO:5188M GLA:M5224SA GLY:H1033/5 NDC:MS-3008 VAN:VPM91182	M 530U M 530L	4 Pairs	1-2-4-5	3.3714/ 3.3722 85.634/ 85.654	3.6242/ 3.6250 92.055/ 92.075	1.1100 28.19	0.1251 3.178
	F 530U F 530L	1 Pair	3	3.3714/ 3.3722 85.634/ 85.654	3.6242/ 3.6250 92.055/ 92.075	1.4550 36.96	0.1251 3.178
9	360 DIESEL DORSET	1965-90	5896 cc	102.00 X 115.00	6 cyl		9
	362 DIESEL DORSET	1965-90	5929 cc	105.00 X 115.00	6 cyl		
	363 TURBO D DIESEL DORSET	1965-90	5945 cc	105.00 X 115.00	6 cyl		
	380 DIESEL DORSET	1969-90	6224 cc	107.00 X 115.00	6 cyl		
CR6604CP STD/010/020	C6604U C6604L	6 Pairs		2.6242/ 2.6250 66.655/ 66.675	2.7905/ 2.7910 70.879/ 70.891	1.3400 34.04	0.0820 2.083
CS 409BB GLA:C4075S/L GLY:N179/4 VAN:VPC94065							
MB 737AM STD/010/020/030/040/050/060 CLE:MS- 906AL FMO:6576M GLA:M7305SA GLY:H1169/7 VAN:VPM91189	M 737/1U M 737/1L	5 Pairs	1-2-3-5- 6	3.0002/ 3.0010 76.205/ 76.225	3.1665/ 3.1670 80.429/ 80.442	1.0500 26.67	0.0820 2.083
	M 737/4U M 737/4L	2 Pairs	4-7	3.0002/ 3.0010 76.205/ 76.225	3.1665/ 3.1670 80.429/ 80.442	1.4250 36.20	0.0820 2.083
10	BSD666		6572 cc	111.77 X 111.76	6 cyl		10
CR6757AM STD/010/020/030 <i>Plain halves.</i> <i>Locating lug - on the right edge</i> OEM:81875702	C6757	6 Pairs		2.7496/ 2.7504 69.840/ 69.860	2.9412/ 2.9420 74.706/ 74.727	1.1500 29.21	0.0945 2.400
CR6758AM <i>With 6.35 mm centre hole & oil groove.</i> <i>Locating lug - 5.2 mm from the right edge</i>							
MB 738AM STD/010/020/030/040 CLE:MS- 977AL FMO:7214M GLA:M7336SA GLY:H1033/7 VAN:VPM91180/549	M 530U M 530L	6 Pairs	1-2-3-5- 6-7	3.3714/ 3.3722 85.634/ 85.654	3.6240/ 3.6250 92.050/ 92.075	1.1100 28.19	0.1251 3.178
	F 530U F 530L	1 Pair	4	3.3714/ 3.3722 85.634/ 85.654	3.6240/ 3.6250 92.050/ 92.075	1.4550 36.96	0.1251 3.178
11	401 TURBO D DIESEL	5/1969-90	6600 cc	4.41 X 4.41	6 cyl	Turbo Diesel	11
CR 682AM STD/010/020/030/040 <i>Plain halves.</i> <i>Locating lug - 3.2 mm from right edge</i> CLE:CB- 757AL (6) FMO:6-3105RA GLA:B6496SA VAN:VPR92499A	C4418	6 Pairs		2.7496/ 2.7504 69.840/ 69.860	2.9412/ 2.9420 74.706/ 74.727	1.4100 35.81	0.0945 2.400
CR6654CP STD/010/020/030/040/050/060 <i>With 4 mm centre hole & oil groove.</i> <i>Locating lug - 3.2 mm from right edge</i> GLA:B6495LC GLY:71-4114 VAN:VPR92498	C4047	6 Pairs		2.7496/ 2.7504 69.840/ 69.860	2.9412/ 2.9420 74.706/ 74.727	1.4100 35.81	0.0945 2.400
MB 738AM STD/010/020/030/040 <i>This set includes 2 flanged halves.</i> <i>Flange length:</i> <i>STD .010 .020 030 - 36.96mm (FI STD)</i> <i>.040 .050 .060 - 37.21mm (FI oversize .010)</i> CLE:MS- 977AL FMO:7214M GLA:M7336SA GLY:H1033/7 VAN:VPM91180/549	M 530U M 530L	6 Pairs	1-2-3-5- 6-7	3.3714/ 3.3722 85.634/ 85.654	3.6240/ 3.6250 92.050/ 92.075	1.1100 28.19	0.1251 3.178
	F 530U F 530L	1 Pair	4	3.3714/ 3.3722 85.634/ 85.654	3.6240/ 3.6250 92.050/ 92.075	1.4550 36.96	0.1251 3.178

Engine Index: GARDNER

Engine-Code	Years	Cyl	CC	Line
8L3B		8	0	1
6LYT		6	0	2
6LXDT		6	0	3
2LW,3LW,4LW		6	0	4
5LW,6LW		6	0	4
6LX/LXB/LXC D DIESEL		6	1040	5
6HLX/6HLXB DIESEL		6	1045	5
6HLX/6HLXB D DIESEL		6	1045	5

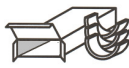







Engine-Code	Years	Cyl	CC	Line
6LX/LXB/LXC D DIESEL		6	1045	5
6LXCT DIESEL Turbocharged		6	1045	6
6LXCT DIESEL Turbocharged		6	1045	6
6HLXCT DIESEL Horizontal		6	1050	6
6HLXCT DIESEL Horizontal		6	1050	6
6LW/6HLW DIESEL		6	8400	7
8XLB	1970 -	8	13930	8

Car Model Index: GARDNER

Model	Engine	Years	Cyl	CC	Line
112H.P. 511 cu.in.	6LW/6HLW	1952	6	8400	7
230 B.H.P.	6LXCT DIESEL	-1984	6	1045	6
6HLX,6HLXB	6HLX/6HLXB D		6	1045	5
6HLX,6HLXB	6HLX/6HLXB		6	1045	5
6HLXCT	6HLXCT DIESEL		6	1050	6
6LCXT	6LXCT DIESEL	1984-	6	1045	6
6LX,6LX Marine	6LX/LXB/LXC D		6	1040	5
6LXB Marine	6LX/LXB/LXC D		6	1045	5

Model	Engine	Years	Cyl	CC	Line
6LXB,6LXB Automotive	6LX/LXB/LXC D		6	1045	5
6LXB,LXB Marine	6LX/LXB/LXC D		6	1040	5
6LXC	6LX/LXB/LXC D		6	1040	5
6LXC	6LX/LXB/LXC D		6	1045	5
6hlxct	6HLXCT DIESEL		6	1050	6
6IX,6LX Marine (anati-	6LX/LXB/LXC D		6	1045	5

GARDNER				GARDNER			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	8L3B				8 cyl		1
CR 847CP _{STD/010/020/040/060}	C 847A C 847B	8 Pairs		3.6245/ 3.6250 92.062/ 92.075	3.8606/ 3.8610 98.059/ 98.069	2.6300 66.80	0.1167 2.964
MB 902CP _{STD/010/020}	M 902/1U M 902/1L	1 Pair		4.4995/ 4.5000 114.287/114.300	4.7867/ 4.7875 121.582/121.603	4.5050 114.43	0.1420 3.607
	M 902/2U M 902/2L	4 Pairs		4.4995/ 4.5000 114.287/114.300	4.7867/ 4.7875 121.582/121.603	3.0050 76.33	0.1420 3.607
	M 902/3U M 902/3L	4 Pairs		4.4995/ 4.5000 114.287/114.300	4.7867/ 4.7875 121.582/121.603	2.1300 54.10	0.1420 3.607
2	6LYT				6 cyl		2
CR6668CP _{STD/.25/.5/1.0}	C6668U C6668L	6 Pairs		3.7393/ 3.7401 94.978/ 94.999	3.9370/ 3.9375 100.000/100.013	2.0128 51.13	0.0975 2.477
MB7717CP _{STD/.5/1.0}	M7717/1U M7717/1L	6 Pairs	1-2-3-4- 5-6	4.7235/ 4.7244 119.977/120.000	4.9606/ 4.9611 125.999/126.012	1.6978 43.12	0.1177 2.990
	M7717/7U M7717/7L	1 Pair	7	4.7235/ 4.7244 119.977/120.000	4.9606/ 4.9611 125.999/126.012	2.3671 60.12	0.1177 2.990
3	6LXDT				6 cyl		3
CR6667CP _{STD/010/020}	C6667 C 824A	6 Pairs		3.2495/ 3.2500 82.537/ 82.550	3.4166/ 3.4170 86.782/ 86.792	2.0050 50.93	0.0819 2.080
MB7718CP _{STD/010/020/050}	M 901/1U M 901/1L	2 Pairs	1-4	3.9370/ 3.9375 100.000/100.013	4.1657/ 4.1662 105.809/105.821	2.2862 58.07	0.1135 2.883

GARDNER				GARDNER			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
	M 901/2U M 901/2L	4 Pairs	2-3-5-6	3.9370/ 3.9375 100.000/100.013	4.1657/ 4.1662 105.809/105.821	1.6300 41.40	0.1135 2.883
	M 901/9U M 901/9L	1 Pair	7	3.9370/ 3.9375 100.000/100.013	4.1657/ 4.1662 105.809/105.821	3.0675 77.91	0.1135 2.883
4	5LW,6LW			108.00 X 152.00	6 cyl		4
	2LW,3LW,4LW			108.00 X 152.00	6 cyl		
CR 127CP <i>Packed in pairs</i> GLA:GS1508LC	C 690D C 690E	1 Pair		2.8745/ 2.8750 73.012/ 73.025	3.0416/ 3.0420 77.257/ 77.267	2.0050 50.93	0.0820 2.083
CR 690CP STD/010/020/030/040/050/060/070/080 GLA:B6390LC	C 690D C 690E	6 Pairs		2.8745/ 2.8750 73.012/ 73.025	3.0416/ 3.0420 77.257/ 77.267	2.0050 50.93	0.0820 2.083
MB 777CP STD/010/020/030/040/050/060/070/080	M 777/1U M 777/1L	2 Pairs	1-4	3.2495/ 3.2500 82.537/ 82.550	3.4794/ 3.4799 88.377/ 88.389	2.3940 60.81	0.1135 2.883
	M 777/2U M 777/2L	4 Pairs	2-3-5-6	3.2495/ 3.2500 82.537/ 82.550	3.4794/ 3.4799 88.377/ 88.389	1.6870 42.85	0.1135 2.883
	M 777/7U M 777/7L	1 Pair	7	3.2495/ 3.2500 82.537/ 82.550	3.4794/ 3.4799 88.377/ 88.389	3.2810 83.34	0.1135 2.883
5	6LX/LXB/LXC D DIESEL			1040 cc 120.65 X 152.40	6 cyl	6LX,6LX Marine, 6LXB,LXB Marine, 6LXC	5
	6HLX/6HLXB D DIESEL Horizontal			1045 cc 120.65 X 152.40	6 cyl	6HLX,6HLXB	
	6LX/LXB/LXC D DIESEL /3684			1045 cc 120.65 X 152.40	6 cyl	6LXB Marine, 6LXB,6LXB Automotive, 6LXC, 6IX,6LX Marine (anati-	
	6HLX/6HLXB DIESEL Horizontal			1045 cc 120.65 X 152.40	6 cyl	6HLX,6HLXB	
CR 683CP STD/010/020/030/040/050/060/070/080 GLA:B6292LC VAN:VPR91570	C 683A C 683B	6 Pairs		3.1870/ 3.1875 80.950/ 80.963	3.4166/ 3.4170 86.782/ 86.792	2.0050 50.93	0.1136 2.885
MB 775CP STD/010/020/030/040/050/060/070/080 135275- GLA:M7304LC VAN:VPM91571	M 775/1U M 775/1L	2 Pairs	1-4	3.6245/ 3.6250 92.062/ 92.075	3.8530/ 3.8535 97.866/ 97.879	2.2860 58.06	0.1130 2.870
	M 775/2U M 775/2L	4 Pairs	2-3-5-6	3.6245/ 3.6250 92.062/ 92.075	3.8530/ 3.8535 97.866/ 97.879	1.6300 41.40	0.1130 2.870
	M 775/7U M 775/7L	1 Pair	7	3.6245/ 3.6250 92.062/ 92.075	3.8530/ 3.8535 97.866/ 97.879	3.0680 77.93	0.1130 2.870
TW2003AM 135275- GLA:W2135SA VAN:VPW95048A	W2003D W2003E	2 Pairs		4.0000/ 4.0150 101.600/101.981	5.1100/ 5.1250 129.794/130.175	0.0000 0.00	0.1210 3.073
6	6LXCT DIESEL Turbocharged			1045 cc 120.65 X 152.40	6 cyl	230 B.H.P.	6
	6LXCT DIESEL Turbocharged			1045 cc 120.65 X 152.40	6 cyl	6LCXT	
	6HLXCT DIESEL Horizontal Turbocharged			1050 cc 120.65 X 152.40	6 cyl	6HLXCT	
	6HLXCT DIESEL Horizontal Turbocharged			1050 cc 120.65 X 152.40	6 cyl	6hlxct	
MB 775CP STD/010/020/030/040/050/060/070/080 135275- GLA:M7304LC VAN:VPM91571	M 775/1U M 775/1L	2 Pairs	1-4	3.6245/ 3.6250 92.062/ 92.075	3.8530/ 3.8535 97.866/ 97.879	2.2860 58.06	0.1130 2.870
	M 775/2U M 775/2L	4 Pairs	2-3-5-6	3.6245/ 3.6250 92.062/ 92.075	3.8530/ 3.8535 97.866/ 97.879	1.6300 41.40	0.1130 2.870
				3.6245/ 3.6250	3.8530/ 3.8535	3.0680	0.1130

GARDNER				GARDNER			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
	M 775/7U M 775/7L	1 Pair	7	92.062/ 92.075	97.866/ 97.879	77.93	2.870
TW2003AM GLA:W2135SA VAN:VPW95048A	W2003D W2003E	2 Pairs		4.0000/ 4.0150 101.600/101.981	5.1100/ 5.1250 129.794/130.175	0.0000 0.00	0.1210 3.073
7	6LW/6HLW DIESEL		8400 cc	107.95 X 152.40	6 cyl	112H.P. 511 cu.in.	7
PB 112CP GLA:S6504BR VAN:VPS96247							
8	8XLB		1970 - 13930 cc		8 cyl		8
CR 824CP STD/010/020/030/040/050/060 VAN:VPR91791	C 824A C 824B	8 Pairs		3.2495/ 3.2500 82.537/ 82.550	3.4166/ 3.4170 86.782/ 86.792	2.0050 50.93	0.0819 2.080
MB 901CP STD/010/020/030/040/050/060/070/080 VAN:VPM91792	M 901/1U M 901/1L	2 Pairs	1-5	3.9370/ 3.9375 100.000/100.013	4.1657/ 4.1662 105.809/105.821	2.2862 58.07	0.1135 2.883
	M 901/2U M 901/2L	6 Pairs	2-3-4-6- 7-8	3.9370/ 3.9375 100.000/100.013	4.1657/ 4.1662 105.809/105.821	1.6300 41.40	0.1135 2.883
	M 901/9U M 901/9L	1 Pair	9	3.9370/ 3.9375 100.000/100.013	4.1657/ 4.1662 105.809/105.821	3.0675 77.91	0.1135 2.883

Engine Index: GENERAL MOTORS PERFORMANCE

Engine-Code	Years	Cyl	CC	Line
262 (4.3L)	1975-76	8	4291	2
265 (4.3L)	1994-96	8	4300	2
265 (4.3L)	1955-57	8	4340	1
267 (4.4L)	1979-82	8	4400	2
283 (4.6L)	1957-67	8	4635	1
294 (4.8L) Vortec OHV Gen III w/	1999-	8	4800	5
305 (5.0L)	1976-96	8	4946	2
302 (5.0L)	1967	8	4946	1
307 (5.0L)	1968-73	8	5028	2
325 (5.3L) Vortec OHV Gen III w/	1999-	8	5300	5
325 (5.3L) LS4 16 valve w/	2005-09	8	5328	5
327 (5.4L)	1962-67	8	5356	1
350 (5.7L)	1967-	8	5700	2
348 (5.7L)	1958-61	8	5700	4
346 (5.7L) LS1 OHV w//	1997-	8	5700	5
346 (5.7L) LS6 OHV w/ aluminum	2001-06	8	5700	5

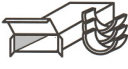




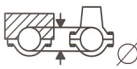


Engine-Code	Years	Cyl	CC	Line
366 (6.0L)	1966-98	8	6000	7
364 (6.0L) LS2 OHV Gen IV w/	1999-	8	6000	5
376 (6.2L) L92 Vortec OHV w/	2007-10	8	6200	5
376 (6.2L) LS3 OHV w/ aluminum	2008-10	8	6200	5
396 (6.5L)	1965-70	8	6486	7
402 (6.6L)	1970-72	8	6584	7
400 (6.6L)	1970-80	8	6600	3
409 (6.7L)	1961-65	8	6699	4
427 (7.0L)	1966-98	8	7000	7
427 (7.0L) LS7 16 valve w/	2006-10	8	7011	5
454 (7.4L)	1970-00	8	7400	7
496 (8.1L) Vortec	2001-07	8	8100	6
502 (8.2L)	1990-01	8	8200	7

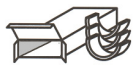




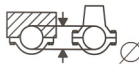


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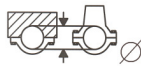


Model	Engine	Years	Cyl	CC	Line

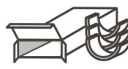




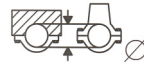


**GENERAL MOTORS
PERFORMANCE**






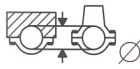


**GENERAL MOTORS
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

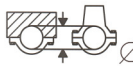


								
King Set No.		Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	265 (4.3L)	1955-57	4340 cc	3.75 X 3.00	8 cyl			1
	283 (4.6L)	1957-67	4635 cc	3.88 X 3.00	8 cyl			
	302 (5.0L)	1967	4946 cc	4.00 X 3.00	8 cyl			
	327 (5.4L)	1962-67	5356 cc	4.00 X 3.25	8 cyl			
CR 803HPN <i>w/o dowel hole</i> ACL:1B745H~ FMO:8-7065CH~ CLE:CB-745H~		C 803U C 803L	8 Pairs		1.9990/ 2.0000 50.775/ 50.800	1.1247/ 2.1252 28.567/ 53.980	0.7920 20.12	0.0621 1.577
CR 803XPN <i>w/o dowel hole</i> ACL:1B745H FMO:8-7065CH CLE:CB-745H		C 803U C 803L	8 Pairs		1.9990/ 2.0000 50.775/ 50.800	1.1247/ 2.1252 28.567/ 53.980	0.7920 20.12	0.0621 1.577
CR 852HP STD/001/010/011/020/010X/STD <i>w/ dowel hole</i> ACL:1B745HD (8) FMO:8-7065CHA CLE:CB-745HD (8)		C 852U C 852L	8 Pairs		1.9990/ 2.0000 50.775/ 50.800	2.1247/ 2.1252 53.967/ 53.980	0.8390 21.31	0.0621 1.577
CS 507HP <i>High Performance, years 64-67</i> DUR:CHP-8		S 507/1	1	1	1.8682/ 1.8692 47.452/ 47.478	2.0190/ 2.0210 51.283/ 51.333	0.7400 18.80	0.0744 1.890
		S 507/2	2	2,5	1.8682/ 1.8692 47.452/ 47.478	2.0090/ 2.0110 51.029/ 51.079	0.7450 18.92	0.0694 1.763
		S 507/3	2	3-4	1.8682/ 1.8692 47.452/ 47.478	1.9990/ 2.0010 50.775/ 50.825	0.7400 18.80	0.0644 1.636
CS 507HPT <i>High Performance Coated, years 64-67</i> DUR:CHP-8T		S 507/1	1	1	1.8682/ 1.8692 47.452/ 47.478	2.0190/ 2.0210 51.283/ 51.333	0.7400 18.80	0.0744 1.890
		S 507/2	2	2,5	1.8682/ 1.8692 47.452/ 47.478	2.0090/ 2.0110 51.029/ 51.079	0.7450 18.92	0.0694 1.763
		S 507/3	2	3-4	1.8682/ 1.8692 47.452/ 47.478	1.9990/ 2.0010 50.775/ 50.825	0.7400 18.80	0.0644 1.636
CS 534HP <i>years 55-63</i>		S 534/1	1	1	1.8682/ 1.8692 47.452/ 47.478	2.0190/ 2.0210 51.283/ 51.333	0.7400 18.80	0.0744 1.890
		S 534/2	1	2	1.8682/ 1.8692 47.452/ 47.478	2.0090/ 2.0110 51.029/ 51.079	0.7450 18.92	0.0694 1.763
		S 534/3	2	3-4	1.8682/ 1.8692 47.452/ 47.478	1.9990/ 2.0010 50.775/ 50.825	0.7400 18.80	0.0644 1.636
		S 534/5	1	5	1.8682/ 1.8692 47.452/ 47.478	2.0090/ 2.0110 51.029/ 51.079	0.9400 23.88	0.0694 1.763
CS 534HPT <i>years 55-63 coated</i> DUR:CHP-4T		S 534/1	1	1	1.8682/ 1.8692 47.452/ 47.478	2.0190/ 2.0210 51.283/ 51.333	0.7400 18.80	0.0744 1.890
		S 534/2	1	2	1.8682/ 1.8692 47.452/ 47.478	2.0090/ 2.0110 51.029/ 51.079	0.7450 18.92	0.0694 1.763
		S 534/3	2	3-4	1.8682/ 1.8692 47.452/ 47.478	1.9990/ 2.0010 50.775/ 50.825	0.7400 18.80	0.0644 1.636
		S 534/5	1	5	1.8682/ 1.8692 47.452/ 47.478	2.0090/ 2.0110 51.029/ 51.079	0.9400 23.88	0.0694 1.763
2	262 (4.3L)	1975-76	4291 cc	3.67 X 3.10	8 cyl			2
	265 (4.3L)	1994-96	4300 cc	3.74 X 3.00	8 cyl			
	267 (4.4L)	1979-82	4400 cc	3.50 X 3.48	8 cyl			
	305 (5.0L)	1976-96	4946 cc	3.74 X 3.48	8 cyl			
	307 (5.0L)	1968-73	5028 cc	3.88 X 3.25	8 cyl			
	350 (5.7L)	1967-2003	5700 cc	4.00 X 3.48	8 cyl			
CR 807HPN <i>w/o dowel hole</i> ACL:1B663H~ CLE:CB-663H~		C 807U/N C 807L/N	8 Pairs		2.0990/ 2.1000 53.315/ 53.340	2.2247/ 2.2252 56.507/ 56.520	0.7920 20.12	0.0619 1.572

GENERAL MOTORS PERFORMANCE				GENERAL MOTORS PERFORMANCE			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
FMO: 8-7100CH~ CR 807HPND <i>w/ dowel hole</i> ACL: 1B663H~ CLE: CB-663HD~ FMO: 8-7100CHA~	C 807U/N C 807L/ND	8 Pairs		2.0990/ 2.1000 53.315/ 53.340	2.2247/ 2.2252 56.507/ 56.520	0.7920 20.12	0.0619 1.572
CR 807XPN <i>w/o dowel hole</i> ACL: 1B663H CLE: CB-663HN FMO: 8-7100CH	C 807U/N C 807L/N	8 Pairs		2.0990/ 2.1000 53.315/ 53.340	2.2247/ 2.2252 56.507/ 56.520	0.7920 20.12	0.0619 1.572
CR 807XPND <i>w/ dowel hole</i> ACL: 1B663HD CLE: CB-663 HND FMO: 8-7100CHA	C 807U/N C 807L/ND	8 Pairs		2.0990/ 2.1000 53.315/ 53.340	2.2247/ 2.2252 56.507/ 56.520	0.7920 20.12	0.0619 1.572
CS 507HP <i>High Performance</i> DUR: CHP-8	S 507/1	1	1	1.8682/ 1.8692 47.452/ 47.478	2.0190/ 2.0210 51.283/ 51.333	0.7400 18.80	0.0744 1.890
	S 507/2	2	2,5	1.8682/ 1.8692 47.452/ 47.478	2.0090/ 2.0110 51.029/ 51.079	0.7450 18.92	0.0694 1.763
	S 507/3	2	3-4	1.8682/ 1.8692 47.452/ 47.478	1.9990/ 2.0010 50.775/ 50.825	0.7400 18.80	0.0644 1.636
CS 507HPT <i>High Performance Coated</i> DUR: CHP-8T	S 507/1	1	1	1.8682/ 1.8692 47.452/ 47.478	2.0190/ 2.0210 51.283/ 51.333	0.7400 18.80	0.0744 1.890
	S 507/2	2	2,5	1.8682/ 1.8692 47.452/ 47.478	2.0090/ 2.0110 51.029/ 51.079	0.7450 18.92	0.0694 1.763
	S 507/3	2	3-4	1.8682/ 1.8692 47.452/ 47.478	1.9990/ 2.0010 50.775/ 50.825	0.7400 18.80	0.0644 1.636
MB 557HP STD/001/010/011/020/021/030/010X/02 ACL: 5M909H~ CLE: MS-909H~ FMO: 139M~	M 557U/PR M 557L/PR	4 Pairs	1-2-3-4	2.4483/ 2.4493 62.187/ 62.212	2.6406/ 2.6416 67.071/ 67.097	0.7675 19.49	0.0955 2.426
	F 557U/PR F 557L/PR	1 Pair	5	2.4478/ 2.4488 62.174/ 62.200	2.6406/ 2.6416 67.071/ 67.097	1.7180 43.64	0.0955 2.426
MB 557XP STD/001/010/011/020/021/030/010X/02 ACL: 5M909H CLE: MS-909H FMO: 139M	M 557U/PR M 557L/PR	4 Pairs	1-2-3-4	2.4483/ 2.4493 62.187/ 62.212	2.6406/ 2.6416 67.071/ 67.097	0.7675 19.49	0.0955 2.426
	F 557U/PR F 557L/PR	1 Pair	5	2.4478/ 2.4488 62.174/ 62.200	2.6406/ 2.6416 67.071/ 67.097	1.7180 43.64	0.0955 2.426
3	400 (6.6L)	1970-80	6600 cc	4.13 X 3.75	8 cyl		3
CR 807HPN <i>w/o dowel hole</i> ACL: 1B663H~ CLE: CB-663H~ FMO: 8-7100CH~	C 807U/N C 807L/N	8 Pairs		2.0990/ 2.1000 53.315/ 53.340	2.2247/ 2.2252 56.507/ 56.520	0.7920 20.12	0.0619 1.572
CR 807HPND <i>w/ dowel hole</i> ACL: 1B663H~ CLE: CB-663HD~ FMO: 8-7100CHA~	C 807U/N C 807L/ND	8 Pairs		2.0990/ 2.1000 53.315/ 53.340	2.2247/ 2.2252 56.507/ 56.520	0.7920 20.12	0.0619 1.572
CR 807XPN <i>w/o dowel hole</i> ACL: 1B663H CLE: CB-663HN FMO: 8-7100CH	C 807U/N C 807L/N	8 Pairs		2.0990/ 2.1000 53.315/ 53.340	2.2247/ 2.2252 56.507/ 56.520	0.7920 20.12	0.0619 1.572
CR 807XPND <i>w/ dowel hole</i> ACL: 1B663HD CLE: CB-663 HND FMO: 8-7100CHA	C 807U/N C 807L/ND	8 Pairs		2.0990/ 2.1000 53.315/ 53.340	2.2247/ 2.2252 56.507/ 56.520	0.7920 20.12	0.0619 1.572
CS 507HP <i>High Performance</i> DUR: CHP-8	S 507/1	1	1	1.8682/ 1.8692 47.452/ 47.478	2.0190/ 2.0210 51.283/ 51.333	0.7400 18.80	0.0744 1.890
	S 507/2	2	2,5	1.8682/ 1.8692 47.452/ 47.478	2.0090/ 2.0110 51.029/ 51.079	0.7450 18.92	0.0694 1.763
	S 507/3	2	3-4	1.8682/ 1.8692 47.452/ 47.478	1.9990/ 2.0010 50.775/ 50.825	0.7400 18.80	0.0644 1.636

GENERAL MOTORS PERFORMANCE				GENERAL MOTORS PERFORMANCE			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
CS 507HPT <i>High Performance Coated</i> DUR:CHP-8T	S 507/1	1	1	1.8682/ 1.8692 47.452/ 47.478	2.0190/ 2.0210 51.283/ 51.333	0.7400 18.80	0.0744 1.890
	S 507/2	2	2,5	1.8682/ 1.8692 47.452/ 47.478	2.0090/ 2.0110 51.029/ 51.079	0.7450 18.92	0.0694 1.763
	S 507/3	2	3-4	1.8682/ 1.8692 47.452/ 47.478	1.9990/ 2.0010 50.775/ 50.825	0.7400 18.80	0.0644 1.636
MB 509HP STD/001/009/010/010/011/020/020/021 ACL:5M1038H~ CLE:MS-1038H~ FMO:140M~	M 509U/PR M 509L/PRH	4 Pairs	1-2-3-4	2.6484/ 2.6493 67.269/ 67.292	2.8406/ 2.8416 72.151/ 72.177	0.8070 20.50	0.0953 2.421
	F 509U/PR F 509L/PRH	1 Pair	5	2.6484/ 2.6493 67.269/ 67.292	2.8406/ 2.8416 72.151/ 72.177	1.7180 43.64	0.0953 2.421
MB 509XP STD/001/009/010/010/020/020/021/030 ACL:5M1038H CLE:MS-1038H FMO:140M	M 509U/PR M 509L/PR	4 Pairs	1-2-3-4	2.6484/ 2.6493 67.269/ 67.292	2.8406/ 2.8416 72.151/ 72.177	0.8070 20.50	0.0953 2.421
	F 509U/PR F 509L/PR	1 Pair	5	2.6484/ 2.6493 67.269/ 67.292	2.8406/ 2.8416 72.151/ 72.177	1.7180 43.64	0.0953 2.421
MB5224AMSTD <i>Allows the use of Chevy 350 crank in the 400 small block. This is the spacer only; use any Chevy 350 main set on top</i> CLE:MS-1564P	M5224/1U M5224/1L	4 Pairs	1-2-3-4	2.6484/ 2.6493 67.269/ 67.292	2.8406/ 2.8415 72.151/ 72.174	0.8020 20.37	0.1001 2.543
	M5224/5U M5224/5L	1 Pair	5	2.6479/ 2.6488 67.257/ 67.280	2.8406/ 2.8415 72.151/ 72.174	1.4540 36.93	0.1001 2.543
4	348 (5.7L)	1958-61	5700 cc	4.13 X 3.25	8 cyl		4
	409 (6.7L)	1961-65	6699 cc	4.31 X 3.50	8 cyl		
CR 808HPN <i>w/o dowel hole</i> ACL:1B743H~ CLE:CB-743HN~ FMO:8-7200CH~	C 808U/N C 808L/N	8 Pairs		2.1990/ 2.2000 55.855/ 55.880	2.3247/ 2.3252 59.047/ 59.060	0.8420 21.39	0.0619 1.572
	CR 808HPND <i>w/ dowel hole</i> ACL:1B743H~ CLE:CB-743HD~ FMO:8-7200CHA~	C 808U/N C 808L/ND	8 Pairs		2.1990/ 2.2000 55.855/ 55.880	2.3247/ 2.3252 59.047/ 59.060	0.8420 21.39
CR 808XPN <i>w/o dowel hole</i> ACL:1B743H CLE:CB-743H FMO:8-7200CH	C 808U/N C 808L/N	8 Pairs		2.1990/ 2.2000 55.855/ 55.880	2.3247/ 2.3252 59.047/ 59.060	0.8420 21.39	0.0619 1.572
	CR 808XPND <i>w/ dowel hole</i> ACL:1B743HD CLE:CB-743HD FMO:8-7200CHA	C 808U/N C 808L/ND	8 Pairs		2.1990/ 2.2000 55.855/ 55.880	2.3247/ 2.3252 59.047/ 59.060	0.8420 21.39
CS 542BB CLE:SH-398S DUR:CH-5							
MB 556HP STD/001/009/010/011/020/030/010X/02 ACL:5M829H~ CLE:MS-829H~ FMO:141M~	M 556U/PR M 556L/PRH	4 Pairs	1-2-3-4	2.7482/ 2.7492 69.804/ 69.830	2.9370/ 2.9380 74.600/ 74.625	1.0470 26.59	0.0934 2.372
	F 556U/PR F 556L/PRH	1 Pair	5	2.7478/ 2.7488 69.794/ 69.820	2.9370/ 2.9380 74.600/ 74.625	1.8110 46.00	0.0934 2.372
MB 556XP STD/001/010/011/020/030/010X/020X/S ACL:5M829H CLE:MS-829H FMO:141M	M 556U/PR M 556L/PR	4 Pairs	1-2-3-4	2.7482/ 2.7492 69.804/ 69.830	2.9370/ 2.9380 74.600/ 74.625	1.0470 26.59	0.0934 2.372
	F 556U/PR F 556L/PR	1 Pair	5	2.7478/ 2.7488 69.794/ 69.820	2.9370/ 2.9380 74.600/ 74.625	1.8110 46.00	0.0934 2.372
5	294 (4.8L) Vortec OHV Gen III w/ cast iron block	1999-2010	4800 cc	96.00 X 83.00	8 cyl		5
	325 (5.3L) Vortec OHV Gen III w/ cast iron block	1999-2010	5300 cc	96.00 X 92.00	8 cyl		
	325 (5.3L) LS4 16 valve w/ aluminum block	2005-09	5328 cc	96.00 X 92.00	8 cyl		
	346 (5.7L) LS1 OHV w// aluminum block	1997-2005	5700 cc	96.00 X 92.00	8 cyl		

GENERAL MOTORS PERFORMANCE				GENERAL MOTORS PERFORMANCE				
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness	
	346 (5.7L) LS6 OHV w/ aluminum block	2001-06	5700 cc	99.00 X 92.00	8 cyl			
	364 (6.0L) LS2 OHV Gen IV w/ aluminum block	1999-2010	6000 cc	101.60 X 92.00	8 cyl			
	376 (6.2L) L92 Vortec OHV w/ aluminum block	2007-10	6200 cc	103.30 X 92.00	8 cyl			
	376 (6.2L) LS3 OHV w/ aluminum block	2008-10	6200 cc	103.30 X 92.00	8 cyl			
	427 (7.0L) LS7 16 valve w/ aluminum block	2006-10	7011 cc	104.80 X 101.60	8 cyl			
CR 807HPN <i>w/o dowel hole</i> ACL: 1B663H~ CLE: CB-663H~ FMO: 8-7100CH~	C 807U/N C 807L/N	8 Pairs		2.0990/ 2.1000 53.315/ 53.340	2.2247/ 2.2252 56.507/ 56.520	0.7920 20.12	0.0619 1.572	
CR 807HPND <i>w/ dowel hole</i> ACL: 1B663H~ CLE: CB-663HD~ FMO: 8-7100CHA~	C 807U/N C 807L/ND	8 Pairs		2.0990/ 2.1000 53.315/ 53.340	2.2247/ 2.2252 56.507/ 56.520	0.7920 20.12	0.0619 1.572	
CR 807XPN <i>w/o dowel hole</i> ACL: 1B663H CLE: CB-663HN FMO: 8-7100CH	C 807U/N C 807L/N	8 Pairs		2.0990/ 2.1000 53.315/ 53.340	2.2247/ 2.2252 56.507/ 56.520	0.7920 20.12	0.0619 1.572	
CR 807XPND <i>w/ dowel hole</i> ACL: 1B663HD CLE: CB-663 HND FMO: 8-7100CHA	C 807U/N C 807L/ND	8 Pairs		2.0990/ 2.1000 53.315/ 53.340	2.2247/ 2.2252 56.507/ 56.520	0.7920 20.12	0.0619 1.572	
CS5503BB <i>years 1997-2003</i> <i>Note: 2003 1st design, position # 1 and # 5 housing bore is 2.3260" / 2.3280"</i> ACL: 5C100S CLE: SH-1814S DUR: CH-10 FMO: 1888M								
CS5510BB <i>years 2003-10</i> <i>Note: 2003 2nd design, position # 1 and # 5 housing bore is 2.3460" / 2.3480"</i> ACL: 5C1001S CLE: SH-1995S DUR: CH-23								
MB5013XP _{STD001/010/010/011/020/030} ACL: 5M7298H CLE: MS-2199H FMO: 152M	M5013U/PR M5013L/PR	4 Pairs	1-2-4-5	2.5588/ 2.5593 64.994/ 65.006	2.7509/ 2.7514 69.873/ 69.886	0.8050 20.45	0.0957 2.431	
	F5013U/PR F5013L/PR	1 Pair	3	2.5588/ 2.5593 64.994/ 65.006	2.7509/ 2.7514 69.873/ 69.886	1.0280 26.11	0.0957 2.431	
6	496 (8.1L) Vortec	2001-07	8100 cc	4.25 X 4.37	8 cyl		6	
CR 808HPN <i>w/o dowel hole</i> ACL: 1B743H~ CLE: CB-743HN~ FMO: 8-7200CH~	C 808U/N C 808L/N	8 Pairs		2.1990/ 2.2000 55.855/ 55.880	2.3247/ 2.3252 59.047/ 59.060	0.8420 21.39	0.0619 1.572	
CR 808HPND <i>w/ dowel hole</i> ACL: 1B743H~ CLE: CB-743HD~ FMO: 8-7200CHA~	C 808U/N C 808L/ND	8 Pairs		2.1990/ 2.2000 55.855/ 55.880	2.3247/ 2.3252 59.047/ 59.060	0.8420 21.39	0.0619 1.572	
CR 808XPN <i>w/o dowel hole</i> ACL: 1B743H CLE: CB-743H FMO: 8-7200CH	C 808U/N C 808L/N	8 Pairs		2.1990/ 2.2000 55.855/ 55.880	2.3247/ 2.3252 59.047/ 59.060	0.8420 21.39	0.0619 1.572	
CR 808XPND <i>w/ dowel hole</i> ACL: 1B743HD CLE: CB-743HD FMO: 8-7200CHA	C 808U/N C 808L/ND	8 Pairs		2.1990/ 2.2000 55.855/ 55.880	2.3247/ 2.3252 59.047/ 59.060	0.8420 21.39	0.0619 1.572	
CS 524GMP <i>(align bored engines with 2.1195" / 2.1205" housing)</i> DUR: GMP-12	S 524/1	1	1	1.9487/ 1.9497 49.497/ 49.522	2.1395/ 2.1405 54.343/ 54.369	0.8700 22.10	0.0941 2.390	
	S 524/2	2	2,5	1.9487/ 1.9497 49.497/ 49.522	2.1295/ 2.1305 54.089/ 54.115	0.9900 25.15	0.0891 2.263	

GENERAL MOTORS PERFORMANCE				GENERAL MOTORS PERFORMANCE			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
	S 524/3	2	3-4	1.9487/ 1.9497 49.497/ 49.522	2.1195/ 2.1205 53.835/ 53.861	0.9900 25.15	0.0841 2.136
CS 524HP <i>Under Development</i> <i>High Performance</i> DUR:CHP-12 FMO:2101M	S 524/1	1	1	1.9487/ 1.9497 49.497/ 49.522	2.1395/ 2.1405 54.343/ 54.369	0.8700 22.10	0.0941 2.390
	S 524/2	2	2,5	1.9487/ 1.9497 49.497/ 49.522	2.1295/ 2.1305 54.089/ 54.115	0.9900 25.15	0.0891 2.263
	S 524/3	2	3-4	1.9487/ 1.9497 49.497/ 49.522	2.1195/ 2.1205 53.835/ 53.861	0.9900 25.15	0.0841 2.136
CS 524HPT <i>High Performance Coated</i> DUR:CHP-12T	S 524/1	1	1	1.9487/ 1.9497 49.497/ 49.522	2.1395/ 2.1405 54.343/ 54.369	0.8700 22.10	0.0941 2.390
	S 524/2	2	2,5	1.9487/ 1.9497 49.497/ 49.522	2.1295/ 2.1305 54.089/ 54.115	0.9900 25.15	0.0891 2.263
	S 524/3	2	3-4	1.9487/ 1.9497 49.497/ 49.522	2.1195/ 2.1205 53.835/ 53.861	0.9900 25.15	0.0841 2.136
MB 556HP STD/001/009/010/011/020/030/010X/02 ACL:5M829H~ CLE:MS-829H~ FMO:141M~	M 556U/PR M 556L/PRH	4 Pairs	1-2-3-4	2.7482/ 2.7492 69.804/ 69.830	2.9370/ 2.9380 74.600/ 74.625	1.0470 26.59	0.0934 2.372
	F 556U/PR F 556L/PRH	1 Pair	5	2.7478/ 2.7488 69.794/ 69.820	2.9370/ 2.9380 74.600/ 74.625	1.8110 46.00	0.0934 2.372
MB 556XP STD/001/010/011/020/030/010X/020X/S ACL:5M829H CLE:MS-829H FMO:141M	M 556U/PR M 556L/PR	4 Pairs	1-2-3-4	2.7482/ 2.7492 69.804/ 69.830	2.9370/ 2.9380 74.600/ 74.625	1.0470 26.59	0.0934 2.372
	F 556U/PR F 556L/PR	1 Pair	5	2.7478/ 2.7488 69.794/ 69.820	2.9370/ 2.9380 74.600/ 74.625	1.8110 46.00	0.0934 2.372
7	366 (6.0L)	1966-98	6000 cc	3.94 X 3.77	8 cyl		7
	396 (6.5L)	1965-70	6486 cc	4.13 X 3.77	8 cyl		
	402 (6.6L)	1970-72	6584 cc	4.13 X 3.77	8 cyl		
	427 (7.0L)	1966-98	7000 cc	4.25 X 3.77	8 cyl		
	454 (7.4L)	1970-00	7400 cc	4.25 X 4.00	8 cyl		
	502 (8.2L)	1990-01	8200 cc	4.47 X 4.00	8 cyl		
CR 808HPN <i>w/o dowel hole</i> ACL:1B743H~ CLE:CB-743HN~ FMO:8-7200CH~	C 808U/N C 808L/N	8 Pairs		2.1990/ 2.2000 55.855/ 55.880	2.3247/ 2.3252 59.047/ 59.060	0.8420 21.39	0.0619 1.572
	CR 808HPND <i>w/ dowel hole</i> ACL:1B743H~ CLE:CB-743HD~ FMO:8-7200CHA~	C 808U/N C 808L/ND	8 Pairs		2.1990/ 2.2000 55.855/ 55.880	2.3247/ 2.3252 59.047/ 59.060	0.8420 21.39
CR 808HPN <i>w/o dowel hole</i> ACL:1B743H CLE:CB-743H FMO:8-7200CH	C 808U/N C 808L/N	8 Pairs		2.1990/ 2.2000 55.855/ 55.880	2.3247/ 2.3252 59.047/ 59.060	0.8420 21.39	0.0619 1.572
	CR 808XPND <i>w/ dowel hole</i> ACL:1B743HD CLE:CB-743HD FMO:8-7200CHA	C 808U/N C 808L/ND	8 Pairs		2.1990/ 2.2000 55.855/ 55.880	2.3247/ 2.3252 59.047/ 59.060	0.8420 21.39
CS 524GMP <i>(align bored engines with 2.1195" / 2.1205" housing)</i> DUR:GMP-12	S 524/1	1	1	1.9487/ 1.9497 49.497/ 49.522	2.1395/ 2.1405 54.343/ 54.369	0.8700 22.10	0.0941 2.390
	S 524/2	2	2,5	1.9487/ 1.9497 49.497/ 49.522	2.1295/ 2.1305 54.089/ 54.115	0.9900 25.15	0.0891 2.263
	S 524/3	2	3-4	1.9487/ 1.9497 49.497/ 49.522	2.1195/ 2.1205 53.835/ 53.861	0.9900 25.15	0.0841 2.136
CS 524HP <i>Under Development</i> <i>High Performance, years 67-98</i>	S 524/1	1	1	1.9487/ 1.9497 49.497/ 49.522	2.1395/ 2.1405 54.343/ 54.369	0.8700 22.10	0.0941 2.390

GENERAL MOTORS PERFORMANCE				GENERAL MOTORS PERFORMANCE				
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness	
DUR:CHP-12 FMO:2101M	S 524/2	2	2,5	1.9487/ 1.9497 49.497/ 49.522	2.1295/ 2.1305 54.089/ 54.115	0.9900 25.15	0.0891 2.263	
	S 524/3	2	3-4	1.9487/ 1.9497 49.497/ 49.522	2.1195/ 2.1205 53.835/ 53.861	0.9900 25.15	0.0841 2.136	
CS 524HPT years 67-98 coated DUR:CHP-12T	S 524/1	1	1	1.9487/ 1.9497 49.497/ 49.522	2.1395/ 2.1405 54.343/ 54.369	0.8700 22.10	0.0941 2.390	
	S 524/2	2	2,5	1.9487/ 1.9497 49.497/ 49.522	2.1295/ 2.1305 54.089/ 54.115	0.9900 25.15	0.0891 2.263	
	S 524/3	2	3-4	1.9487/ 1.9497 49.497/ 49.522	2.1195/ 2.1205 53.835/ 53.861	0.9900 25.15	0.0841 2.136	
CS4404BB years 65-66 ACL:5C615S CLE:SH- 615S DUR:CH-9A FMO:1225M								
MB 556HP STD/001/009/010/011/020/030/010X/02 ACL:5M829H- CLE:MS-829H- FMO:141M-	M 556U/PR M 556L/PRH	4 Pairs	1-2-3-4	2.7482/ 2.7492 69.804/ 69.830	2.9370/ 2.9380 74.600/ 74.625	1.0470 26.59	0.0934 2.372	
	F 556U/PR F 556L/PRH	1 Pair	5	2.7478/ 2.7488 69.794/ 69.820	2.9370/ 2.9380 74.600/ 74.625	1.8110 46.00	0.0934 2.372	
MB 556XP STD/001/010/011/020/030/010X/020X/S ACL:5M829H CLE:MS-829H FMO:141M	M 556U/PR M 556L/PR	4 Pairs	1-2-3-4	2.7482/ 2.7492 69.804/ 69.830	2.9370/ 2.9380 74.600/ 74.625	1.0470 26.59	0.0934 2.372	
	F 556U/PR F 556L/PR	1 Pair	5	2.7478/ 2.7488 69.794/ 69.820	2.9370/ 2.9380 74.600/ 74.625	1.8110 46.00	0.0934 2.372	

Engine Index: GENERAL MOTORS PRODUCTS

Engine-Code	Years	Cyl	CC	Line
		0	0	11
		0	0	32
G10 L3 Suzuki 61CI /1.0Liter,	01/1985-	3	993	1
G10T L3 Suzuki 61CI /1.0Liter,	01/1987-	3	993	1
G13A L4 Suzuki 79CI /1.3Liter,	01/1992-	4	1298	2
G13B L4 Suzuki 79CI /1.3Liter,	01/1998-	4	1298	2
LX3 L4 85CI /1.4Liter, SOHC, 8	01/1976-	4	1393	7
4XC1 L4 Isuzu 90CI /1.5Liter,	01/1985-	4	1471	3
4XC1-T L4 Isuzu 90CI /1.5Liter,	01/1987-	4	1471	3
4AFE L4 Toyota 97CI /1.6Liter,	01/1989-	4	1587	4
4ALC L4 Toyota 97CI /1.6Liter,	01/1985-	4	1587	4
4AGE L4 Toyota 97CI /1.6Liter,	01/1988-	4	1587	5
G16KC L4 Suzuki 97CI /1.6Liter,	01/1989-	4	1590	6
G16KV L4 Suzuki 97CI /1.6Liter,	01/1994-	4	1590	6
G16KV L4 Suzuki 97CI /1.6Liter,	01/1999-	4	1590	6
98CI /1.6Liter L4 SOHC, 8	01/1976-	4	1600	7
7AFE L4 Toyota 108CI /7.8Liter,	01/1993-	4	1762	8
1ZZFE L4 Toyota 109CI /1.8Liter,	01/1998-	4	1794	9
4XF1 L4 Isuzu 110CI /1.8Liter,	01/1992-	4	1808	10
G180Z L4 Isuzu 111CI /1.8Liter,	01/1972-	4	1817	14
112CI /1.8Liter L4 OHV, 8	01/1982-	4	1835	11
112CI /1.8Liter L4 Opel SOHC, 8	01/1982-	4	1835	12
112CI /1.8Liter L4 Opel SOHC, 8	01/1984-	4	1835	12

Engine-Code	Years	Cyl	CC	Line
116CI /1.9Liter L4 SOHC, 8	01/1991-	4	1901	13
116CI /1.9Liter L4 DOHC, 16	01/1991-	4	1901	13
119CI /1.9Liter L4 Isuzu SOHC, 8	01/1982-	4	1950	14
121CI /2.0Liter L4 OHV, 8	01/1987-	4	1989	15
121CI /2.0Liter L4 OHV, 8	01/1983-	4	1989	16
J20 L4 Suzuki 122CI /2.0Liter,	01/1999-	4	1995	17
122CI /2.0Liter L4 Opel SOHC, 8	01/1987-	4	1998	18
122CI /2.0Liter L4 Opel SOHC, 8	01/1987-	4	1998	18
LNF L4 122CI /2.0Liter,	01/2007-	4	1998	24
LSJ L4 122CI /2.0Liter, ECOTEC,	01/2005-	4	1998	24
122CI /2.0Liter L4 COSWORTH,	01/1975-	4	1999	23
LN2 L4 134CI /2.2Liter, OHV, 8	01/1992-	4	2190	19
LN2 L4 134CI /2.3Liter, OHV, 8	01/1998-	4	2190	20
L42,L61,LAP L4 134CI /2.3Liter,	01/2000-	4	2198	24
C223 L4 Isuzu 137CI /2.2Liter,	01/1981-	4	2238	21
L40 L4 138CI /2.3Liter, SOHC, 8	01/1992-	4	2260	22
LD2,LF0 L4 138CI /2.3Liter,	01/1987-	4	2260	22
140CI /2.3Liter L4 SOHC, 8	01/1971-	4	2294	23
LAF,LAT,LE5,LE9 L4 145CI	01/2006-	4	2384	24
LD9 L4 146CI /2.4Liter, DOHC,	01/1996-	4	2392	25
L68 L4 151CI /2.5Liter, OHV, 8	01/1985-	4	2474	26
151CI /2.5Liter L4 OHV, 8	01/1985-	4	2474	27
151CI /2.5Liter L4 OHV, 8	01/1985-	4	2474	27

Engine-Code	Years	Cyl	CC	Line
151CI /2.5Liter L4 OHV, 8	01/1977-	4	2474	27
153CI /2.5Liter L4 OHV, 8	01/1962-	4	2507	28
LK5 L4 169CI /2.8Liter, VORTEC,	01/2004-	4	2770	29
LP1 V6 170CI /2.8Liter, DOHC,	01/2005-	6	2792	38
173CI /2.8Liter L6 Second	01/1985-	6	2835	34
173CI /2.8Liter V6 First Design-	01/1980-	6	2835	30
L81 V6 Opel 181CI /3.0Liter,	01/1997-	6	2962	31
181CI /3.0Liter V6 OHV, 12	01/1982-	6	2966	47
LF1 V6 182CI /3.0Liter, DOHC,	01/2010-	6	2982	38
189CI /3.1Liter V6 OHV, 12	01/1989-	6	3097	34
L82,LG6,LG8,LJ0,L64 V6 189CI	01/1988-	6	3097	34
194CI /3.2Liter V6 OHV, 12	01/1962-	6	3180	45
195CI /3.2Liter L4 OHV, 8	01/1961-	4	3194	32
LC9 V6 196CI /3.2Liter, OHV, 12	01/1978-	6	3211	47
6I,JL,JZ V6 198CI /3.2Liter, OHV,	01/1962-	6	3245	33
200CI /3.3Liter V6 OHV, 12	01/1978-	6	3277	39
204CI /3.3Liter V6 OHV, 12	01/1989-	6	3342	40
LA1,L32,LN7 V6 207CI /3.4Liter,	01/1993-	6	3392	34
LQ1 V6 207CI /3.4Liter, DOHC,	01/1991-	6	3393	35
L52 L5 211CI /3.5Liter, VORTEC,	01/2004-	5	3460	36
215CI /3.5Liter L6 OHV, 12	01/1964-	6	3524	46
215CI /3.5Liter V8 OHV, 16	01/1961-	8	3528	37
LY7 ALLOYTEC V6 217CI	01/2004-	6	3564	38
HH,KH,KJ,LH,LJ,MH,MK,NH V6	01/1964-	6	3687	41
228CI /3.1Liter L6 OHV, 12	01/1940-	6	3736	51
228CI /3.7Liter L6 OHV, 12	01/1952-	6	3736	57
229CI /3.8Liter V6 OHV, 12	01/1980-	6	3752	39
230CI /3.8Liter V6 OHV, 12	01/1962-	6	3769	45
230CI /3.8Liter L6 SOHC, 12	01/1966-	6	3769	46
231CI /3.8Liter V6 OHV, 12	01/1984-	6	3800	47
231CI /3.8Liter V6 OHV, 12	01/1977-	6	3800	47
231CI /3.8Liter V6 OHV, 12	01/1978-	6	3800	47
231CI /3.8Liter V6 OHV, 12	01/1991-	6	3800	40
231CI /3.8Liter V6 W/ 1/2" main	01/1990-	6	3800	40
231CI /3.8Liter V6 OHV, 12	01/1991-	6	3800	40
231CI /3.8Liter V6 w/ odd fire	01/1975-	6	3800	41
231CI /3.8Liter V6 OHV, 12	01/1995-	6	3800	42
231CI /3.8Liter V6 w/ 7/16" main	01/1995-	6	3800	42
231CI /3.8Liter V6 OHV, 12	01/1995-	6	3800	42
231CI /3.8Liter V6 w/ 7/16" main	01/1994-	6	3800	43
231CI /3.8Liter V6 OHV, 12	01/1994-	6	3800	43
235CI /3.9Liter L6 OHV, 12	01/1953-	6	3852	49
236CI /3.9Liter L6 OHV, 12	01/1942-	6	3867	51
L47 V8 244CI /4.0Liter, DOHC,	01/1995-	8	4000	52
248CI /4.1Liter L6 OHV, 12	01/1940-	6	4065	51
248CI /4.1Liter L8 OHV, 16	01/1949-	8	4065	44
248CI /4.1Liter L6 OHV, 12	01/1952-	6	4065	57
250CI /4.1Liter V8 OHV, 16	01/1982-	8	4096	55
250CI /4.1Liter V6 OHV, 12	01/1966-	6	4098	45
250CI /4.1Liter L6 SOHC, 12	01/1968-	6	4098	46
LC4 V6 252CI /4.1Liter, OHV, 12	01/1980-	6	4129	47
LL8, VORTEC L6 254CI /4.2Liter,	01/2002-	6	4157	48
256CI /4.2Liter L6 OHV, 12	01/1940-	6	4200	51
260CI /4.3Liter V8 OHV, 16	01/1975-	8	4260	69
261CI /4.3Liter L6 OHV, 12	01/1954-	6	4275	49
262CI /4.3Liter V8 OHV, 16	01/1975-	8	4291	63
262CI /4.3Liter V6 OHV, 12	01/1985-	6	4293	50
262CI /4.3Liter V6 OHV, 12	01/1990-	6	4293	50
262CI /4.3Liter V6 OHV, 12	01/1991-	6	4293	50
260CI /4.3Liter V8 OHV, 16	01/1979-	8	4300	61
L99 V8 265CI /4.3Liter, OHV, 16	01/1994-	8	4321	63
265CI /4.3Liter V8 OHV, 16	01/1955-	8	4340	59
265CI /4.3Liter V8 OHV, 16	01/1980-	8	4342	56
267CI /4.4Liter V8 OHV, 16	01/1979-	8	4375	63
270CI /4.4Liter L6 OHV, 12	01/1940-	6	4425	51

Engine-Code	Years	Cyl	CC	Line
270CI /4.4Liter L6 OHV, 12	01/1952-	6	4425	57
273CI /4.5Liter V8 OHV, 16	01/1988-	8	4473	55
L37,LD8,LH2 V8 279CI /4.6Liter,	01/1993-	8	4565	52
283CI /4.7Liter V8 OHV, 16	01/1957-	8	4638	59
287CI /4.7Liter V8 OHV, 16	01/1955-	8	4707	65
292CI /4.8Liter L6 OHV, 12	01/1963-	6	4785	53
L20,LY2,LR4 V8 294CI /4.8Liter,	01/1999-	8	4817	64
KL,KP,LL,LP,ML,NL V8 300CI	01/1964-	8	4914	54
L26 V8 300CI /4.9Liter, OHV, 16	01/1991-	8	4916	55
301CI /4.9Liter V8 OHV, 16	01/1977-	8	4932	56
301CI /4.9Liter V8 OHV, 16	01/1980-	8	4932	56
302CI /5.0Liter V8 OHV, 16	01/1968-	8	4949	63
302CI /5.0Liter V8 OHV, 16	01/1967-	8	4949	59
303CI /5.0Liter V8 OHV, 16	01/1950-	8	4963	58
L30,LB9,LG2,LG4,LO3 V8 305CI	01/1976-	8	4998	63
302CI /5.0Liter L6 OHV, 12	01/1952-	6	5000	57
307CI /5.0Liter V8 OHV, 16	01/1980-	8	5030	69
307CI /5.0Liter V8 OHV, 16	01/1968-	8	5031	63
316CI /5.2Liter V8 OHV, 16	01/1955-	8	5179	65
324CI /5.3Liter V8 OHV, 16	01/1954-	8	5310	58
LS4 V8 325CI /5.3Liter, w/	01/2005-	8	5328	64
326CI /5.3Liter V8 OHV, 16	01/1963-	8	5343	68
327CI /5.4Liter V8 OHV, 16	01/1968-	8	5358	63
327CI /5.4Liter V8 OHV, 16	01/1962-	8	5358	59
330CI /5.4Liter V8 Second	01/1964-	8	5405	69
330CI /5.4Liter V8 First Series,	01/1964-	8	5405	60
336CI /5.5Liter V8 OHV, 16	01/1958-	8	5506	65
MA,MB,NA,NB V8 340CI	01/1966-	8	5573	62
LS6 V8 346CI /5.7Liter, w/	01/2001-	8	5665	64
LS1 V8 346CI /5.7Liter, GEN III	01/1997-	8	5666	64
347CI /5.7Liter V8 OHV, 16	01/1957-	8	5687	65
348CI /5.7Liter V8 OHV, 16	01/1958-	8	5704	71
350CI /5.7Liter V8 OHV, 16	01/1968-	8	5733	68
350CI /5.7Liter V8 OHV, 16	01/1968-	8	5735	69
350CI /5.7Liter V8 OHV, 16	01/1978-	8	5735	61
350CI /5.7Liter V8 OHV, 16	01/1968-	8	5735	62
L31,L98,LF5,LL0,LO5,LT1 V8	01/1967-	8	5738	63
LS2,LY6,LQ9,L76 V8 364CI	01/1999-	8	5967	64
366CI /6.0Liter V8 OHV, 16	01/1966-	8	5999	76
370CI /6.1Liter V8 OHV, 16	01/1958-	8	6064	65
379CI /6.2Liter V8 OHV, 16	01/1982-	8	6210	66
389CI /6.4Liter V8 OHV, 16	01/1959-	8	6376	68
395CI /6.5Liter V8 OHV, 16	01/1994-	8	6472	66
395CI /6.5Liter V8 OHV, 16	01/1992-	8	6472	66
396CI /6.6Liter V8 OHV, 16	01/1965-	8	6489	76
400CI /6.6Liter V8 OHV, 16	01/1965-	8	6552	73
400CI /6.6Liter V8 OHV, 16	01/1967-	8	6555	72
400CI /6.6Liter V8 OHV, 16	01/1970-	8	6555	67
400CI /6.6Liter V8 OHV, 16	01/1967-	8	6556	68
402CI /6.6Liter V8 OHV, 16	01/1970-	8	6588	76
403CI /6.6Liter V8 OHV, 16	01/1977-	8	6603	69
DURAMAX, LB7,LLY,LMM,LBZ	01/2001-	8	6603	70
409CI /6.7Liter V8 OHV, 16	01/1961-	8	6704	71
421CI /6.9Liter V8 OHV, 16	01/1963-	8	6900	74
425CI /7.0Liter V8 OHV, 16	01/1965-	8	6966	73
427CI /7.0Liter V8 OHV, 16	01/1966-	8	6997	76
428CI /7.0Liter V8 OHV, 16	01/1967-	8	7014	74
MD,ND,PD,RD,RO V8 430CI	01/1967-	8	7047	72
L19,L21,L29,LP4, VORTEC V8	01/1970-	8	7439	76
455CI /7.5Liter V8 OHV, 16	01/1970-	8	7456	72
455CI /7.5Liter V8 OHV, 16	01/1965-	8	7456	73
455CI /7.5Liter V8 OHV, 16	01/1970-	8	7456	74
455CI /7.5Liter V8 OHV, 16	01/1971-	8	7456	74
L18 V8 496CI /8.1Liter, VORTEC,	01/2001-	8	8135	75
502CI /8.2Liter V8 GEN IV, V, VI,	01/1990-	8	8200	76

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Car Model Index: GENERAL MOTORS PRODUCTS

Model	Engine	Years	Cyl	CC	Line
100	287CI /4.7Liter V8		8	4707	65
100	336CI /5.5Liter V8		8	5506	65
150, 250, PM150	287CI /4.7Liter V8		8	4707	65
150, 250, PM150	336CI /5.5Liter V8		8	5506	65
4, 6, 3100, 3200, 3600,	235CI /3.9Liter L6		6	3852	49
6, C10, C20, C30, C60,	261CI /4.3Liter L6		6	4275	49
6000	151CI /2.5Liter L4		4	2474	27
Acadia	LY7 ALLOYTEC V6		6	3564	38
Acadian	LX3 L4 85CI		4	1393	7
Acadian	98CI /1.6Liter L4	1981-87	4	1600	7
Achieva	L40 L4 138CI	1992-94	4	2260	22
Achieva	LD2,LF0 L4 138CI	1992-95	4	2260	22
Achieva	204CI /3.3Liter V6	1992-93	6	3342	40
Achieva	LD9 L4 146CI	1996-	4	2392	25
Alero	LD9 L4 146CI	1999-	4	2392	25
Alero	L42,L61,LAP L4		4	2198	24
Allante	250CI /4.1Liter V8	1987-88	8	4096	55
Allante	273CI /4.5Liter V8	1989-92	8	4473	55
Allante, Aurora	L47 V8 244CI		8	4000	52
Allure	LY7 ALLOYTEC V6		6	3564	38
Apollo	231CI /3.8Liter V6	1975	6	3800	47
Apollo	250CI /4.1Liter V6		6	4098	45
Apollo	260CI /4.3Liter V8	1975	8	4260	69
Apollo, Bonneville,	350CI /5.7Liter V8		8	5735	62
Astro	151CI /2.5Liter L4		4	2474	27
Astro	262CI /4.3Liter V6	1991-99	6	4293	50
Astro	262CI /4.3Liter V6		6	4293	50
Aura	LY7 ALLOYTEC V6		6	3564	38
Aura, ION, SKY, VUE	LAF,LAT,LE5,LE9		4	2384	24
Avalanche	L18 V8 496CI	2002-05	8	8135	75
B6, B6000, B7000	366CI /6.0Liter V8		8	5999	76
B6, B6000, B7000	427CI /7.0Liter V8		8	6997	76
B7, C-K Series,	L18 V8 496CI		8	8135	75
B7500	L19,L21,L29,LP4,		8	7439	76
Beauville	265CI /4.3Liter V8		8	4340	59
Beauville	283CI /4.7Liter V8		8	4638	59
Beauville, Bel Air	235CI /3.9Liter L6		6	3852	49
Bel Air	230CI /3.8Liter V6	1962-65	6	3769	45
Bel Air	250CI /4.1Liter V6	1966-75	6	4098	45
Bel Air	307CI /5.0Liter V8	1968-73	8	5031	63
Bel Air	265CI /4.3Liter V8	1955-57	8	4340	59
Bel Air	283CI /4.7Liter V8	1957-67	8	4638	59
Bel Air	348CI /5.7Liter V8	1958-61	8	5704	71
Bel Air	409CI /6.7Liter V8	1961-65	8	6704	71
Bel Air	396CI /6.6Liter V8	1965-69	8	6489	76
Bel Air	427CI /7.0Liter V8	1966-69	8	6997	76
Bel Air	L19,L21,L29,LP4,	1970-75	8	7439	76
Bel Air, Biscayne	327CI /5.4Liter V8		8	5358	59
Bel Air, Biscayne,	L31,L98,LF5,LL0,L		8	5738	63
Bel Air, Biscayne,	400CI /6.6Liter V8		8	6555	67
Beretta	121CI /2.0Liter L4	1987-89	4	1989	15
Beretta	LN2 L4 134CI	1990-96	4	2190	19
Beretta	LD2,LF0 L4 138CI	1989-93	4	2260	22
Beretta	173CI /2.8Liter L6	1987-89	6	2835	34
Biscayne	230CI /3.8Liter V6	1962-65	6	3769	45
Biscayne	250CI /4.1Liter V6	1966-72	6	4098	45
Biscayne	307CI /5.0Liter V8	1968-72	8	5031	63
Biscayne	283CI /4.7Liter V8	1959-67	8	4638	59
Biscayne	348CI /5.7Liter V8	1959-61	8	5704	71

Model	Engine	Years	Cyl	CC	Line
Biscayne	409CI /6.7Liter V8	1961-65	8	6704	71
Biscayne	396CI /6.6Liter V8	1965-69	8	6489	76
Biscayne	427CI /7.0Liter V8	1966-69	8	6997	76
Biscayne	L19,L21,L29,LP4,	1970-72	8	7439	76
Blazer	250CI /4.1Liter V6	1970-80	6	4098	45
Blazer	262CI /4.3Liter V6	1991-99	6	4293	50
Blazer	350CI /5.7Liter V8		8	5735	61
Blazer	307CI /5.0Liter V8	1970-73	8	5031	63
Blazer	L19,L21,L29,LP4,	1973-94	8	7439	76
Blazer, Bonneville,	L30,LB9,LG2,LG4,		8	4998	63
Blazer, C10, C20, C30	379CI /6.2Liter V8		8	6210	66
Blazer, C10, C20, C30	395CI /6.5Liter V8		8	6472	66
Blazer, C20, C30,	292CI /4.8Liter L6		6	4785	53
Bonneville	LC4 V6 252CI	1982-83	6	4129	47
Bonneville	262CI /4.3Liter V6	1985-88	6	4293	50
Bonneville	307CI /5.0Liter V8	1981	8	5030	69
Bonneville	403CI /6.6Liter V8	1977-79	8	6603	69
Bonneville	350CI /5.7Liter V8	1980-85	8	5735	61
Bonneville	301CI /4.9Liter V8	1977-81	8	4932	56
Bonneville	389CI /6.4Liter V8	1959-66	8	6376	68
Bonneville	400CI /6.6Liter V8	1967-79	8	6556	68
Bonneville	421CI /6.9Liter V8	1963-66	8	6900	74
Bonneville	428CI /7.0Liter V8	1967-69	8	7014	74
Bonneville, Brougham	L31,L98,LF5,LL0,L		8	5738	63
Bonneville, Camaro,	231CI /3.8Liter V6		6	3800	40
Bonneville, Caprice, El	400CI /6.6Liter V8		8	6555	67
Bonneville, Catalina	350CI /5.7Liter V8		8	5733	68
Bonneville, Catalina,	265CI /4.3Liter V8		8	4342	56
Bonneville,	455CI /7.5Liter V8		8	7456	74
Bonneville, Century,	231CI /3.8Liter V6		6	3800	40
Bonneville, Deville, DTS	L37,LD8,LH2 V8		8	4565	52
Bonneville, Grand Prix	231CI /3.8Liter V6		6	3800	40
Bravada	LL8, VORTEC L6	2002-	6	4157	48
Bravado	262CI /4.3Liter V6	1991-94	6	4293	50
Brookwood	283CI /4.7Liter V8		8	4638	59
Brookwood, C10, C20	235CI /3.9Liter L6		6	3852	49
Brookwood, C80	409CI /6.7Liter V8		8	6704	71
Brookwood, Del Ray	348CI /5.7Liter V8		8	5704	71
Buick	248CI /4.1Liter L8	1949-50	8	4065	44
C / K Series, Express,	DURAMAX,		8	6603	70
C10 , C1500	350CI /5.7Liter V8		8	5735	61
C10 , C20 , C30 ,	396CI /6.6Liter V8		8	6489	76
C10 , C20 , C30 ,	250CI /4.1Liter V6		6	4098	45
C10, C20, C30	283CI /4.7Liter V8		8	4638	59
C10, C20, C30, C1500	L30,LB9,LG2,LG4,		8	4998	63
C10, C20, C30, C1500	307CI /5.0Liter V8		8	5031	63
C10, C20, C30, C1500	395CI /6.5Liter V8		8	6472	66
C10, C20, C30, C1500,	262CI /4.3Liter V6		6	4293	50
C10, C20, C30, C1500,	L19,L21,L29,LP4,		8	7439	76
C10, C20, C30, C50	230CI /3.8Liter V6		6	3769	45
C10, C20, C30, C50,	L31,L98,LF5,LL0,L		8	5738	63
C10, C20, C30, CE50,	327CI /5.4Liter V8		8	5358	63
C10, C20, C30, CE50,	327CI /5.4Liter V8		8	5358	59
C1500, C2500, C3500	402CI /6.6Liter V8		8	6588	76
C1500, C2500, C3500	379CI /6.2Liter V8		8	6210	66
C1500, C2500, C3500	395CI /6.5Liter V8		8	6472	66
C1500, C2500, C3500,	L31,L98,LF5,LL0,L		8	5738	63
C2500 , C3500	396CI /6.6Liter V8		8	6489	76
C2500, C3500	292CI /4.8Liter L6		6	4785	53

CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

Model	Engine	Years	Cyl	CC	Line
C2500, C3500	307CI /5.0Liter V8		8	5031	63
C2500, C3500,	L30,LB9,LG2,LG4,		8	4998	63
C2500, C3500, Express	395CI /6.5Liter V8		8	6472	66
C30, C40, C50, Del Ray	235CI /3.9Liter L6		6	3852	49
C3500	262CI /4.3Liter V6		6	4293	50
C3500, C6500, C7500,	L19,L21,L29,LP4,		8	7439	76
C50, C60, C65, C70,	366CI /6.0Liter V8		8	5999	76
C50, C60, C65, C70,	427CI /7.0Liter V8		8	6997	76
C50, C60, C65, C70,	L19,L21,L29,LP4,		8	7439	76
C5000, C6000, G20,	292CI /4.8Liter L6		6	4785	53
C5500, C6000, C7000	366CI /6.0Liter V8		8	5999	76
C5500, C6000, C7000	427CI /7.0Liter V8		8	6997	76
C5500, C6000, C7000,	L19,L21,L29,LP4,		8	7439	76
C6000, CE40, CE50,	L31,L98,LF5,LL0,L		8	5738	63
C7500, C8500	427CI /7.0Liter V8		8	6997	76
C7500, C8500, Kodiak	366CI /6.0Liter V8		8	5999	76
C8500, Camaro	L19,L21,L29,LP4,		8	7439	76
CTC	LY7 ALLOYTEC V6		6	3564	38
CTS	LP1 V6 170CI		6	2792	38
CTS	LF1 V6 182CI		6	2982	38
CTS	LY7 ALLOYTEC V6		6	3564	38
CTS-V, Corvette	LS6 V8 346CI		8	5665	64
CTS-V, Escalade,	LS2,LY6,LQ9,L76		8	5967	64
Caballera	231CI /3.8Liter V6	1978-84	6	3800	47
Caballera	262CI /4.3Liter V6	1985-87	6	4293	50
Caballera	350CI /5.7Liter V8	1982-84	8	5735	61
Caballera	267CI /4.4Liter V8	1979-82	8	4375	63
Caballera, Camaro,	L31,L98,LF5,LL0,L		8	5738	63
Calais	LD2,LF0 L4 138CI	1987-91	4	2260	22
Calais	L68 L4 151CI	1985-91	4	2474	26
Calais	181CI /3.0Liter V6	1985-88	6	2966	47
Camaro	151CI /2.5Liter L4		4	2474	27
Camaro	173CI /2.8Liter L6	1982-89	6	2835	34
Camaro	173CI /2.8Liter V6		6	2835	30
Camaro	231CI /3.8Liter V6	1995-98	6	3800	47
Camaro	230CI /3.8Liter V6	1967-70	6	3769	45
Camaro	250CI /4.1Liter V6	1967-79	6	4098	45
Camaro	267CI /4.4Liter V8	1980-81	8	4375	63
Camaro	302CI /5.0Liter V8		8	4949	63
Camaro	307CI /5.0Liter V8	1968-73	8	5031	63
Camaro	327CI /5.4Liter V8	1967-69	8	5358	63
Camaro	283CI /4.7Liter V8	1967	8	4638	59
Camaro	302CI /5.0Liter V8		8	4949	59
Camaro	396CI /6.6Liter V8	1967-70	8	6489	76
Camaro	402CI /6.6Liter V8	1970-72	8	6588	76
Camaro	427CI /7.0Liter V8		8	6997	76
Camaro	LY7 ALLOYTEC V6		6	3564	38
Camaro, Caprice,	L30,LB9,LG2,LG4,		8	4998	63
Camaro, Corvette	LS1 V8 346CI		8	5666	64
Caprice	231CI /3.8Liter V6	1978-87	6	3800	47
Caprice	250CI /4.1Liter V6	1973-79	6	4098	45
Caprice	262CI /4.3Liter V6	1985-94	6	4293	50
Caprice	307CI /5.0Liter V8	1986-90	8	5030	69
Caprice	350CI /5.7Liter V8	1980-85	8	5735	61
Caprice	L99 V8 265CI	1994-96	8	4321	63
Caprice	267CI /4.4Liter V8	1979-82	8	4375	63
Caprice	307CI /5.0Liter V8	1968-72	8	5031	63
Caprice	327CI /5.4Liter V8	1966-69	8	5358	63
Caprice	283CI /4.7Liter V8	1966-67	8	4638	59
Caprice	396CI /6.6Liter V8	1966-69	8	6489	76
Caprice	402CI /6.6Liter V8	1970-72	8	6588	76
Caprice	427CI /7.0Liter V8	1966-69	8	6997	76
Caprice	L19,L21,L29,LP4,	1970-72	8	7439	76
Caprice, Chevelle,	327CI /5.4Liter V8		8	5358	59
Catalina	231CI /3.8Liter V6		6	3800	47

Model	Engine	Years	Cyl	CC	Line
Catalina	307CI /5.0Liter V8	1981	8	5030	69
Catalina	403CI /6.6Liter V8	1977-79	8	6603	69
Catalina	350CI /5.7Liter V8	1980-81	8	5735	61
Catalina	301CI /4.9Liter V8	1977-81	8	4932	56
Catalina	389CI /6.4Liter V8	1959-66	8	6376	68
Catalina	400CI /6.6Liter V8	1967-79	8	6556	68
Catalina	421CI /6.9Liter V8	1963-66	8	6900	74
Catalina	428CI /7.0Liter V8	1967-69	8	7014	74
Catalina, Century	350CI /5.7Liter V8		8	5735	69
Catalina, Century,	L31,L98,LF5,LL0,L		8	5738	63
Catera	L81 V6 Opel 181CI		6	2962	31
Cavailler	121CI /2.0Liter L4		4	1989	15
Cavalier	112CI /1.8Liter L4	1982	4	1835	11
Cavalier	121CI /2.0Liter L4	1983-89	4	1989	16
Cavalier	LN2 L4 134CI	1990-99	4	2190	19
Cavalier	LD2,LF0 L4 138CI	1995	4	2260	22
Cavalier	173CI /2.8Liter L6	1985-89	6	2835	34
Cavalier	LD9 L4 146CI	1996-	4	2392	25
Cavalier	L42,L61,LAP L4		4	2198	24
Celebrity	151CI /2.5Liter L4		4	2474	27
Celebrity	173CI /2.8Liter L6	1982-89	6	2835	34
Celebrity	173CI /2.8Liter V6		6	2835	30
Centurian	455CI /7.5Liter V8	1971-73	8	7456	72
Centurian, Century,	350CI /5.7Liter V8		8	5735	62
Century	LN2 L4 134CI	1993-96	4	2190	19
Century	173CI /2.8Liter L6	1982-89	6	2835	34
Century	173CI /2.8Liter V6		6	2835	30
Century	181CI /3.0Liter V6	1982-85	6	2966	47
Century	LC9 V6 196CI	1978-79	6	3211	47
Century	204CI /3.3Liter V6	1989-93	6	3342	40
Century	403CI /6.6Liter V8	1977	8	6603	69
Century	267CI /4.4Liter V8		8	4375	63
Century	301CI /4.9Liter V8	1977-81	8	4932	56
Century	455CI /7.5Liter V8	1973-76	8	7456	72
Century, Chevelle,	L30,LB9,LG2,LG4,		8	4998	63
Century, Commercial	LC4 V6 252CI		6	4129	47
Century, Firebird,	231CI /3.8Liter V6		6	3800	47
Chevelle	194CI /3.2Liter V6	1964-66	6	3180	45
Chevelle	230CI /3.8Liter V6	1964-69	6	3769	45
Chevelle	250CI /4.1Liter V6	1967-77	6	4098	45
Chevelle	307CI /5.0Liter V8	1968-73	8	5031	63
Chevelle	327CI /5.4Liter V8	1964-68	8	5358	63
Chevelle	283CI /4.7Liter V8	1964-67	8	4638	59
Chevelle	396CI /6.6Liter V8	1966-70	8	6489	76
Chevelle	402CI /6.6Liter V8	1970-72	8	6588	76
Chevelle	L19,L21,L29,LP4,	1970-76	8	7439	76
Chevette	LX3 L4 85CI	1976-77	4	1393	7
Chevette	98CI /1.6Liter L4	1976-87	4	1600	7
Chevrolet Colorado	LK5 L4 169CI	2004-	4	2770	29
Chevrolet Colorado	L52 L5 211CI	2004-	5	3460	36
Chevy II	153CI /2.5Liter L4	1962-70	4	2507	28
Chevy II	194CI /3.2Liter V6	1962-67	6	3180	45
Chevy II	230CI /3.8Liter V6	1964-70	6	3769	45
Chevy II	250CI /4.1Liter V6	1967-70	6	4098	45
Chevy II	307CI /5.0Liter V8	1968-70	8	5031	63
Chevy II	327CI /5.4Liter V8	1965-68	8	5358	63
Chevy II	283CI /4.7Liter V8	1962-67	8	4638	59
Chieftain	287CI /4.7Liter V8	1955	8	4707	65
Chieftain	370CI /6.1Liter V8	1958	8	6064	65
Chieftain, 100, 150, 250	347CI /5.7Liter V8		8	5687	65
Chieftain, PM150	316CI /5.2Liter V8		8	5179	65
Ciera	151CI /2.5Liter L4		4	2474	27
Cimaron	112CI /1.8Liter L4	1982	4	1835	11
Citation	151CI /2.5Liter L4		4	2474	27
Citation	173CI /2.8Liter V6		6	2835	30

Model	Engine	Years	Cyl	CC	Line
Classic	L42,L61,LAP L4		4	2198	24
Cobalt	L42,L61,LAP L4		4	2198	24
Cobalt, HHR, ION,	LNF L4 122CI		4	1998	24
Commercial Chassis	250CI /4.1Liter V8	1985-87	8	4096	55
Commercial Chassis	273CI /4.5Liter V8	1988-90	8	4473	55
Corsica	121CI /2.0Liter L4	1987-89	4	1989	15
Corsica	LN2 L4 134CI	1990-96	4	2190	19
Corsica	173CI /2.8Liter L6	1987-89	6	2835	34
Corvette	327CI /5.4Liter V8	1962-68	8	5358	63
Corvette	265CI /4.3Liter V8	1955-56	8	4340	59
Corvette	283CI /4.7Liter V8	1957-61	8	4638	59
Corvette	396CI /6.6Liter V8	1965	8	6489	76
Corvette	427CI /7.0Liter V8	1966-69	8	6997	76
Corvette	L19,L21,L29,LP4,	1970-74	8	7439	76
Corvette, Custom	L31,L98,LF5,LL0,L		8	5738	63
Corvette, El Camino	327CI /5.4Liter V8		8	5358	59
Custom Cruiser	403CI /6.6Liter V8	1977-79	8	6603	69
Custom Cruiser	350CI /5.7Liter V8	1978-85	8	5735	61
Custom Cruiser, Cutlass	307CI /5.0Liter V8		8	5030	69
Custom Cruiser, Cutlass	350CI /5.7Liter V8		8	5735	69
Custom Cruiser, Cutlass	L30,LB9,LG2,LG4,		8	4998	63
Custom Cruiser, Cutlass	455CI /7.5Liter V8		8	7456	73
Custom Star Chief	389CI /6.4Liter V8		8	6376	68
Cutlass	LD2,LF0 L4 138CI	1990-92	4	2260	22
Cutlass	173CI /2.8Liter L6	1988-89	6	2835	34
Cutlass	231CI /3.8Liter V6	1977-88	6	3800	47
Cutlass	250CI /4.1Liter V6	1968-76	6	4098	45
Cutlass	LQ1 V6 207CI	1991-96	6	3393	35
Cutlass	330CI /5.4Liter V8	1964-67	8	5405	69
Cutlass	403CI /6.6Liter V8	1977-79	8	6603	69
Cutlass	260CI /4.3Liter V8	1975-82	8	4300	61
Cutlass	350CI /5.7Liter V8	1979-85	8	5735	61
Cutlass	267CI /4.4Liter V8	1981-82	8	4375	63
Cutlass Ciera	173CI /2.8Liter L6	1982-89	6	2835	34
Cutlass Ciera	LN2 L4 134CI	1993-96	4	2190	19
Cutlass Ciera	181CI /3.0Liter V6	1982-85	6	2966	47
Cutlass Ciera	204CI /3.3Liter V6	1989-93	6	3342	40
Cutlass, Delta 88,	260CI /4.3Liter V8		8	4260	69
Cutlass, F85	400CI /6.6Liter V8		8	6552	73
Del Ray	283CI /4.7Liter V8		8	4638	59
Delmont Eighty Eight	330CI /5.4Liter V8	1965-67	8	5405	69
Delta 88	181CI /3.0Liter V6	1986	6	2966	47
Delta 88	231CI /3.8Liter V6	1975-91	6	3800	47
Delta 88	307CI /5.0Liter V8		8	5030	69
Delta 88	403CI /6.6Liter V8	1977-79	8	6603	69
Delta 88	350CI /5.7Liter V8	1978-85	8	5735	61
Delta 88	301CI /4.9Liter V8	1978-79	8	4932	56
Delta 88, Dynamic 88	425CI /7.0Liter V8		8	6966	73
Delta 88, Eldorado,	350CI /5.7Liter V8		8	5735	69
Delta 88, Firebird	265CI /4.3Liter V8		8	4342	56
Delta 88, Ninety Eight	455CI /7.5Liter V8		8	7456	73
Deluxe	235CI /3.9Liter L6		6	3852	49
Deluxe 210	265CI /4.3Liter V8		8	4340	59
Deluxe 210	283CI /4.7Liter V8		8	4638	59
Deville	LC4 V6 252CI		6	4129	47
Deville	LC4 V6 252CI	1980-83	6	4129	47
Deville	250CI /4.1Liter V8	1982-87	8	4096	55
Deville	273CI /4.5Liter V8	1988-90	8	4473	55
Deville	L26 V8 300CI	1991-95	8	4916	55
Deville	350CI /5.7Liter V8	1979-84	8	5735	61
Eight Eight, F550, F600	324CI /5.3Liter V8		8	5310	58
Eight Eight, Ninety Eight	303CI /5.0Liter V8		8	4963	58
El Camino	231CI /3.8Liter V6	1978-84	6	3800	47
El Camino	250CI /4.1Liter V6	1967-77	6	4098	45
El Camino	262CI /4.3Liter V6	1985-87	6	4293	50

Model	Engine	Years	Cyl	CC	Line
El Camino	350CI /5.7Liter V8	1982-84	8	5735	61
El Camino	267CI /4.4Liter V8	1979-82	8	4375	63
El Camino	307CI /5.0Liter V8	1968-73	8	5031	63
El Camino	327CI /5.4Liter V8	1965-68	8	5358	63
El Camino	283CI /4.7Liter V8	1965-67	8	4638	59
El Camino	396CI /6.6Liter V8	1966-70	8	6489	76
El Camino	402CI /6.6Liter V8	1970-72	8	6588	76
El Camino	L19,L21,L29,LP4,	1970-76	8	7439	76
El Camino, Eldorado,	L30,LB9,LG2,LG4,		8	4998	63
El Camino, Escalade,	L31,L98,LF5,LL0,L		8	5738	63
El Camino, HU, Impala,	235CI /3.9Liter L6		6	3852	49
Eldorado	LC4 V6 252CI	1980-83	6	4129	47
Eldorado	250CI /4.1Liter V8	1982-87	8	4096	55
Eldorado	273CI /4.5Liter V8	1988-90	8	4473	55
Eldorado	L26 V8 300CI	1991-93	8	4916	55
Eldorado	350CI /5.7Liter V8	1980-85	8	5735	61
Eldorado, Lucerne, SRX	L37,LD8,LH2 V8		8	4565	52
Electra	231CI /3.8Liter V6	1981-98	6	3800	47
Electra	LC4 V6 252CI	1980-84	6	4129	47
Electra	307CI /5.0Liter V8	1980-85	8	5030	69
Electra	403CI /6.6Liter V8	1977-79	8	6603	69
Electra	350CI /5.7Liter V8	1980-85	8	5735	61
Electra	301CI /4.9Liter V8		8	4932	56
Electra	400CI /6.6Liter V8	1978-79	8	6556	68
Electra 225	MD,ND,PD,RD,RO	1967-69	8	7047	72
Electra 225	455CI /7.5Liter V8	1970-76	8	7456	72
Enclave	LY7 ALLOYTEC V6		6	3564	38
Envoy	262CI /4.3Liter V6	1998-99	6	4293	50
Envoy	LL8, VORTEC L6	2002-	6	4157	48
Equinox	LF1 V6 182CI		6	2982	38
Equinox	LY7 ALLOYTEC V6		6	3564	38
Estate Wagon	350CI /5.7Liter V8	1969-75	8	5735	69
Estate Wagon	403CI /6.6Liter V8	1977-79	8	6603	69
Estate Wagon	301CI /4.9Liter V8	1977-81	8	4932	56
Estate Wagon	455CI /7.5Liter V8	1970-76	8	7456	72
Estate Wagon, Gran	350CI /5.7Liter V8		8	5735	62
Executive	400CI /6.6Liter V8		8	6556	68
Executive	428CI /7.0Liter V8	1967-69	8	7014	74
Executive, Firebird	350CI /5.7Liter V8		8	5733	68
Express	262CI /4.3Liter V6	1996-99	6	4293	50
Express	L18 V8 496CI	2001-02	8	8135	75
Express 3500	L19,L21,L29,LP4,	1996-99	8	7439	76
Express, G10, G20,	395CI /6.5Liter V8		8	6472	66
Express, Savana, Sierra	L20,LY2,LR4 V8		8	4817	64
F350, F370, F450	336CI /5.5Liter V8		8	5506	65
F650, FM550, FM650,	324CI /5.3Liter V8		8	5310	58
F85	330CI /5.4Liter V8	1964-67	8	5405	69
F85	350CI /5.7Liter V8	1968-72	8	5735	69
F85, Jetstar	330CI /5.4Liter V8		8	5405	60
Fierbird, GTO	LS1 V8 346CI		8	5666	64
Fiero	151CI /2.5Liter L4		4	2474	27
Fiero	173CI /2.8Liter L6	1985-88	6	2835	34
Firebird	151CI /2.5Liter L4		4	2474	27
Firebird	173CI /2.8Liter L6	1982-89	6	2835	34
Firebird	173CI /2.8Liter V6		6	2835	30
Firebird	231CI /3.8Liter V6	1995-98	6	3800	47
Firebird	250CI /4.1Liter V6	1970-76	6	4098	45
Firebird	250CI /4.1Liter L6	1968-69	6	4098	46
Firebird	403CI /6.6Liter V8	1977-79	8	6603	69
Firebird	301CI /4.9Liter V8	1977-81	8	4932	56
Firebird	301CI /4.9Liter V8	1980-81	8	4932	56
Firebird	326CI /5.3Liter V8	1967	8	5343	68
Firebird	400CI /6.6Liter V8	1967-79	8	6556	68
Firebird, Fleetwood	L31,L98,LF5,LL0,L		8	5738	63
Firebird, Fleetwood,	L30,LB9,LG2,LG4,		8	4998	63

Model	Engine	Years	Cyl	CC	Line
Firebird, Grand AM	455CI /7.5Liter V8		8	7456	74
Firebird, Grand AM,	455CI /7.5Liter V8		8	7456	74
Firebird, Grand Prix,	231CI /3.8Liter V6		6	3800	40
Firebird, Tempest	230CI /3.8Liter L6		6	3769	46
Firefly	G10 L3 Suzuki	1985-99	3	993	1
Firenza	112CI /1.8Liter L4	1982	4	1835	11
Firenza	112CI /1.8Liter L4	1982-86	4	1835	12
Firenza	121CI /2.0Liter L4		4	1989	15
Firenza	121CI /2.0Liter L4	1983-88	4	1989	16
Firenza	122CI /2.0Liter L4	1987-88	4	1998	18
Firenza	173CI /2.8Liter L6	1985-88	6	2835	34
Fleetwood	LC4 V6 252CI	1980-83	6	4129	47
Fleetwood	250CI /4.1Liter V8	1982-87	8	4096	55
Fleetwood	273CI /4.5Liter V8	1988-90	8	4473	55
Fleetwood	L26 V8 300CI	1991-95	8	4916	55
Fleetwood	307CI /5.0Liter V8	1986-90	8	5030	69
G10	153CI /2.5Liter L4		4	2507	28
G10, G1000, P10	194CI /3.2Liter V6		6	3180	45
G10, G20, G1000,	230CI /3.8Liter V6		6	3769	45
G10, G20, G1500,	283CI /4.7Liter V8		8	4638	59
G10, G20, G30, G1500	L31,L98,LF5,LL0,L		8	5738	63
G10, G20, G30, G1500	379CI /6.2Liter V8		8	6210	66
G10, G20, G30, G1500	395CI /6.5Liter V8		8	6472	66
G10, G20, G30, G1500,	262CI /4.3Liter V6		6	4293	50
G10, G20, G30, G2500,	250CI /4.1Liter V6		6	4098	45
G10, G20, Jimmy	307CI /5.0Liter V8		8	5031	63
G1000	153CI /2.5Liter L4		4	2507	28
G1500, G2500, G3500,	395CI /6.5Liter V8		8	6472	66
G2500, G3500	L31,L98,LF5,LL0,L		8	5738	63
G2500, G3500	379CI /6.2Liter V8		8	6210	66
G2500, G3500, Jimmy	395CI /6.5Liter V8		8	6472	66
G2500, G3500, Jimmy,	292CI /4.8Liter L6		6	4785	53
G30, G1500, G2500,	L30,LB9,LG2,LG4,		8	4998	63
G30, G3500, Grand Prix	400CI /6.6Liter V8		8	6555	67
G30, G3500, Jimmy,	L19,L21,L29,LP4,		8	7439	76
G3500	262CI /4.3Liter V6		6	4293	50
G5, HHR, L100, L200,	L42,L61,LAP L4		4	2198	24
G6	LY7 ALLOYTEC V6		6	3564	38
G8	LY7 ALLOYTEC V6		6	3564	38
GMC Canyon	LK5 L4 169CI	2004-	4	2770	29
GMC Canyon	L52 L5 211CI	2004-	5	3460	36
GTO	400CI /6.6Liter V8	1967-73	8	6556	68
Gran Sport 455	455CI /7.5Liter V8	1970-72	8	7456	72
Grand Am	122CI /2.0Liter L4	1987-89	4	1998	18
Grand Am	L40 L4 138CI	1992-94	4	2260	22
Grand Am	LD2,LF0 L4 138CI	1988-95	4	2260	22
Grand Am	L68 L4 151CI	1985-91	4	2474	26
Grand Am	181CI /3.0Liter V6	1985-87	6	2966	47
Grand Am	231CI /3.8Liter V6		6	3800	47
Grand Am	204CI /3.3Liter V6	1992-93	6	3342	40
Grand Am	301CI /4.9Liter V8	1978-81	8	4932	56
Grand Am	400CI /6.6Liter V8	1973-75	8	6556	68
Grand Am	LD9 L4 146CI	1996-	4	2392	25
Grand Am	L42,L61,LAP L4		4	2198	24
Grand Am, Grand Prix,	L30,LB9,LG2,LG4,		8	4998	63
Grand Prix	LD2,LF0 L4 138CI	1990-92	4	2260	22
Grand Prix	173CI /2.8Liter L6	1988-89	6	2835	34
Grand Prix	231CI /3.8Liter V6	1997-98	6	3800	47
Grand Prix	LC4 V6 252CI	1982-83	6	4129	47
Grand Prix	262CI /4.3Liter V6	1985-87	6	4293	50
Grand Prix	LQ1 V6 207CI	1991-96	6	3393	35
Grand Prix	350CI /5.7Liter V8	1970-77	8	5735	69
Grand Prix	403CI /6.6Liter V8	1977	8	6603	69
Grand Prix	301CI /4.9Liter V8	1977-81	8	4932	56
Grand Prix	389CI /6.4Liter V8	1962-66	8	6376	68

Model	Engine	Years	Cyl	CC	Line
Grand Prix	400CI /6.6Liter V8	1967-77	8	6556	68
Grand Prix	421CI /6.9Liter V8	1963-66	8	6900	74
Grand Prix	428CI /7.0Liter V8	1967-69	8	7014	74
Grand Prix GXP	LS4 V8 325CI	2005-08	8	5328	64
Grand Prix, Grandville	455CI /7.5Liter V8		8	7456	74
Grand Prix, Impala,	231CI /3.8Liter V6		6	3800	40
Grand Prix, Laurentian	265CI /4.3Liter V8		8	4342	56
Grand Prix, Lemans	350CI /5.7Liter V8		8	5733	68
Grandville	400CI /6.6Liter V8	1971-75	8	6556	68
Grandville, Laurentian,	455CI /7.5Liter V8		8	7456	74
H3	L52 L5 211CI		5	3460	36
Hummer	L52 L5 211CI	2004-	5	3460	36
Hummer H1	395CI /6.5Liter V8	2002-04	8	6472	66
Hummer H2	LS2,LY6,LQ9,L76	2003-06	8	5967	64
Impala	230CI /3.8Liter V6	1962-65	6	3769	45
Impala	250CI /4.1Liter V6	1966-79	6	4098	45
Impala	262CI /4.3Liter V6	1985-86	6	4293	50
Impala	350CI /5.7Liter V8	1980-85	8	5735	61
Impala	267CI /4.4Liter V8	1979-82	8	4375	63
Impala	327CI /5.4Liter V8	1962-69	8	5358	63
Impala	283CI /4.7Liter V8	1958-67	8	4638	59
Impala	348CI /5.7Liter V8	1958-61	8	5704	71
Impala	409CI /6.7Liter V8	1961-65	8	6704	71
Impala	396CI /6.6Liter V8	1965-69	8	6489	76
Impala	402CI /6.6Liter V8	1970-72	8	6588	76
Impala	427CI /7.0Liter V8	1966-67	8	6997	76
Impala	LS4 V8 325CI	2006-09	8	5328	64
Impala, Jimmy	L31,L98,LF5,LL0,L		8	5738	63
Impala, Jimmy, K10	400CI /6.6Liter V8		8	6555	67
Impala, K10, K20, ME50	327CI /5.4Liter V8		8	5358	59
Impala, Monte Carlo	231CI /3.8Liter V6		6	3800	40
J2000	112CI /1.8Liter L4	1982	4	1835	11
J2000	112CI /1.8Liter L4	1982-86	4	1835	12
Jet Star 1, Ninety Eight	400CI /6.6Liter V8		8	6552	73
Jetstar 88	330CI /5.4Liter V8	1964-66	8	5405	69
Jimmy	250CI /4.1Liter V6		6	4098	45
Jimmy, K10, K20, K30	379CI /6.2Liter V8		8	6210	66
Jimmy, K10, K20,	262CI /4.3Liter V6		6	4293	50
Jimmy, K10, K20, K30,	L30,LB9,LG2,LG4,		8	4998	63
Jimmy, Laurentian	350CI /5.7Liter V8		8	5735	61
K10, K20	283CI /4.7Liter V8		8	4638	59
K10, K20, K30, K1500	396CI /6.6Liter V8		8	6489	76
K10, K20	230CI /3.8Liter V6		6	3769	45
K10, K20	L31,L98,LF5,LL0,L		8	5738	63
K10, K20, K1500,	250CI /4.1Liter V6		6	4098	45
K10, K20, K1500,	307CI /5.0Liter V8		8	5031	63
K10, K20, K30, K1500	L19,L21,L29,LP4,		8	7439	76
K10, K20, K30, K1500	395CI /6.5Liter V8		8	6472	66
K10, K20, K30, K1500	395CI /6.5Liter V8		8	6472	66
K10, K20, ME50	327CI /5.4Liter V8		8	5358	63
K1500, K2500, K3500	379CI /6.2Liter V8		8	6210	66
K1500, K2500, K3500	400CI /6.6Liter V8		8	6555	67
K1500, K2500, K3500,	292CI /4.8Liter L6		6	4785	53
K20, K30, K1500,	L19,L21,L29,LP4,		8	7439	76
K20, KU, L50, M,	235CI /3.9Liter L6		6	3852	49
K20, L60	261CI /4.3Liter L6		6	4275	49
K2500, K3500	396CI /6.6Liter V8		8	6489	76
K2500, K3500,	L30,LB9,LG2,LG4,		8	4998	63
K2500, K3500, Nova,	L19,L21,L29,LP4,		8	7439	76
K2500, K3500, P20,	395CI /6.5Liter V8		8	6472	66
K2500, K3500, P20,	395CI /6.5Liter V8		8	6472	66
K30, K1500, K2500,	L31,L98,LF5,LL0,L		8	5738	63
K3500	262CI /4.3Liter V6		6	4293	50
Kodiak, W7	427CI /7.0Liter V8		8	6997	76
L300, LS2, LW2, LW300	L81 V6 Opel 181CI		6	2962	31

Model	Engine	Years	Cyl	CC	Line
L50, P10, P20, P30,	230CI /3.8Liter V6		6	3769	45
L60, L80, M60, S60,	366CI /6.0Liter V8		8	5999	76
L80, M80, T80	409CI /6.7Liter V8		8	6704	71
LS, LS1, LW1, LW200	L42,L61,LAP L4		4	2198	24
La Crosse	LY7 ALLOYTEC V6		6	3564	38
LaCross Super	LS4 V8 325CI	2008-09	8	5328	64
LaCrosse	LP1 V6 170CI		6	2792	38
Laurentain	250CI /4.1Liter V6		6	4098	45
Laurentian	307CI /5.0Liter V8		8	5030	69
Laurentian	267CI /4.4Liter V8		8	4375	63
Laurentian	400CI /6.6Liter V8		8	6556	68
Laurentian, LeSabre,	L31,L98,LF5,LL0,L		8	5738	63
Laurentian, Lemans	350CI /5.7Liter V8		8	5735	62
LeSabre	181CI /3.0Liter V6	1986	6	2966	47
LeSabre	LC4 V6 252CI	1980-84	6	4129	47
LeSabre	307CI /5.0Liter V8	1980-85	8	5030	69
LeSabre	403CI /6.6Liter V8	1977-79	8	6603	69
LeSabre	350CI /5.7Liter V8	1980-85	8	5735	61
LeSabre	267CI /4.4Liter V8	1981-82	8	4375	63
LeSabre	301CI /4.9Liter V8	1977-81	8	4932	56
LeSabre	KL,KP,LL,LP,ML,N	1964-65	8	4914	54
LeSabre	400CI /6.6Liter V8	1978-79	8	6556	68
LeSabre	MA,MB,NA,NB V8	1966-67	8	5573	62
LeSabre	455CI /7.5Liter V8	1970-76	8	7456	72
LeSabre, Lemans,	L30,LB9,LG2,LG4,		8	4998	63
Lemans	122CI /2.0Liter L4	1989-90	4	1998	18
Lemans	250CI /4.1Liter V6	1970-76	6	4098	45
Lemans	350CI /5.7Liter V8	1968-79	8	5735	69
Lemans	403CI /6.6Liter V8	1977	8	6603	69
Lemans	301CI /4.9Liter V8	1977-81	8	4932	56
Lemans	400CI /6.6Liter V8	1970-77	8	6556	68
Lemans	455CI /7.5Liter V8		8	7456	74
Lemans, Regal	265CI /4.3Liter V8		8	4342	56
Lumina	LN2 L4 134CI	1993	4	2190	19
Lumina	151CI /2.5Liter L4		4	2474	27
Lumina	LQ1 V6 207CI	1992-97	6	3393	35
Lumina, Lumina APV	231CI /3.8Liter V6		6	3800	40
Lumina, Lumina APV	231CI /3.8Liter V6		6	3800	40
Luv	G180Z L4 Isuzu	1972-82	4	1817	14
Luv Diesel	C223 L4 Isuzu	1981-82	4	2238	21
M70, M80, S70, T70,	348CI /5.7Liter V8		8	5704	71
ME50, Malibu, Monte	L31,L98,LF5,LL0,L		8	5738	63
MW550, Ninety Eight	324CI /5.3Liter V8		8	5310	58
Malibu	231CI /3.8Liter V6	1978-83	6	3800	47
Malibu	350CI /5.7Liter V8	1982-83	8	5735	61
Malibu	267CI /4.4Liter V8	1979-82	8	4375	63
Malibu	LD9 L4 146CI	1997-	4	2392	25
Malibu	L42,L61,LAP L4		4	2198	24
Malibu	LY7 ALLOYTEC V6		6	3564	38
Marine	502CI /8.2Liter V8		8	8200	76
Metro	G10 L3 Suzuki	1998-99	3	993	1
Metro	G10T L3 Suzuki	1987-91	3	993	1
Metro	G13A L4 Suzuki		4	1298	2
Metro	G13B L4 Suzuki		4	1298	2
Monte Carlo	231CI /3.8Liter V6	1978-87	6	3800	47
Monte Carlo	262CI /4.3Liter V6	1985-88	6	4293	50
Monte Carlo	LQ1 V6 207CI	1995-97	6	3393	35
Monte Carlo	350CI /5.7Liter V8	1982-84	8	5735	61
Monte Carlo	267CI /4.4Liter V8	1979-82	8	4375	63
Monte Carlo	402CI /6.6Liter V8	1970-72	8	6588	76
Monte Carlo	L19,L21,L29,LP4,	1970-76	8	7439	76
Monte Carlo	LS4 V8 325CI	2006-07	8	5328	64
Monte Carlo, Monza,	L30,LB9,LG2,LG4,		8	4998	63
Monte Carlo, Ninety	307CI /5.0Liter V8		8	5030	69
Monte Carlo, Park	231CI /3.8Liter V6		6	3800	40

Model	Engine	Years	Cyl	CC	Line
Monte Carlo, Regal,	231CI /3.8Liter V6		6	3800	47
Monte Carlo, Sprint,	400CI /6.6Liter V8		8	6555	67
Monza	231CI /3.8Liter V6	1978-80	6	3800	47
Monza	262CI /4.3Liter V8	1976-79	8	4291	63
Monza, Ninety Eight	LC4 V6 252CI		6	4129	47
Monza, Nova, Omega,	L31,L98,LF5,LL0,L		8	5738	63
Ninety Eight	350CI /5.7Liter V8		8	5735	69
Ninety Eight	403CI /6.6Liter V8		8	6603	69
Ninety Eight, Parisienne	350CI /5.7Liter V8		8	5735	61
Ninety Eight, Park	231CI /3.8Liter V6		6	3800	40
Ninety Eight, Park	231CI /3.8Liter V6		6	3800	40
Nova	4ALC L4 Toyota	1985-89	4	1587	4
Nova	153CI /2.5Liter L4	1962-70	4	2507	28
Nova	231CI /3.8Liter V6	1979	6	3800	47
Nova	250CI /4.1Liter V6	1967-79	6	4098	45
Nova	262CI /4.3Liter V8	1976-79	8	4291	63
Nova	396CI /6.6Liter V8	1968-70	8	6489	76
Nova, P10, P20	307CI /5.0Liter V8		8	5031	63
Omega	173CI /2.8Liter V6		6	2835	30
Omega	231CI /3.8Liter V6	1975-79	6	3800	47
Omega	250CI /4.1Liter V6		6	4098	45
Omega, Parisienne,	L30,LB9,LG2,LG4,		8	4998	63
Omega, Skylark,	260CI /4.3Liter V8		8	4260	69
Optima	122CI /2.0Liter L4		4	1998	18
Outlook	LY7 ALLOYTEC V6		6	3564	38
P10	153CI /2.5Liter L4		4	2507	28
P10, P20, P30, P1500	292CI /4.8Liter L6		6	4785	53
P10, P20, P30, P1500,	250CI /4.1Liter V6		6	4098	45
P10, P20, P30, S6200	327CI /5.4Liter V8		8	5358	59
P10, P20, P30, SE5000	327CI /5.4Liter V8		8	5358	63
P1000	153CI /2.5Liter L4		4	2507	28
P1500, P2500, P3500,	230CI /3.8Liter V6		6	3769	45
P20, P30, P2500,	L31,L98,LF5,LL0,L		8	5738	63
P20, P30, P2500,	L19,L21,L29,LP4,		8	7439	76
P20, P30, P2500,	379CI /6.2Liter V8		8	6210	66
P20, P30, Special	235CI /3.9Liter L6		6	3852	49
P2500, P3500, R20,	292CI /4.8Liter L6		6	4785	53
P2500, P3500, R20,	395CI /6.5Liter V8		8	6472	66
P2500, P3500, R20,	395CI /6.5Liter V8		8	6472	66
P30, P2500, P3500	307CI /5.0Liter V8		8	5031	63
P30, P3500	262CI /4.3Liter V6		6	4293	50
P3500, PS40, PS50	250CI /4.1Liter V6		6	4098	45
PM150	347CI /5.7Liter V8		8	5687	65
PM250, S-300-8	287CI /4.7Liter V8		8	4707	65
PM250, S-370	336CI /5.5Liter V8		8	5506	65
PM250, Star Chief	316CI /5.2Liter V8		8	5179	65
Parisienne	231CI /3.8Liter V6	1983-86	6	3800	47
Parisienne	262CI /4.3Liter V6	1985-90	6	4293	50
Parisienne	307CI /5.0Liter V8	1986-90	8	5030	69
Performance	502CI /8.2Liter V8		8	8200	76
Phoenix	173CI /2.8Liter V6		6	2835	30
Phoenix	231CI /3.8Liter V6	1977-79	6	3800	47
Phoenix, R10, R20, R30	L31,L98,LF5,LL0,L		8	5738	63
Prizm	4AFE L4 Toyota		4	1587	4
Prizm	7AFE L4 Toyota		4	1762	8
Prizm	1ZZFE L4 Toyota		4	1794	9
Pursuit	L42,L61,LAP L4		4	2198	24
R10, R20, R30, R1500,	L30,LB9,LG2,LG4,		8	4998	63
R1500, R2500, R3500	L31,L98,LF5,LL0,L		8	5738	63
R1500, R2500, R3500	395CI /6.5Liter V8		8	6472	66
R1500, R2500, R3500	395CI /6.5Liter V8		8	6472	66
R20, R30, R1500,	L19,L21,L29,LP4,		8	7439	76
R20, R30, R1500,	379CI /6.2Liter V8		8	6210	66
R2500	262CI /4.3Liter V6		6	4293	50
R2500, R3500, V20,	292CI /4.8Liter L6		6	4785	53

Model	Engine	Years	Cyl	CC	Line
Reatta, Regal	231CI /3.8Liter V6		6	3800	40
Regal	173CI /2.8Liter L6	1988-93	6	2835	34
Regal	LC9 V6 196CI	1978-79	6	3211	47
Regal	231CI /3.8Liter V6	1975-98	6	3800	47
Regal	LC4 V6 252CI	1982-84	6	4129	47
Regal	262CI /4.3Liter V6	1985-87	6	4293	50
Regal	307CI /5.0Liter V8	1986-87	8	5030	69
Regal	403CI /6.6Liter V8	1977	8	6603	69
Regal	350CI /5.7Liter V8	1982-85	8	5735	61
Regal	267CI /4.4Liter V8	1981-82	8	4375	63
Regal	301CI /4.9Liter V8	1977-81	8	4932	56
Regal, Regency, Riviera	231CI /3.8Liter V6		6	3800	40
Regal, Riviera	231CI /3.8Liter V6		6	3800	40
Regal, Riviera,	L30,LB9,LG2,LG4,		8	4998	63
Regal, Riviera,	L31,L98,LF5,LL0,L		8	5738	63
Regal, Riviera, Skylark	350CI /5.7Liter V8		8	5735	62
Regency	307CI /5.0Liter V8		8	5030	69
Rendezvous	LY7 ALLOYTEC V6		6	3564	38
Riviera	173CI /2.8Liter V6		6	2835	30
Riviera	231CI /4.9Liter V6	1978-98	6	3800	47
Riviera	LC4 V6 252CI	1981-84	6	4129	47
Riviera	307CI /5.0Liter V8	1980-85	8	5030	69
Riviera	403CI /6.6Liter V8	1977-78	8	6603	69
Riviera	350CI /5.7Liter V8	1980-85	8	5735	61
Riviera	301CI /4.9Liter V8	1977-78	8	4932	56
Riviera	KL,KP,LL,LP,ML,N		8	4914	54
Riviera	400CI /6.6Liter V8	1978	8	6556	68
Riviera	MD,ND,PD,RD,RO	1967-69	8	7047	72
Riviera	455CI /7.5Liter V8	1970-76	8	7456	72
S-10 Diesel	C223 L4 Isuzu	1983-85	4	2238	21
S-15 Diesel	C223 L4 Isuzu	1983-85	4	2238	21
S10	119CI /1.9Liter L4	1982-85	4	1950	14
S10	151CI /2.5Liter L4		4	2474	27
S10	173CI /2.8Liter L6	1982-93	6	2835	34
S10	173CI /2.8Liter V6		6	2835	30
S10	262CI /4.3Liter V6	1989-94	6	4293	50
S15	119CI /1.9Liter L4	1982-85	4	1950	14
S15	151CI /2.5Liter L4		4	2474	27
S15	173CI /2.8Liter L6	1983-90	6	2835	34
S15	173CI /2.8Liter V6		6	2835	30
S15	262CI /4.3Liter V6	1989-90	6	4293	50
SC, SC1, SC2	116CI /1.9Liter L4		4	1901	13
SE50, SE60	L31,L98,LF5,LL0,L		8	5738	63
SE5000, SE6000	327CI /5.4Liter V8		8	5358	59
SKY, VUE	LN7 L4 122CI		4	1998	24
SL, SL1, SL2, SW1,	116CI /1.9Liter L4		4	1901	13
SRX	LF1 V6 182CI		6	2982	38
SRX	LY7 ALLOYTEC V6		6	3564	38
SS40, SS50	250CI /4.1Liter V6		6	4098	45
SSR, Savana, Sierra,	LS2,LY6,LQ9,L76		8	5967	64
STS	LY7 ALLOYTEC V6		6	3564	38
STS, XLR	L37,LD8,LH2 V8		8	4565	52
Safari	151CI /2.5Liter L4		4	2474	27
Safari	262CI /4.3Liter V6	1985-94	6	4293	50
Safari	262CI /4.3Liter V6	1991-99	6	4293	50
Safari	307CI /5.0Liter V8	1986-90	8	5030	69
Saturn ION	L42,L61,LAP L4		4	2198	24
Savana	L19,L21,L29,LP4,	1996-99	8	7439	76
Savana, Sierra	395CI /6.5Liter V8		8	6472	66
Savana, Sierra,	395CI /6.5Liter V8		8	6472	66
Savana, Skylark, Sprint	L30,LB9,LG2,LG4,		8	4998	63
Sedan Deville	350CI /5.7Liter V8		8	5735	61
Seville	250CI /4.1Liter V8	1982-87	8	4096	55
Seville	273CI /4.5Liter V8	1988-90	8	4473	55
Seville	L26 V8 300CI	1991-93	8	4916	55

Model	Engine	Years	Cyl	CC	Line
Seville	350CI /5.7Liter V8	1978-85	8	5735	61
Seville, Toronado	350CI /5.7Liter V8		8	5735	69
Sierra	262CI /4.3Liter V6	1991-95	6	4293	50
Sierra	L19,L21,L29,LP4,	1991-99	8	7439	76
Sierra, Silverado	DURAMAX,		8	6603	70
Sierra, Sonoma, Skylark	L31,L98,LF5,LL0,L		8	5738	63
Sierra, Yukon	L18 V8 496CI		8	8135	75
Silhouette,	231CI /3.8Liter V6		6	3800	40
Silverado	262CI /4.3Liter V6		6	4293	50
Silverado	L18 V8 496CI	2001-05	8	8135	75
Silverado, Suburban	L20,LY2,LR4 V8		8	4817	64
Skyhawk	112CI /1.8Liter L4	1982	4	1835	11
Skyhawk	112CI /1.8Liter L4	1982-86	4	1835	12
Skyhawk	112CI /1.8Liter L4		4	1835	12
Skyhawk	121CI /2.0Liter L4		4	1989	15
Skyhawk	121CI /2.0Liter L4	1983-89	4	1989	16
Skyhawk	122CI /2.0Liter L4	1987-90	4	1998	18
Skyhawk	122CI /2.0Liter L4	1987	4	1998	18
Skyhawk	LD2,LF0 L4 138CI	1988-91	4	2260	22
Skyhawk	231CI /3.8Liter V6	1975-80	6	3800	47
Skylark	L40 L4 138CI	1995	4	2260	22
Skylark	L68 L4 151CI	1980-91	4	2474	26
Skylark	151CI /2.5Liter L4		4	2474	27
Skylark	173CI /2.8Liter V6		6	2835	30
Skylark	181CI /3.0Liter V6	1986-88	6	2966	47
Skylark	231CI /3.8Liter V6	1975-79	6	3800	47
Skylark	250CI /4.1Liter V6	1968-76	6	4098	45
Skylark	204CI /3.3Liter V6	1989-93	6	3342	40
Skylark	215CI /3.5Liter V8	1961-63	8	3528	37
Skylark	301CI /4.9Liter V8	1977	8	4932	56
Skylark	KL,KP,LL,LP,ML,N	1964-67	8	4914	54
Skylark	400CI /6.6Liter V8	1965-68	8	6555	72
Skylark	455CI /7.5Liter V8	1970-71	8	7456	72
Skylark	LD9 L4 146CI	1996-	4	2392	25
Somerset	L68 L4 151CI	1985-87	4	2474	26
Somerset	181CI /3.0Liter V6	1985-87	6	2966	47
Somerset	204CI /3.3Liter V6		6	3342	40
Sonoma	151CI /2.5Liter L4		4	2474	27
Sonoma	173CI /2.8Liter L6	1991-93	6	2835	34
Sonoma	262CI /4.3Liter V6	1991-99	6	4293	50
Special	250CI /4.1Liter V6		6	4098	45
Special	6I,JL,JZ V6 198CI	1962-63	6	3245	33
Special	215CI /3.5Liter V8	1961-63	8	3528	37
Special	KL,KP,LL,LP,ML,N	1964-67	8	4914	54
Special	MA,MB,NA,NB V8	1966-67	8	5573	62
Special 150	283CI /4.7Liter V8		8	4638	59
Special 150, Townsman	265CI /4.3Liter V8		8	4340	59
Special, Ventura	350CI /5.7Liter V8		8	5735	62
Spectrum	4XC1 L4 Isuzu		4	1471	3
Spectrum	4XC1-T L4 Isuzu		4	1471	3
Sprint	G10 L3 Suzuki	1985-89	3	993	1
Sprint	G10T L3 Suzuki	1987-89	3	993	1
Sprint	250CI /4.1Liter V6	1971-77	6	4098	45
Sprint	307CI /5.0Liter V8	1971-73	8	5031	63
Sprint	402CI /6.6Liter V8	1971-72	8	6588	76
Sprint	L19,L21,L29,LP4,	1973-76	8	7439	76
Sprint, Suburban	L31,L98,LF5,LL0,L		8	5738	63
Star Chief	347CI /5.7Liter V8	1957	8	5687	65
Star Chief	370CI /6.1Liter V8	1958	8	6064	65
Star Chief	389CI /6.4Liter V8		8	6376	68
Star Chief	421CI /6.9Liter V8	1963-66	8	6900	74
Starfire, Suburban,	L30,LB9,LG2,LG4,		8	4998	63
Starfire, Toronado	425CI /7.0Liter V8		8	6966	73
Startire	231CI /3.8Liter V6	1975-80	6	3800	47
Storm GSi	4XF1 L4 Isuzu		4	1808	10









Model	Engine	Years	Cyl	CC	Line
Suburban	283CI /4.7Liter V8		8	4638	59
Suburban	396CI /6.6Liter V8		8	6489	76
Suburban	402CI /6.6Liter V8		8	6588	76
Suburban	L18 V8 496CI	2001-04	8	8135	75
Suburban, Sprint,	307CI /5.0Liter V8		8	5031	63
Suburban, T60, V, W, X,	261CI /4.3Liter L6		6	4275	49
Suburban, TE50	327CI /5.4Liter V8		8	5358	63
Suburban, TE50	327CI /5.4Liter V8		8	5358	59
Suburban, Tahoe	395CI /6.5Liter V8		8	6472	66
Suburban, Trailblazer,	LS2,LY6,LQ9,L76		8	5967	64
Suburban, V10, V20,	379CI /6.2Liter V8		8	6210	66
Sunbird	112CI /1.8Liter L4	1984-86	4	1835	12
Sunbird	112CI /1.8Liter L4		4	1835	12
Sunbird	122CI /2.0Liter L4	1987-94	4	1998	18
Sunbird	122CI /2.0Liter L4	1987-90	4	1998	18
Sunfire	LN2 L4 134CI	1995-99	4	2190	19
Sunfire	LD9 L4 146CI	1996-	4	2392	25
Sunfire	L42,L61,LAP L4		4	2198	24
Super 88	303CI /5.0Liter V8		8	4963	58
Super 88, S50, W550	324CI /5.3Liter V8		8	5310	58
Super Chief	347CI /5.7Liter V8	1957	8	5687	65
Super Chief	370CI /6.1Liter V8	1958	8	6064	65
Surburban, R10, R20,	262CI /4.3Liter V6		6	4293	50
Syclone	262CI /4.3Liter V6		6	4293	50
T, TP, TR, TS, TV, TW,	235CI /3.9Liter L6		6	3852	49
T6500, T7500, T8500,	366CI /6.0Liter V8		8	5999	76
TE50, TE60, V10, V20,	L31,L98,LF5,LL0,L		8	5738	63
TS40 , TS50	250CI /4.1Liter V6		6	4098	45
TY, Townsman, U, UP,	235CI /3.9Liter L6		6	3852	49
Tahoe	LS2,LY6,LQ9,L76		8	5967	64
Tahoe, Yukon	L20,LY2,LR4 V8		8	4817	64
Tempest	121CI /2.0Liter L4	1987-89	4	1989	15
Tempest	195CI /3.2Liter L4	1961-63	4	3194	32
Tempest	215CI /3.5Liter L6	1964-65	6	3524	46
Tempest	250CI /4.1Liter L6	1968-69	6	4098	46
Tempest	215CI /3.5Liter V8	1961-62	8	3528	37
Tempest	326CI /5.3Liter V8	1963-67	8	5343	68
Tempest	389CI /6.4Liter V8	1964-66	8	6376	68
Tempest	421CI /6.9Liter V8		8	6900	74
Tempest, Ventura	350CI /5.7Liter V8		8	5733	68
Terrain	LF1 V6 182CI		6	2982	38
Toronado	LC4 V6 252CI	1980-84	6	4129	47
Toronado	403CI /6.6Liter V8	1977-79	8	6603	69
Toronado	350CI /5.7Liter V8	1978-85	8	5735	61

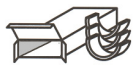



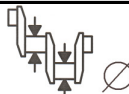
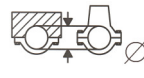


Model	Engine	Years	Cyl	CC	Line
Toronado	455CI /7.5Liter V8		8	7456	73
Toronado, Transport	231CI /3.8Liter V6		6	3800	40
Torrent	LY7 ALLOYTEC V6		6	3564	38
Townsman	283CI /4.7Liter V8		8	4638	59
Tracker	G16KC L4 Suzuki		4	1590	6
Tracker	G16KV L4 Suzuki		4	1590	6
Tracker	G16KV L4 Suzuki	1999-00	4	1590	6
Tracker	J20 L4 Suzuki		4	1995	17
Trail Blazer	LL8, VORTEC L6	2002-	6	4157	48
Trailblazer	262CI /4.3Liter V6		6	4293	50
Traverse	LY7 ALLOYTEC V6		6	3564	38
Typhoon	262CI /4.3Liter V6	1991-93	6	4293	50
UV, UW, UX, UY, V, VP,	235CI /3.9Liter L6		6	3852	49
V10, V20, V1500,	262CI /4.3Liter V6		6	4293	50
V10, V20, V30, V1500	395CI /6.5Liter V8		8	6472	66
V10, V20, V30, V1500	395CI /6.5Liter V8		8	6472	66
V10, V20, V30, V1500,	L30,LB9,LG2,LG4,		8	4998	63
V1500, V2500, V3500	L31,L98,LF5,LL0,L		8	5738	63
V1500, V2500, V3500	379CI /6.2Liter V8		8	6210	66
V20, V30, V2500,	L19,L21,L29,LP4,		8	7439	76
V2500, V3500	292CI /4.8Liter L6		6	4785	53
V2500, V3500	395CI /6.5Liter V8		8	6472	66
V2500, V3500	395CI /6.5Liter V8		8	6472	66
VS, VV, VW, VX, VY,	235CI /3.9Liter L6		6	3852	49
VUE	L81 V6 Opel 181CI		6	2962	31
Vega	122CI /2.0Liter L4	1975-77	4	1999	23
Vega	140CI /2.3Liter L4	1971-77	4	2294	23
Ventura	231CI /3.8Liter V6	1977	6	3800	47
Ventura	250CI /4.1Liter V6	1971-76	6	4098	45
Ventura	350CI /5.7Liter V8	1971-77	8	5735	69
Ventura	L30,LB9,LG2,LG4,		8	4998	63
Ventura	389CI /6.4Liter V8	1960-66	8	6376	68
Ventura, W6, Yukon	L31,L98,LF5,LL0,L		8	5738	63
Vibe	1ZZFE L4 Toyota		4	1794	9
Vista Cruiser	350CI /5.7Liter V8	1968-80	8	5735	69
Vue	LY7 ALLOYTEC V6		6	3564	38
W, X, Y, Yeoman, Z	235CI /3.9Liter L6		6	3852	49
Wildcat	MD,ND,PD,RD,RO	1967-69	8	7047	72
Wildcat	455CI /7.5Liter V8	1970	8	7456	72
Yeoman	348CI /5.7Liter V8		8	5704	71









GENERAL MOTORS PRODUCTS				GENERAL MOTORS PRODUCTS				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
1	G10 L3 Suzuki 61CI /1.0Liter, SOHC, 6 Valves, vin 5,6,M, Gasoline	01/1985-12/2001	993 cc	74.00 X 77.00	3 cyl	Firefly, Metro, Sprint	1	
	G10T L3 Suzuki 61CI /1.0Liter, SOHC, 6 Valves, vin 2, Gasoline Turbocharge	01/1987-12/1991	993 cc	74.00 X 77.00	3 cyl	Metro, Sprint		
CR 307AM STD/.25/.5/.75/1.0 ACL:3B8336 CLE:CB-1401AL(3) DAI:R5985A FMO:3-1140RA GLA:B3064LC NDC:CB-2403		C 307	3 Pairs	1.6535/ 0.0000 41.999/ 0.000	0.0000/ 1.7724 0.000/ 45.019	0.7091 18.01	0.0587 1.491	

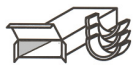




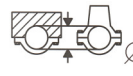


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CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

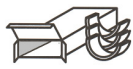




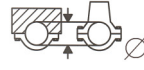


GENERAL MOTORS PRODUCTS				GENERAL MOTORS PRODUCTS			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
OEM:12100-82810							
MB 454AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:4M8337 CLE:MS-1708 DAI:M5985A FMO:6685M GLA:M4271LC NDC:MS-2403A OEM:12300-82810	M 454U M 454L	4 Pairs		0.0000/ 1.7710 0.000/ 44.983	0.0000/ 1.9299 0.000/ 49.019	0.7087 18.00	0.0790 2.007
TW 134AM STD/.25 ACL:1T8337 CLE:TW- 455S DAI:T5985A FMO:1063AF K.S:TW-2403A NDC:TW-2403A OEM:12340-82820 OEM:12300-82820	W 134	1 Pair		2.0571/ 2.0669 52.250/ 52.499	2.6673/ 2.6771 67.749/ 67.998	0.0000 0.00	0.0992 2.520
2	G13A L4 Suzuki 79CI /1.3Liter, SOHC, 8 Valves, vin 3, Gasoline	01/1992- 12/1997	1298 cc	74.00 X 75.50	4 cyl	Metro	2
	G13B L4 Suzuki 79CI /1.3Liter, SOHC, 16 Valves, vin 2,9, Gasoline	01/1998- 12/2001	1298 cc	74.00 X 75.50	4 cyl	Metro	
CR4020AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:4B9318 CLE:CB-1401AL (4) DAI:R5986A FMO:4-1140RA GLA:B4689 GLY:01-4119/4 NDC:CB-2404A OEM:12100-82820 OEM:12100-82810 VAN:VPR92333	C 307	4 Pairs		1.6531/ 0.0000 41.989/ 0.000	0.0000/ 1.7724 0.000/ 45.019	0.7091 18.01	0.0587 1.491
MB5556AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:5M8337 CLE:MS-1779AL DAI:M5986A FMO:7095M GLA:M5483LC GLY:H1159/5 NDC:MS-2404A OEM:12340-83000 OEM:12300-82810 VAN:VPM92331	M 454U M 454L	5 Pairs		1.7710/ 0.0000 44.983/ 0.000	0.0000/ 1.9299 0.000/ 49.019	0.7087 18.00	0.0790 2.007
TW 134AM STD/.25 ACL:1T8337 CLE:TW- 455S DAI:T5985A FMO:1063AF K.S:TW-2403A NDC:TW-2403A OEM:12340-82820 OEM:12300-82820	W 134	1 Pair		2.0571/ 2.0669 52.250/ 52.499	2.6673/ 2.6771 67.749/ 67.998	0.0000 0.00	0.0992 2.520
3	4XC1 L4 Isuzu 90CI /1.5Liter, SOHC, 8 Valves, vin 7,K, Gasoline	01/1985- 12/1989	1471 cc	77.00 X 79.00	4 cyl	Spectrum	3
	4XC1-T L4 Isuzu 90CI /1.5Liter, SOHC, 8 Valves, vin 9, Gasoline Turbocharge	01/1987- 12/1989	1471 cc	77.00 X 79.00	4 cyl	Spectrum	
CR4074AM <i>IS IDENTICAL TO CR4004AM</i> <i>Under Development</i> CLE:CB-1478 (4) DAI:R5039K FMO:4-4455RA GLA:B4803LC NDC:CB-1626GP OEM:8-94481-860-862-0VAN:VPR92811LC	C4004 C4074	4 Pairs		1.5726/ 1.5734 39.944/ 39.964	1.6921/ 1.6929 42.979/ 43.000	0.6693 17.00	0.0595 1.511
MB5540AM STD/.25/.5/.75/1.0 ACL:5M1869 CLE:MS-1776AL DAI:M5038A FMO:6686M GLA:M55985A NDC:MS-1621 OEM:8-94251-527-2 OEM:8-94151-527-2	M5540U M5540L	5 Pairs		1.8873/ 1.8881 47.937/ 47.958	2.0464/ 2.0472 51.979/ 51.999	0.6744 17.13	0.0792 2.012
TW 141AM .05/.25 ACL:1T1869 CLE:TW- 453S DAI:T5038A FMO:1064AF NDC:TW-1621A OEM:8-94257-903-0	W 141	1 Pair		2.1654/ 2.1752 55.001/ 55.250	2.7539/ 2.7638 69.949/ 70.201	0.0000 0.00	0.0870 2.210
4	4ALC L4 Toyota 97CI /1.6Liter, SOHC, 8 Valves, vin 4, Gasoline	01/1985- 12/1989	1587 cc	81.00 X 77.00	4 cyl	Nova	4
	4AFE L4 Toyota 97CI /1.6Liter, DOHC, 16 Valves, Gasoline	01/1989- 12/1997	1587 cc	81.00 X 77.00	4 cyl	Prizm	
CR 429AM STD/.25/.5/.75/1.0 ACL:4B1710 CLE:CB-1361AL (4) DAI:R9028A FMO:4-1025RA GLA:B4676SA GLY:01-4117/4 NDC:CB-1410GP OEM:13041-01010-01-03VAN:VPR92069A	C 429	4 Pairs		1.5740/ 1.5748 39.980/ 40.000	1.6929/ 1.6939 43.000/ 43.025	0.6730 17.09	0.0587 1.491
MB5527AM STD/.25/.5/.75/1.0 ACL:5M1695 CLE:MS-1638P DAI:M9028A FMO:6680M GLA:M5464LC GLY:H1068/5 NDC:MS-1410GP	M 535 M5527	5 Pairs		1.8890/ 1.8898 47.981/ 48.001	2.0480/ 2.0490 52.019/ 52.045	0.7830 19.89	0.0789 2.004






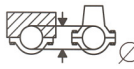


GENERAL MOTORS PRODUCTS				GENERAL MOTORS PRODUCTS			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
OEM: 11701-15030-01-03VAN: VPM92070LC							
TW 231AM ACL: 2T9304 DAI: T9027A GLA: W2310SA NDC: TW-1400A VAN: VPW95125A CLE: TW- 401S FMO: 3926AF GLY: A162/2 OEM: 11011-01011	W 231D W 231E	2 Pairs		2.1063/ 2.1161 53.500/ 53.749	2.5984/ 2.6083 65.999/ 66.251	0.0000 0.00	0.0980 2.489
5	4AGE L4 Toyota 97CI /1.6Liter, DOHC, 16 Valves, Gasoline	01/1988-12/1992	1587 cc	81.00 X 77.00	4 cyl		5
CR4032SI STD/.25/.5/1.0/1.5 ACL: 4B9430 DAI: R9029K GLA: B4795LC OEM: 13041-16071 OEM: 13041-01010-01-03 CLE: CB-1474AL (4) FMO: 4-4600P NDC: CB-1425	C4032	4 Pairs		1.6529/ 1.6535 41.984/ 41.999	1.7717/ 1.7726 45.001/ 45.024	0.6730 17.09	0.0587 1.491
MB5527AM STD/.25/.5/1.0 ACL: 5M1695 DAI: M9028A GLA: M5464LC NDC: MS-1410GP OEM: 11701-15030-01-03VAN: VPM92070LC CLE: MS-1638P FMO: 6680M GLY: H1068/5	M 535 M5527	5 Pairs		1.8890/ 1.8898 47.981/ 48.001	2.0480/ 2.0490 52.019/ 52.045	0.7830 19.89	0.0789 2.004
TW 231AM ACL: 2T9304 DAI: T9027A GLA: W2310SA NDC: TW-1400A VAN: VPW95125A CLE: TW- 401S FMO: 3926AF GLY: A162/2 OEM: 11011-01011	W 231D W 231E	2 Pairs		2.1063/ 2.1161 53.500/ 53.749	2.5984/ 2.6083 65.999/ 66.251	0.0000 0.00	0.0980 2.489
6	G16KC L4 Suzuki 97CI /1.6Liter, SOHC, 8 Valves, Gasoline	01/1989-12/1995	1590 cc	75.00 X 90.00	4 cyl	Tracker	6
	G16KV L4 Suzuki 97CI /1.6Liter, SOHC, 16 Valves, Gasoline	01/1994-12/1998	1590 cc	75.00 X 90.00	4 cyl	Tracker	
	G16KV L4 Suzuki 97CI /1.6Liter, SOHC, 16 Valves, Gasoline	01/1999-12/2000	1590 cc	75.00 X 90.00	4 cyl	Tracker	
CR4056AM STD/.25/.5/1.00/1.25/1.5 ACL: 4B8340 FMO: 4-4190RA NDC: CB-2405 CLE: CB-1477AL (4) GLA: B4782SA OEM: 12100-60820	C4056	4 Pairs		1.7316/ 1.7323 43.983/ 44.000	1.8504/ 1.8510 47.000/ 47.015	0.7130 18.11	0.0591 1.501
MB5587AM STD/.25/.5/1.0 ACL: 5M8339 DAI: M5987A GLA: M5573SA OEM: 12340-60A10 CLE: MS-1820AL FMO: 7208M NDC: MS-2405	M5587U M5587L	5 Pairs		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 2.2070 0.000/ 56.058	0.7130 18.11	0.0789 2.004
TW 144AM ACL: 1T8339 DAI: T5987A NDC: TW-2405GP CLE: TW- 478S FMO: 4191AF OEM: 12300-60820	W 144	1 Pair		2.3327/ 2.3425 59.251/ 59.500	2.9429/ 2.9528 74.750/ 75.001	0.0000 0.00	0.0992 2.520
7	LX3 L4 85CI /1.4Liter, SOHC, 8 Valves, vin I, Gasoline	01/1976-12/1977	1393 cc	82.00 X 66.00	4 cyl	Acadian, Chevette	7
	98CI /1.6Liter L4 SOHC, 8 Valves, Gasoline	01/1976-12/1987	1600 cc	82.00 X 76.00	4 cyl	Acadian, Chevette	
CR4482AM STD/.25/.5/1.0/1.25/1.5 ACL: 4B1216 FMO: 4-3665AP CLE: CB-1216AL (4) VAN: VPR91584	C4482	4 Pairs		1.8094/ 1.8103 45.959/ 45.982	1.9291/ 1.9296 48.999/ 49.012	0.7500 19.05	0.0589 1.496
MB 592AM STD/.25/.5/1.0/1.5 Flange length: STD, 0.25, 0.5, 0.75, 1.0, 1.25 -23.90 mm (FI STD) 1.25 - 24.15 mm (FI oversize 0.25 mm) ACL: 5M1424 FMO: 5060M CLE: MS-1424AL VAN: VPM91585	M 592 F 592	4 Pairs 1 Pair	1-2-3-4 5	2.0079/ 2.0084 51.001/ 51.013 2.0079/ 2.0084 51.001/ 51.013	2.1648/ 2.1659 54.986/ 55.014 2.1648/ 2.1659 54.986/ 55.014	0.7090 18.01 0.9410 23.90	0.0779 1.979 0.0779 1.979
MB5073AM Same as MB 592AM but with flange oversize. Flange length: STD - 23.90 mm (FI STD) 0.25 - 24.10 (FI oversize 0.2 mm), 0.5 - 24.30 (FI oversize 0.4 mm), 0.75 - 24.50 (FI oversize 0.6 mm), CLE: MS-2031AL							

GENERAL MOTORS PRODUCTS				GENERAL MOTORS PRODUCTS				
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
MB5193AM STD/.25/.5/.75/1.0/1.25/1.5 SPECIAL FOR BRAZIL Same as MB 592AM but with flange oversize 0.8mm .Flange length: STD 23.90 mm (FI STD) 0.25,0.5,0.75,1.0 24.70mm (FI oversize)								
8	7AFE L4 Toyota 108CI /7.8Liter, DOHC, 16 Valves, Gasoline	01/1993- 12/1997	1762 cc	81.00 X 85.50	4 cyl	Prizm	8	
CR4121AM STD/.25/.5/.75								
ACL:4B1680 FMO:4-4820A ~ NDC:CB-1451 VAN:VPR04505	CLE:CB-1786AL (4) GLY:01-3991/4 OEM:13041-16090	C4121	4 Pairs	1.8892/ 1.8898 47.986/ 48.001	2.0075/ 2.0079 50.991/ 51.001	0.6732 17.10	0.0587 1.491	
MB5527AM STD/.25/.5/.75/1.0								
ACL:5M1695 DAI:M9028A GLA:M5464LC NDC:MS-1410GP OEM:11701-15030-01-03VAN:VPM92070LC	CLE:MS-1638P FMO:6680M GLY:H1068/5	M 535 M5527	5 Pairs	1.8890/ 1.8898 47.981/ 48.001	2.0480/ 2.0490 52.019/ 52.045	0.7830 19.89	0.0789 2.004	
TW 231AM								
ACL:2T9304 DAI:T9027A GLA:W2310SA NDC:TW-1400A VAN:VFW95125A	CLE:TW- 401S FMO:3926AF GLY:A162/2 OEM:11011-01011	W 231D W 231E	2 Pairs	2.1063/ 2.1161 53.500/ 53.749	2.5984/ 2.6083 65.999/ 66.251	0.0000 0.00	0.0980 2.489	
9	1ZZFE L4 Toyota 109CI /1.8Liter, DOHC, 16 Valves, vin 8, Gasoline	01/1998- 12/2008	1794 cc	79.00 X 91.50	4 cyl	Prizm, Vibe	9	
CR4263SI STD/.25/.5/.75/1.0								
ACL:4B1851 FMO:4-4705A	CLE:CB-1863AL OEM:13041-22020	C4263	4 Pairs	1.7320/ 1.7323 43.993/ 44.000	1.8504/ 1.8513 47.000/ 47.023	0.6180 15.70	0.0589 1.496	
MB5287AM STD/.25/.5/.75/1.0								
ACL:5M1853 FMO:7354M OEM:11701-22011-02	CLE:MS-2267AM GLY:H1321/5	M5287U M5287L	5 Pairs	1.8893/ 1.8897 47.988/ 47.998	2.0493/ 2.0498 52.052/ 52.065	0.6690 16.99	0.0790 2.007	
TW 185AM								
ACL:1T1853 FMO:4707F	CLE:TW-683S GLA:W2380SA	W 185	1 Pair	2.1102/ 2.1201 53.599/ 53.851	2.7382/ 2.7480 69.550/ 69.799	0.0000 0.00	0.0980 2.489	
10	4XF1 L4 Isuzu 110CI /1.8Liter, DOHC, 16 Valves, vin 8, Gasoline	01/1992- 12/1993	1808 cc	80.00 X 90.00	4 cyl	Storm GSi	10	
MB5128AM STD/.25/.5/.75/1.0								
ACL:5M1867 FMO:7284M NDC:MS-1626	CLE:MS-2017P GLA:M5599SA OEM:8-94360-467	M5128U M5128L	5 Pairs	2.0440/ 0.0000 51.918/ 0.000	0.0000/ 2.2048 0.000/ 56.002	0.6693 17.00	0.0795 2.019	
TW 142AM								
ACL:1T1867 DAI:T4544A GLA:W2416SA NDC:TW-1626A VAN:VFW95300A	CLE:TW-595S FMO:4456F GLY:A261/2 OEM:8-94321-679-0	W 142	1 Pair	2.3130/ 2.3228 58.750/ 58.999	2.9016/ 2.9114 73.701/ 73.950	0.0000 0.00	0.0870 2.210	
11	112CI /1.8Liter L4 OHV, 8 Valves, vin G, Gasoline	01/1982- 12/1982	1835 cc	89.00 X 74.00	0 cyl 4 cyl	Cavalier, Cimaron, Firenza, J2000, Skyhawk	11	
CR4423AM STD/001/010/020/030/040/060								
ACL:4B745 FMO:4-2020CP OEM:8-12522-143-0	CLE:CB- 745AL (4) GLA:B4420SA VAN:VPR91044	C 624	4 Pairs	1.9990/ 2.0000 50.775/ 50.800	2.1247/ 2.1252 53.967/ 53.980	0.8420 21.39	0.0621 1.577	
CS 528BB								
ACL:5C1195 DUR:CH-19	CLE:SH-1365S FMO:1485M							
MB5530AM STD/.25/.5/.75								
ACL:5M1524 FMO:5104M	CLE:MS-1524AL	M5530/1 F5530	3 Pairs 1 Pair	1-2-3 4	2.4945/ 2.4954 63.360/ 63.383 2.4945/ 2.4954 63.360/ 63.383 2.4937/ 2.4946	2.6870/ 2.6880 68.250/ 68.275 2.6870/ 2.6880 68.250/ 68.275 2.6870/ 2.6880	0.7420 18.85 0.9420 23.93 0.8300	0.0954 2.423 0.0954 2.423 0.0954









GENERAL MOTORS PRODUCTS				GENERAL MOTORS PRODUCTS			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
	M5530/5U M5530/5L	1 Pair	5	63.340/ 63.363	68.250/ 68.275	21.08	2.423
12	112CI /1.8Liter L4 Opel SOHC, 8 Valves, vin O, Gasoline	01/1982-12/1986	1835 cc	84.80 X 80.00	4 cyl	Firenza, J2000, Skyhawk, Sunbird	12
	112CI /1.8Liter L4 Opel SOHC, 8 Valves, vin J, Gasoline Turbocharge	01/1984-12/1986	1835 cc	84.80 X 80.00	4 cyl	Skyhawk, Sunbird	
CR 421AM STD/.25/.5/.75/1.0/1.25/1.5 <i>SUPERSEDED BY CR4106AM</i> <i>Old Model, Upper half - with one 4.0 mm oil hole at 44 degrees from the center line . Instead use CR4106 wich feet both Old and New model</i> ACL: 4B2326 CLE: CB-1175AL (4) FMO: 4-68140CP GLY: 71-3531/4 K.S: 87 392 600 NDC: CB-3020	C 421U C 421L	4 Pairs		1.9280/ 1.9286 48.971/ 48.986	2.0472/ 2.0477 51.999/ 52.012	0.7600 19.30	0.0589 1.496
CR4106AM STD/.25/.5/.75/1.0/1.25/1.5 <i>2 oil holes in upper half .</i> <i>The set can be used for both Old and Late model</i> ACL: 4B1408 CLE: CB-1408P (4) FMO: 4-1490 GLA: B4628SA GLY: 71-3531/4~ OEM: 9202-8817 VAN: VPR91935A							
MB5179AM STD/.25/.5/.75/1.0 <i>Same as MB5520AM, but with flange STD length: 25.91 mm in all undersizes</i> ACL: 5M2329 CLE: MS-2068P FMO: 7108M							
MB5520AM STD/.25/.5/.75/1.0/1.25/1.5 <i>Flange length:</i> <i>STD - 25.91 mm (FI STD)</i> <i>0.25 - 26.11mm (FI oversize 0.2 mm), 0.5 - 26.31mm (FI oversize 0.4 mm), 0.75 - 26.51mm (FI oversize 0.6 mm), 1.0, 1.5 - 26.71mm (FI oversize 0.8mm).</i> ACL: 5M2327 CLE: MS-1549AL FMO: 6831M GLA: M5401SA GLY: H 982/5 K.S: 87 393 600 NDC: MS-3020 OEM: 9206-5700 VAN: VPM91936LC	M5520 F5520	4 Pairs 1 Pair	1-2-4-5 3	2.2828/ 2.2833 57.983/ 57.996 2.2828/ 2.2833 57.983/ 57.996	2.4410/ 2.4415 62.001/ 62.014 2.4410/ 2.4415 62.001/ 62.014	0.7680 19.51 1.0200 25.91	0.0785 1.994 0.0785 1.994
13	116CI /1.9Liter L4 SOHC, 8 Valves, vin 8,9, Gasoline	01/1991-12/2002	1901 cc	82.00 X 89.90	4 cyl	SC, SC1, SC2, SL, SL1, SL2, SW1, SW2, SWP	13
	116CI /1.9Liter L4 DOHC, 16 Valves, vin 7, Gasoline	01/1991-12/2002	1901 cc	82.00 X 89.90	4 cyl		
CR4149SI STD/.25/.5/.75/1.0 ACL: 4B1623P CLE: CB-1623P (4) FMO: 4-4185RA	C4149	4 Pairs		1.8500/ 1.8508 46.990/ 47.010	1.9761/ 1.9766 50.193/ 50.206	0.8000 20.32	0.0626 1.590
MB5007SI STD/.25/.5/.75/1.0 <i>Flange length:</i> <i>STD, 0.25, 0.50, 0.75, 1.0 - 23.38mm (FI STD)</i> ACL: 5M2009P CLE: MS-2009P FMO: 7206MA	M5007U M5007L F5007 M5007L	4 Pairs 1 Pair	1-2-4-5 3	2.2438/ 2.2443 56.993/ 57.005 2.2438/ 2.2443 56.993/ 57.005	2.4013/ 2.4018 60.993/ 61.006 2.4013/ 2.4018 60.993/ 61.006	0.7210 18.31 0.9203 23.38	0.0783 1.989 0.0783 1.989
14	G180Z L4 Isuzu 111CI /1.8Liter, SOHC, 8 Valves, vin B,N, Gasoline	01/1972-12/1985	1817 cc	84.00 X 82.00	4 cyl	Luv	14
	119CI /1.9Liter L4 Isuzu SOHC, 8 Valves, vin A, Gasoline	01/1982-12/1985	1950 cc	87.00 X 82.00	4 cyl	S10, S15	
CR4141SI ACL: 4B2821 CLE: CB1371 (4) ~ DAI: R5013K FMO: 4-3570CPB GLA: B4811SA NDC: CB-1032GP OEM: 8-94251-094-2 VAN: VPR92720A	C4141	4 Pairs		1.9262/ 1.9268 48.925/ 48.941	2.0466/ 2.0472 51.984/ 51.999	0.8710 22.12	0.0596 1.514
CS 329BB <i>Balance shaft bearing.</i> ACL: 3C1190S CLE: SH-1190S DUR: CHG-14 FMO: 1444M							
MB 540AM STD/.25/.5/.75/1.0/1.25/1.5 ACL: 5M2817 CLE: MS-1298AL DAI: M5014K FMO: 5028M GLA: M5270SA GLY: H1145/5	M 540/1 M 540/2	3 Pairs 2 Pairs	1-3-5 2-4	2.2016/ 2.2022 55.921/ 55.936 2.2016/ 2.2022	2.3220/ 2.3228 58.979/ 58.999 2.3220/ 2.3228	1.2650 32.13 0.8310	0.0596 1.514 0.0596

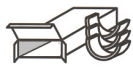




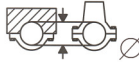


GENERAL MOTORS PRODUCTS					GENERAL MOTORS PRODUCTS			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
NDC:MS-1103GP VAN:VEM91677	OEM:8-94215-641-0			55.921/ 55.936	58.979/ 58.999	21.11	1.514	
TW 118AM_{STD} ACL:1T3286/1T1824 DAI:T 500A GLA:W2188SA NDC:TW-1616A VAN:VPW95068	CLE:TW- 451S FMO:3571BF K.S:TW-1616A OEM:8-94210-750-1	W 118	1 Pair	2.5098/ 2.5197 63.749/ 64.000	3.1575/ 3.1673 80.201/ 80.449	0.0000 0.00	0.0929 2.360	
15	121CI /2.0Liter L4 OHV, 8 Valves, vin 1, Gasoline	01/1987-12/1989	1989 cc	89.00 X 80.00	4 cyl	Beretta, Cavailer, Corsica, Firenza, Skyhawk, Tempest	15	
CR4423AM_{STD}/001/010/020/030/040/060 ACL:4B745 FMO:4-2020CP OEM:8-12522-143-0	CLE:CB- 745AL (4) GLA:B4420SA VAN:VPR91044	C 624	4 Pairs	1.9990/ 2.0000 50.775/ 50.800	2.1247/ 2.1252 53.967/ 53.980	0.8420 21.39	0.0621 1.577	
CS 528BB ACL:5C1195 DUR:CH-19	CLE:SH-1365S FMO:1485M							
MB5557SI_{STD}/25/.5/75/1.0 ACL:5M7124 FMO:7047M	CLE:MS-1704P	M5530/1	4 Pairs	1-2-3-5	2.4945/ 2.4954 63.360/ 63.383	2.6870/ 2.6880 68.250/ 68.275	0.7420 18.85	0.0954 2.423
		F5531	1 Pair	4	2.4945/ 2.4954 63.360/ 63.383	2.6870/ 2.6880 68.250/ 68.275	0.9420 23.93	0.0954 2.423
16	121CI /2.0Liter L4 OHV, 8 Valves, vin B,P, Gasoline	01/1983-12/1986	1989 cc	89.00 X 80.00	4 cyl	Cavalier, Firenza, Skyhawk	16	
CR4423AM_{STD}/001/010/020/030/040/060 ACL:4B745 FMO:4-2020CP OEM:8-12522-143-0	CLE:CB- 745AL (4) GLA:B4420SA VAN:VPR91044	C 624	4 Pairs	1.9990/ 2.0000 50.775/ 50.800	2.1247/ 2.1252 53.967/ 53.980	0.8420 21.39	0.0621 1.577	
CS 528BB ACL:5C1195 DUR:CH-19	CLE:SH-1365S FMO:1485M							
MB5531SI ACL:5M1567 FMO:5138M	CLE:MS-1567AL VAN:VPM91946	M5530/1	3 Pairs	1-2-3	2.4945/ 2.4954 63.360/ 63.383	2.6870/ 2.6880 68.250/ 68.275	0.7420 18.85	0.0954 2.423
		F5531	1 Pair	4	2.4945/ 2.4954 63.360/ 63.383	2.6870/ 2.6880 68.250/ 68.275	0.9420 23.93	0.0954 2.423
		M5530/5U M5530/5L	1 Pair	5	2.4937/ 2.4946 63.340/ 63.363	2.6870/ 2.6880 68.250/ 68.275	0.8300 21.08	0.0954 2.423
17	J20 L4 Suzuki 122CI /2.0Liter, DOHC, 16 Valves, Gasoline	01/1999-12/2003	1995 cc	84.00 X 90.00	4 cyl	Tracker	17	
CR4262AM_{STD}/25/.5/75 ACL:4B8306 OEM:12100-85822-OAO	OEM:12100-85822-OAO	C4262	4 Pairs	1.9678/ 1.9685 49.982/ 50.000	2.0866/ 2.0873 53.000/ 53.017	0.6350 16.13	0.0587 1.491	
MB5285AM ACL:5M8307 OEM:12340-85FB0-OAO	GLY:H1277/5	M5285U M5285L	5 Pairs	1-5	2.2828/ 2.2835 57.983/ 58.001	2.4409/ 2.4416 61.999/ 62.017	0.7530 19.13	0.0789 2.004
TW 168AM ACL:1T8307	OEM:12300-85830	W 168	1 Pair	0.0000/ 2.8150 0.000/ 71.501	0.0000/ 3.3287 0.000/ 84.549	0.0000 0.00	0.0980 2.489	
18	122CI /2.0Liter L4 Opel SOHC, 8 Valves, vin H,K, Gasoline	01/1987-12/1994	1998 cc	86.00 X 86.00	4 cyl	Firenza, Lemans, Optima, Skyhawk, Sunbird	18	
	122CI /2.0Liter L4 Opel SOHC, 8 Valves, vin M, Gasoline Turbocharge	01/1987-12/1990	1998 cc	86.00 X 86.00	4 cyl	Grand Am, Skyhawk, Sunbird		
CR4017AM_{STD}/25/.5/75/1.0/1.25/1.5 <i>Late model, Upper half - with one 4.0 mm hole at 12 degrees from the center line (or crown), lower half - plain.</i> ACL:4B1408 ~ FMO:4-1490CP GLY:71-3626/4 VAN:VPR92123LC	CLE:CB-1408AL (4) GLA:B4673LC K.S:87 391 600	C4017 C 421L	4 Pairs	1.9280/ 1.9286 48.971/ 48.986	2.0472/ 2.0477 51.999/ 52.012	0.7600 19.30	0.0589 1.496	
CR4233AM_{STD}/25/.5/75/1.0/1.25/1.5 SPECIAL for BRAZIL.		C4106U	4 Pairs	1.9280/ 1.9286 48.971/ 48.986	2.0472/ 2.0477 51.999/ 52.012	0.7600 19.30	0.0589 1.496	









GENERAL MOTORS PRODUCTS				GENERAL MOTORS PRODUCTS			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
MB5179AM STD/.25/.5/.75/1.0 Same as MB5520AM, but with flange STD length: 25.91 mm in all undersizes ACL: 5M2329 CLE: MS-2068P FMO: 7108M							
MB5520AM STD/.25/.5/.75/1.0/1.25/1.5 Flange length: STD - 25.91 mm (FI STD) 0.25 - 26.11mm (FI oversize 0.2 mm), 0.5 - 26.31mm (FI oversize 0.4 mm), 0.75 - 26.51mm (FI oversize 0.6 mm), 1.0, 1.5 - 26.71mm (FI oversize 0.8mm). ACL: 5M2327 CLE: MS-1549AL FMO: 6831M GLA: M5401SA GLY: H 982/5 K.S: 87 393 600 NDC: MS-3020 OEM: 9206-5700 VAN: VPM91936LC							
19	LN2 L4 134CI /2.2Liter, OHV, 8 Valves, vin 4, Gasoline	01/1992-12/1997	2190 cc	89.00 X 88.00	4 cyl	Beretta, Cavalier, Century, Corsica, Cutlass Ciera, Lumina, Sunfire	19
CR4423AM STD/001/010/020/030/040/060 ACL: 4B745 CLE: CB- 745AL (4) FMO: 4-2020CP GLA: B4420SA OEM: 8-12522-143-0 VAN: VPR91044							
CS 528BB ACL: SC1195 CLE: SH-1365S DUR: CH-19 FMO: 1485M							
MB5557SI STD/.25/.5/.75/1.0 ACL: 5M7124 CLE: MS-1704P FMO: 7047M							
20	LN2 L4 134CI /2.3Liter, OHV, 8 Valves, vin 4, Gasoline	01/1998-12/2003	2190 cc	89.00 X 88.00	4 cyl		20
CR4423AM STD/001/010/020/030/040/060 ACL: 4B745 CLE: CB- 745AL (4) FMO: 4-2020CP GLA: B4420SA OEM: 8-12522-143-0 VAN: VPR91044							
CS 528BB ACL: SC1195 CLE: SH-1365S DUR: CH-19 FMO: 1485M							
MB5088SI ACL: 5M7164 CLE: MS-2205P FMO: 7369M							
21	C223 L4 Isuzu 137CI /2.2Liter, OHV, 8 Valves, vin S, Diesel	01/1981-12/1985	2238 cc	88.00 X 92.00	4 cyl	Luv Diesel, S-10 Diesel, S-15 Diesel	21
CR 474SI STD/.25/.5/.75/1.0 CLE: CB-1093AL (4) DAI: R4536A FMO: 4-67325CP GLA: B4568SA GLY: 71-4325/4 NDC: CB-1070 OEM: 8-94142208-0 OEM: 5-12271-005-0 VAN: VPR92016							
MB5157AM STD/.25/.5/.75/1.0 DAI: M 536A FMO: 7094M GLA: M5422LC NDC: MS-1605 OEM: 5-11510-036-0 VAN: VPM92741LC							

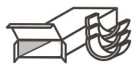




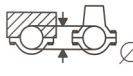


GENERAL MOTORS PRODUCTS					GENERAL MOTORS PRODUCTS			
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
TW 163AM ACL:1T1192 DAI:T4650A NDC:TW-1622GP OEM:8-94125-752-0	W 163	1 Pair		2.8661/ 2.8760 72.799/ 73.050	3.4232/ 3.4331 86.949/ 87.201	0.0000 0.00	0.0945 2.400	
22	L40 L4 138CI /2.3Liter, SOHC, 8 Valves, vin 3, Gasoline	01/1992-12/1994	2260 cc	92.00 X 85.00	4 cyl	Achieva, Grand Am, Skylark		22
	LD2,LF0 L4 138CI /2.3Liter, DOHC, 16 Valves, vin A,D, Gasoline	01/1987-12/1995	2260 cc	92.00 X 85.00	4 cyl	Achieva, Beretta, Calais, Cavalier, Cutlass, Grand Am, Grand Prix, Skyhawk		
CR4059SI STD/.25/.5/.75/1.0/1.25/1.5 ACL:4B1388 CLE:CB-1388AL (4) FMO:4-1540	C4059	4 Pairs		1.8887/ 1.8897 47.973/ 47.998	2.0144/ 2.0154 51.166/ 51.191	0.8960 22.76	0.0623 1.582	
MB5590SI ACL:5M8511 CLE:MS-1703P FMO:7054M	M5590U M5590L	4 Pairs	1-2-4-5	2.0470/ 2.0480 51.994/ 52.019	2.2352/ 2.2362 56.774/ 56.799	0.8370 21.26	0.0936 2.377	
	F5590U F5590L	1 Pair	3	2.0470/ 2.0480 51.994/ 52.019	2.2352/ 2.2362 56.774/ 56.799	1.0930 27.76	0.0936 2.377	
23	122CI /2.0Liter L4 COSWORTH, DOHC, 16 Valves, vin 0,E, Gasoline	01/1975-12/1977	1999 cc	3.50 X 3.16	4 cyl	Vega		23
	140CI /2.3Liter L4 SOHC, 8 Valves, vin A,B, Gasoline	01/1971-12/1977	2294 cc	3.50 X 3.63	4 cyl	Vega		
CR4423AM STD/001/010/020/030/040/060 ACL:4B745 CLE:CB- 745AL (4) FMO:4-2020CP GLA:B4420SA OEM:8-12522-143-0 VAN:VPR91044	C 624	4 Pairs		1.9990/ 2.0000 50.775/ 50.800	2.1247/ 2.1252 53.967/ 53.980	0.8420 21.39	0.0621 1.577	
MB5502AM STD/010/020/030 ACL:5M1050 CLE:MS-1050AL FMO:4945M VAN:VPM91450	M5502/1U M 752L	3 Pairs	1-2-3	2.2983/ 2.2993 58.377/ 58.402	2.4906/ 2.4916 63.261/ 63.287	0.8070 20.50	0.0955 2.426	
	F5502U F 752L	1 Pair	4	2.2983/ 2.2993 58.377/ 58.402	2.4906/ 2.4916 63.261/ 63.287	1.0090 25.63	0.0955 2.426	
	M5502/5U M5502/5L	1 Pair	5	2.2983/ 2.2993 58.377/ 58.402	2.4906/ 2.4916 63.261/ 63.287	0.9010 22.89	0.0955 2.426	
24	LNF L4 122CI /2.0Liter, ECOTEC, DOHC, 16 Valves, vin X, Gasoline Turbocharge	01/2007-12/2009	1998 cc	86.00 X 86.00	4 cyl	Cobalt, HHR, ION, Solstice, SKY, VUE		24
	LSJ L4 122CI /2.0Liter, ECOTEC, DOHC, 16 Valves, vin P, Gasoline Supercharged	01/2005-12/2007	1998 cc	86.00 X 86.00	4 cyl			
	L42,L61,LAP L4 134CI /2.3Liter, ECOTEC, DOHC, 16 Valves, vin 6,D,F,H, Gasoline	01/2000-12/2010	2198 cc	86.00 X 94.60	4 cyl	Alero, Cavalier, Classic, Cobalt, G5, HHR, L100, L200, L300, Grand Am, LS, LS1, LW1, LW200, Malibu, Pursuit, Saturn ION, Sunfire		
	LAF,LAT,LE5,LE9 L4 145CI /2.4Liter, ECOTEC, DOHC, 16 Valves, vin 0,5,B,C,P,V,W, Gasoline	01/2006-12/2009	2384 cc	88.00 X 98.00	4 cyl	Aura, ION, SKY, VUE		
CR4363SI STD/010/020/030/040 ACL:4B2296A CLE:CB-1827AL (4) FMO:4-4970P	C4363	4 Pairs		1.9291/ 1.9297 48.999/ 49.014	2.0519/ 2.0525 52.118/ 52.134	0.7980 20.27	0.0610 1.549	
CS2102BB STD <i>Under Development</i> <i>_Balance shaft bearing set.</i> CLE:SH-2002S DUR:CHG-24 FMO:4971DR	S2102	2	1-2	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 1.6050 0.000/ 40.767	1.0200 25.91	0.0780 1.981	
MB5413SI ACL:5M2232A CLE:MS-2232AL FMO:7421M OEM:9194165 6 18 012	M5413U M5413L	4 Pairs	1-3-4-5	2.2044/ 2.2050 55.992/ 56.007	2.5223/ 2.5229 64.066/ 64.082	0.7790 19.79	0.1590 4.039	
	F5413U F5413L	1 Pair	2	2.2044/ 2.2050 55.992/ 56.007	2.5223/ 2.5229 64.066/ 64.082	1.0420 26.47	0.1590 4.039	
25	LD9 L4 146CI /2.4Liter, DOHC, 16	01/1996-	2392 cc	90.00 X 94.00	4 cyl	Achieva, Alero, Cavalier,		25

GENERAL MOTORS PRODUCTS				GENERAL MOTORS PRODUCTS				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
Valves, vin T, Gasoline	12/2002					Grand Am, Malibu, Skylark, Sunfire		
CR4255SI STD/.25/.5/.75/1.0 ACL: 4B1647P CLE: CB-1647P (4) FMO: 4-4790P	C4255	4 Pairs		1.8887/ 1.8897 47.973/ 47.998	2.0147/ 2.0152 51.173/ 51.186	0.7200 18.29	0.0623 1.582	
MB5367SI ACL: 5M2056P CLE: MS-2056P FMO: 7321M	M5367U M5367L	4 Pairs	1-2-4-5	2.3626/ 2.3634 60.010/ 60.030	2.5502/ 2.5512 64.775/ 64.800	0.7870 19.99	0.0936 2.377	
	F5367U F5367L	1 Pair	3	2.3626/ 2.3634 60.010/ 60.030	2.5502/ 2.5512 64.775/ 64.800	1.0920 27.74	0.0936 2.377	
26	L68 L4 151CI /2.5Liter, OHV, 8 Valves, vin U, Gasoline	01/1985-12/1991	2474 cc	4.00 X 3.00	4 cyl	Calais, Grand Am, Skylark, Somerest	26	
CR4494SI STD/001/010/020/030/040/050/060 ACL: 4B610P CLE: CB- 610P (4) FMO: 4-2500RAA	C 811	4 Pairs		1.9995/ 2.0005 50.787/ 50.813	2.1247/ 2.1252 53.967/ 53.980	0.7420 18.85	0.0620 1.575	
CR4519SI STD/010/020/030/040 <i>Same as CR4494SI but with housing bore resized .002" larger</i>	C4519	4 Pairs		1.9995/ 2.0005 50.787/ 50.813	2.1267/ 2.1272 54.018/ 54.031	0.7420 18.85	0.0630 1.600	
MB5533SI STD ACL: 5M1643P CLE: MS-1643P FMO: 6690M	M5532U M 752L	4 Pairs	1-2-3-4	2.2983/ 2.2993 58.377/ 58.402	2.4906/ 2.4916 63.261/ 63.287	0.8070 20.50	0.0955 2.426	
	F5533U F5533L	1 Pair	5	2.2983/ 2.2993 58.377/ 58.402	2.4906/ 2.4916 63.261/ 63.287	0.9400 23.88	0.0955 2.426	
27	151CI /2.5Liter L4 OHV, 8 Valves, vin A,E, Gasoline	01/1985-12/1993	2474 cc	4.00 X 3.00	4 cyl	6000, Celebrity, Ciera, Citation, Fiero, Lumina, Skylark	27	
	151CI /2.5Liter L4 OHV, 8 Valves, vin 2,R, Gasoline	01/1985-12/1993	2474 cc	4.00 X 3.00	4 cyl	Astro, Camaro, Firebird, S10, S15, Safari, Sonoma		
	151CI /2.5Liter L4 OHV, 8 Valves, vin 1,2,5,9,F,R,S,U,V, Gasoline	01/1977-12/1984	2474 cc	4.00 X 3.00	4 cyl			
CR4494SI STD/001/010/020/030/040/050/060 ACL: 4B610P CLE: CB- 610P (4) FMO: 4-2500RAA	C 811	4 Pairs		1.9995/ 2.0005 50.787/ 50.813	2.1247/ 2.1252 53.967/ 53.980	0.7420 18.85	0.0620 1.575	
CR4519SI STD/010/020/030/040 <i>Same as CR4494SI but with housing bore resized .002" larger</i>	C4519	4 Pairs		1.9995/ 2.0005 50.787/ 50.813	2.1267/ 2.1272 54.018/ 54.031	0.7420 18.85	0.0630 1.600	
CS 325BB ACL: 5C1030 CLE: SH-1030S DUR: CH-16 FMO: 1461M	S 325	3	1-2-3	1.8682/ 1.8692 47.452/ 47.478	1.9990/ 2.0010 50.775/ 50.825	0.8650 21.97	0.0644 1.636	
MB5313SI <i>Same as MB5532SI but with flange oversize .020"</i>								
MB5532SI STD/010/020/030/040/060 ACL: 5M1733 CLE: MS-1733P FMO: 4123MA VAN: VPM91199	M5532U M 752L	4 Pairs	1-2-3-4	2.2983/ 2.2993 58.377/ 58.402	2.4906/ 2.4916 63.261/ 63.287	0.8070 20.50	0.0955 2.426	
	F5532U F 752L	1 Pair	5	2.2983/ 2.2993 58.377/ 58.402	2.4900/ 2.4916 63.246/ 63.287	1.0090 25.63	0.0955 2.426	
28	153CI /2.5Liter L4 OHV, 8 Valves, Gasoline	01/1962-12/1970	2507 cc	3.88 X 3.25	4 cyl	Chevy II, G10, G1000, Nova, P10, P1000	28	
CR4423AM STD/001/010/020/030/040/060 ACL: 4B745 CLE: CB- 745AL (4) FMO: 4-2020CP GLA: B4420SA OEM: 8-12522-143-0 VAN: VPR91044	C 624	4 Pairs		1.9990/ 2.0000 50.775/ 50.800	2.1247/ 2.1252 53.967/ 53.980	0.8420 21.39	0.0621 1.577	
CS3303BB CLE: SH-400S DUR: CH-6								
MB5313SI								

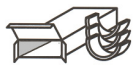




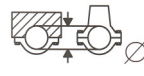


GENERAL MOTORS PRODUCTS					GENERAL MOTORS PRODUCTS			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness	
<i>Same as MB5532SI but with flange oversize .020"</i>								
MB5532SI STD/010/020/030/040/060 ACL:5M1733 CLE:MS-1733P FMO:4123MA VAN:VPM91199	M5532U M 752L	4 Pairs	1-2-3-4	2.2983/ 2.2993 58.377/ 58.402	2.4906/ 2.4916 63.261/ 63.287	0.8070 20.50	0.0955 2.426	
	F5532U F 752L	1 Pair	5	2.2983/ 2.2993 58.377/ 58.402	2.4900/ 2.4916 63.246/ 63.287	1.0090 25.63	0.0955 2.426	
29	LK5 L4 169CI /2.8Liter, VORTEC, DOHC, 16 Valves, Gasoline	01/2004-12/2006	2770 cc	93.00 X 102.00	4 cyl	Chevrolet Colorado, GMC Canyon		29
CR4529SI STD/010/020/030 ACL:4B2290A CLE:CB-1811P(4) OEM:12482716	C4529	4 Pairs		2.2319/ 2.2325 56.690/ 56.706	2.3749/ 2.3755 60.322/ 60.338	0.8110 20.60	0.0711 1.806	
30	173CI /2.8Liter V6 First Design- Small journal size, OHV, 12 Valves, vin 1,7,B,L,X,Z, Gasoline	01/1980-12/1985	2835 cc	89.00 X 76.00	6 cyl	Camaro, Celebrity, Century, Citation, Firebird, Omega, Phoenix, Riviera, S10, S15, Skylark		30
CR 605SI STD/.25/.5/.75/1.0/1.5 ACL:6B1238 ~ CLE:CB-1238AL(6) ~ FMO:6-3765 ~ VAN:VPR91939 ~	C 605	6 Pairs		1.9983/ 1.9993 50.757/ 50.782	2.1245/ 2.1255 53.962/ 53.988	0.7200 18.29	0.0622 1.580	
CR6680AM.5 <i>Same as CR 605SI but with housing bore resized .002" larger</i> FMO:6-4020	C6680	6 Pairs		1.9983/ 1.9993 50.757/ 50.782	2.1265/ 2.1275 54.013/ 54.039	0.7200 18.29	0.0632 1.605	
CR6680SI STD/.25/.5/.75 <i>Same as CR 605SI but with housing bore resized .002" larger</i> ACL:6B1238PO/S2 CLE:CB-1797A(6)								
CS 428BB <i>Special oil control set with wider #2 and #3 bushings</i> ACL:4C1102SW CLE:SH-1364S DUR:CH-18A								
CS 429BB STD/010 ACL:4C1102 CLE:SH-1364S DUR:CH-18 FMO:1785M ~	S 429/1	1	1	1.8677/ 1.8697 47.440/ 47.490	2.0091/ 2.0100 51.031/ 51.054	0.6250 15.88	0.0691 1.755	
	S 429/2	2	2-3	1.8677/ 1.8697 47.440/ 47.490	1.9988/ 2.0002 50.770/ 50.805	0.6300 16.00	0.0640 1.626	
	S 429/4	1	4	1.8677/ 1.8697 47.440/ 47.490	2.0091/ 2.0100 51.031/ 51.054	0.6250 15.88	0.0691 1.755	
MB 427AM STD/.25/.5/.75/1.0/1.25 ACL:4M1494 CLE:MS-1494AL FMO:5090M VAN:VPM91940	M 427/1U M 427/1L	1 Pair	1	2.4937/ 2.4946 63.340/ 63.363	2.6870/ 2.6880 68.250/ 68.275	0.9700 24.64	0.0958 2.433	
	M 427/2U M 427/2L	1 Pair	2	2.4937/ 2.4946 63.340/ 63.363	2.6870/ 2.6880 68.250/ 68.275	0.7420 18.85	0.0958 2.433	
	F 427U F 427L	1 Pair	3	2.4937/ 2.4946 63.340/ 63.363	2.6870/ 2.6880 68.250/ 68.275	0.9420 23.93	0.0958 2.433	
	M 427/4U M 427/4L	1 Pair	4	2.4937/ 2.4946 63.340/ 63.363	2.6870/ 2.6880 68.250/ 68.275	1.2480 31.70	0.0958 2.433	
MB 491AM.5 <i>Same as MB 427AM, but with flange oversize 0.25 mm</i> ACL:4M1493P FMO:7243M								
MB 492AM <i>Same as MB 427AM, but with flange oversize 0.5 mm</i>								
MB 493AM <i>Same as MB 427AM, but with flange oversize 0.75 mm</i>								









GENERAL MOTORS PRODUCTS				GENERAL MOTORS PRODUCTS			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
MB4270AM <i>020" oversize OD bearing</i>	M4270/2U M4270/2L	1 Pair	2	2.4937/ 2.4946 63.340/ 63.363	2.7070/ 2.7080 68.758/ 68.783	0.7420 18.85	0.1058 2.687
	F4270U F4270L	1 Pair	3	2.4937/ 2.4946 63.340/ 63.363	2.7070/ 2.7080 68.758/ 68.783	0.9420 23.93	0.1058 2.687
	M4270/4U M4270/4L	1 Pair	4	2.4937/ 2.4946 63.340/ 63.363	2.7070/ 2.7080 68.758/ 68.783	1.2480 31.70	0.1058 2.687
	M4270/1U M4270/1L	1 Pair	1	2.4937/ 2.4946 63.340/ 63.363	2.7070/ 2.7080 68.758/ 68.783	0.9700 24.64	0.1058 2.687
31	L81 V6 Opel 181CI /3.0Liter, DOHC, 24 Valves, vin R, Gasoline	01/1997- 12/2005	2962 cc	86.00 X 85.00	6 cyl	Catera, L300, LS2, LW2, LW300, VUE	31
CR6750SI STD/.25/.5/.75/1.0 OEM: 6 22 008 VAN: VPR06037A	C6750	6 Pairs		2.1248/ 2.1256 53.970/ 53.990	2.2441/ 2.2446 57.000/ 57.013	0.6417 16.30	0.0589 1.496
MB4049SI STD/.25/.75 VAN: VPM04107A ~	M4049/1	1 Pair		2.6764/ 2.6770 67.981/ 67.996	2.8346/ 2.8352 71.999/ 72.014	0.7874 20.00	0.0785 1.994
	M4049/2U M4049/2L	2 Pairs		2.6764/ 2.6770 67.981/ 67.996	2.8346/ 2.8352 71.999/ 72.014	0.6693 17.00	0.0785 1.994
	F4049	1 Pair		2.6764/ 2.6770 67.981/ 67.996	2.8346/ 2.8352 71.999/ 72.014	0.9606 24.40	0.0785 1.994
32	195CI /3.2Liter L4 OHV, 8 Valves, vin 76Y,77Y,78Y,79Y,83Z,84Z,85Z,86Z,8 7Z,88Z,89Z,DA,DS,, Gasoline	01/1961- 12/1963	3194 cc	4.06 X 3.75	0 cyl 4 cyl	Tempest	32
CR4240CP CLE: CB- 758 (4) FMO: 4-1555CPA	C 815	4 Pairs		2.2488/ 2.2498 57.120/ 57.145	2.3745/ 2.3750 60.312/ 60.325	0.8860 22.50	0.0619 1.572
CS 511BB STD For 1963 eng. only. ACL: 5C292 CLE: SH- 292S DUR: P-4 FMO: 1220M	S 511	5	1-2-3-4- 5	1.8992/ 1.8997 48.240/ 48.252	2.0297/ 2.0317 51.554/ 51.605	0.6800 17.27	0.0644 1.636
CS 538BB For 1961 - 62 eng. only. DUR: P-3							
MB5523AM STD/010/020/030/040 ACL: 5M496 CLE: MS- 496AL FMO: 4084M	M5511/1U	3 Pairs	1-2-3	2.9990/ 3.0000 76.175/ 76.200	3.1880/ 3.1890 80.975/ 81.001	0.9430 23.95	0.0937 2.380
	M5511/5U M5511/5L	1 Pair	5	2.9990/ 3.0000 76.175/ 76.200	3.1880/ 3.1890 80.975/ 81.001	1.5950 40.51	0.0937 2.380
	F5511U	1 Pair	4	2.9990/ 3.0000 76.175/ 76.200	3.1880/ 3.1890 80.975/ 81.001	1.1350 28.83	0.0937 2.380
33	6I,JL,JZ V6 198CI /3.2Liter, OHV, 12 Valves, Gasoline	01/1962- 12/1963	3245 cc	3.63 X 3.20	6 cyl	Special	33
CR6614SI STD/010/020/030/040/050/060 ACL: 6B610P CLE: CB- 610P (6) FMO: 6-2500RAA VAN: VPR91244	C 811	6 Pairs		1.9995/ 2.0005 50.787/ 50.813	2.1247/ 2.1252 53.967/ 53.980	0.7420 18.85	0.0620 1.575
34	173CI /2.8Liter L6 Second Design-Large journal size, OHV, 12 Valves, vin 9,R,S,W, Gasoline	01/1985- 12/1993	2835 cc	89.00 X 76.00	6 cyl	Beretta, Camaro, Cavalier, Celebrity, Century, Corsica, Cutlass, Cutlass Ciera, Fiero, Firebird, Firenze, Grand Prix, Regal, S10, S15, Sonoma	34
	L82, LG6, LG8, LJ0, L64 V6 189CI /3.1Liter, OHV, 12 Valves, vin D,J,M,T,W, Gasoline	01/1988- 12/2005	3097 cc	89.00 X 84.00	6 cyl		
	189CI /3.1Liter V6 OHV, 12	01/1989-	3097 cc	89.00 X 84.00	6 cyl		

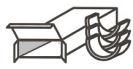




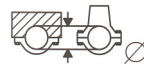


GENERAL MOTORS PRODUCTS				GENERAL MOTORS PRODUCTS			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
Valves, vin V, Gasoline Turbocharge		12/1990	3392 cc 92.00 X 84.00		6 cyl		
LA1,L32,LN7 V6 207CI /3.4Liter, OHV, 12 Valves, vin E,F,S, Gasoline		01/1993-12/2009					
CR 605SI STD/.25/.5/.75/1.0/1.5 ACL:6B1238 ~ CLE:CB-1238AL(6) ~ FMO:6-3765 ~ VAN:VPR91939 ~	C 605	6 Pairs		1.9983/ 1.9993 50.757/ 50.782	2.1245/ 2.1255 53.962/ 53.988	0.7200 18.29	0.0622 1.580
CR6680SI STD/.25/.5/.75 Same as CR 605SI but with housing bore resized .002" larger ACL:6B1238PO/S2 CLE:CB-1797A(6)							
CS 428BB Special oil control set with wider #2 and #3 bushings ACL:4C1102SW CLE:SH-1364S DUR:CH-18A							
CS 429BB STD/010 ACL:4C1102 CLE:SH-1364S DUR:CH-18 FMO:1785M ~	S 429/1	1	1	1.8677/ 1.8697 47.440/ 47.490	2.0091/ 2.0100 51.031/ 51.054	0.6250 15.88	0.0691 1.755
	S 429/2	2	2-3	1.8677/ 1.8697 47.440/ 47.490	1.9988/ 2.0002 50.770/ 50.805	0.6300 16.00	0.0640 1.626
	S 429/4	1	4	1.8677/ 1.8697 47.440/ 47.490	2.0091/ 2.0100 51.031/ 51.054	0.6250 15.88	0.0691 1.755
MB4080SI FI STD length in all undersizes, except U/S 1.5mm. FI length in U/S 1.5mm is 0.25mm FI O/S length ACL:4M2037A CLE:MS-2037P FMO:7242MA OEM: 8-12537-708-0	M4080/1U M4080/1L	2 Pairs	1,4	2.6473/ 2.6482 67.241/ 67.264	2.8406/ 2.8415 72.151/ 72.174	0.9820 24.94	0.0958 2.433
	M4080/2U M4080/2L	1 Pair	2	2.6473/ 2.6482 67.241/ 67.264	2.8406/ 2.8415 72.151/ 72.174	0.7420 18.85	0.0958 2.433
	F4080U F4080L	1 Pair	3	2.6473/ 2.6482 67.241/ 67.264	2.8406/ 2.8415 72.151/ 72.174	0.9420 23.93	0.0958 2.433
MB4091SI 020" oversize OD bearing	M4030/1U M4091/1L	2 Pairs	1-4	2.6473/ 2.6482 67.241/ 67.264	2.8605/ 2.8615 72.657/ 72.682	0.9820 24.94	0.1058 2.687
	M4030/2U M4091/2L	1 Pair	2	2.6473/ 2.6482 67.241/ 67.264	2.8605/ 2.8615 72.657/ 72.682	0.7420 18.85	0.1058 2.687
	F4030U F4091L	1 Pair	3	2.6473/ 2.6482 67.241/ 67.264	2.8605/ 2.8615 72.657/ 72.682	0.9410 23.90	0.1058 2.687
MB4092SI Same as MB4080SI, but with flange oversize 0.25 mm Flange length: 24.18 mm							
MB4093SI Same as MB4080SI, but with flange oversize 0.50 mm. Flange length: 24.43mm							
MB4094SI Same as MB4080SI, but with flange oversize 0.75 mm Flange length: 24.68 mm.							
35	LQ1 V6 207CI /3.4Liter, DOHC, 24 Valves, vin X, Gasoline	01/1991-12/1997	3393 cc 92.00 X 84.00		6 cyl		Cutlass, Grand Prix, Lumina, Monte Carlo
CR 605SI STD/.25/.5/.75/1.0/1.5 ACL:6B1238 ~ CLE:CB-1238AL(6) ~ FMO:6-3765 ~ VAN:VPR91939 ~	C 605	6 Pairs		1.9983/ 1.9993 50.757/ 50.782	2.1245/ 2.1255 53.962/ 53.988	0.7200 18.29	0.0622 1.580
MB4080SI FI STD length in all undersizes, except U/S 1.5mm. FI length in U/S 1.5mm is 0.25mm FI O/S length ACL:4M2037A CLE:MS-2037P FMO:7242MA OEM: 8-12537-708-0	M4080/1U M4080/1L	2 Pairs	1,4	2.6473/ 2.6482 67.241/ 67.264	2.8406/ 2.8415 72.151/ 72.174	0.9820 24.94	0.0958 2.433
	M4080/2U	1 Pair	2	2.6473/ 2.6482 67.241/ 67.264	2.8406/ 2.8415 72.151/ 72.174	0.7420 18.85	0.0958 2.433









GENERAL MOTORS PRODUCTS				GENERAL MOTORS PRODUCTS				
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness	
	M4080/2L F4080U F4080L	1 Pair	3	2.6473/ 2.6482 67.241/ 67.264	2.8406/ 2.8415 72.151/ 72.174	0.9420 23.93	0.0958 2.433	
MB4092SI Same as MB4080SI, but with flange oversize 0.25 mm Flange length: 24.18 mm								
MB4093SI Same as MB4080SI, but with flange oversize 0.50 mm. Flange length: 24.43mm								
MB4094SI Same as MB4080SI, but with flange oversize 0.75 mm Flange length: 24.68 mm.								
36	L52 L5 211CI /3.5Liter, VORTEC, DOHC, 20 Valves, vin 6, Gasoline	01/2004-12/2006	3460 cc	93.00 X 102.00	5 cyl	Chevrolet Colorado, GMC Canyon, H3, Hummer	36	
CR 525SI STD/010/020/030 ACL: 5B2290A CLE: CB-1811P (5)		C4529	5 Pairs	2.2319/ 2.2325 56.690/ 56.706	2.3749/ 2.3755 60.322/ 60.338	0.8110 20.60	0.0711 1.806	
37	215CI /3.5Liter V8 OHV, 16 Valves, Gasoline	01/1961-12/1963	3528 cc	3.50 X 2.80	8 cyl	Skylark, Special, Tempest	37	
CR 811SI STD/001/010/020/030/040/050/060 ACL: 8B610P CLE: CB- 610P (8) FMO: 8-2500RAA GLA: B8089SA GLY: 01-4377/8		C 811	8 Pairs	1.9950/ 2.0005 50.673/ 50.813	2.1247/ 2.1252 53.967/ 53.980	0.7420 18.85	0.0620 1.575	
MB 589AM STD/010/020/030/040 ACL: 5M2217 CLE: MS- 558AL FMO: 4096M GLA: M5260SA GLY: H1189/5		M 589U M 589L	4 Pairs	1-2-4-5	2.2983/ 2.2993 58.377/ 58.402	2.4906/ 2.4916 63.261/ 63.287	0.8070 20.50	0.0955 2.426
	F 589U F 589L	1 Pair	3	2.2987/ 2.2997 58.387/ 58.412	2.4906/ 2.4916 63.261/ 63.287	1.0580 26.87	0.0955 2.426	
38	LP1 V6 170CI /2.8Liter, DOHC, 24 Valves, vin T, Gasoline	01/2005-12/2007	2792 cc	89.00 X 74.80	6 cyl	CTS, LaCrosse	38	
	LF1 V6 182CI /3.0Liter, DOHC, 24 Valves, vin Y,G, Gasoline	01/2010-12/2010	2982 cc	89.00 X 80.20	6 cyl	CTS, Equinox, SRX, Terrain		
	LY7 ALLOYTEC V6 217CI /3.6Liter, DOHC, 24 Valves, Gasoline	01/2004-12/2010	3564 cc	94.00 X 85.60	6 cyl	Acadia, Allure, Aura, CTC, CTS, Camaro, Enclave, Equinox, G6, G8, La Crosse, Malibu, Outlook, Rendezvous, SRX, STS, Torrent, Traverse, Vue		
CR6826SI STD/.25/.5/.75 ACL: 6B2270A		C6826	6 Pairs	2.2044/ 2.2050 55.992/ 56.007	2.3472/ 2.3479 59.619/ 59.637	0.7303 18.55	0.0709 1.801	
MB4272SI STD/.25/.5/.75 ACL: 4M2273A		M4272U M4272L	3 Pairs	2.6768/ 2.6775 67.991/ 68.009	2.8687/ 2.8694 72.865/ 72.883	0.7776 19.75	0.0956 2.428	
	F4272 M4272L	1 Pair		2.6768/ 2.6775 67.991/ 68.009	2.8676/ 2.8694 72.837/ 72.883	0.9563 24.29	0.0956 2.428	
39	200CI /3.3Liter V6 OHV, 12 Valves, vin M, Gasoline	01/1978-12/1979	3277 cc	3.50 X 3.48	6 cyl		39	
	229CI /3.8Liter V6 OHV, 12 Valves, vin 9,K, Gasoline	01/1980-12/1984	3752 cc	3.74 X 3.48	6 cyl			
CR6618SI STD/010/020/030/040/050/060 ACL: 6B1227 CLE: CB-1227AL (6) FMO: 6-3750AP VAN: VPR91819		C6618	6 Pairs	2.0990/ 2.1000 53.315/ 53.340	2.2247/ 2.2257 56.507/ 56.533	0.7130 18.11	0.0620 1.575	
CS 414BB STD		S 414/1	1	1	1.8682/ 1.8692 47.452/ 47.478	2.0190/ 2.0210 51.283/ 51.333	0.7400 18.80	0.0744 1.890

GENERAL MOTORS PRODUCTS				GENERAL MOTORS PRODUCTS				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
ACL:4C1089 DUR:CH-17	CLE:SH-1350S FMO:1463M	S 414/2	2	2,4	1.8682/ 1.8692 47.452/ 47.478	2.0090/ 2.0110 51.029/ 51.079	0.7450 18.92	0.0694 1.763
		S 414/3	1	3	1.8682/ 1.8692 47.452/ 47.478	1.9990/ 2.0010 50.775/ 50.825	0.7400 18.80	0.0644 1.636
MB 445SI STD/001/010/020/030 ACL:4M1454 ~ FMO:5085MA	CLE:MS-1454AL ~ VAN:VPM91820 ~	M 557U M 557L	3 Pairs	1-2-3	2.4484/ 2.4493 62.189/ 62.212	2.6406/ 2.6415 67.071/ 67.094	0.8070 20.50	0.0955 2.426
		F 557U F 557L	1 Pair	4	2.4479/ 2.4488 62.177/ 62.200	2.6406/ 2.6415 67.071/ 67.094	1.7180 43.64	0.0955 2.426
MB 452SI 010 <i>This set is .020" oversize housing of MB 445SI.</i> CLE:MS-1628P	FMO:7380MA	M5570U M5570L	3 Pairs	1-2-3	2.4484/ 2.4493 62.189/ 62.212	2.6606/ 2.6615 67.579/ 67.602	0.8070 20.50	0.1055 2.680
		F5570U F5570L	1 Pair	4	2.4479/ 2.4488 62.177/ 62.200	2.6606/ 2.6615 67.579/ 67.602	1.7180 43.64	0.1055 2.680
40	204CI /3.3Liter V6 OHV, 12 Valves, vin N, Gasoline	01/1989-12/1993	3342 cc	3.70 X 3.16	6 cyl	Achieva, Century, Cutlass Ciera, Grand Am, Skylark, Somerset	40	
	231CI /3.8Liter V6 OHV, 12 Valves, vin C, Gasoline	01/1991-12/1991	3800 cc	3.80 X 3.40	6 cyl	Bonneville, Century, Electra, Firebird, Grand Prix, LeSabre, Lumina, Lumina APV, Ninety Eight, Park Avenue, Reatta, Regal, Toronado, Transport		
	231CI /3.8Liter V6 W/ 1/2" main bearing bolts, OHV, 12 Valves, vin L, Gasoline	01/1990-12/1993	3800 cc	3.80 X 3.40	6 cyl	Bonneville, Camaro, Firebird, Grand Prix, Impala, LeSabre, Lumina, Lumina APV, Monte Carlo, Park Avenue, Regal, Regency, Riviera, Silhouette, Toronado, Transport		
	231CI /3.8Liter V6 OHV, 12 Valves, vin 1, Gasoline Supercharged	01/1991-12/1993	3800 cc	3.80 X 3.40	6 cyl	Bonneville, Grand Prix, Impala, Monte Carlo, Ninety Eight, Park Avenue, Regal, Riviera		
CR6664SI STD/010/020/030/040 ACL:6B1443A FMO:6-3760A	C6664	6 Pairs			2.2487/ 2.2495 57.117/ 57.137	2.3738/ 2.3745 60.295/ 60.312	0.7210 18.31	0.0618 1.570
CR6824SI STD/010/020/030/040 <i>Same as CR6664SI but with housing bore resized .002" larger.</i> ACL:6B1443PO/S2	C6824	6 Pairs			2.2487/ 2.2495 57.117/ 57.137	2.3760/ 2.3770 60.350/ 60.376	0.7210 18.31	0.0618 1.570
CS 421BB STD ACL:4C1246S DUR:B-13	S 421/1	2	1,4	1.7850/ 1.7860 45.339/ 45.364	1.9355/ 1.9375 49.162/ 49.213	0.7600 19.30	0.0743 1.887	
	S 421/2	2	2-3	1.7850/ 1.7860 45.339/ 45.364	1.9155/ 1.9175 48.654/ 48.705	0.6250 15.88	0.0642 1.631	
MB 480SI STD/010/020/030/040 <i>FI STD length in all undersizes.</i> ACL:4M1822 FMO:7144M	M 480U M 480L	2 Pairs	1-3	2.4988/ 2.4998 63.470/ 63.495	2.6870/ 2.6880 68.250/ 68.275	0.8690 22.07	0.0936 2.377	
	M 480U M 480L1	1 Pair	4	2.4988/ 2.4998 63.470/ 63.495	2.6870/ 2.6880 68.250/ 68.275	0.8690 22.07	0.0936 2.377	
	F 480U F 480L	1 Pair	2	2.4988/ 2.4998 63.470/ 63.495	2.6870/ 2.6880 68.250/ 68.275	1.0580 26.87	0.0936 2.377	
41	HH,KH,KJ,LH,LJ,MH,MK,NH V6 225CI /3.6Liter, OHV, 12 Valves, Gasoline	01/1964-12/1967	3687 cc	3.75 X 3.40	6 cyl		41	
	231CI /3.8Liter V6 w/ odd fire	01/1975-	3800 cc	3.80 X 3.40	6 cyl			






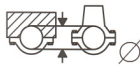


GENERAL MOTORS PRODUCTS				GENERAL MOTORS PRODUCTS				
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
eng., OHV, 12 Valves, vin C, Gasoline				12/1977				
CR6614SI STD/010/020/030/040/050/060 ACL: 6B610P CLE: CB- 610P (6) FMO: 6-2500RAA VAN: VPR91244	C 811	6 Pairs		1.9995/ 2.0005 50.787/ 50.813	2.1247/ 2.1252 53.967/ 53.980	0.7420 18.85	0.0620 1.575	
CS 415BB STD ACL: 4C1031 CLE: SH-1385S DUR: B-12 FMO: 1462M VAN: VPC94062								
CS 420BB <i>Special oil control design with 360 degree O/D groove in # 1 position.</i> ACL: 4C1031BS DUR: B-12B FMO: 1782M								
MB 443AM STD/010/020/030/040/060 <i>FI STD length in all undersizes.</i> ACL: 4M960 CLE: MS- 960AL FMO: 4263M VAN: VPM91265	M 443U M 443L	2 Pairs	1-3	2.4990/ 2.5000 63.475/ 63.500	2.6870/ 2.6880 68.250/ 68.275	0.8690 22.07	0.0935 2.375	
	M 443U M 443L1	1 Pair	4	2.4990/ 2.5000 63.475/ 63.500	2.6870/ 2.6880 68.250/ 68.275	0.8690 22.07	0.0935 2.375	
	F 443U F 443L	1 Pair	2	2.4990/ 2.5000 63.475/ 63.500	2.6870/ 2.6880 68.250/ 68.275	1.0580 26.87	0.0935 2.375	
MB 482AM 010/020/030 <i>Same as MB 443AM, but with flange oversize .010"</i> <i>Flange length: 27.12 mm</i> ACL: 4M1747P CLE: MS-1747								
MB 483AM <i>Same as MB 443AM, but with flange oversize .020"</i> <i>Flange length: 27.37mm</i> ACL: 4M1688 CLE: MS-1688 FMO: 7150M10								
MB 484AM <i>Same as MB 443AM, but with flange oversize .030"</i> <i>Flange length: 27.62mm</i>								
42	231CI /3.8Liter V6 OHV, 12 Valves, vin L, Gasoline	01/1995-12/1995	3800 cc	3.80 X 3.40	6 cyl		42	
	231CI /3.8Liter V6 w/ 7/16" main brg bolts, powder metal main brg cap, OHV, 12 Valves, vin 2,K,L, Gasoline	01/1995-12/2009	3800 cc	3.80 X 3.40	6 cyl			
	231CI /3.8Liter V6 OHV, 12 Valves, vin 1,4, Gasoline Supercharged	01/1995-12/2007	3800 cc	3.80 X 3.40	6 cyl			
CR6664SI STD/010/020/030/040 ACL: 6B1443A CLE: CB-1443AL (6) FMO: 6-3760A	C6664	6 Pairs		2.2487/ 2.2495 57.117/ 57.137	2.3738/ 2.3745 60.295/ 60.312	0.7210 18.31	0.0618 1.570	
CR6824SI STD/010/020/030/040 <i>Same as CR6664SI but with housing bore resized .002" larger.</i> ACL: 6B1443PO/S2 FMO: 6-3760A10x2	C6824	6 Pairs		2.2487/ 2.2495 57.117/ 57.137	2.3760/ 2.3770 60.350/ 60.376	0.7210 18.31	0.0618 1.570	
CS 421BB STD <i>Vin L</i> ACL: 4C1246S CLE: SH-1448S DUR: B-13 FMO: 1755M	S 421/1	2	1,4	1.7850/ 1.7860 45.339/ 45.364	1.9355/ 1.9375 49.162/ 49.213	0.7600 19.30	0.0743 1.887	
	S 421/2	2	2-3	1.7850/ 1.7860 45.339/ 45.364	1.9155/ 1.9175 48.654/ 48.705	0.6250 15.88	0.0642 1.631	
CS4401BB <i>Vin K</i> ACL: 4C1812S CLE: SH-1812S DUR: B-14								
MB4017SI STD/010/020/030/040 <i>FI STD length in all undersizes</i> ACL: 4M2022P CLE: MS-2022P FMO: 7288M	M 480U M4017L	1 Pair	1	2.6870/ 2.6880 68.250/ 68.275	2.4880/ 2.4990 63.195/ 63.475	0.0869 2.21	0.0937 2.380	
	F 480U	1 Pair	2	2.6870/ 2.6880 68.250/ 68.275	2.4880/ 2.4990 63.195/ 63.475	1.0580 26.87	0.0932 2.367	

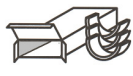




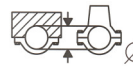


GENERAL MOTORS PRODUCTS				GENERAL MOTORS PRODUCTS				
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness	
	F 480L M 480U M 480L M 480U M4018L	1 Pair 1 Pair	3 4	2.6870/ 2.6880 68.250/ 68.275 2.6870/ 2.6880 68.250/ 68.275	2.4880/ 2.4990 63.195/ 63.475 2.4800/ 2.4990 62.992/ 63.475	0.0869 2.21 0.0869 2.21	0.0932 2.367 0.0937 2.380	
43	231CI /3.8Liter V6 w/ 7/16" main brg bolts, nodular iron main brg cap, OHV, 12 Valves, vin L, Gasoline	01/1994- 12/1994	3800 cc	3.80 X 3.40	6 cyl		43	
	231CI /3.8Liter V6 OHV, 12 Valves, vin 1, Gasoline Supercharged	01/1994- 12/1994	3800 cc	3.80 X 3.40	6 cyl			
	CR6664SI STD/010/020/030/040 ACL:6B1443A CLE:CB-1443AL (6) FMO:6-3760A	C6664	6 Pairs		2.2487/ 2.2495 57.117/ 57.137	2.3738/ 2.3745 60.295/ 60.312	0.7210 18.31	0.0618 1.570
	CR6824SI STD/010/020/030/040 <i>Same as CR6664SI but with housing bore resized .002" larger.</i> ACL:6B1443PO/S2 FMO:6-3760A10x2	C6824	6 Pairs		2.2487/ 2.2495 57.117/ 57.137	2.3760/ 2.3770 60.350/ 60.376	0.7210 18.31	0.0618 1.570
	CS 421BB STD ACL:4C1246S CLE:SH-1448S DUR:B-13 FMO:1755M	S 421/1 S 421/2	2 2	1,4 2-3	1.7850/ 1.7860 45.339/ 45.364 1.7850/ 1.7860 45.339/ 45.364	1.9355/ 1.9375 49.162/ 49.213 1.9155/ 1.9175 48.654/ 48.705	0.7600 19.30 0.6250 15.88	0.0743 1.887 0.0642 1.631
	MB4018SI 010/020/030/040 <i>FI STD length in all undersizes</i> ACL:4M2021P CLE:MS-2021P FMO:7277M	M 480U M 480L F 480U F 480L M 480U M4018L	2 Pairs 1 Pair 1 Pair	1,3 2 4	2.4988/ 2.4998 63.470/ 63.495 2.4880/ 2.4998 63.195/ 63.495 2.4880/ 2.4998 63.195/ 63.495	2.6870/ 2.6880 68.250/ 68.275 2.6870/ 2.6880 68.250/ 68.275 2.6870/ 2.6880 68.250/ 68.275	0.8690 22.07 1.0580 26.87 0.8690 22.07	0.0937 2.380 0.0932 2.367 0.0932 2.367
44	248CI /4.1Liter L8 OHV, 16 Valves, Gasoline	01/1949- 12/1950	4065 cc	78.49 X 104.90	8 cyl	Buick	44	
	CR 884AM CLE:CB- 315M(8) FMO:1510SB	C 884	8 Pairs		1.9979/ 1.9990 50.747/ 50.775	2.1240/ 2.1245 53.950/ 53.962	0.9680 24.59	0.0624 1.585
45	194CI /3.2Liter V6 OHV, 12 Valves, Gasoline	01/1962- 12/1967	3180 cc	3.56 X 3.25	6 cyl	Chevelle, Chevy II, G10, G1000, P10	45	
	230CI /3.8Liter V6 OHV, 12 Valves, vin S, Gasoline	01/1962- 12/1970	3769 cc	3.88 X 3.25	6 cyl	Bel Air, Biscayne, C10, C20, C30, C50, Camaro, Chevelle, Chevy II, G10, G20, G1000, G1500, Impala, K10, K20, L50, P10, P20, P30, P50, P1000, P1500, P2500, P3500, T50		
	250CI /4.1Liter V6 OHV, 12 Valves, vin C,D,L,N,P,Q,S, Gasoline	01/1966- 12/1984	4098 cc	3.88 X 3.53	6 cyl	Apollo, Bel Air, Biscayne, Blazer, C10, C20, C30, C1500, C2500, Camaro, Caprice, Chevelle, Chevy II, Cutlass, El Camino, Firebird, G10, G20, G30, G2500, G3500, Impala, Jimmy, K10, K20, K1500, K2500, Laurentain, Lemans, Nova, Omega, P10, P20, P30, P1500, P2500, P3500, PS40, PS50, SS40, SS50, Skylark, Special, Sprint, TS40, TS50, Ventura		
	CR 624AM STD/010/020/030/040/050/060	C 624	6 Pairs		1.9990/ 2.0000 50.775/ 50.800	2.1247/ 2.1252 53.967/ 53.980	0.8420 21.39	0.0621 1.577









GENERAL MOTORS PRODUCTS				GENERAL MOTORS PRODUCTS				
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness	
ACL:6B745 FMO:6-2020AP VAN:VPR91046	CLE:CB- 745AL(6) GLA:B6386SA							
CS 402BB <i>For 1962-70 eng. only.</i>								
ACL:4C399 DUR:CH-7 GLA:C4070SA	CLE:SH- 399S FMO:1203M							
CS 405BB^{STD} <i>For 1971-84 eng. only.</i>								
ACL:4C718 DUR:CH-11 GLA:C4090SA	CLE:SH- 718S FMO:1557M VAN:VPC94006							
MB 752S^ISTD/010/020/030/040/050/060 <i>FI STD length in all undersizes, except U/S 060.</i> <i>FI length in U/S 060 is 010 FI O/S length.</i>	M 752U M 752L	6 Pairs	1-2-3-4-5-6	2.2983/ 2.2993 58.377/ 58.402	2.4906/ 2.4916 63.261/ 63.287	0.8070 20.50	0.0955 2.426	
ACL:7M617 FMO:4124M VAN:VPM91100	CLE:MS- 617AL GLA:M7235SA	F 752U F 752L	1 Pair 7	2.2983/ 2.2993 58.377/ 58.402	2.4906/ 2.4916 63.261/ 63.287	1.0090 25.63	0.0955 2.426	
46	215CI /3.5Liter L6 OHV, 12 Valves, Gasoline	01/1964-12/1965	3524 cc	3.75 X 3.25	6 cyl	Tempest	46	
	230CI /3.8Liter L6 SOHC, 12 Valves, Gasoline	01/1966-12/1967	3769 cc	3.88 X 3.25	6 cyl	Firebird, Tempest		
	250CI /4.1Liter L6 SOHC, 12 Valves, Gasoline	01/1968-12/1969	4098 cc	3.88 X 3.53	6 cyl	Firebird, Tempest		
CR 624A^MSTD/010/020/030/040/050/060	C 624	6 Pairs		1.9990/ 2.0000 50.775/ 50.800	2.1247/ 2.1252 53.967/ 53.980	0.8420 21.39	0.0621 1.577	
ACL:6B745 FMO:6-2020AP VAN:VPR91046	CLE:CB- 745AL(6) GLA:B6386SA							
CS 402BB								
ACL:4C399 DUR:CH-7 GLA:C4070SA	CLE:SH- 399S FMO:1203M							
MB 752S^ISTD/010/020/030/040/050/060 <i>FI STD length in all undersizes, except U/S 060.</i> <i>FI length in U/S 060 is 010 FI O/S length.</i>	M 752U M 752L	6 Pairs	1-2-3-4-5-6	2.2983/ 2.2993 58.377/ 58.402	2.4906/ 2.4916 63.261/ 63.287	0.8070 20.50	0.0955 2.426	
ACL:7M617 FMO:4124M VAN:VPM91100	CLE:MS- 617AL GLA:M7235SA	F 752U F 752L	1 Pair 7	2.2983/ 2.2993 58.377/ 58.402	2.4906/ 2.4916 63.261/ 63.287	1.0090 25.63	0.0955 2.426	
47	181CI /3.0Liter V6 OHV, 12 Valves, vin E,L, Gasoline	01/1982-12/1988	2966 cc	3.80 X 2.60	6 cyl	Calais, Century, Cutlass Ciera, Delta 88, Grand Am, LeSabre, Skylark, Somerset	47	
	LC9 V6 196CI /3.2Liter, OHV, 12 Valves, vin C, Gasoline	01/1978-12/1979	3211 cc	3.50 X 3.40	6 cyl	Century, Regal		
	231CI /3.8Liter V6 OHV, 12 Valves, vin 2,A, Gasoline	01/1977-12/1987	3800 cc	3.80 X 3.40	6 cyl	Apollo, Caballera, Camaro, Caprice, Catalina, Cutlass, Delta 88, El Camino, Electra, Firebird, Grand Am, Grand Prix, Malibu, Monte Carlo, Monza, Nova, Omega, Parisienne, Phoenix, Regal, Riviera, Skyhawk, Skylark, Startire, Ventura		
	231CI /3.8Liter V6 OHV, 12 Valves, vin 3,7,8,9,G, Gasoline Turbocharge	01/1978-12/1989	3800 cc	3.80 X 3.40	6 cyl	Century, Firebird, LeSabre, Monte Carlo, Regal, Riviera		
	231CI /3.8Liter V6 OHV, 12 Valves, vin C, Gasoline	01/1984-12/1990	3800 cc	3.80 X 3.40	6 cyl			
	LC4 V6 252CI /4.1Liter, OHV, 12 Valves, vin 4, Gasoline	01/1980-12/1984	4129 cc	3.97 X 3.40	6 cyl	Bonneville, Century, Commercial Chassis, Deville, Deville, Eldorado,		

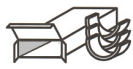




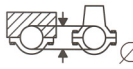


GENERAL MOTORS PRODUCTS				GENERAL MOTORS PRODUCTS				
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
							Electra, Fleetwood, Grand Prix, LeSabre, Monza, Ninety Eight, Regal, Riviera, Toronado	
CR6616SI ACL:6B1228A CLE:CB-1228P(6) FMO:6-3755A VAN:VPR91818	C6616	6 Pairs		2.2487/ 2.2495 57.117/ 57.137	2.3740/ 2.3745 60.300/ 60.312	0.6590 16.74	0.0619 1.572	
CR6684AM <i>Same as CR6616SI but with housing bore resized .002" larger.</i> ACL:6B1228PO/S2 CLE:CB-1800P-10(6) FMO:6-3755A10*2								
CS 415BBSTD <i>For 1977-85 eng. with 14 bolt oil pan only.</i> ACL:4C1031 CLE:SH-1385S DUR:B-12 FMO:1462M VAN:VPC94062								
CS 420BB <i>Special oil control design with 360 degree O/D groove in #1 position. For 1977-85 eng. with 14 bolt oil pan only.</i> ACL:4C1031BS DUR:B-12B FMO:1782M								
CS 421BBSTD <i>For 1985-90 eng. with 20 bolt oil pan only.</i> ACL:4C1246S CLE:SH-1448S DUR:B-13 FMO:1755M	S 421/1	2	1,4	1.7850/ 1.7860 45.339/ 45.364	1.9355/ 1.9375 49.162/ 49.213	0.7600 19.30	0.0743 1.887	
	S 421/2	2	2-3	1.7850/ 1.7860 45.339/ 45.364	1.9155/ 1.9175 48.654/ 48.705	0.6250 15.88	0.0642 1.631	
MB 443AM STD/010/020/030/040/060 <i>FI STD length in all undersizes.</i> ACL:4M960 CLE:MS- 960AL FMO:4263M VAN:VPM91265	M 443U M 443L	2 Pairs	1-3	2.4990/ 2.5000 63.475/ 63.500	2.6870/ 2.6880 68.250/ 68.275	0.8690 22.07	0.0935 2.375	
	M 443U M 443L1	1 Pair	4	2.4990/ 2.5000 63.475/ 63.500	2.6870/ 2.6880 68.250/ 68.275	0.8690 22.07	0.0935 2.375	
	F 443U F 443L	1 Pair	2	2.4990/ 2.5000 63.475/ 63.500	2.6870/ 2.6880 68.250/ 68.275	1.0580 26.87	0.0935 2.375	
MB 482AM 010/020/030 <i>Same as MB 443AM, but with flange oversize .010"</i> <i>Flange length: 27.12 mm</i> ACL:4M1747P CLE:MS-1747								
MB 483AM <i>Same as MB 443AM, but with flange oversize .020"</i> <i>Flange length: 27.37mm</i> ACL:4M1688 CLE:MS-1688 FMO:7150M10								
MB 484AM <i>Same as MB 443AM, but with flange oversize .030"</i> <i>Flange length: 27.62mm</i>								
48	LL8, VORTEC L6 254CI /4.2Liter, DOHC, 24 Valves, vin S, Gasoline	01/2002-12/2009	4157 cc	93.00 X 102.00	6 cyl	Bravada, Envoy, Trail Blazer	48	
CR6833SI STD/010/020/030 ACL:6B2290A CLE:CB-1811P(6)	C4529	6 Pairs		2.2319/ 2.2325 56.690/ 56.706	2.3749/ 2.3755 60.322/ 60.338	0.8110 20.60	0.0711 1.806	
49	235CI /3.9Liter L6 OHV, 12 Valves, Gasoline	01/1953-12/1962	3852 cc	3.56 X 3.94	6 cyl	4, 6, 3100, 3200, 3600, 3800, Beauville, Bel Air, Brookwood, C10, C20, C30, C40, C50, Del Ray, Deluxe, El Camino, HU, Impala, K, K10, K20, KU, L50, M, Nomad, P10, P20, P30, Special 150, Suburban, T, TP, TR, TS, TV, TW, TX, TY, Townsman, U, UP, UR,	49	









GENERAL MOTORS PRODUCTS					GENERAL MOTORS PRODUCTS				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
								US, UV, UW, UX, UY, V, VP, VR, VS, VV, VW, VX, VY, VZ, W, X, Y, Yeoman, Z	
	261CI /4.3Liter L6 OHV, 12 Valves, Gasoline	01/1954-12/1962	4275 cc	3.75 X 3.94	6 cyl	6, C10, C20, C30, C60, K10, K20, L60, Suburban, T60, V, W, X, Y, Z			
	CR 610AM _{STD/020} CLE:CB- 416P (6) FMO:6-1950CP GLA:B6165SA	C 610	6 Pairs		2.3110/ 2.3120 58.699/ 58.725	2.4367/ 2.4372 61.892/ 61.905	1.0330 26.24	0.0620 1.575	
	CS 434BB ACL:4C383S CLE:SH- 383S DUR:CH-3 FMO:1170M	S 434/1	1	1	2.1537/ 2.1547 54.704/ 54.729	2.2840/ 2.2860 58.014/ 58.064	1.1250 28.58	0.0641 1.628	
		S 434/4	1	4	1.9662/ 1.9672 49.941/ 49.967	2.0965/ 2.0985 53.251/ 53.302	0.9370 23.80	0.0642 1.631	
		S 434/2	1	2	2.0912/ 2.0922 53.116/ 53.142	2.2215/ 2.2235 56.426/ 56.477	0.9370 23.80	0.0641 1.628	
		S 434/3	1	3	2.0287/ 2.0297 51.529/ 51.554	2.1590/ 2.1610 54.839/ 54.889	0.9370 23.80	0.0641 1.628	
50	262CI /4.3Liter V6 OHV, 12 Valves, vin N,W,X,Z, Gasoline	01/1985-12/2010	4293 cc	4.00 X 3.48	6 cyl	Astro, Blazer, Bonneville, Bravado, C10, C20, C30, C1500, C2500, C3500, Caballera, Caprice, El Camino, Envoy, Express, G10, G20, G30, G1500, G2500, G3500, Grand Prix, Impala, Jimmy, K10, K20, K1500, K2500, K3500, Monte Carlo, P30, P3500, Parisienne, R2500, Regal, S10, S15, Safari, Sierra, Silverado, Sonoma, Suburban, R10, R20, R1500, Trailblazer, V10, V20, V1500, V2500			50
	262CI /4.3Liter V6 OHV, 12 Valves, vin B, Gasoline	01/1990-12/1991	4293 cc	4.00 X 3.48	6 cyl	Astro, Safari			
	262CI /4.3Liter V6 OHV, 12 Valves, vin Z, Gasoline Turbocharge	01/1991-12/1993	4293 cc	4.00 X 3.48	6 cyl	Syclone, Typhoon			
	CR6625SI _{STD/.25/.5/.75} ACL:6B1358A CLE:CB-1358AL (6) FMO:6-1020A	C6625	6 Pairs		2.2492/ 2.2498 57.130/ 57.145	2.3747/ 2.3757 60.317/ 60.343	0.7530 19.13	0.0620 1.575	
	CR6683SI _{STD/.25/.5/.75} <i>Same as CR6625SI but with housing bore resized .002" larger.</i> ACL:6B1358PO/S2 CLE:CB-1794A (6) FMO:6-1020AX2	C6683	6 Pairs		2.2492/ 2.2498 57.130/ 57.145	2.3760/ 2.3770 60.350/ 60.376	0.7530 19.13	0.0630 1.600	
	CS 414BB _{STD} <i>For all engines exc. 1992-04 with I.D. starting with "T" (located at front of block).</i> ACL:4C1089 CLE:SH-1350S DUR:CH-17 FMO:1463M	S 414/1	1	1	1.8682/ 1.8692 47.452/ 47.478	2.0190/ 2.0210 51.283/ 51.333	0.7400 18.80	0.0744 1.890	
		S 414/2	2	2,4	1.8682/ 1.8692 47.452/ 47.478	2.0090/ 2.0110 51.029/ 51.079	0.7450 18.92	0.0694 1.763	
		S 414/3	1	3	1.8682/ 1.8692 47.452/ 47.478	1.9990/ 2.0010 50.775/ 50.825	0.7400 18.80	0.0644 1.636	
	CS 435BB _{STD/010} <i>For all engines 1992-04 with I.D. starting with "T" (located at front of block).</i> ACL:4C1351S CLE:SH-1351 DUR:CH-21 FMO:1855M	S 435/1	1	1	2.0990/ 2.1000 53.315/ 53.340	2.2305/ 2.2320 56.655/ 56.693	0.7900 20.07	0.0647 1.643	
		S 435/2	4	2-3-4-5	2.0990/ 2.1000 53.315/ 53.340	2.2305/ 2.2320 56.655/ 56.693	0.6550 16.64	0.0647 1.643	
	CS1101BB								

GENERAL MOTORS PRODUCTS					GENERAL MOTORS PRODUCTS			
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
<i>Aux. / Balance shaft rear bearing.</i>								
MB 445SI STD/001/010/020/030 ACL:4M1454 ~ CLE:MS-1454AL ~ FMO:5085MA VAN:VPM91820 ~	M 557U M 557L	3 Pairs	1-2-3	2.4484/ 2.4493 62.189/ 62.212	2.6406/ 2.6415 67.071/ 67.094	0.8070 20.50	0.0955 2.426	
	F 557U F 557L	1 Pair	4	2.4479/ 2.4488 62.177/ 62.200	2.6406/ 2.6415 67.071/ 67.094	1.7180 43.64	0.0955 2.426	
MB 452SI 010 <i>This set is .020" oversize housing of MB 445SI.</i> CLE:MS-1628P FMO:7380MA	M5570U M5570L	3 Pairs	1-2-3	2.4484/ 2.4493 62.189/ 62.212	2.6606/ 2.6615 67.579/ 67.602	0.8070 20.50	0.1055 2.680	
	F5570U F5570L	1 Pair	4	2.4479/ 2.4488 62.177/ 62.200	2.6606/ 2.6615 67.579/ 67.602	1.7180 43.64	0.1055 2.680	
51	228CI /3.7Liter L6 OHV, 12 Valves, Gasoline	01/1940-12/1953	3736 cc	90.48 X 96.85	6 cyl		51	
	236CI /3.9Liter L6 OHV, 12 Valves, Gasoline	01/1942-12/1946	3867 cc	92.08 X 96.85	6 cyl			
	248CI /4.1Liter L6 OHV, 12 Valves, Gasoline	01/1940-12/1955	4065 cc	94.44 X 96.85	6 cyl			
	256CI /4.2Liter L6 OHV, 12 Valves, Gasoline	01/1940-12/1941	4200 cc	96.04 X 96.85	6 cyl			
	270CI /4.4Liter L6 OHV, 12 Valves, Gasoline	01/1940-12/1962	4425 cc	96.04 X 101.60	6 cyl			
CR 607AM CLE:CB- 251AL (6) FMO:6-9845CP	C 607	6 Pairs		2.3110/ 2.3120 58.699/ 58.725	2.4563/ 2.4568 62.390/ 62.403	1.2120 30.78	0.0715 1.816	
MB 410AM <i>Under Development</i> CLE:MS- 119AL FMO:697M	M 410/1	1 Pair	1	2.6833/ 2.6845 68.156/ 68.186	2.8728/ 2.8735 72.969/ 72.987	1.2500 31.75	0.0937 2.380	
	M 410/2	1 Pair	2	2.7145/ 2.7155 68.948/ 68.974	2.9038/ 2.9043 73.757/ 73.769	1.2500 31.75	0.0937 2.380	
	M 410/4U M 410/4L	1 Pair	4	2.7455/ 2.7465 69.736/ 69.761	2.9348/ 2.9353 74.544/ 74.557	1.5350 38.99	0.0937 2.380	
	F 410	1 Pair	3	2.7765/ 2.7775 70.523/ 70.549	2.9658/ 2.9668 75.331/ 75.357	1.4330 36.40	0.0937 2.380	
52	L47 V8 244CI /4.0Liter, DOHC, 32 Valves, vin C, Gasoline	01/1995-12/2003	4000 cc	3.43 X 3.31	8 cyl	Allante, Aurora	52	
	L37,LD8,LH2 V8 279CI /4.6Liter, DOHC, 32 Valves, vin 9, Gasoline	01/1993-12/2010	4565 cc	3.66 X 3.31	8 cyl	Bonneville, Deville, DTS, Eldorado, Lucerne, SRX, STS, XLR		
CR8003SI CLE:CB-1648P (8) FMO:8-4825A	C8003	8 Pairs		2.1240/ 2.1245 53.950/ 53.962	2.2496/ 2.2500 57.140/ 57.150	0.7580 19.25	0.0621 1.577	
53	292CI /4.8Liter L6 OHV, 12 Valves, vin S,T, Gasoline	01/1963-12/1989	4785 cc	3.88 X 4.13	6 cyl	Blazer, C20, C30, C1500, C2500, C3500, C5000, C6000, G20, G30, G2500, G3500, Jimmy, K20, K1500, K2500, K3500, P4, P10, P20, P30, P1500, P2500, P3500, R20, R30, R2500, R3500, V20, V30, V2500, V3500	53	
CR 641SI STD/010/020/030/040/050/060 ACL:6B663 CLE:CB- 663AL (6) FMO:6-2555AP GLA:B6419SA VAN:VPR91277	C 807	6 Pairs		2.0990/ 2.1000 53.315/ 53.340	2.2247/ 2.2252 56.507/ 56.520	0.8420 21.39	0.0621 1.577	
CS 402BB <i>For 63-70 eng.</i> ACL:4C399 CLE:SH- 399S DUR:CH-7 FMO:1203M GLA:C4070SA								

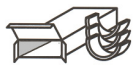



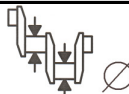
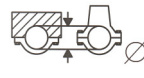


GENERAL MOTORS PRODUCTS				GENERAL MOTORS PRODUCTS				
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness	
CS 405BB_{STD} <i>For 71 -89 eng.</i> ACL:4C718 CLE:SH- 718S DUR:CH-11 FMO:1557M GLA:C4090SA VAN:VPC94006								
MB 752SI_{STD} 010/020/030/040/050/060 <i>FI STD length in all undersizes, except U/S 060.</i> <i>FI length in U/S 060 is 010 FI O/S length.</i> ACL:7M617 CLE:MS- 617AL FMO:4124M GLA:M7235SA VAN:VPM91100		M 752U M 752L	6 Pairs	1-2-3-4-5-6	2.2983/ 2.2993 58.377/ 58.402	2.4906/ 2.4916 63.261/ 63.287	0.8070 20.50	0.0955 2.426
		F 752U F 752L	1 Pair	7	2.2983/ 2.2993 58.377/ 58.402	2.4906/ 2.4916 63.261/ 63.287	1.0090 25.63	0.0955 2.426
54	KL,KP,LL,LP,ML,NL V8 300CI /4.9Liter, OHV, 16 Valves, Gasoline	01/1964-12/1967	4914 cc	3.75 X 3.40	8 cyl	LeSabre, Riviera, Skylark, Special	54	
CR 811SI STD 001/010/020/030/040/050/060 ACL:8B610P CLE:CB- 610P (8) FMO:8-2500RAA GLA:B8089SA GLY:01-4377/8		C 811	8 Pairs		1.9950/ 2.0005 50.673/ 50.813	2.1247/ 2.1252 53.967/ 53.980	0.7420 18.85	0.0620 1.575
MB5424AM_{STD} 010/020/030/040/050/060 <i>FI STD length in all undersizes.</i> CLE:MS- 961P FMO: 7256MA		M 443U M 443L	3 Pairs	1-3	2.4990/ 2.5000 63.475/ 63.500	2.6870/ 2.6880 68.250/ 68.275	0.8690 22.07	0.0935 2.375
		M 443U M 443L1	1 Pair	4	2.4990/ 2.5000 63.475/ 63.500	2.6870/ 2.6880 68.250/ 68.275	0.8690 22.07	0.0935 2.375
		F 443U F 443L	1 Pair	2	2.4990/ 2.5000 63.475/ 63.500	2.6870/ 2.6880 68.250/ 68.275	1.0580 26.87	0.0935 2.375
55	250CI /4.1Liter V8 OHV, 16 Valves, vin 7,8, Gasoline	01/1982-12/1988	4096 cc	88.00 X 84.00	8 cyl	Allante, Commercial Chassis, Deville, Eldorado, Fleetwood, Seville	55	
	273CI /4.5Liter V8 OHV, 16 Valves, vin 3,5,8, Gasoline	01/1988-12/1992	4473 cc	92.00 X 84.00	8 cyl	Allante, Commercial Chassis, Deville, Eldorado, Fleetwood, Seville		
	L26 V8 300CI /4.9Liter, OHV, 16 Valves, vin B, Gasoline	01/1991-12/1995	4916 cc	92.00 X 92.00	8 cyl	Deville, Eldorado, Fleetwood, Seville		
CR 819CP_{STD} 25/5/75 ACL:8B1351 CLE:CB-1351P (8) FMO:8-3870RA		C 819	8 Pairs		1.9270/ 1.9279 48.946/ 48.969	2.0524/ 2.0531 52.131/ 52.149	0.6640 16.87	0.0620 1.575
CS 535BB ACL:5C1300 CLE:SH-1371S DUR:C-4 FMO:1757M								
MB5522CP_{STD} 25/5/75 ACL:SM7146 CLE:MS-1705P FMO:7046M		M5522/1	1 Pair	1	2.6354/ 2.6364 66.939/ 66.965	2.8276/ 2.8283 71.821/ 71.839	0.9500 24.13	0.0962 2.443
		M5522/2	2 Pairs	2-4	2.6354/ 2.6364 66.939/ 66.965	2.8276/ 2.8283 71.821/ 71.839	0.9500 24.13	0.0960 2.438
		F5522	1 Pair	3	2.6354/ 2.6364 66.939/ 66.965	2.8276/ 2.8283 71.821/ 71.839	1.2920 32.82	0.0955 2.426
		M5522/5	1 Pair	5	2.6354/ 2.6364 66.939/ 66.965	2.8276/ 2.8283 71.821/ 71.839	0.9820 24.94	0.0960 2.438
56	265CI /4.3Liter V8 OHV, 16 Valves, vin S, Gasoline	01/1980-12/1981	4342 cc	3.75 X 3.00	8 cyl	Bonneville, Catalina, Century, Delta 88, Firebird, Grand Prix, Laurentian, Lemans, Regal	56	
	301CI /4.9Liter V8 OHV, 16 Valves, vin W,Y, Gasoline	01/1977-12/1981	4932 cc	4.00 X 3.00	8 cyl	Bonneville, Catalina, Century, Delta 88, Electra, Estate Wagon, Firebird, Grand Am, Grand Prix, LeSabre, Lemans, Regal, Riviera, Skylark		
	301CI /4.9Liter V8 OHV, 16	01/1980-	4932 cc	4.00 X 3.00	8 cyl	Firebird		






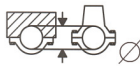


GENERAL MOTORS PRODUCTS				GENERAL MOTORS PRODUCTS			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
Valves, vin T, Gasoline Turbocharge				12/1981			
CR 811SI STD/001/010/020/030/040/050/060 ACL:8B610P CLE:CB- 610P(8) FMO:8-2500RAA GLA:B8089SA GLY:01-4377/8	C 811	8 Pairs		1.9950/ 2.0005 50.673/ 50.813	2.1247/ 2.1252 53.967/ 53.980	0.7420 18.85	0.0620 1.575
CS 511BBSTD ACL:5C292 CLE:SH- 292S DUR:P-4 FMO:1220M	S 511	5	1-2-3-4-5	1.8992/ 1.8997 48.240/ 48.252	2.0297/ 2.0317 51.554/ 51.605	0.6800 17.27	0.0644 1.636
MB5517AMSTD/010/020/030/040 ACL:5M1415 CLE:MS-1415AL FMO:5092M VAN:VPM91821	M5517/1U M5517/1L	3 Pairs	1-2-3	2.9995/ 3.0005 76.187/ 76.213	3.1880/ 3.1890 80.975/ 81.001	0.8690 22.07	0.0935 2.375
	M5511/5U M5511/5L	1 Pair	5	2.9995/ 3.0005 76.187/ 76.213	3.1880/ 3.1890 80.975/ 81.001	1.5950 40.51	0.0938 2.383
	F5517U F5517L	1 Pair	4	2.9995/ 3.0005 76.187/ 76.213	3.1880/ 3.1890 80.975/ 81.001	1.0580 26.87	0.0935 2.375
57	228CI /3.7Liter L6 OHV, 12 Valves, Gasoline	01/1952- 12/1953	3736 cc	90.48 X 96.85	6 cyl		57
	248CI /4.1Liter L6 OHV, 12 Valves, Gasoline	01/1952- 12/1955	4065 cc	94.44 X 96.85	6 cyl		
	270CI /4.4Liter L6 OHV, 12 Valves, Gasoline	01/1952- 12/1962	4425 cc	96.04 X 101.60	6 cyl		
	302CI /5.0Liter L6 OHV, 12 Valves, Gasoline	01/1952- 12/1959	5000 cc	101.60 X 101.60	6 cyl		
CR 612AM CLE:CB- 427P(6) FMO:6-1905CP	C 612	6 Pairs		2.3110/ 2.3120 58.699/ 58.725	2.4563/ 2.4568 62.390/ 62.403	1.1070 28.12	0.0720 1.829
58	303CI /5.0Liter V8 OHV, 16 Valves, Gasoline	01/1950- 12/1953	4963 cc	3.75 X 3.44	8 cyl	Eight Eight, Ninety Eight, Super 88	58
	324CI /5.3Liter V8 OHV, 16 Valves, Gasoline	01/1954- 12/1956	5310 cc	3.88 X 3.44	8 cyl	Eight Eight, F550, F600, F650, FM550, FM650, M550, M650, MW550, Ninety Eight, Super 88, S50, W550	
CR 815CPSTD/010/020/030/040 ACL:8B758 CLE:CB- 758P(8) FMO:8-1555CPA	C 815	8 Pairs		2.2488/ 2.2498 57.120/ 57.145	2.3745/ 2.3750 60.312/ 60.325	0.8860 22.50	0.0620 1.575
59	265CI /4.3Liter V8 OHV, 16 Valves, Gasoline	01/1955- 12/1957	4340 cc	3.75 X 3.00	8 cyl	Beauville, Bel Air, Corvette, Deluxe 210, Special 150, Townsmen	59
	283CI /4.7Liter V8 OHV, 16 Valves, Gasoline	01/1957- 12/1967	4638 cc	3.88 X 3.00	8 cyl	Beauville, Bel Air, Biscayne, Brookwood, C10, C20, C30, Camaro, Caprice, Chevelle, Chevy II, Corvette, Del Ray, Deluxe 210, El Camino, G10, G20, G1500, G2500, Impala, K10, K20, Special 150, Suburban, Townsmen	
	302CI /5.0Liter V8 OHV, 16 Valves, Gasoline	01/1967- 12/1967	4949 cc	4.00 X 3.00	8 cyl	Camaro	
	327CI /5.4Liter V8 OHV, 16 Valves, vin E, Gasoline	01/1962- 12/1967	5358 cc	4.00 X 3.25	8 cyl	Bel Air, Biscayne, C10, C20, C30, CE50, CE60, Caprice, Chevelle, Chevy II, Corvette, El Camino, Impala, K10, K20, ME50, P10, P20, P30, S6200, SE5000, SE6000, Suburban, TE50	
CR 803AMSTD/010/020/030/040/060 ACL:8B745 CLE:CB- 745AL(8)	C 624	8 Pairs		1.9990/ 2.0000 50.775/ 50.800	2.1247/ 2.1252 53.967/ 53.980	0.8420 21.39	0.0621 1.577

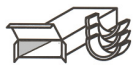




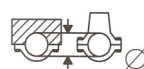


GENERAL MOTORS PRODUCTS				GENERAL MOTORS PRODUCTS				
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness	
FMO: 8-2020CP VAN: VPR673	GLA: B8031SA							
CS 507BB_{STD} <i>For 64-67 eng.</i> ACL: 5C290 DUR: CH-8 VAN: VPC979	CLE: SH- 290S FMO: 1235M							
CS 534BB <i>For 55-63 eng.</i> ACL: 5C287 DUR: CH-4	CLE: SH- 287S FMO: 1145M	S 534/1	1	1	1.8682/ 1.8692 47.452/ 47.478	2.0190/ 2.0210 51.283/ 51.333	0.7400 18.80	0.0744 1.890
		S 534/2	1	2	1.8682/ 1.8692 47.452/ 47.478	2.0090/ 2.0110 51.029/ 51.079	0.7450 18.92	0.0694 1.763
		S 534/3	2	3-4	1.8682/ 1.8692 47.452/ 47.478	1.9990/ 2.0010 50.775/ 50.825	0.7400 18.80	0.0644 1.636
		S 534/5	1	5	1.8682/ 1.8692 47.452/ 47.478	2.0090/ 2.0110 51.029/ 51.079	0.9400 23.88	0.0694 1.763
MB 554AM_{STD/001/010/020/030/040/060} ACL: 5M429 FMO: 994M VAN: VPM768	CLE: MS- 429AL GLA: M5100LC/SB	M 554U M 554L	4 Pairs	1-2-3-4	2.2983/ 2.2993 58.377/ 58.402	2.4906/ 2.4916 63.261/ 63.287	0.8070 20.50	0.0955 2.426
		F 554U F 554L	1 Pair	5	2.2978/ 2.2988 58.364/ 58.390	2.4906/ 2.4916 63.261/ 63.287	1.7180 43.64	0.0956 2.428
60	330CI /5.4Liter V8 First Series, OHV, 16 Valves, Gasoline	01/1964- 12/1964	5405 cc	3.94 X 3.39	8 cyl	F85, Jetstar	60	
CR 817AM_{STD/010/020/030/040/060} ACL: 8B684 FMO: 8-3045APA	CLE: CB- 684AL (8) VAN: VPR91259	C 817	8 Pairs		2.1238/ 2.1248 53.945/ 53.970	2.2495/ 2.2500 57.137/ 57.150	0.8310 21.11	0.0619 1.572
CS 509BB ACL: 5C638 DUR: O-6	CLE: SH-1354S FMO: 1234M							
61	260CI /4.3Liter V8 OHV, 16 Valves, vin P, Diesel	01/1979- 12/1979	4300 cc	3.50 X 3.39	8 cyl	Cutlass	61	
	350CI /5.7Liter V8 OHV, 16 Valves, vin N,Z, Diesel	01/1978- 12/1985	5735 cc	4.06 X 3.39	8 cyl	Blazer, Bonneville, C10 , C1500, Caballera, Caprice, Catalina, Custom Cruiser, Cutlass, Delta 88, Deville, El Camino, Eldorado, Electra, Impala, Jimmy, Laurentian, LeSabre, Malibu, Monte Carlo, Ninety Eight, Parisienne, Regal, Riviera, Sedan Deville, Seville, Toronado		
CR 817AM_{STD/010/020/030/040/060} ACL: 8B684 FMO: 8-3045APA	CLE: CB- 684AL (8) VAN: VPR91259	C 817	8 Pairs		2.1238/ 2.1248 53.945/ 53.970	2.2495/ 2.2500 57.137/ 57.150	0.8310 21.11	0.0619 1.572
CS 510BB_{STD} ACL: 5C1088 DUR: O-7	CLE: SH-1355S FMO: 1466M							
62	MA,MB,NA,NB V8 340CI /5.6Liter, OHV, 16 Valves, Gasoline	01/1966- 12/1967	5573 cc	3.75 X 3.85	8 cyl	LeSabre, Special	62	
	350CI /5.7Liter V8 OHV, 16 Valves, vin B,H,J,K,X, Gasoline	01/1968- 12/1981	5735 cc	3.80 X 3.85	8 cyl	Apollo, Bonneville, Catalina, Centurian, Century, Electra, Estate Wagon, Gran Sport, Laurentian, Lemans, Regal, Riviera, Skylark, Special, Ventura		
CR 811SI STD/001/010/020/030/040/050/060 ACL: 8B610P FMO: 8-2500RAA GLY: 01-4377/8	CLE: CB- 610P (8) GLA: B8089SA	C 811	8 Pairs		1.9950/ 2.0005 50.673/ 50.813	2.1247/ 2.1252 53.967/ 53.980	0.7420 18.85	0.0620 1.575









GENERAL MOTORS PRODUCTS				GENERAL MOTORS PRODUCTS			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
CS 508BB_{STD} <i>For 1968-1981 eng. only</i> ACL:5C680 CLE:SH-1361S DUR:B-9 FMO:1422M							
MB5516AM_{STD}/010/020/030/040 ACL:5M1457 CLE:MS-1457P FMO:4418M VAN:VPM91268							
	M5517/1U M5517/1L	3 Pairs	1-2-4	2.9995/ 3.0005 76.187/ 76.213	3.1880/ 3.1890 80.975/ 81.001	0.8690 22.07	0.0935 2.375
	M5516/5U M5516/5L	1 Pair	5	2.9995/ 3.0005 76.187/ 76.213	3.1880/ 3.1890 80.975/ 81.001	0.8690 22.07	0.0935 2.375
	F5517U F5517L	1 Pair	3	2.9995/ 3.0005 76.187/ 76.213	3.1880/ 3.1890 80.975/ 81.001	1.0580 26.87	0.0935 2.375






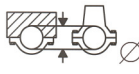


63	262CI /4.3Liter V8 OHV, 16 Valves, vin G, Gasoline	01/1975-12/1976	4291 cc	3.67 X 3.11	8 cyl	Monza, Nova	63
	L99 V8 265CI /4.3Liter, OHV, 16 Valves, vin W, Gasoline	01/1994-12/1996	4321 cc	3.75 X 3.00	8 cyl	Caprice	
	267CI /4.4Liter V8 OHV, 16 Valves, vin J, Gasoline	01/1979-12/1982	4375 cc	3.50 X 3.48	8 cyl	Caballera, Camaro, Caprice, Century, Cutlass, El Camino, Impala, Laurentian, LeSabre, Malibu, Monte Carlo, Regal	
	302CI /5.0Liter V8 OHV, 16 Valves, Gasoline	01/1968-12/1969	4949 cc	4.00 X 3.00	8 cyl	Camaro	
	L30, LB9, LG2, LG4, LO3 V8 305CI /5.0Liter, OHV, 16 Valves, vin 7, E, F, G, H, M, Q, S, U, Gasoline	01/1976-12/2002	4998 cc	3.74 X 3.48	8 cyl	Blazer, Bonneville, Brougham, C10, C20, C30, C1500, C2500, C3500, Caballera, Camaro, Caprice, Catalina, Century, Chevelle, Corvette, Custom Cruiser, Cutlass, El Camino, Eldorado, Express, Firebird, Fleetwood, G10, G20, G30, G1500, G2500, G3500, Grand Am, Grand Prix, Impala, Jimmy, K10, K20, K30, K1500, K2500, K3500, Laurentian, LeSabre, Lemans, Malibu, Monte Carlo, Monza, Nova, Omega, Parisienne, Phoenix, R10, R20, R30, R1500, R2500, Regal, Riviera, Roadmaster, Savana, Skylark, Sprint, Starfire, Suburban, Sunbird, V10, V20, V30, V1500, V2500, Ventura	
	307CI /5.0Liter V8 OHV, 16 Valves, vin F, Gasoline	01/1968-12/1973	5031 cc	3.88 X 3.25	8 cyl	Bel Air, Biscayne, Blazer, C10, C20, C30, C1500, C2500, C3500, Camaro, Caprice, Chevelle, Chevy II, El Camino, G10, G20, Jimmy, K10, K20, K1500, K2500, Nova, P10, P20, P30, P2500, P3500, Sprint, Suburban, Sprint, Ventura II	
	327CI /5.4Liter V8 OHV, 16 Valves, vin E, Gasoline	01/1968-12/1969	5358 cc	4.00 X 3.25	8 cyl	C10, C20, C30, CE50, CE60, Camaro, Caprice, Chevelle, Chevy II, Corvette, El Camino, Impala, K10, K20, ME50, P10, P20, P30,	






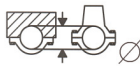


GENERAL MOTORS PRODUCTS				GENERAL MOTORS PRODUCTS				
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
L31,L98,LF5,LL0,LO5,LT1 V8 350CI /5.7Liter, OHV, 16 Valves, vin 4,6,7,8,A,B,E,H,J,K,L,M,P,R,T,V,W,X,Y, Gasoline	01/1967-12/2003	5738 cc	4.00 X 3.48	8 cyl	SE5000, Suburban, TE50 Bel Air, Biscayne, Blazer, Bonneville, Brougham, C10, C20, C30, C50, C60, C1500, C2500, C3500, C5000, C6000, CE40, CE50, CE60, Caballera, Camaro, Caprice, Catalina, Century, Chevelle, Corvette, Custom Cruiser, Cutl, El Camino, Escalade, Express, Firebird, Fleetwood, G10, G20, G30, G1500, G2500, G3500, Impala, Jimmy, K10, K20, K30, K1500, K2500, K3500, Laurentian, LeSabre, Lemans, ME50, Malibu, Monte Carlo, Monza, Nova, Omega, P6, P10, P20, P30, P2500, P3500, Phoenix, R10, R20, R30, R1500, R2500, R3500, Regal, Riviera, Roadmaster, SE50, SE60, Sierra, Sonoma, Skylark, Sprint, Suburban, TE50, TE60, V10, V20, V30, V1500, V2500, V3500, Ventura, W6, Yukon			
CR 807SI STD/001/002/010/020/030/040/060/010 ACL:8B663 ~ CLE:CB- 663AL(8) ~ FMO:8-2555AP ~ GLA:B8102LC ~ VAN:VPR91324 ~	C 807	8 Pairs		2.0990/ 2.1000 53.315/ 53.340	2.2247/ 2.2252 56.507/ 56.520	0.8420 21.39	0.0621 1.577	
CR 865SI STD/010/020/030/040 Same as CR 807SI but with housing bore resized .002" larger ACL:8B663AO/S2 CLE:CB-1776P(8) FMO:8-2555AX2	C 865	8 Pairs		2.0990/ 2.1000 53.315/ 53.340	2.2267/ 2.2272 56.558/ 56.571	0.8420 21.39	0.0631 1.603	
CS 507BB STD ACL:5C290 CLE:SH- 290S DUR:CH-8 FMO:1235M VAN:VPC979								
CS 507HPT High Performance Coated DUR:CHP-8T								
MB 557SI STD/001/002/010/020/030/040/010X/ST ACL:5M909 ~ CLE:MS- 909AL ~ FMO:4663M ~ GLA:M5338LC ~ VAN:VPM91338 ~	M 557U M 557L	4 Pairs	1-2-3-4	2.4484/ 2.4493 62.189/ 62.212	2.6406/ 2.6415 67.071/ 67.094	0.8070 20.50	0.0955 2.426	
	F 557U F 557L	1 Pair	5	2.4479/ 2.4488 62.177/ 62.200	2.6406/ 2.6415 67.071/ 67.094	1.7180 43.64	0.0955 2.426	
MB5183SI 010/020/030/040 Same as MB 557SI but with flange oversize .010". Flange length: 43.89 mm								
MB5184SI 010/020/030/040 Same as MB 557SI but with flange oversize .020". Flange length: 44.15 mm.								
MB5185SI 010/020/030/040 Same as MB 557SI but with flange oversize .030". Flange length: 44.44 mm								
MB5271SI 010	M5570U	4 Pairs	1-2-3-4	2.4484/ 2.4493 62.189/ 62.212	2.6606/ 2.6615 67.579/ 67.602	0.8070 20.50	0.1055 2.680	

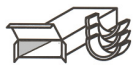




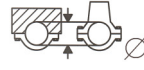


GENERAL MOTORS PRODUCTS				GENERAL MOTORS PRODUCTS			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
<i>Same as MB 557SI but with flange oversize .020" and .020" oversize housing.</i>	M5570L F5271U F5271L	1 Pair	5	2.4479/ 2.4488 62.177/ 62.200	2.6606/ 2.6615 67.579/ 67.602	1.7180 43.64	0.1055 2.680
MB5570SI₀₁₀ <i>This set is .020" oversize housing of MB 557SI.</i>	M5570U M5570L	4 Pairs	1-2-3-4	2.4484/ 2.4493 62.189/ 62.212	2.6606/ 2.6615 67.579/ 67.602	0.8070 20.50	0.1055 2.680
	F5570U F5570L	1 Pair	5	2.4479/ 2.4488 62.177/ 62.200	2.6606/ 2.6615 67.579/ 67.602	1.7180 43.64	0.1055 2.680
64	L20,LY2,LR4 V8 294CI /4.8Liter, GEN III w/ cast iron block, OHV, 16 Valves, vin A,C,V, Gasoline	01/1999-12/2010	4817 cc	96.00 X 83.00	8 cyl	Express, Savana, Sierra, Silverado, Suburban, Tahoe, Yukon	64
	LS4 V8 325CI /5.3Liter, w/ aluminum block, OHV, 16 Valves, vin C, Gasoline	01/2005-12/2009	5328 cc	96.00 X 92.00	8 cyl	Grand Prix GXP, Impala, LaCross Super, Monte Carlo	
	LS6 V8 346CI /5.7Liter, w/ aluminum block, OHV, 16 Valves, vin S, Gasoline	01/2001-12/2006	5665 cc	99.00 X 92.00	8 cyl	CTS-V, Corvette	
	LS1 V8 346CI /5.7Liter, GEN III w/ aluminum block, OHV, 16 Valves, vin G, Gasoline	01/1997-12/2005	5666 cc	99.00 X 92.00	8 cyl	Camaro, Corvette, Fierbird, GTO	
	LS2,LY6,LQ9,L76 V8 364CI /6.0Liter, GEN IV w/ aluminum block, OHV, 16 Valves, vin H,K,N,U,Y, Gasoline	01/1999-12/2010	5967 cc	101.60 X 92.00	8 cyl	CTS-V, Escalade, Express, GTO,, Hummer H2, SSR, Savana, Sierra, Silverado, Suburban, Trailblazer, Yukon, Tahoe	
CR 807SI STD/001/002/010/020/030/040/060/010 ACL:8B663 ~ CLE:CB- 663AL (8) ~ FMO:8-2555AP ~ GLA:B8102LC ~ VAN:VPR91324 ~	C 807	8 Pairs		2.0990/ 2.1000 53.315/ 53.340	2.2247/ 2.2252 56.507/ 56.520	0.8420 21.39	0.0621 1.577
CR 865SI STD/010/020/030/040 <i>Same as CR 807SI but with housing bore resized .002" larger</i> ACL:8B663AO/S2 CLE:CB-1776P (8) FMO:8-2555AX2	C 865	8 Pairs		2.0990/ 2.1000 53.315/ 53.340	2.2267/ 2.2272 56.558/ 56.571	0.8420 21.39	0.0631 1.603
CS5503BB <i>For 1997-02, 2003 1st design, positions 1 and 5 housing bore is 2.3260" / 2.3280"</i> ACL:5C100S CLE:SH-1814S DUR:CH-10 FMO:1888M							
CS5510BB <i>For 2004-10, 2003 2nd design, positions 1 and 5 housing bore is 2.3460" / 2.3480"</i> ACL:5C1001S CLE:SH-1995S DUR:CH-23							
MB5293SI STD/010/020/030 ACL:5M7298A CLE:MS-2199P ~ FMO:7298MA	M5293U M5293L	4 Pairs	1-2-4-5	2.5588/ 2.5593 64.994/ 65.006	2.7509/ 2.7514 69.873/ 69.886	0.8050 20.45	0.0955 2.426
	F5293U F5293L	1 Pair	3	2.5588/ 2.5593 64.994/ 65.006	2.7509/ 2.7514 69.873/ 69.886	1.0270 26.09	0.0955 2.426
65	287CI /4.7Liter V8 OHV, 16 Valves, Gasoline	01/1955-12/1955	4707 cc	3.75 X 3.25	8 cyl	100, 150, 250, PM150, Chieftain, PM250, S-300-8	65
	316CI /5.2Liter V8 OHV, 16 Valves, Gasoline	01/1955-12/1956	5179 cc	3.94 X 3.25	8 cyl	Chieftain, PM150, PM250, Star Chief	
	336CI /5.5Liter V8 OHV, 16 Valves, Gasoline	01/1958-12/1959	5506 cc	3.88 X 3.56	8 cyl	100, 150, 250, PM150, F350-8, F370, F450, PM250, S-370	
	347CI /5.7Liter V8 OHV, 16 Valves, Gasoline	01/1957-12/1957	5687 cc	3.94 X 3.56	8 cyl	Chieftain, 100, 150, 250, PM150, Star Chief, Super Chief	
	370CI /6.1Liter V8 OHV, 16	01/1958-	6064 cc	4.06 X 3.56	8 cyl	Chieftain, Star Chief, Super	









GENERAL MOTORS PRODUCTS					GENERAL MOTORS PRODUCTS										
															
King Set No.		Part No.		Qty.		Position		Crankshaft Diameter		Housing Diameter		Length		Wall Thickness	
Valves, Gasoline		12/1958								Chief					
CR 815CP STD/010/020/030/040 ACL: 8B758 CLE: CB-758P(8) FMO: 8-1555CPA		C 815		8 Pairs				2.2488/ 2.2498 57.120/ 57.145		2.3745/ 2.3750 60.312/ 60.325		0.8860 22.50		0.0620 1.575	
CS 538BB DUR: P-3															
66	379CI /6.2Liter V8 OHV, 16 Valves, vin C,J, Diesel		01/1982- 12/1993		6210 cc		101.00 X 97.00		8 cyl		Blazer, C10, C20, C30, C1500, C2500, C3500, G10, G20, G30, G1500, G2500, G3500, Jimmy, K10, K20, K30, K1500, K2500, K3500, P20, P30, P2500, P3500, R20, R30, R1500, R2500, R3500, Suburban, V10, V20, V30, V1500, V2500, V3500				66
	395CI /6.5Liter V8 OHV, 16 Valves, vin P,Y, Diesel		01/1994- 12/1999		6472 cc		103.00 X 97.00		8 cyl		Blazer, C10, C20, C30, C1500, C2500, C3500, Express, G10, G20, G30, G1500, G2500, G3500, Jimmy, K10, K20, K30, K1500, K2500, K3500, P20, P30, P2500, P3500, R20, R30, R1500, R2500, R3500, Savana, Sierra, Suburban, Tahoe, V10, V20, V30, V1500, V2500, V3500				
	395CI /6.5Liter V8 OHV, 16 Valves, vin F,S,Z, Diesel Turbocharge		01/1992- 12/2004		6472 cc		103.00 X 97.00		8 cyl		C10, C20, C30, C1500, C2500, C3500, Express, G10, G20, G30, G1500, G2500, G3500, Jimmy, Hummer H1, K10, K20, K30, K1500, K2500, K3500, P20, P30, P2500, P3500, R20, R30, R1500, R2500, R3500, Savana, Sierra, Suburban, V10, V20, V30, V1500, V2500, V3500				
CR 873CP STD/.25/.5/.75/1.0 ACL: 8B1286P CLE: CB-1286P(8) FMO: 8-3860AP		C 873		8 Pairs		1-8		2.3992/ 2.3982 60.940/ 60.914		2.5256/ 2.5246 64.150/ 64.125		0.9020 22.91		0.0620 1.575	
CS 536BB ACL: 5C1199S CLE: SH-1366S DUR: GM-7		S 536/1		1		1		2.1644/ 2.1663 54.976/ 55.024		2.3270/ 2.3290 59.106/ 59.157		0.9000 22.86		0.0798 2.027	
	S 536/2		1		2		2.1644/ 2.1663 54.976/ 55.024		2.3180/ 2.3200 58.877/ 58.928		0.7800 19.81		0.0753 1.913		
	S 536/3		1		3		2.1644/ 2.1663 54.976/ 55.024		2.3080/ 2.3100 58.623/ 58.674		0.7800 19.81		0.0703 1.786		
	S 536/4		1		4		2.1644/ 2.1663 54.976/ 55.024		2.2980/ 2.3000 58.369/ 58.420		0.7800 19.81		0.0653 1.659		
	S 536/5		1		5		2.0069/ 2.0089 50.975/ 51.026		2.1410/ 2.1430 54.381/ 54.432		0.7800 19.81		0.0655 1.664		
MB5257SI STD/.25/.5/.75/1.0/1.25/1.5/STDX FI STD length in all undersizes. ACL: 5M1563P CLE: MS-1563P FMO: 5129M		M5257/1 M5181/1L		3 Pairs		1-2-4		2.9495/ 2.9504 74.917/ 74.940		3.1427/ 3.1437 79.825/ 79.850		0.8970 22.78		0.0955 2.426	
	F5257 F5181L		1 Pair		3		2.9493/ 2.9503 74.912/ 74.938		3.1427/ 3.1437 79.825/ 79.850		1.1300 28.70		0.0955 2.426		
	M5257/5		1 Pair		5		2.9495/ 2.9504 74.917/ 74.940		3.1427/ 3.1437 79.825/ 79.850		1.3910 35.33		0.0955 2.426		

GENERAL MOTORS PRODUCTS			GENERAL MOTORS PRODUCTS				
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
MB5258CP _{.25/.5/.75/1.0} <i>Same as MB5257SI, but with flange oversize 0.25 mm.</i> <i>Flange length: 28.95mm.</i>	M5181/5L						
MB5363SI <i>Same as MB5257SI with O/D .020"</i>	M5363/1U M5363/1L	3 Pairs	1-2-4	2.9495/ 2.9504 74.917/ 74.940	3.1627/ 3.1637 80.333/ 80.358	0.8970 22.78	0.1055 2.680
	F5363U F5363L	1 Pair	3	2.9493/ 2.9503 74.912/ 74.938	3.1627/ 3.1637 80.333/ 80.358	1.1300 28.70	0.1055 2.680
	M5363/5U M5363/5L	1 Pair	5	2.9495/ 2.9504 74.917/ 74.940	3.1627/ 3.1637 80.333/ 80.358	1.3910 35.33	0.1055 2.680
PB 170CP FMO:3864Y20							
67	400CI /6.6Liter V8 OHV, 16 Valves, vin E,K,R,U, Gasoline	01/1970-12/1980	6555 cc	4.13 X 3.75	8 cyl	Bel Air, Biscayne, Blazer, Bonneville, Caprice, El Camino, G30, G3500, Grand Prix, Impala, Jimmy, K10 ,K20 , K30, K1500, K2500, K3500, Monte Carlo, Sprint, Suburban	67
CR 807SI STD/001/002/010/020/030/040/060/010 ACL:8B663 ~ CLE:CB- 663AL (8) ~ FMO:8-2555AP ~ GLA:B8102LC ~ VAN:VPR91324 ~	C 807	8 Pairs		2.0990/ 2.1000 53.315/ 53.340	2.2247/ 2.2252 56.507/ 56.520	0.8420 21.39	0.0621 1.577
CR 865SI STD/010/020/030/040 <i>Same as CR 807SI but with housing bore resized .002" larger</i> ACL:8B663A0/S2 CLE:CB-1776P (8) FMO:8-2555AX2	C 865	8 Pairs		2.0990/ 2.1000 53.315/ 53.340	2.2267/ 2.2272 56.558/ 56.571	0.8420 21.39	0.0631 1.603
CS 507BB STD ACL:5C290 CLE:SH- 290S DUR:CH-8 FMO:1235M VAN:VPC979							
MB 509SI <i>FI STD length in all undersizes.</i> ACL:5M1038 CLE:MS-1038AL FMO:4926M VAN:VPM91578	M 509U M 509L	4 Pairs	1-2-3-4	2.6484/ 2.6493 67.269/ 67.292	2.8406/ 2.8415 72.151/ 72.174	0.8070 20.50	0.0955 2.426
	F 509U F 509L	1 Pair	5	2.6479/ 2.6488 67.257/ 67.280	2.8406/ 2.8415 72.151/ 72.174	1.7180 43.64	0.0955 2.426
MB5201AM ₀₅₀ <i>Same as MB 509SI, but with .010" flange oversize.</i> <i>Flange length: 43.85 mm</i> ACL:5M1036							
MB5202AM ₀₂₀ <i>Same as MB 509SI, but with .020" flange oversize.</i> <i>Flange length: 44.14 mm</i>							
MB5203AM ₀₁₀ <i>Same as MB 509SI, but with .030" flange oversize.</i> <i>Flange length: 44.40 mm</i>							
MB5224AM STD <i>Allows the use of Chevy 350 crank in the 400 small block.This is the spacer only; use any Chevy 350 main set on top</i> CLE:MS-1564P	M5224/1U M5224/1L	4 Pairs	1-2-3-4	2.6484/ 2.6493 67.269/ 67.292	2.8406/ 2.8415 72.151/ 72.174	0.8020 20.37	0.1001 2.543
	M5224/5U M5224/5L	1 Pair	5	2.6479/ 2.6488 67.257/ 67.280	2.8406/ 2.8415 72.151/ 72.174	1.4540 36.93	0.1001 2.543
68	326CI /5.3Liter V8 OHV, 16 Valves, Gasoline	01/1963-12/1967	5343 cc	3.72 X 3.75	8 cyl	Firebird, Tempest	68
	350CI /5.7Liter V8 OHV, 16 Valves, vin A,B,E,K,M,N,P, Gasoline	01/1968-12/1977	5733 cc	3.88 X 3.75	8 cyl	Bonneville, Catalina, Executive, Firebird, Grand Prix, Lemans, Tempest,	

GENERAL MOTORS PRODUCTS					GENERAL MOTORS PRODUCTS				
									
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
389CI /6.4Liter V8 OHV, 16 Valves, Gasoline	01/1959-12/1966	6376 cc	4.06 X 3.75	8 cyl	Ventura				
400CI /6.6Liter V8 OHV, 16 Valves, vin S, Gasoline	01/1967-12/1979	6556 cc	4.12 X 3.75	8 cyl	Bonneville, Catalina, Custom Star Chief, Grand Prix, Star Chief, Tempest, Ventura				
CR 815CP STD/010/020/030/040 ACL: 8B758 CLE: CB- 758P (8) FMO: 8-1555CPA	C 815	8 Pairs		2.2488/ 2.2498 57.120/ 57.145	2.3745/ 2.3750 60.312/ 60.325	0.8860 22.50	0.0620 1.575		
CS 511BB STD For 1963-79 eng. only ACL: 5C292 CLE: SH- 292S DUR: P-4 FMO: 1220M	S 511	5	1-2-3-4-5	1.8992/ 1.8997 48.240/ 48.252	2.0297/ 2.0317 51.554/ 51.605	0.6800 17.27	0.0644 1.636		
CS 538BB For 1959-62 eng. only DUR: P-3									
MB5511AM STD/010/020/030/040 ACL: 5M483G CLE: MS- 483P FMO: 4040M VAN: VPM91096									
MB5523AM STD/010/020/030/040 ACL: 5M496 CLE: MS- 496AL FMO: 4084M	M5511/1U	3 Pairs	1-2-3	2.9990/ 3.0000 76.175/ 76.200	3.1880/ 3.1890 80.975/ 81.001	0.9430 23.95	0.0937 2.380		
	M5511/5U M5511/5L	1 Pair	5	2.9990/ 3.0000 76.175/ 76.200	3.1880/ 3.1890 80.975/ 81.001	1.5950 40.51	0.0937 2.380		
	F5511U	1 Pair	4	2.9990/ 3.0000 76.175/ 76.200	3.1880/ 3.1890 80.975/ 81.001	1.1350 28.83	0.0937 2.380		
69	260CI /4.3Liter V8 OHV, 16 Valves, vin 8,F, Gasoline	01/1975-12/1982	4260 cc	3.50 X 3.39	8 cyl	Apollo, Cutlass, Delta 88, Lemans, Omega, Skylark, Ventura	69		
	307CI /5.0Liter V8 OHV, 16 Valves, vin 9,Y, Gasoline	01/1980-12/1990	5030 cc	3.80 X 3.39	8 cyl	Bonneville, Caprice, Catalina, Custom Cruiser, Cutlass, Delta 88, Electra, Fleetwood, Laurentian, LeSabre, Monte Carlo, Ninety Eight, Parisienne, Regal, Regency, Riviera, Safari			
	330CI /5.4Liter V8 Second Series, OHV, 16 Valves, Gasoline	01/1964-12/1967	5405 cc	3.94 X 3.39	8 cyl	Cutlass, Delmont Eighty Eight, F85, Jetstar 88			
	350CI /5.7Liter V8 OHV, 16 Valves, vin 7,8,B,G,H,K,M,R, Gasoline	01/1968-12/1980	5735 cc	4.06 X 3.39	8 cyl	Catalina, Century, Custom Cruiser, Cutlass, Delta 88, Eldorado, Electra, Estate Wagon, F85, Grand Prix, Lemans, Ninety Eight, Seville, Toronado, Ventura, Vista Cruiser			
	403CI /6.6Liter V8 OHV, 16 Valves, vin K, Gasoline	01/1977-12/1979	6603 cc	4.35 X 3.39	8 cyl	Bonneville, Catalina, Century, Custom Cruiser, Cutlass, Delta 88, Electra, Estate Wagon, Firebird, Grand Prix, LeSabre, Lemans, Ninety Eight, Regal, Riviera, Toronado			
CR 817AM STD/010/020/030/040/060 ACL: 8B684 CLE: CB- 684AL (8) FMO: 8-3045APA VAN: VPR91259	C 817	8 Pairs		2.1238/ 2.1248 53.945/ 53.970	2.2495/ 2.2500 57.137/ 57.150	0.8310 21.11	0.0619 1.572		
CS 509BB									

GENERAL MOTORS PRODUCTS				GENERAL MOTORS PRODUCTS				
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness	
For 67-76 eng. ACL:5C638 CLE:SH-1354S DUR:O-6 FMO:1234M								
CS 510BB_{STD} For 76-90 eng. ACL:5C1088 CLE:SH-1355S DUR:O-7 FMO:1466M								
MB5514AM_{STD}/010/020/030/040 ACL:5M805 CLE:MS- 805AL FMO:4281M VAN:VPM91261		M5514/1	1 Pair	1	2.4983/ 2.4993 63.457/ 63.482	2.6870/ 2.6880 68.250/ 68.275	0.9800 24.89	0.0936 2.377
		M5514/2	2 Pairs	2-4	2.4983/ 2.4993 63.457/ 63.482	2.6870/ 2.6880 68.250/ 68.275	0.9800 24.89	0.0936 2.377
		M5514/5U M5514/5L	1 Pair	5	2.4983/ 2.4993 63.457/ 63.482	2.6870/ 2.6880 68.250/ 68.275	1.6300 41.40	0.0932 2.367
		F5514	1 Pair	3	2.4983/ 2.4993 63.457/ 63.482	2.6870/ 2.6880 68.250/ 68.275	1.1950 30.35	0.0936 2.377
70	DURAMAX, LB7,LLY,LMM,LBZ V8 403CI /6.6Liter, OHV, 32 Valves, vin 1,2,6,D, Diesel Turbocharge		01/2001- 12/2009	6603 cc	103.00 X 99.00	8 cyl	C / K Series, Express, Savana,, Sierra, Silverado	70
CS 544BB_{STD} Under Development CLE:SH-1999S DUR:GM-8		S 544/1	5	1	2.3988/ 2.4000 60.930/ 60.960	2.5590/ 2.5602 64.999/ 65.029	1.1250 28.58	0.0790 2.007
		S 544/2	4	2-5	2.3988/ 2.4000 60.930/ 60.960	2.5590/ 2.5602 64.999/ 65.029	0.7100 18.03	0.0790 2.007
71	348CI /5.7Liter V8 OHV, 16 Valves, Gasoline		01/1958- 12/1965	5704 cc	4.13 X 3.25	8 cyl	Bel Air, Biscayne, Brookwood, Del Ray, Impala, M70, M80, S70, T70, T80, Yeoman	71
		409CI /6.7Liter V8 OHV, 16 Valves, Gasoline		01/1961- 12/1965	6704 cc	4.31 X 3.50	8 cyl	Bel Air, Biscayne, Brookwood, C80, Impala, L80, M80, T80
CR 808SI ACL:8B743A CLE:CB- 743P(8) ~ FMO:8-3190AP ~ VAN:VPR91275		C 808	8 Pairs		2.1990/ 2.2000 55.855/ 55.880	2.3247/ 2.3252 59.047/ 59.060	0.8920 22.66	0.0622 1.580
CR8015SI_{STD}/010/020/030 <i>Same as CR 808SI but with housing bore resized .002" larger</i> ACL:8B743AO/S2		C8015	8 Pairs		2.1990/ 2.2000 55.855/ 55.880	2.3267/ 2.3272 59.098/ 59.111	0.8920 22.66	0.0630 1.600
CS 542BB CLE:SH-398S DUR:CH-5								
72	400CI /6.6Liter V8 OHV, 16 Valves, Gasoline		01/1967- 12/1969	6555 cc	4.04 X 3.90	8 cyl	Skylark	72
		MD,ND,PD,RD,RO V8 430CI /7.0Liter, OHV, 16 Valves, Gasoline		01/1967- 12/1969	7047 cc	4.19 X 3.90	8 cyl	Electra 225, Riviera, Wildcat
		455CI /7.5Liter V8 OHV, 16 Valves, vin P,R,T,U,V,W, Gasoline		01/1970- 12/1976	7456 cc	4.31 X 3.90	8 cyl	Centurian, Century, Electra 225, Estate Wagon, Gran Sport 455, LeSabre, Riviera, Skylark, Wildcat
CS 508BB_{STD} ACL:5C680 CLE:SH-1361S DUR:B-9 FMO:1422M								
73	400CI /6.6Liter V8 OHV, 16 Valves, Gasoline		01/1965- 12/1969	6552 cc	4.00 X 3.98	8 cyl	Cutlass, F85, Jet Star 1, Ninety Eight	73
		425CI /7.0Liter V8 OHV, 16 Valves, Gasoline		01/1965- 12/1967	6966 cc	4.13 X 3.98	8 cyl	Delta 88, Dynamic 88, Starfire, Toronado
		455CI /7.5Liter V8 OHV, 16 Valves, vin R,S,T,U,V,W,X, Gasoline		01/1965- 12/1976	7456 cc	4.13 X 4.25	8 cyl	Custom Cruiser, Cutlass, Delta 88, Ninety Eight, Toronado

GENERAL MOTORS PRODUCTS					GENERAL MOTORS PRODUCTS				
									
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
CS 509BB ACL: SC638 CLE: SH-1354S DUR: 0-6 FMO: 1234M									
74	421CI /6.9Liter V8 OHV, 16 Valves, Gasoline	01/1963-12/1966	6900 cc	4.09 X 4.00	8 cyl	Bonneville, Catalina, Grand Prix, Star Chief, Tempest			74
	428CI /7.0Liter V8 OHV, 16 Valves, Gasoline	01/1967-12/1969	7014 cc	4.12 X 4.00	8 cyl	Bonneville, Catalina, Executive, Grand Prix			
	455CI /7.5Liter V8 OHV, 16 Valves, vin T,U,V,W,Y, Gasoline	01/1970-12/1976	7456 cc	4.15 X 4.21	8 cyl	Bonneville, Catalina, Executive, Firebird, Grand AM, Grand Prix, Grandville, Laurentian, Lemans			
	455CI /7.5Liter V8 OHV, 16 Valves, vin X, Gasoline	01/1971-12/1974	7456 cc	4.15 X 4.21	8 cyl	Firebird, Grand AM, Grand Prix, Grandville, Lemans			
CR 815CP STD/010/020/030/040 ACL: 8B758 CLE: CB- 758P(8) FMO: 8-1555CPA									
75	L18 V8 496CI /8.1Liter, VORTEC, OHV, 16 Valves, vin E,G, Gasoline	01/2001-12/2007	8135 cc	4.25 X 4.37	8 cyl	Avalanche, B7, C-K Series, Savanna, Express, Sierra, Yukon, Silverado, Suburban			75
CR 808SI ACL: 8B743A CLE: CB- 743P(8) ~ FMO: 8-3190AP ~ VAN: VPR91275									
CR8015SI STD/010/020/030 Same as CR 808SI but with housing bore resized .002" larger ACL: 8B743AO/S2									
CS 524BB ACL: 5C616 CLE: SH- 616S DUR: CH-12 FMO: 1404M									
76	366CI /6.0Liter V8 OHV, 16 Valves, Gasoline	01/1966-12/1998	5999 cc	3.94 X 3.77	8 cyl	B6, B6000, B7000, C50, C60, C65, C70, C80, C5500, C6000, C7000, C7500, C8500, Kodiak, L60, L80, M60, S60, T60, T80, T6500, T7500, T8500, W6, W7			76
	396CI /6.6Liter V8 OHV, 16 Valves, vin E,Y, Gasoline	01/1965-12/1970	6489 cc	4.13 X 3.77	8 cyl	Bel Air, Biscayne, C10 , C20 , C30 , C1500, C2500 , C3500, Camaro, Caprice, Chevelle, Corvette, El Camino, Impala, K10 , K20 , K30 , K1500, K2500 , K3500, Nova, Suburban			
	402CI /6.6Liter V8 OHV, 16 Valves, vin E,K,S,U, Gasoline	01/1970-12/1972	6588 cc	4.13 X 3.77	8 cyl	C1500, C2500, C3500, Camaro, Caprice, Chevelle, El Camino, Impala, Monte Carlo, Sprint, Suburban			
	427CI /7.0Liter V8 OHV, 16 Valves, vin E, Gasoline	01/1966-12/1998	6997 cc	4.25 X 3.77	8 cyl	B6, B6000, B7000, Bel Air, Biscayne, C50, C60, C65, C70, C80, C5500, C6000, C7000, C7500, C8500, Camaro, Caprice, Corvette, Impala, Kodiak, W7			
	L19,L21,L29,LP4, VORTEC V8 454CI /7.4Liter, OHV, 16 Valves, vin B,D,E,L,N,S,V,W,X,Y,Z, Gasoline	01/1970-12/1999	7439 cc	4.25 X 4.00	8 cyl	B7500, Bel Air, Biscayne, Blazer, C10, C20, C30, C1500, C2500, C3500, C6500, C7500, C8500, C50, C60, C65, C70, C80, C5500, C6000, C7000, C7500, C8500, Camaro,			

GENERAL MOTORS PRODUCTS				GENERAL MOTORS PRODUCTS				
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness	
					Caprice, Chevelle, Corvette, El Camino, Express 3500, G30, G3500, Jimmy, K10, K10, K20, K30, K1500, K20, K30, K1500, K2500, K3500, K2500, K3500, Nova, Suburban, Monte Carlo, P20, P30, P2500, P3500, R20, R30, R1500, R2500, R3500, Savana, Sierra, Sprint, V20, V30, V2500, V3500			
502CI / 8.2Liter V8 GEN IV, V, VI, OHV, 16 Valves, Gasoline		01/1990-12/2001	8200 cc	4.47 X 4.00	8 cyl	Marine, Performance		
CR 808SI ACL: 8B743A CLE: CB- 743P (8) ~ FMO: 8-3190AP ~ VAN: VPR91275	C 808	8 Pairs			2.1990/ 2.2000 55.855/ 55.880	2.3247/ 2.3252 59.047/ 59.060	0.8920 22.66	0.0622 1.580
CR8015SI STD/010/020/030 Same as CR 808SI but with housing bore resized .002" larger ACL: 8B743AO/S2	C8015	8 Pairs			2.1990/ 2.2000 55.855/ 55.880	2.3267/ 2.3272 59.098/ 59.111	0.8920 22.66	0.0630 1.600
CS 524BB For 67-95 eng. ACL: 5C616 CLE: SH- 616S DUR: CH-12 FMO: 1404M								
CS4404BB (65-66) ACL: 5C615S CLE: SH- 615S DUR: CH-9A FMO: 1225M								
MB 556SI 060 ACL: 5M829 CLE: MS- 829P ~ FMO: 4400M VAN: VPM91276	M 556U M 556L	4 Pairs	1-2-3-4		2.7485/ 2.7495 69.812/ 69.837	2.9370/ 2.9380 74.600/ 74.625	1.0440 26.52	0.0936 2.377
	F 556U F 556L	1 Pair	5		2.7478/ 2.7488 69.794/ 69.820	2.9370/ 2.9380 74.600/ 74.625	1.8110 46.00	0.0936 2.377
MB5105AM STD/010/020/030 Full groove version of MB 556SI FMO: 7273M	M 556U M5105L	4 Pairs	1-2-3-4		2.7485/ 2.7495 69.812/ 69.837	2.9370/ 2.9380 74.600/ 74.625	1.0440 26.52	0.0936 2.377
	F 556U F5105L	1 Pair	5		2.7478/ 2.7488 69.794/ 69.820	2.9370/ 2.9380 74.600/ 74.625	1.8110 46.00	0.0936 2.377
MB5212AM 010/020/030/050/060 Same as MB 556SI but with flange oversize .010". Flange length: 46.25mm CLE: MS-1745								
MB5213AM 010/020/030 Same as MB 556SI but with flange oversize .020". Flange length: 46.50mm FMO: 7122M								
MB5214AM 020 Same as MB 556SI but with flange oversize .030". Flange length: 46.75mm								
MB5274SI Same as MB 556SI but with .020" oversize OD	M5274U M5274L	4 Pairs	1-2-3-4		2.7485/ 2.7495 69.812/ 69.837	2.9570/ 2.9580 75.108/ 75.133	1.0440 26.52	0.1036 2.631
	F5274U F5274L	1 Pair	5		2.7478/ 2.7488 69.794/ 69.820	2.9570/ 2.9580 75.108/ 75.133	1.8110 46.00	0.1036 2.631

Engine Index: HATZ

CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

Engine-Code	Years	Cyl	CC	Line
E71 D	1961-	1	353	1
E75 D	07.1965	1	353	1
E79 D	1962-	1	422	1
ES 79 D	1968-	1	422	1

Engine-Code	Years	Cyl	CC	Line
E 780 D	1962-	1	528	1
ES 780 D	1969-	1	528	1

Engine Index: HATZ

Engine-Code	Years	Cyl	CC	Line
E71 D	1961-	1	353	1
E75 D	07.1965	1	353	1
E79 D	1962-	1	422	1
ES 79 D	1968-	1	422	1

Engine-Code	Years	Cyl	CC	Line
E 780 D	1962-	1	528	1
ES 780 D	1969-	1	528	1

Car Model Index: HATZ

Model	Engine	Years	Cyl	CC	Line

HATZ		HATZ						
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
1	E71 D	1961-1980	353 cc	75.00 X 80.00	1 cyl		1	
	E75 D	07.1965	353 cc	75.00 X 80.00	1 cyl			
	E79 D	1962-	422 cc	82.00 X 80.00	1 cyl			
	ES 79 D	1968-	422 cc	82.00 X 80.00	1 cyl			
	E 780 D	1962-	528 cc	82.00 X 100.00	1 cyl			
	ES 780 D	1969-	528 cc	82.00 X 100.00	1 cyl			
CR1259CP K.S.:78 022 600	C1259U C1259L	1 Pair		1.8868/ 1.8874 47.925/ 47.940	2.1256/ 2.1263 53.990/ 54.008	1.2598 32.00	0.1183 3.005	

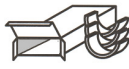




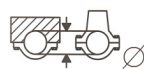


Engine Index: HERCULES MOTOR CORP.

Engine-Code	Years	Cyl	CC	Line
478		6	7800	1

Engine-Code	Years	Cyl	CC	Line

Car Model Index: HERCULES MOTOR CORP.

Model	Engine	Years	Cyl	CC	Line

HERCULES MOTOR CORP.				HERCULES MOTOR CORP.				
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness	
1	478		7800 cc	4.56 X 4.88	6 cyl		1	
CR6622CP CLE:CB- 954P (6) FMO:6-3355CP		C6622	6 Pairs		2.9970/ 2.9980 76.124/ 76.149	3.2510/ 3.2520 82.575/ 82.601	1.4530 36.91	0.1254 3.185
MB 706CP _{020/030} FMO: 4910M		M 706U M 706L	6 Pairs	1-2-3-5- 6-7	3.6210/ 3.6220 91.973/ 91.999	3.9370/ 3.9380 100.000/100.025	1.2300 31.24	0.1559 3.960
		F 706U F 706L	1 Pair	4	3.6210/ 3.6220 91.973/ 91.999	3.9370/ 3.9380 100.000/100.025	2.1270 54.03	0.1559 3.960

Engine Index: HINO

Engine-Code	Years	Cyl	CC	Line
W04C-T	2/85	4	3839	1
W04D	4/83	4	4009	1
W04D-T	5/83	4	4009	1
EC100	1968-86	6	5010	2
W06D, W06D-T	1983-	6	5759	5
EH100	1972-86	6	5871	3
EH300	1974-80	6	5871	4
W06E	1986-	6	6014	5
EH500	2/1980-	6	6211	6
H06B-T		6	6224	7
H06B-T	7/1986-	6	6224	8
H06B-Ti	7/1989-	6	6224	9
EH700	1975-	6	6443	6
EH700-Ti	10/1983-	6	6443	6
H06C, H06C-T	12/1982-	6	6485	7
H06C, H06C-T	7/1986-	6	6485	8
H06C-T		6	6485	9
H07C	1983-	6	6728	7
H07C	7/1986-	6	6728	8
H07C	6/1986-	6	6728	9
H07C-T	7/1989-	6	6728	9
EB100	1967-86	6	9036	10
EB100H CYL: H6	1971-73	6	9036	10
EB200	1967-79	6	9036	10
EB300	1971-86	6	9838	11

Engine-Code	Years	Cyl	CC	Line
EB400 CYL: H6	1977-88	6	9838	11
ED100	1971-77	6	11581	12
ER100	1981-86	6	11581	12
ER200 CYL: H6	1978-87	6	11581	12
ED100	1977-86	6	11581	13
ED100-T	1980-82	6	11581	13
ER100	1981-86	6	11581	13
ER200 CYL: H6	1978-87	6	11581	13
K13-T	1986 -	6	12882	14
K13C	1987 -	6	12882	14
EK100	1975-	6	13267	15
EK100-T	1984-89	6	13267	15
EK130-T		6	13267	15
EK200 CYL: H6	1986-	6	13267	15
EK200		6	13267	15
K130-T	1989-91	6	13267	15
K13D	1989-	6	13267	15
K13U	1989-	6	13267	15
EF350 CYL: V8	1979-82	8	14779	16
EF500 CYL: V8	1975-	8	15459	16
EF700, EF700-T CYL: V8	1976-83	8	15920	16
EF550 CYL: V8	1981-	8	16260	16
EF750, EF750-T CYL: V8	1981-	8	16745	16

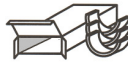




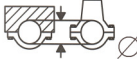


Car Model Index: HINO









Model	Engine	Years	Cyl	CC	Line
FR339 Fire Engine	K13C	1987 -	6	12882	14
KF798 Truck	EF350 CYL: V8		8	14779	16

Model	Engine	Years	Cyl	CC	Line

HINO

HINO

	 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
1	W04C-T	2/85	3839 cc	104.00 X 113.00	4 cyl			1
	W04D	4/83	4009 cc	104.00 X 118.00	4 cyl			
	W04D-T	5/83	4009 cc	104.00 X 118.00	4 cyl			
CR4318CP <i>Under Development</i> DAI:R 133K1 NDC:CB-2109GP		C 629*	4 Pairs		0.0000/ 2.4394 0.000/ 61.961	2.5978/ 0.0000 65.984/ 0.000	1.1075 28.13	0.0787 1.999
2	EC100	1968-86	5010 cc	97.00 X 113.00	6 cyl			2
CR 661CP <i>Under Development</i> GLA:B6622LC VAN:VPR92008LC		C 661*	6 Pairs		0.0000/ 2.3606 0.000/ 59.959	2.5191/ 0.0000 63.985/ 0.000	1.3240 33.63	0.0790 2.007
MB7070CP <i>Under Development</i> GLA:M7409LC VAN:VPM92011LC		M7070/1U* M7070/1L*	2 Pairs	1,7	0.0000/ 2.9118 0.000/ 73.960	3.1096/ 0.0000 78.984/ 0.000	1.2650 32.13	0.0980 2.489
		M7070/2U* M7070/2L*	4 Pairs	2,3,5,6	0.0000/ 2.9118 0.000/ 73.960	3.1096/ 0.0000 78.984/ 0.000	1.1075 28.13	0.0980 2.489
		M7070/4U* M7070/4L*	1 Pair	4	0.0000/ 2.9118 0.000/ 73.960	3.1096/ 0.0000 78.984/ 0.000	1.3831 35.13	0.0980 2.489
3	EH100	1972-86	5871 cc	105.00 X 113.00	6 cyl			3
CR 663CP <i>Under Development</i> GLA:B6623LC VAN:VPR92010LC		C 663*	6 Pairs		0.0000/ 2.4787 0.000/ 62.959	2.6372/ 0.0000 66.985/ 0.000	1.3240 33.63	0.0790 2.007
MB7070CP <i>Under Development</i> GLA:M7409LC VAN:VPM92011LC		M7070/1U* M7070/1L*	2 Pairs	1,7	0.0000/ 2.9118 0.000/ 73.960	3.1096/ 0.0000 78.984/ 0.000	1.2650 32.13	0.0980 2.489
		M7070/2U* M7070/2L*	4 Pairs	2,3,5,6	0.0000/ 2.9118 0.000/ 73.960	3.1096/ 0.0000 78.984/ 0.000	1.1075 28.13	0.0980 2.489
		M7070/4U* M7070/4L*	1 Pair	4	0.0000/ 2.9118 0.000/ 73.960	3.1096/ 0.0000 78.984/ 0.000	1.3831 35.13	0.0980 2.489
4	EH300	1974-80	5871 cc	108.00 X 113.00	6 cyl			4
MB7070CP <i>Under Development</i> GLA:M7409LC VAN:VPM92011LC		M7070/1U* M7070/1L*	2 Pairs	1,7	0.0000/ 2.9118 0.000/ 73.960	3.1096/ 0.0000 78.984/ 0.000	1.2650 32.13	0.0980 2.489
		M7070/2U* M7070/2L*	4 Pairs	2,3,5,6	0.0000/ 2.9118 0.000/ 73.960	3.1096/ 0.0000 78.984/ 0.000	1.1075 28.13	0.0980 2.489
		M7070/4U* M7070/4L*	1 Pair	4	0.0000/ 2.9118 0.000/ 73.960	3.1096/ 0.0000 78.984/ 0.000	1.3831 35.13	0.0980 2.489
5	W06D, W06D-T	1983-	5759 cc	104.00 X 113.00	6 cyl			5
	W06E	1986-	6014 cc	104.00 X 118.00	6 cyl			
CR 629CP <i>Under Development</i> GLA:B6640LC VAN:VPR92629LC NDC:CB-2110GP		C 629*	6 Pairs		0.0000/ 2.4394 0.000/ 61.961	2.5978/ 0.0000 65.984/ 0.000	1.1075 28.13	0.0787 1.999
MB7057CP <i>Under Development</i> GLA:M7471LC NDC:MS-2110GP		M7057U* M7057L*	7 Pairs		0.0000/ 2.8724 0.000/ 72.959	3.0709/ 0.0000 78.001/ 0.000	0.9894 25.13	0.0980 2.489
6	EH500	2/1980-86	6211 cc	108.00 X 113.00	6 cyl			6
	EH700	1975-	6443 cc	110.00 X 113.00	6 cyl			
	EH700-Ti	10/1983-88	6443 cc	110.00 X 113.00	6 cyl			
CR 664CP <i>Under Development</i>		C 664*	6 Pairs		2.2267/ 2.5575 56.558/ 64.961	2.7159/ 2.7165 68.984/ 68.999	1.3240 33.63	0.0790 2.007

HINO				HINO				
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
GLA:B6581LC VAN:VPR92502LC MB7070CP <i>Under Development</i> GLA:M7409LC VAN:VPM92011LC	M7070/1U* M7070/1L*	2 Pairs	1,7	0.0000/ 2.9118 0.000/ 73.960	3.1096/ 0.0000 78.984/ 0.000	1.2650 32.13	0.0980 2.489	
	M7070/2U* M7070/2L*	4 Pairs	2,3,5,6	0.0000/ 2.9118 0.000/ 73.960	3.1096/ 0.0000 78.984/ 0.000	1.1075 28.13	0.0980 2.489	
	M7070/4U* M7070/4L*	1 Pair	4	0.0000/ 2.9118 0.000/ 73.960	3.1096/ 0.0000 78.984/ 0.000	1.3831 35.13	0.0980 2.489	
7	H06B-T		6224 cc	105.80 X 118.00	6 cyl		7	
	H06C, H06C-T		12/1982- 7/1986	6485 cc	108.00 X 118.00	6 cyl		
	H07C		1983-7/86	6728 cc	110.00 X 118.00	6 cyl		
	CR6737CP <i>Under Development</i> GLA:B6650LC NDC:CB-2111	C6737*	6 Pairs		0.0000/ 2.5575 0.000/ 64.961	2.7159/ 0.0000 68.984/ 0.000	1.3043 33.13	0.0787 1.999
	MB7065CP <i>Under Development</i> GLA:M7476LC NDC:MS-2108GP OEM:11701-1790	M7065/1U* M7065/1L*	3 Pairs	1,4,7	0.0000/ 3.1480 0.000/ 79.959	3.3459/ 0.0000 84.986/ 0.000	1.2650 32.13	0.0980 2.489
		M7065/2U* M7065/2L*	4 Pairs	2,3,5,6	0.0000/ 3.1480 0.000/ 79.959	3.3459/ 0.0000 84.986/ 0.000	1.1075 28.13	0.0980 2.489
8	H06B-T		7/1986-	6224 cc	105.80 X 118.00	6 cyl	8	
	H06C, H06C-T		7/1986-	6485 cc	108.00 X 118.00	6 cyl		
	H07C		7/1986-	6728 cc	110.00 X 118.00	6 cyl		
	CR6740CP <i>Under Development</i> GLA:B6646LC NDC:CB-21116P OEM:13201-1580	C6740*	6 Pairs		0.0000/ 2.5575 0.000/ 64.961	2.7159/ 0.0000 68.984/ 0.000	1.3043 33.13	0.0787 1.999
	MB7065CP <i>Under Development</i> GLA:M7476LC NDC:MS-2108GP OEM:11701-1790	M7065/1U* M7065/1L*	3 Pairs	1,4,7	0.0000/ 3.1480 0.000/ 79.959	3.3459/ 0.0000 84.986/ 0.000	1.2650 32.13	0.0980 2.489
		M7065/2U* M7065/2L*	4 Pairs	2,3,5,6	0.0000/ 3.1480 0.000/ 79.959	3.3459/ 0.0000 84.986/ 0.000	1.1075 28.13	0.0980 2.489
9	H06B-Ti		7/1989-	6224 cc	105.80 X 118.00	6 cyl	9	
	H06C-T			6485 cc	108.00 X 118.00	6 cyl		
	H06C-Ti -6/1986- H06C-Ti -6/1986-							
	H07C		6/1986-90	6728 cc	110.00 X 118.00	6 cyl		
	H07C-T		7/1989-	6728 cc	110.00 X 118.00	6 cyl		
	CR6740CP <i>Under Development</i> GLA:B6646LC NDC:CB-21116P OEM:13201-1580	C6740*	6 Pairs		0.0000/ 2.5575 0.000/ 64.961	2.7159/ 0.0000 68.984/ 0.000	1.3043 33.13	0.0787 1.999
	MB7065CP <i>Under Development</i> GLA:M7476LC NDC:MS-2108GP OEM:11701-1790	M7065/1U* M7065/1L*	3 Pairs	1,4,7	0.0000/ 3.1480 0.000/ 79.959	3.3459/ 0.0000 84.986/ 0.000	1.2650 32.13	0.0980 2.489
		M7065/2U* M7065/2L*	4 Pairs	2,3,5,6	0.0000/ 3.1480 0.000/ 79.959	3.3459/ 0.0000 84.986/ 0.000	1.1075 28.13	0.0980 2.489
10	EB100		1967-86	9036 cc	115.00 X 145.00	6 cyl	10	
	EB100H CYL: H6		1971-73	9036 cc	115.00 X 145.00	6 cyl		
	EB200		1967-79	9036 cc	115.00 X 145.00	6 cyl		

HINO					HINO			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
CR 667CP <i>Under Development</i> GLA:B6580/B6533LC VAN:VPR92006LC	C 667*	6 Pairs		0.0000/ 3.1460 0.000/ 79.908	3.3059/ 0.0000 83.970/ 0.000	1.6142 41.00	0.0790 2.007	
MB7069CP <i>Under Development</i> GLA:M7408LC VAN:VPM92007LC	M7069/1U* M7069/1L*	2 Pairs	1,7	0.0000/ 3.7386 0.000/ 94.960	3.9764/ 0.0000 101.001/ 0.000	1.7374 44.13	0.1180 2.997	
	M7069/2U* M7069/2L*	4 Pairs	2,3,5,6	0.0000/ 3.7386 0.000/ 94.960	3.9764/ 0.0000 101.001/ 0.000	1.3437 34.13	0.1180 2.997	
	M7069/4U* M7069/4L*	1 Pair	4	0.0000/ 3.7386 0.000/ 94.960	3.9764/ 0.0000 101.001/ 0.000	2.5248 64.13	0.1180 2.997	
11	EB300	1971-86	9838 cc	120.00 X 145.00	6 cyl		11	
	EB400 CYL: H6	1977-88	9838 cc	120.00 X 145.00	6 cyl			
CR 667CP <i>Under Development</i> GLA:B6580/B6533LC VAN:VPR92006LC	C 667*	6 Pairs		0.0000/ 3.1460 0.000/ 79.908	3.3059/ 0.0000 83.970/ 0.000	1.6142 41.00	0.0790 2.007	
MB7069CP <i>Under Development</i> GLA:M7408LC VAN:VPM92007LC	M7069/1U* M7069/1L*	2 Pairs	1,7	0.0000/ 3.7386 0.000/ 94.960	3.9764/ 0.0000 101.001/ 0.000	1.7374 44.13	0.1180 2.997	
	M7069/2U* M7069/2L*	4 Pairs	2,3,5,6	0.0000/ 3.7386 0.000/ 94.960	3.9764/ 0.0000 101.001/ 0.000	1.3437 34.13	0.1180 2.997	
	M7069/4U* M7069/4L*	1 Pair	4	0.0000/ 3.7386 0.000/ 94.960	3.9764/ 0.0000 101.001/ 0.000	2.5248 64.13	0.1180 2.997	
12	ED100	1971-77	11581 cc	128.00 X 150.00	6 cyl		12	
	ER100	1981-86	11581 cc	128.00 X 150.00	6 cyl			
	ER200 CYL: H6	1978-87	11581 cc	128.00 X 150.00	6 cyl			
CR 665CP <i>Under Development</i> GLA:B6590LC VAN:VPR92558LC	C 665*	6 Pairs		0.0000/ 3.1484 0.000/ 79.969	3.3465/ 0.0000 85.001/ 0.000	1.5799 40.13	0.0984 2.499	
MB7071CP <i>Under Development</i> GLA:M7404LC VAN:VPM92543LC	M7071/4U* M7071/4L*	1 Pair	4	0.0000/ 3.9354 0.000/ 99.959	4.1740/ 0.0000 106.020/ 0.000	2.3673 60.13	0.1180 2.997	
	M7071/1U* M7071/1L*	2 Pairs	1,7	0.0000/ 3.9354 0.000/ 99.959	4.1740/ 0.0000 106.020/ 0.000	1.7177 43.63	0.1180 2.997	
	M7071/2U* M7071/2L*	4 Pairs	2,3,5,6	0.0000/ 3.9354 0.000/ 99.959	4.1740/ 0.0000 106.020/ 0.000	1.3043 33.13	0.1180 2.997	
13	ED100	1977-86	11581 cc	128.00 X 150.00	6 cyl		13	
	ED100-T	1980-82	11581 cc	128.00 X 150.00	6 cyl			
	ER100	1981-86	11581 cc	128.00 X 150.00	6 cyl			
	ER200 CYL: H6	1978-87	11581 cc	128.00 X 150.00	6 cyl			
CR 665CP <i>Under Development</i> GLA:B6590LC VAN:VPR92558LC	C 665*	6 Pairs		0.0000/ 3.1484 0.000/ 79.969	3.3465/ 0.0000 85.001/ 0.000	1.5799 40.13	0.0984 2.499	
MB7071CP <i>Under Development</i> GLA:M7404LC VAN:VPM92543LC	M7071/4U* M7071/4L*	1 Pair	4	0.0000/ 3.9354 0.000/ 99.959	4.1740/ 0.0000 106.020/ 0.000	2.3673 60.13	0.1180 2.997	
	M7071/1U* M7071/1L*	2 Pairs	1,7	0.0000/ 3.9354 0.000/ 99.959	4.1740/ 0.0000 106.020/ 0.000	1.7177 43.63	0.1180 2.997	
	M7071/2U* M7071/2L*	4 Pairs	2,3,5,6	0.0000/ 3.9354 0.000/ 99.959	4.1740/ 0.0000 106.020/ 0.000	1.3043 33.13	0.1180 2.997	

HINO				HINO			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
14	K13C	1987 - 03/92	12882	135.00 X cc	6 cyl	FR339 Fire Engine	14
	K13-T	1986 - 04/92	12882	135.00 X cc	6 cyl		
MB7064CP <i>Under Development</i> GLA:M7410LC		M7064U* M7064L*	7 Pairs	0.0000/ 3.5406 0.000/ 89.931	3.7797/ 0.0000 96.004/ 0.000	1.5748 40.00	0.1181 3.000
15	K13D	1989-	13267	137.00 X cc	6 cyl		15
	K130-T	1989-91	13267	137.00 X cc	6 cyl		
	K13U	1989-	13267	137.00 X cc	6 cyl		
	EK100	1975-	13267	137.00 X cc	6 cyl		
	EK100-T	1984-89	13267	137.00 X cc	6 cyl		
	EK200 CYL: H6	1986-12/89	13267	137.00 X cc	6 cyl		
	EK130-T		13267	137.00 X cc	6 cyl		
	EK200		13267	137.00 X cc	6 cyl		
CR6739CP <i>Under Development</i> GLA:B6578LC		C6739*	6 Pairs	0.0000/ 3.3057 0.000/ 83.965	3.5045/ 0.0000 89.014/ 0.000	1.5984 40.60	0.0984 2.499
MB7064CP <i>Under Development</i> GLA:M7410LC		M7064U* M7064L*	7 Pairs	0.0000/ 3.5406 0.000/ 89.931	3.7797/ 0.0000 96.004/ 0.000	1.5748 40.00	0.1181 3.000
16	EF350 CYL: V8	1979-82	14779	132.00 X cc	8 cyl	KF798 Truck	16
	EF500 CYL: V8	1975-	15459	135.00 X cc	8 cyl		
	EF700, EF700-T CYL: V8	1976-83	15920	137.00 X cc	8 cyl		
	EF550 CYL: V8	1981-	16260	135.00 X cc	8 cyl		
	EF750, EF750-T CYL: V8	1981-	16745	137.00 X cc	8 cyl		
CR 886CP GLA:B8114LC VAN:VPR92559LC		C 886	8 Pairs	0.0000/ 3.3057 0.000/ 83.965	3.5045/ 0.0000 89.014/ 0.000	1.2874 32.70	0.0983 2.497
MB5261CP <i>Under Development</i> GLA:M5426LC VAN:VPM92544LC		M5261U M5261L	5 Pairs	0.0000/ 4.3276 0.000/109.921	4.5675/ 0.0000 116.015/ 0.000	1.3780 35.00	0.1184 3.007

Engine Index: HOLDEN

Engine-Code	Years	Cyl	CC	Line
Holden 138ci	1969-74	6	2262	1
Holden 149ci	1963-74	6	2442	1
Holden 161ci	1063-74	6	2638	1
Holden 179ci	1963-74	6	2933	1
Holden 186ci	1963-74	6	3048	1
XUT, LH,HJ,HQ	1978 -	6	3310	2

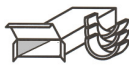







Engine-Code	Years	Cyl	CC	Line
Alloytec 175 3.6L V6 DOHC 4v	2004-	6	3565	3
Alloytec 190 3.6L, V6, DOHC 4v	2004-	6	3565	3
Holden 253 ci.	1/69 -	8	4146	4
Holden 308 ci.	1/69-	8	5047	4

Car Model Index: HOLDEN

Model	Engine	Years	Cyl	CC	Line
Calais VZ 4D Sedan	Alloytec 190 3.6L,	2004-	6	3565	3
Commodore VE Berlina	Alloytec 175 3.6L	2006-	6	3565	3
Commodore VE Brelina	Alloytec 190 3.6L,	2006	6	3565	3
Commodore VE Calais	Alloytec 190 3.6L,	2006-	6	3565	3
Commodore VE	Alloytec 175 3.6L	2006-	6	3565	3
Commodore VE SS	Alloytec 190 3.6L,	2006-	6	3565	3
Commodore VE SV6	Alloytec 190 3.6L,	2006-	6	3565	3
Commodore VZ Berlina	Alloytec 175 3.6L	2004-	6	3565	3
Commodore VZ Acclaim	Alloytec 175 3.6L	2004-	6	3565	3
Commodore VZ Acclaim	Alloytec 175 3.6L	2004-	6	3565	3
Commodore VZ Berlina	Alloytec 190 3.6L,	2004-	6	3565	3
Commodore VZ Equipe	Alloytec 175 3.6L	2005-	6	3565	3
Commodore VZ Equipe	Alloytec 175 3.6L	2005-	6	3565	3
Commodore VZ	Alloytec 175 3.6L	2004-	6	3565	3
Commodore VZ Lumina	Alloytec 175 3.6L	2004-	6	3565	3
Commodore VZ Lumina	Alloytec 175 3.6L	2004-	6	3565	3

Model	Engine	Years	Cyl	CC	Line
Commodore VZ SV6 4D	Alloytec 190 3.6L,	2004-	6	3565	3
Crewman VZ Cross 6	Alloytec 175 3.6L	2005-	6	3565	3
Crewman VZ S Utility	Alloytec 175 3.6L	2004-	6	3565	3
Crewman VZ Storm	Alloytec 175 3.6L	2005-	6	3565	3
Crewman VZ Utility	Alloytec 175 3.6L	2004-	6	3565	3
HT,HG,HQ,HJ,HX	Holden 308 ci.		8	5047	4
HT,HG,HQ,HX,HZ	Holden 253 ci.		8	4146	4
One Tonner VZ Cab	Alloytec 175 3.6L	2004-	6	3565	3
One Tonner VZ Cross 6	Alloytec 175 3.6L	2005-	6	3565	3
One Tonner VZ S Cab	Alloytec 175 3.6L	2004-	6	3565	3
Statesman WM 4D	Alloytec 190 3.6L,	2006-	6	3565	3
Torana	XUT, LH,HJ,HQ		6	3310	2
Ute VZ S Utility	Alloytec 175 3.6L	2004-	6	3565	3
Ute VZ Utility	Alloytec 175 3.6L	2004-	6	3565	3

HOLDEN				HOLDEN			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	Holden 138ci	1969-74	2262 cc	79.37 X 76.20	6 cyl		1
	Holden 149ci	1963-74	2442 cc	3.25 X 3.00	6 cyl		
	Holden 161ci	1063-74	2638 cc	3.38 X 3.00	6 cyl		
	Holden 179ci	1963-74	2933 cc	3.56 X 3.00	6 cyl		
	Holden 186ci	1963-74	3048 cc	3.63 X 3.00	6 cyl		
CR6649AM STD/001/010/020/030/040 CLE:CB-2380 (6) VAN:VPR91147	C6649	6 Pairs		1.8990/ 1.9000 48.235/ 48.260	2.0247/ 2.0252 51.427/ 51.440	0.7220 18.34	0.0617 1.567
MB7724AM STD/001/010/020/030/040 All upper & lower halves are full grooved. The are two holes in upper halves : - 4.7 mm hole at 32 degrees to centerline; -3.0 mm hole at 46 degrees to centerline. The set includes 2 flanged halves with flange STD length 25.63 mm in all undersizes. VAN:VPM91148	M7724U M7724L	6 Pairs	1-2-3-4-5-6	2.1978/ 2.1988 55.824/ 55.850	2.3906/ 2.3916 60.721/ 60.747	0.8020 20.37	0.0950 2.413
	F7724U F7724L	1 Pair	7	2.1978/ 2.1988 55.824/ 55.850	2.3906/ 2.3916 60.721/ 60.747	1.0090 25.63	0.0950 2.413
MB7736AM Upper halves are full grooved with slot 3.0 mm width at 36.5 degrees to centerline; lower halves are plain. The set includes 2 flanged halves. Flange length: STD - 25.63 mm (FI STD) 010, 020 - 25.73 mm (FI O/S .004") 030, 040, 050, 060 - 25.83 mm (FI O/S .008") ACL: 7M2384	M7736U M7736L	6 Pairs	1-2-3-4-5-6	2.1978/ 2.1988 55.824/ 55.850	2.3906/ 2.3916 60.721/ 60.747	0.8020 20.37	0.0950 2.413
	F7736U F7736L	1 Pair	7	2.1978/ 2.1988 55.824/ 55.850	2.3906/ 2.3916 60.721/ 60.747	1.0090 25.63	0.0950 2.413
2	XUT, LH,HJ,HQ	1978 -	3310 cc	91.90 X 82.50	6 cyl	Torana	2
CR6649AM STD/001/010/020/030/040 CLE:CB-2380 (6) VAN:VPR91147	C6649	6 Pairs		1.8990/ 1.9000 48.235/ 48.260	2.0247/ 2.0252 51.427/ 51.440	0.7220 18.34	0.0617 1.567
MB7704AM STD/001/010/020/030 FI STD length 25.63 mm in all undersizes. CLE:MS-2398 NDC:MS-3782 VAN:VPM91516	M7704U M7704L	6 Pairs	1-2-3-4-5-6	2.4978/ 2.4988 63.444/ 63.470	2.6906/ 2.6916 68.341/ 68.367	0.8020 20.37	0.0955 2.426
	F7704U F7704L	1 Pair	7	2.4978/ 2.4988 63.444/ 63.470	2.6906/ 2.6912 68.341/ 68.356	1.0090 25.63	0.0955 2.426
3	Alloytec 175 3.6L V6 DOHC 4v	2004-	3565 cc	94.00 X 82.60	6 cyl	Commodore VE Berlina,	3

HOLDEN				HOLDEN			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
							Commodore VE Omega, Commodore VZ Berlina 4D Wagon, Commodore VZ Acclaim 4D Sedan, Commodore VZ Acclaim 4D Wagon, Commodore VZ Equipe 4D Sedan, Commodore VZ Equipe 4D Wagon, Commodore VZ Executive 4D, Commodore VZ Lumina 4D Sedan, Commodore VZ Lumina 4D Wagon, Crewman VZ Cross 6 Utility, Crewman VZ S Utility, Crewman VZ Storm Utility, Crewman VZ Utility, One Tonner VZ Cab Chassis, One Tonner VZ Cross 6 Cab, One Tonner VZ S Cab Chassis, Ute VZ S Utility, Ute VZ Utility
Alloytec 190 3.6L, V6, DOHC 4v	2004-	3565 cc	94.00 X 85.60	6 cyl			Calais VZ 4D Sedan, Commodore VE Brelina, Commodore VE Calais, Commodore VE SS, Commodore VE SV6, Commodore VZ Berlina 4D Sedan, Commodore VZ SV6 4D Sedan, Statesman WM 4D Sedan
CR6826SI STD/.25/.5/.75 ACL: 6B2270A	C6826	6 Pairs		2.2044/ 2.2050 55.992/ 56.007	2.3472/ 2.3479 59.619/ 59.637	0.7303 18.55	0.0709 1.801
MB4272SI STD/.25/.5/.75 ACL: 4M2273A	M4272U M4272L	3 Pairs		2.6768/ 2.6775 67.991/ 68.009	2.8687/ 2.8694 72.865/ 72.883	0.7776 19.75	0.0956 2.428
	F4272 M4272L	1 Pair		2.6768/ 2.6775 67.991/ 68.009	2.8676/ 2.8694 72.837/ 72.883	0.9563 24.29	0.0956 2.428
4	Holden 253 ci.	1/69 - 1/84	4146 cc	3.63 X 3.06	8 cyl	HT, HG, HQ, HX, HZ	4
	Holden 308 ci.	1/69-12/90	5047 cc	4.00 X 3.06	8 cyl	HT, HG, HQ, HJ, HX	
CR 820AM STD/001/010/020/030/040 ACL: 8B2356 CLE: CB-2356 (8) VAN: VPR91643	C 820	8 Pairs		2.1240/ 2.1250 53.950/ 53.975	2.2497/ 2.2502 57.142/ 57.155	0.7780 19.76	0.0620 1.575
CS 520AM							
MB5539AM STD/001/010/020/030/040 <i>Upper halves are full grooved , lower halves are partial (240 degrees) grooved.</i> ACL: 5M2357 ~ CLE: MS-2357 ~ VAN: VPM91642	M5539U M5539L	4 Pairs	1-2-3-4	2.3978/ 2.3988 60.904/ 60.930	2.5906/ 2.5916 65.801/ 65.827	0.8950 22.73	0.0955 2.426
	F5539U F5539L	1 Pair	5	2.3978/ 2.3988 60.904/ 60.930	2.5906/ 2.5916 65.801/ 65.827	1.0910 27.71	0.0955 2.426
MB5539CP							

Engine Index: HOLDEN PERFORMANCE

Engine-Code	Years	Cyl	CC	Line
Holden 253 ci.	1/69 -	8	4146	1
Holden 308 ci.	1/69-	8	5047	1

Engine-Code	Years	Cyl	CC	Line

Car Model Index: HOLDEN PERFORMANCE

Model	Engine	Years	Cyl	CC	Line
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HOLDEN PERFORMANCE					HOLDEN PERFORMANCE				
King Set No.		Part No.		Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	Holden 253 ci.	1/69 - 1/84	4146 cc	3.63 X 3.06	8 cyl				1
	Holden 308 ci.	1/69-12/90	5047 cc	4.00 X 3.06	8 cyl				
CR8007HP ^{STD/010/020/030/STDX} <i>High Performance</i> ACL: 8B2356H		C8007U C8007L	8 Pairs			2.1240/ 2.1250 53.950/ 53.975	2.2497/ 2.2502 57.142/ 57.155	0.7716 19.60	0.0619 1.572
MB5381HP ^{STD/010/020/030/STDX} ACL: 5M2357H		M5381U M5381L	4 Pairs			2.3978/ 2.3988 60.904/ 60.930	2.5906/ 2.5916 65.801/ 65.827	0.8950 22.73	0.0955 2.426
		F5381U F5381L	1 Pair	5		2.3978/ 2.3988 60.904/ 60.930	2.5906/ 2.5916 65.801/ 65.827	1.0910 27.71	0.0955 2.426

Engine Index: HONDA

Engine-Code	Years	Cyl	CC	Line
EB1 L4 71CI /1.2Liter, SOHC, 8	01/1973-	4	1169	2
ER1,ER2,ER3 L4 75CI /1.2Liter,	11/1981-	4	1231	1
EB2,EB3 L4 76CI /1.2Liter,	01/1974-	4	1238	2
EE L4 76CI /1.2Liter, SOHC, 8	01/1975-	4	1238	2
EJ1 L4 81CI /1.3Liter, SOHC, 8	01/1980-	4	1335	2
EN1,EN2,EN4 L4 81CI /1.3Liter,	01/1979-	4	1335	2
L13A4		0	1339	9
EV2 L4 82CI /1.3Liter, SOHC, 8	07/1983-	4	1342	3
EV1 L4 82CI /1.3Liter, SOHC, 8	09/1983-	4	1342	4
D13A2 L4 82CI /1.3Liter, SOHC,	01/1987-	4	1342	5
D15A2,D15A3 L4 91CI /1.5Liter,	08/1987-	4	1487	7
EC L4 91CI /1.5Liter, SOHC, 8	11/1974-	4	1487	14
ED1,ED2,ED3,ED4 L4 91CI	12/1974-	4	1487	14
EM1 L4 91CI /1.5Liter, SOHC, 8	06/1979-	4	1487	14
EW1,EW3,EW4 L4 91CI /1.5Liter,	01/1984-	4	1488	6
D15B1,D15B2 L4 91CI /1.5Liter,	01/1988-	4	1493	7
D15B7 L4 91CI /1.5Liter, SOHC,	01/1992-	4	1493	7
D15B8 L4 91CI /1.5Liter, SOHC,	01/1992-	4	1493	7
D15Z1 L4 91CI /1.5Liter, SOHC,	09/1991-	4	1493	7
D15B6 L4 91CI /1.5Liter, SOHC,	01/1988-	4	1493	8
L15A		0	1496	9
D16A6 L4 97CI /1.6Liter, SOHC,	01/1988-	4	1590	10
D16Y5 L4 97CI /1.6Liter, SOHC,	01/1996-	4	1590	10
D16Y7 L4 97CI /1.6Liter, SOHC,	01/1996-	4	1590	10
D16Y8 L4 97CI /1.6Liter, SOHC,	01/1996-	4	1590	10
D16Z6 L4 97CI /1.6Liter, SOHC,	01/1992-	4	1590	10

Engine-Code	Years	Cyl	CC	Line
ZC L4 97CI /1.6Liter, DOHC, 16	10/1984-	4	1590	10
B16A2 L4 97CI /1.6Liter, DOHC,	01/1996-	4	1595	11
B16A3 L4 97CI /1.6Liter, DOHC,	01/1994-	4	1595	11
EY L4 98CI /1.6Liter, SOHC, 8	06/1983-	4	1598	12
EF1 L4 98CI /1.6Liter, SOHC, 12	04/1976-	4	1599	14
EG L4 98CI /1.6Liter, SOHC, 12	01/1978-	4	1599	14
EL1 L4 98CI /1.6Liter, SOHC, 8	01/1982-	4	1602	14
EP L4 98CI /1.6Liter, SOHC, 8	02/1980-	4	1602	14
D17A1 L4 102CI /1.7Liter, SOHC,	01/2001-	4	1668	13
D17A2 L4 102CI /1.7Liter, SOHC,	01/2001-	4	1668	13
EK,EK1 L4 107CI /1.8Liter,	09/1978-	4	1751	14
R18A1 L4 110CI /1.8Liter, SOHC,	01/2006-	4	1798	15
A18A1 L4 112CI /1.8Liter, SOHC,	06/1985-	4	1829	16
ES,ES2,ES3 L4 112CI /1.8Liter,	11/1982-	4	1829	16
ET1,ET2 L4 112CI /1.8Liter,	06/1983-	4	1829	16
A20A1,A20A3 L4 119CI /2.0Liter,	04/1987-	4	1955	16
BS1 V4 119CI /2.0Liter, SOHC,	01/1985-	4	1955	16
B20A5 L4 119CI /2.0Liter, DOHC,	01/1988-	4	1958	19
B20A3 L4 119CI /2.0Liter, SOHC,	01/1988-	4	1958	17
B20B4 L4 120CI /2.0Liter, DOHC,	01/1997-	4	1972	18
B20Z2 L4 120CI /2.0Liter, DOHC,	01/1999-	4	1972	18
B21A1 L4 125CI /2.1Liter, DOHC,	01/1990-	4	2056	19
F22A1,F22A4 L4 132CI /2.2Liter,	01/1990-	4	2156	21
F22A6 L4 132CI /2.2Liter, SOHC,	01/1990-	4	2156	21
F22B1 L4 132CI /2.2Liter, SOHC,	01/1994-	4	2156	21
F22B2 L4 132CI /2.2Liter, SOHC,	01/1994-	4	2156	21

Engine-Code	Years	Cyl	CC	Line
F22B6 L4 132CI /2.2Liter, SOHC,	01/1995-	4	2156	21
H22A1 L4 132CI /2.2Liter,	01/1993-	4	2157	21
H22A4 L4 132CI /2.2Liter,	01/1997-	4	2157	20
H23A1 L4 138CI /2.3Liter,	01/1992-	4	2259	21
4ZE1 L4 Isuzu 156CI /2.6Liter,	01/1994-	4	2559	22

Engine-Code	Years	Cyl	CC	Line
C27A4 V6 163CI /2.7Liter,	01/1995-	6	2675	23
6VD1 V6 Isuzu 193CI /3.2Liter,	01/1994-	6	3165	24
6VD1 V6 Isuzu 193CI /3.2Liter,	01/1998-	6	3165	24

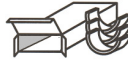




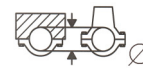


Car Model Index: HONDA









Model	Engine	Years	Cyl	CC	Line
Civic	EM1 L4 91CI		4	1487	14
Civic	EP L4 98CI		4	1602	14
ACCORD	H22A4 L4 132CI		4	2157	20
Accord	EK,EK1 L4 107CI	1979-83	4	1751	14
Accord	F22B1 L4 132CI		4	2156	21
Accord	F22B2 L4 132CI		4	2156	21
Accord	C27A4 V6 163CI	1995-97	6	2675	23
Accord (Canada)	EG L4 98CI	1978-79	4	1599	14
Accord (Canada)	EL1 L4 98CI	1982-83	4	1602	14
Accord 1600	EY L4 98CI		4	1598	12
Accord DX	F22A1,F22A4 L4	1990-97	4	2156	21
Accord EX	F22A1,F22A4 L4	1990-97	4	2156	21
Accord LX	F22A1,F22A4 L4	1990-97	4	2156	21
Accord SE	F22A1,F22A4 L4	1990-97	4	2156	21
Accord, Civic	EF1 L4 98CI	1976-78	4	1599	14
Accord, Prelude	ES,ES2,ES3 L4		4	1829	16
Accord, Prelude	A20A1,A20A3 L4		4	1955	16
Ballade	ZC L4 97CI		4	1590	10
CIVIC Si,del SOL VTEC	B16A2 L4 97CI		4	1595	11
CRV	B20B4 L4 120CI		4	1972	18
CRV	B20Z2 L4 120CI		4	1972	18
CRX	D15A2,D15A3 L4		4	1487	7
CRX	D15B1,D15B2 L4		4	1493	7
CRX	EM1 L4 91CI		4	1487	14
CRX	EW1,EW3,EW4 L4	1984-87	4	1488	6
CRX	D15B6 L4 91CI		4	1493	8
CRX -1300	EV2 L4 82CI	1984-	4	1342	3
CRX DX	EW1,EW3,EW4 L4	1984-87	4	1488	6
CRX Si	D16A6 L4 97CI		4	1590	10
CRX Si	EW1,EW3,EW4 L4	1985-87	4	1488	6
CRX-1300	EV1 L4 82CI	1984-	4	1342	4
City	ER1,ER2,ER3 L4		4	1231	1
Civic	D16Y5 L4 97CI	1996-98	4	1590	10
Civic	D16Y7 L4 97CI		4	1590	10
Civic	D16Y8 L4 97CI		4	1590	10
Civic	D16Z6 L4 97CI		4	1590	10
Civic	D15A2,D15A3 L4		4	1487	7
Civic	D15Z1 L4 91CI		4	1493	7
Civic	D15B1,D15B2 L4		4	1493	7
Civic	D15B8 L4 91CI		4	1493	7
Civic	EC L4 91CI	1975-87	4	1487	14
Civic	ED1,ED2,ED3,ED4		4	1487	14
Civic	EB1 L4 71CI		4	1169	2
Civic	EE L4 76CI	1975-79	4	1238	2

Model	Engine	Years	Cyl	CC	Line
Civic	EB2,EB3 L4 76CI	1974-79	4	1238	2
Civic	EJ1 L4 81CI	1980-83	4	1335	2
Civic (Canada)	EC L4 91CI	1975-79	4	1487	14
Civic (Standard)	EV2 L4 82CI	1984-87	4	1342	3
Civic 2WD Wagon	EW1,EW3,EW4 L4	1985-87	4	1488	6
Civic 4WD Wagon	EW1,EW3,EW4 L4	1984-87	4	1488	6
Civic DX, EX, LX	R18A1 L4 110CI	2006-	4	1798	15
Civic DX, LX	D17A1 L4 102CI		4	1668	13
Civic EX, HX	D17A2 L4 102CI		4	1668	13
Civic S	EW1,EW3,EW4 L4	1984-85	4	1488	6
Civic Si	D16A6 L4 97CI		4	1590	10
Civic Si	EW1,EW3,EW4 L4	1968-87	4	1488	6
Civic, Del Sol	D15B7 L4 91CI		4	1493	7
Civic, Logo	D13A2 L4 82CI		4	1342	5
Del Sol S	D16Y7 L4 97CI		4	1590	10
Del Sol Si	D16Y8 L4 97CI		4	1590	10
Del Sol Si	D16Z6 L4 97CI		4	1590	10
Fit	L13A4		0	1339	9
Fit 2wd	L15A		0	1496	9
Fit 4wd	L15A		0	1496	9
Jazz	L13A4		0	1339	9
Odyssey	F22B6 L4 132CI		4	2156	21
Passport	4ZE1 L4 Isuzu	1994-96	4	2559	22
Passport	6VD1 V6 Isuzu	1994-97	6	3165	24
Passport	6VD1 V6 Isuzu		6	3165	24
Prelude	A18A1 L4 112CI		4	1829	16
Prelude	ET1,ET2 L4 112CI		4	1829	16
Prelude	B20A5 L4 119CI		4	1958	19
Prelude	B21A1 L4 125CI		4	2056	19
Prelude	EK,EK1 L4 107CI	1979-82	4	1751	14
Prelude	F22A6 L4 132CI		4	2156	21
Prelude	H22A1 L4 132CI	1993-96	4	2157	21
Prelude	H23A1 L4 138CI	1992-96	4	2259	21
Prelude	H22A4 L4 132CI		4	2157	20
Prelude	B20A3 L4 119CI		4	1958	17
Prelude 2.2S	F22A1,F22A4 L4	1992-96	4	2156	21
Prelude S	F22A1,F22A4 L4	1992-96	4	2156	21
Prelude Si	BS1 V4 119CI	1985-87	4	1955	16
del SOL,VTEC	B16A3 L4 97CI		4	1595	11






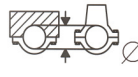


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	 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
1	ER1,ER2,ER3 L4 75CI /1.2Liter, SOHC, 8 Valves, Gasoline	11/1981-10/1986	1231 cc	66.00 X 90.00	4 cyl	City		1
	MB5244AM STD/.25/.5/.75/1.0 ACL: 5M1932 CLE: MS-1806AL DAI: M 988A FMO: 6699M GLA: M5553LC NDC: MS-2206GP OEM: 13321-PE0-044 OEM: 13032-13038-PC0-S20	M5244	5 Pairs	1-5	1.7707/ 1.7716 44.976/ 44.999	1.9291/ 1.9300 48.999/ 49.022	0.7870 19.99	0.0786 1.996
	TW 110AM STD ACL: 1T1952 CLE: TW- 327S DAI: T9800A FMO: 67341AF GLA: W2287SA GLY: 67341AF NDC: TW-1134GP OEM: 13331-634-003 OEM: 13014-PD1-S10 VAN: VPW95080	W 110	1 Pair		2.2047/ 2.2146 55.999/ 56.251	3.0709/ 3.0807 78.001/ 78.250	0.0000 0.00	0.0984 2.499
2	EB1 L4 71CI /1.2Liter, SOHC, 8 Valves, Gasoline	01/1973-12/1973	1169 cc	70.00 X 76.00	4 cyl	Civic		2
	EE L4 76CI /1.2Liter, SOHC, 8 Valves, Gasoline	01/1975-12/1979	1238 cc	72.00 X 76.00	4 cyl	Civic		
	EB2,EB3 L4 76CI /1.2Liter, SOHC, 8 Valves, Gasoline	01/1974-12/1979	1238 cc	72.00 X 76.00	4 cyl	Civic		
	EJ1 L4 81CI /1.3Liter, SOHC, 8 Valves, Diesel	01/1980-12/1983	1335 cc	72.00 X 82.00	4 cyl	Civic		
	EN1,EN2,EN4 L4 81CI /1.3Liter, SOHC, 8 Valves, Gasoline	01/1979-12/1983	1335 cc	72.00 X 85.00	4 cyl			
	CR4462AM STD/.25/.5/.75/1.0/1.25/1.5 ACL: 4B1950 CLE: CB-1222AL (4) DAI: R 980K1 FMO: 4-67340CP GLA: B4591SA GLY: 71-4339/4 NDC: CB-1134GP OEM: 13211-634-003 OEM: 13211-13217-634-003/VAN: VPR91786	C4462	4 Pairs		1.5739/ 1.5748 39.977/ 40.000	1.6929/ 1.6939 43.000/ 43.025	0.6890 17.50	0.0591 1.501
	MB5168AM STD/.25/.5/.75/1.0/1.25/1.5 <i>Was MB 570AM, MB 573AM</i> ACL: 5M1952 CLE: MS-2012P DAI: M9950K FMO: 7103M GLA: M5555LC NDC: MS-2213GP OEM: 13325-PTO-004 OEM: 13321-13327-PC6-003/VAN: VPM92642LC	M5168	5 Pairs		1.9676/ 1.9685 49.977/ 50.000	2.1260/ 2.1269 54.000/ 54.023	0.7870 19.99	0.0787 1.999
	TW 110AM STD ACL: 1T1952 CLE: TW- 327S DAI: T9800A FMO: 67341AF GLA: W2287SA GLY: 67341AF NDC: TW-1134GP OEM: 13331-634-003 OEM: 13014-PD1-S10 VAN: VPW95080	W 110	1 Pair		2.2047/ 2.2146 55.999/ 56.251	3.0709/ 3.0807 78.001/ 78.250	0.0000 0.00	0.0984 2.499
3	EV2 L4 82CI /1.3Liter, SOHC, 8 Valves, Gasoline	07/1983-10/1987	1342 cc	74.00 X 78.00	4 cyl	CRX -1300, Civic (Standard)		3
	CR4258AM ACL: 4B1930 DAI: R 981K FMO: 4-1510CP GLA: B4759 NDC: CB-2204GP OEM: 13022-13028-PE0-S10	C4258	4 Pairs		1.5740/ 1.5748 39.980/ 40.000	1.6931/ 1.6938 43.005/ 43.023	0.7244 18.40	0.0591 1.501
	MB5168AM STD/.25/.5/.75/1.0/1.25/1.5 <i>Was MB 570AM, MB 573AM</i> ACL: 5M1952 CLE: MS-2012P DAI: M9950K FMO: 7103M GLA: M5555LC NDC: MS-2213GP OEM: 13325-PTO-004 OEM: 13321-13327-PC6-003/VAN: VPM92642LC	M5168	5 Pairs		1.9676/ 1.9685 49.977/ 50.000	2.1260/ 2.1269 54.000/ 54.023	0.7870 19.99	0.0787 1.999
	TW 110AM STD ACL: 1T1952 CLE: TW- 327S DAI: T9800A FMO: 67341AF GLA: W2287SA GLY: 67341AF NDC: TW-1134GP OEM: 13331-634-003 OEM: 13014-PD1-S10 VAN: VPW95080	W 110	1 Pair		2.2047/ 2.2146 55.999/ 56.251	3.0709/ 3.0807 78.001/ 78.250	0.0000 0.00	0.0984 2.499
4	EV1 L4 82CI /1.3Liter, SOHC, 8 Valves, Gasoline	09/1983-10/1987	1342 cc	74.00 X 78.00	4 cyl	CRX-1300		4
	CR4259AM STD ACL: 4B1931 DAI: R 992K GLA: B4822 NDC: CB-2209GP OEM: 13211-13217-PE0-661	C4259	4 Pairs		1.4951/ 1.4961 37.976/ 38.001	1.6142/ 1.6150 41.001/ 41.021	0.7283 18.50	0.0592 1.504
	MB5244AM STD/.25/.5/.75/1.0	M5244	5 Pairs	1-5	1.7707/ 1.7716 44.976/ 44.999	1.9291/ 1.9300 48.999/ 49.022	0.7870 19.99	0.0786 1.996

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King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
ACL:5M1932 DAI:M 988A GLA:M5553LC OEM:13321-PE0-044 OEM:13032-13038-PC0-S20	CLE:MS-1806AL FMO:6699M NDC:MS-2206GP							
TW 110AMSTD ACL:1T1952 DAI:T9800A GLA:W2287SA NDC:TW-1134GP OEM:13014-PD1-S10	CLE:TW- 327S FMO:67341AF GLY:67341AF OEM:13331-634-003 VAN:VPW95080	W 110	1 Pair	2.2047/ 2.2146 55.999/ 56.251	3.0709/ 3.0807 78.001/ 78.250	0.0000 0.00	0.0984 2.499	
5	D13A2 L4 82CI /1.3Liter, SOHC, 8 Valves, Gasoline	01/1987-12/1987	1342 cc	74.00 X 78.00	4 cyl	Civic, Logo	5	
CR4258AM ACL:4B1930 FMO:4-1510CP NDC:CB-2204GP OEM:13022-13028-PE0-S10	DAI:R 981K GLA:B4759	C4258	4 Pairs	1.5740/ 1.5748 39.980/ 40.000	1.6931/ 1.6938 43.005/ 43.023	0.7244 18.40	0.0591 1.501	
MB5244AMSTD/.25/.5/.75/1.0 ACL:5M1932 DAI:M 988A GLA:M5553LC OEM:13321-PE0-044 OEM:13032-13038-PC0-S20	CLE:MS-1806AL FMO:6699M NDC:MS-2206GP	M5244	5 Pairs	1-5	1.7707/ 1.7716 44.976/ 44.999	1.9291/ 1.9300 48.999/ 49.022	0.7870 19.99	0.0786 1.996
TW 110AMSTD ACL:1T1952 DAI:T9800A GLA:W2287SA NDC:TW-1134GP OEM:13014-PD1-S10	CLE:TW- 327S FMO:67341AF GLY:67341AF OEM:13331-634-003 VAN:VPW95080	W 110	1 Pair	2.2047/ 2.2146 55.999/ 56.251	3.0709/ 3.0807 78.001/ 78.250	0.0000 0.00	0.0984 2.499	
6	EW1,EW3,EW4 L4 91CI /1.5Liter, SOHC, 12 Valves, Gasoline	01/1984-12/1986	1488 cc	74.00 X 86.50	4 cyl	CRX, CRX DX, CRX Si, Civic 2WD Wagon, Civic 4WD Wagon, Civic S, Civic Si	6	
CR4139AMSTD/.25/.5 ACL:4B1955 DAI:R 984K GLA:B4760LC NDC:CB-2205GP OEM:13022-8-PE1-S10/S20	CLE:CB-1459P (4) FMO:4-1520 GLY:71-4357/4 OEM:13211-PE1-003	C4139	4 Pairs	1.6526/ 1.6535 41.976/ 41.999	1.7717/ 1.7726 45.001/ 45.024	0.7283 18.50	0.0590 1.499	
MB5168AMSTD/.25/.5/.75/1.0/1.25/1.5 <i>Was MB 570AM, MB 573AM</i> ACL:5M1952 DAI:M9950K GLA:M5555LC OEM:13325-PTO-004 OEM:13321-13327-PC6-003VAN:VPM92642LC	CLE:MS-2012P FMO:7103M NDC:MS-2213GP	M5168	5 Pairs	1.9676/ 1.9685 49.977/ 50.000	2.1260/ 2.1269 54.000/ 54.023	0.7870 19.99	0.0787 1.999	
TW 110AMSTD ACL:1T1952 DAI:T9800A GLA:W2287SA NDC:TW-1134GP OEM:13014-PD1-S10	CLE:TW- 327S FMO:67341AF GLY:67341AF OEM:13331-634-003 VAN:VPW95080	W 110	1 Pair	2.2047/ 2.2146 55.999/ 56.251	3.0709/ 3.0807 78.001/ 78.250	0.0000 0.00	0.0984 2.499	
7	D15A2,D15A3 L4 91CI /1.5Liter, SOHC, 12 Valves, Gasoline	08/1987-07/1988	1487 cc	75.00 X 84.50	4 cyl	CRX, Civic	7	
	D15Z1 L4 91CI /1.5Liter, SOHC, 16 Valves, Gasoline	09/1991-12/1995	1493 cc	75.00 X 84.50	4 cyl	Civic		
	D15B1,D15B2 L4 91CI /1.5Liter, SOHC, 16 Valves, Gasoline	01/1988-12/1991	1493 cc	75.00 X 84.50	4 cyl	CRX, Civic		
	D15B7 L4 91CI /1.5Liter, SOHC, 16 Valves, Gasoline	01/1992-12/1995	1493 cc	75.00 X 84.50	4 cyl	Civic, Del Sol		
	D15B8 L4 91CI /1.5Liter, SOHC, 8 Valves, Gasoline	01/1992-12/1995	1493 cc	75.00 X 84.50	4 cyl	Civic		
CR4139AMSTD/.25/.5 ACL:4B1955 DAI:R 984K GLA:B4760LC NDC:CB-2205GP OEM:13022-8-PE1-S10/S20	CLE:CB-1459P (4) FMO:4-1520 GLY:71-4357/4 OEM:13211-PE1-003	C4139	4 Pairs	1.6526/ 1.6535 41.976/ 41.999	1.7717/ 1.7726 45.001/ 45.024	0.7283 18.50	0.0590 1.499	

HONDA				HONDA			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
MB5244AM STD/.25/.5/.75/1.0 ACL:5M1932 CLE:MS-1806AL DAI:M 988A FMO:6699M GLA:M5553LC NDC:MS-2206GP OEM:13321-PE0-044 OEM:13032-13038-PC0-S20	M5244	5 Pairs	1-5	1.7707/ 1.7716 44.976/ 44.999	1.9291/ 1.9300 48.999/ 49.022	0.7870 19.99	0.0786 1.996
TW 110AM STD ACL:1T1952 CLE:TW- 327S DAI:T9800A FMO:67341AF GLA:W2287SA GLY:67341AF NDC:TW-1134GP OEM:13331-634-003 OEM:13014-PD1-S10 VAN:VPW95080	W 110	1 Pair		2.2047/ 2.2146 55.999/ 56.251	3.0709/ 3.0807 78.001/ 78.250	0.0000 0.00	0.0984 2.499
8	D15B6 L4 91CI /1.5Liter, SOHC, 8 Valves, Gasoline	01/1988-12/1991	1493 cc	75.00 X 84.50	4 cyl	CRX	8
MB5244AM STD/.25/.5/.75/1.0 ACL:5M1932 CLE:MS-1806AL DAI:M 988A FMO:6699M GLA:M5553LC NDC:MS-2206GP OEM:13321-PE0-044 OEM:13032-13038-PC0-S20	M5244	5 Pairs	1-5	1.7707/ 1.7716 44.976/ 44.999	1.9291/ 1.9300 48.999/ 49.022	0.7870 19.99	0.0786 1.996
TW 110AM STD ACL:1T1952 CLE:TW- 327S DAI:T9800A FMO:67341AF GLA:W2287SA GLY:67341AF NDC:TW-1134GP OEM:13331-634-003 OEM:13014-PD1-S10 VAN:VPW95080	W 110	1 Pair		2.2047/ 2.2146 55.999/ 56.251	3.0709/ 3.0807 78.001/ 78.250	0.0000 0.00	0.0984 2.499
9	L13A4		1339 cc	73.00 X 80.00	0 cyl	Fit, Jazz	9
	L15A		1496 cc	73.00 X 89.40	0 cyl	Fit 2wd, Fit 4wd	
CR4398CP STD/.25/.5/.75/1.0 OEM:13214-REA-Z01 x 8	C4398	4 Pairs		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 1.6943 0.000/ 43.035	0.5270 13.39	0.0590 1.499
MB5427SI STD/.25/.5/.75/1.0 OEM:13344-REA-Z01+13324-REA-Z01	M5427U M5427L	5 Pairs		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 2.1290 0.000/ 54.077	0.6650 16.89	0.0790 2.007
TW 189AM OEM:13331-REA-Z01	W 189	1 Pair		2.4134/ 0.0000 61.300/ 0.000	0.0000/ 3.2301 0.000/ 82.045	0.0000 0.00	0.0970 2.464
10	ZC L4 97CI /1.6Liter, DOHC, 16 Valves, Gasoline	10/1984-12/1988	1590 cc	75.00 X 90.00	4 cyl	Ballade	10
	D16A6 L4 97CI /1.6Liter, SOHC, 16 Valves, Gasoline	01/1988-12/1991	1590 cc	75.00 X 90.00	4 cyl	CRX Si, Civic Si	
	D16Y5 L4 97CI /1.6Liter, SOHC, 16 Valves, Gasoline	01/1996-12/2000	1590 cc	75.00 X 90.00	4 cyl	Civic	
	D16Y7 L4 97CI /1.6Liter, SOHC, 16 Valves, Gasoline	01/1996-12/2000	1590 cc	75.00 X 90.00	4 cyl	Civic, Del Sol S	
	D16Y8 L4 97CI /1.6Liter, SOHC, 16 Valves, Gasoline	01/1996-12/2000	1590 cc	75.00 X 90.00	4 cyl	Civic, Del Sol Si	
	D16Z6 L4 97CI /1.6Liter, SOHC, 16 Valves, Gasoline	01/1992-12/1995	1590 cc	75.00 X 90.00	4 cyl	Civic, Del Sol Si	
CR4046AM STD/.25/.5/.75/1.0 ACL:4B1956 CLE:CB-1461AL(4) DAI:R9750A FMO:4-4470P GLA:B4761LC GLY:71-4358/4 NDC:CB-2208GP OEM:13213-PG6-003 OEM:13211-13217-PR3-004	C4046	4 Pairs		1.7707/ 1.7717 44.976/ 45.001	1.8898/ 1.8906 48.001/ 48.021	0.7280 18.49	0.0591 1.501
MB5568AM STD/.25/.5/.75/1.0/1.5 ACL:5M1957 CLE:MS-1804P DAI:M9900K FMO:7102M GLA:M5554LC NDC:MS-2208GP OEM:13326-P2F-A01 OEM:13032-13038-PH3-S10	M5568	5 Pairs		2.1644/ 2.1653 54.976/ 54.999	2.3228/ 2.3238 58.999/ 59.025	0.7870 19.99	0.0793 2.014
TW 140AM STD ACL:1T1957 CLE:TW- 473S DAI:T 990A FMO:1826AF GLA:W2407SA NDC:TW-2208GP OEM:13014-PG6-S10	W 140	1 Pair		2.4016/ 2.4114 61.001/ 61.250	3.2283/ 3.2382 81.999/ 82.250	0.0000 0.00	0.0984 2.499
11	B16A2 L4 97CI /1.6Liter, DOHC, 16 Valves, Gasoline	01/1996-12/2000	1595 cc	81.00 X 77.45	4 cyl	CIVIC Si,del SOL VTEC	11

HONDA				HONDA			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
B16A3 L4 97CI /1.6Liter, DOHC, 16 Valves, Gasoline	01/1994-12/1995	1595 cc	81.00 X 77.40	4 cyl	del SOL,VTEC		
CR4242AM STD/.25/.5/.75/1.0 ACL:4B1910 CLE:CB-1777P(4) OEM:13211-P2F-A01	C4242	4 Pairs		1.7707/ 1.7716 44.976/ 44.999	1.8898/ 1.8907 48.001/ 48.024	0.7600 19.30	0.0591 1.501
MB5259AM STD/.25/.5/.75/1.0 ACL:5M1959 CLE:MS-2095P DAI:M9750K FMO:7324M NDC:MS-2215GP OEM:13321-PR3-003 OEM:13032-13038-PR3-S10	M5259U M5259L	5 Pairs		2.1646/ 2.1654 54.981/ 55.001	2.3228/ 2.3236 58.999/ 59.019	0.7900 20.07	0.0787 1.999
TW 140AM STD ACL:1T1957 CLE:TW- 473S DAI:T 990A FMO:1826AF GLA:W2407SA NDC:TW-2208GP OEM:13014-PG6-S10	W 140	1 Pair		2.4016/ 2.4114 61.001/ 61.250	3.2283/ 3.2382 81.999/ 82.250	0.0000 0.00	0.0984 2.499
12 EY L4 98CI /1.6Liter, SOHC, 8 Valves, Gasoline	06/1983-10/1986	1598 cc	80.00 X 79.50	4 cyl	Accord 1600		12
MB5168AM STD/.25/.5/.75/1.0/1.25/1.5 <i>Was MB 570AM, MB 573AM</i> ACL:5M1952 CLE:MS-2012P DAI:M9950K FMO:7103M GLA:M5555LC NDC:MS-2213GP OEM:13325-PTO-004 OEM:13321-13327-PC6-003VAN:VPM92642LC	M5168	5 Pairs		1.9676/ 1.9685 49.977/ 50.000	2.1260/ 2.1269 54.000/ 54.023	0.7870 19.99	0.0787 1.999
TW 110AM STD ACL:1T1952 CLE:TW- 327S DAI:T9800A FMO:67341AF GLA:W2287SA GLY:67341AF NDC:TW-1134GP OEM:13331-634-003 OEM:13014-PD1-S10 VAN:VPW95080	W 110	1 Pair		2.2047/ 2.2146 55.999/ 56.251	3.0709/ 3.0807 78.001/ 78.250	0.0000 0.00	0.0984 2.499
13 D17A1 L4 102CI /1.7Liter, SOHC, 16 Valves, Gasoline	01/2001-12/2005	1668 cc	75.00 X 94.40	4 cyl	Civic DX, LX		13
D17A2 L4 102CI /1.7Liter, SOHC, 16 Valves, Gasoline	01/2001-12/2005	1668 cc	75.00 X 94.40	4 cyl	Civic EX, HX		
CR4512SI STD/.25/.5/.75/1.0 ACL:4B1980 OEM: 13211-PMM-A01	C4512	4 Pairs		1.7707/ 1.7717 44.976/ 45.001	1.8898/ 1.8907 48.001/ 48.024	0.6100 15.49	0.0590 1.499
MB5568AM STD/.25/.5/.75/1.0/1.5 ACL:5M1957 CLE:MS-1804P DAI:M9900K FMO:7102M GLA:M5554LC NDC:MS-2208GP OEM:13326-P2F-A01 OEM:13032-13038-PH3-S10	M5568	5 Pairs		2.1644/ 2.1653 54.976/ 54.999	2.3228/ 2.3238 58.999/ 59.025	0.7870 19.99	0.0793 2.014
TW 140AM STD ACL:1T1957 CLE:TW- 473S DAI:T 990A FMO:1826AF GLA:W2407SA NDC:TW-2208GP OEM:13014-PG6-S10	W 140	1 Pair		2.4016/ 2.4114 61.001/ 61.250	3.2283/ 3.2382 81.999/ 82.250	0.0000 0.00	0.0984 2.499
14 EC L4 91CI /1.5Liter, SOHC, 8 Valves, Gasoline	11/1974-10/1979	1487 cc	74.00 X 86.50	4 cyl	Civic, Civic (Canada)		14
ED1,ED2,ED3,ED4 L4 91CI /1.5Liter, SOHC, 8 Valves, Gasoline	12/1974-12/1978	1487 cc	74.00 X 86.50	4 cyl	Civic		
EM1 L4 91CI /1.5Liter, SOHC, 8 Valves, Gasoline	06/1979-10/1983	1487 cc	74.00 X 86.50	4 cyl	Civic, CRX		
EF1 L4 98CI /1.6Liter, SOHC, 12 Valves, Gasoline	04/1976-10/1986	1599 cc	74.00 X 93.00	4 cyl	Accord, Civic		
EG L4 98CI /1.6Liter, SOHC, 12 Valves, Gasoline	01/1978-12/1979	1599 cc	74.00 X 93.00	4 cyl	Accord (Canada)		
EP L4 98CI /1.6Liter, SOHC, 8 Valves, Gasoline	02/1980-10/1986	1602 cc	77.00 X 86.00	4 cyl	Civic		
EL1 L4 98CI /1.6Liter, SOHC, 8 Valves, Gasoline	01/1982-12/1983	1602 cc	77.00 X 86.00	4 cyl	Accord (Canada)		
EK, EK1 L4 107CI /1.8Liter, SOHC, 12 Valves, Gasoline	09/1978-06/1983	1751 cc	77.00 X 94.00	4 cyl	Accord, Prelude		
CR4463AM STD/.25/.5/.75/1.0/1.25/1.5	C4463	4 Pairs		1.6526/ 1.6535	1.7717/ 1.7726	0.6890	0.0590

HONDA				HONDA				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
ACL:4B1951 DAI:R 982K1 GLA:B4592SA OEM:13211642000 OEM:13211~13217-642-003/004VAN:VPR91787	CLE:CB-1223AL (4) FMO:4-67345CP NDC:CB-1142			41.976/ 41.999	45.001/ 45.024	17.50	1.499	
MB5168AM STD/.25/.5/.75/1.0/1.25/1.5 <i>Was MB 570AM, MB 573AM</i>	M5168	5 Pairs		1.9676/ 1.9685 49.977/ 50.000	2.1260/ 2.1269 54.000/ 54.023	0.7870 19.99	0.0787 1.999	
ACL:5M1952 DAI:M9950K GLA:M5555LC OEM:13325-PTO-004 OEM:13321~13327-PC6-003VAN:VPM92642LC	CLE:MS-2012P FMO:7103M NDC:MS-2213GP							
TW 110AM STD	W 110	1 Pair		2.2047/ 2.2146 55.999/ 56.251	3.0709/ 3.0807 78.001/ 78.250	0.0000 0.00	0.0984 2.499	
ACL:1T1952 DAI:T9800A GLA:W2287SA NDC:TW-1134GP OEM:13014-PD1-S10	CLE:TW- 327S FMO:67341AF GLY:67341AF OEM:13331-634-003 VAN:VPW95080							
15	R18A1 L4 110CI /1.8Liter, SOHC, 16 Valves, Gasoline	01/2006- 12/2009	1798 cc	81.00 X 87.30	4 cyl	Civic DX, EX, LX	15	
CR4400CP STD/.25/.5/.75/1.0 OEM:13213-RNA-A01 x 8	C4400	4 Pairs		1.7707/ 1.7716 44.976/ 44.999	0.0000/ 1.8929 0.000/ 48.080	0.5840 14.83	0.0590 1.499	
MB5428CP STD/.25/.5/.75/1.0 OEM:13324-RNA-A02+13344-RNA-A01	M5428U M5428L	5 Pairs		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 2.3257 0.000/ 59.073	0.7050 17.91	0.0790 2.007	
16	A18A1 L4 112CI /1.8Liter, SOHC, 12 Valves, Gasoline	06/1985- 09/1989	1829 cc	80.00 X 91.00	4 cyl	Prelude	16	
	ES,ES2,ES3 L4 112CI /1.8Liter, SOHC, 12 Valves, Gasoline	11/1982- 04/1987	1829 cc	80.00 X 91.00	4 cyl	Accord, Prelude		
	ET1,ET2 L4 112CI /1.8Liter, SOHC, 12 Valves, Gasoline	06/1983- 10/1986	1829 cc	80.00 X 91.00	4 cyl	Prelude		
	A20A1,A20A3 L4 119CI /2.0Liter, SOHC, 12 Valves, Gasoline	04/1987- 12/1989	1955 cc	82.70 X 91.00	4 cyl	Accord, Prelude		
	BS1 V4 119CI /2.0Liter, SOHC, 12 Valves, Gasoline	01/1985- 12/1986	1955 cc	82.70 X 91.00	4 cyl	Prelude Si		
CR 439AM STD/.25/.5/.75/1.0 ACL:4B1946 DAI:R 989K GLA:B4777LC OEM:1316-PC6-003 OEM:13211~13217-PC6-003/004	C 439	4 Pairs		1.7707/ 1.7716 44.976/ 44.999	1.8898/ 1.8907 48.001/ 48.024	0.7680 19.51	0.0591 1.501	
ACL:4B1946 DAI:R 989K GLA:B4777LC OEM:1316-PC6-003 OEM:13211~13217-PC6-003/004	CLE:CB-1353AL (4) FMO:4-1495CP NDC:CB-2200GP							
MB5168AM STD/.25/.5/.75/1.0/1.25/1.5 <i>Was MB 570AM, MB 573AM</i>	M5168	5 Pairs		1.9676/ 1.9685 49.977/ 50.000	2.1260/ 2.1269 54.000/ 54.023	0.7870 19.99	0.0787 1.999	
ACL:5M1952 DAI:M9950K GLA:M5555LC OEM:13325-PTO-004 OEM:13321~13327-PC6-003VAN:VPM92642LC	CLE:MS-2012P FMO:7103M NDC:MS-2213GP							
TW 110AM STD	W 110	1 Pair		2.2047/ 2.2146 55.999/ 56.251	3.0709/ 3.0807 78.001/ 78.250	0.0000 0.00	0.0984 2.499	
ACL:1T1952 DAI:T9800A GLA:W2287SA NDC:TW-1134GP OEM:13014-PD1-S10	CLE:TW- 327S FMO:67341AF GLY:67341AF OEM:13331-634-003 VAN:VPW95080							
17	B20A3 L4 119CI /2.0Liter, SOHC, 12 Valves, Gasoline	01/1988- 12/1990	1958 cc	81.00 X 95.00	4 cyl	Prelude	17	
CR 439AM STD/.25/.5/.75/1.0 ACL:4B1946 DAI:R 989K GLA:B4777LC OEM:1316-PC6-003 OEM:13211~13217-PC6-003/004	C 439	4 Pairs		1.7707/ 1.7716 44.976/ 44.999	1.8898/ 1.8907 48.001/ 48.024	0.7680 19.51	0.0591 1.501	
ACL:4B1946 DAI:R 989K GLA:B4777LC OEM:1316-PC6-003 OEM:13211~13217-PC6-003/004	CLE:CB-1353AL (4) FMO:4-1495CP NDC:CB-2200GP							
MB5568AM STD/.25/.5/.75/1.0/1.5 ACL:5M1957 DAI:M9900K GLA:M5554LC OEM:13326-P2F-A01 OEM:13032~13038-PH3-S10	M5568	5 Pairs		2.1644/ 2.1653 54.976/ 54.999	2.3228/ 2.3238 58.999/ 59.025	0.7870 19.99	0.0793 2.014	
ACL:5M1957 DAI:M9900K GLA:M5554LC OEM:13326-P2F-A01 OEM:13032~13038-PH3-S10	CLE:MS-1804P FMO:7102M NDC:MS-2208GP							
TW 140AM STD ACL:1T1957 CLE:TW- 473S	W 140	1 Pair		2.4016/ 2.4114 61.001/ 61.250	3.2283/ 3.2382 81.999/ 82.250	0.0000 0.00	0.0984 2.499	

HONDA				HONDA			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
DAI:T 990A FMO:1826AF GLA:W2407SA NDC:TW-2208GP OEM:13014-PG6-S10							
18	B20B4 L4 120CI /2.0Liter, DOHC, 16 Valves, Gasoline	01/1997- 12/1998	1972 cc	84.00 X 89.00	4 cyl	CRV	18
	B20Z2 L4 120CI /2.0Liter, DOHC, 16 Valves, Gasoline	01/1999- 12/2001	1972 cc	84.00 X 89.00	4 cyl	CRV	
CR4046AM STD/.25/.5/.75/1.0 ACL:4B1956 CLE:CB-1461AL (4) DAI:R9750A FMO:4-4470P GLA:B4761LC GLY:71-4358/4 NDC:CB-2208GP OEM:13213-PG6-003 OEM:13211-13217-PR3-004	C4046	4 Pairs		1.7707/ 1.7717 44.976/ 45.001	1.8898/ 1.8906 48.001/ 48.021	0.7280 18.49	0.0591 1.501
MB5259AM STD/.25/.5/.75/1.0 ACL:5M1959 CLE:MS-2095P DAI:M9750K FMO:7324M NDC:MS-2215GP OEM:13321-PR3-003 OEM:13032-13038-PR3-S10	M5259U M5259L	5 Pairs		2.1646/ 2.1654 54.981/ 55.001	2.3228/ 2.3236 58.999/ 59.019	0.7900 20.07	0.0787 1.999
TW 140AM STD ACL:1T1957 CLE:TW- 473S DAI:T 990A FMO:1826AF GLA:W2407SA NDC:TW-2208GP OEM:13014-PG6-S10	W 140	1 Pair		2.4016/ 2.4114 61.001/ 61.250	3.2283/ 3.2382 81.999/ 82.250	0.0000 0.00	0.0984 2.499
19	B20A5 L4 119CI /2.0Liter, DOHC, 16 Valves, Gasoline	01/1988- 12/1991	1958 cc	81.00 X 95.00	4 cyl	Prelude	19
	B21A1 L4 125CI /2.1Liter, DOHC, 16 Valves, Gasoline	01/1990- 12/1991	2056 cc	83.00 X 95.00	4 cyl	Prelude	
CR4033AM STD/.25/.5/.75/1.0 ACL:4B1936 CLE:CB-1456AL (4) DAI:R 991K FMO:4-1825CP GLA:B4762LC NDC:CB-2213GP OEM:13215-P13-014 OEM:13211-13217-PH3-003	C4033	4 Pairs		1.8888/ 1.8898 47.976/ 48.001	2.0079/ 2.0088 51.001/ 51.024	0.7680 19.51	0.0594 1.509
MB5568AM STD/.25/.5/.75/1.0/1.5 ACL:5M1957 CLE:MS-1804P DAI:M9900K FMO:7102M GLA:M5554LC NDC:MS-2208GP OEM:13326-P2F-A01 OEM:13032-13038-PH3-S10	M5568	5 Pairs		2.1644/ 2.1653 54.976/ 54.999	2.3228/ 2.3238 58.999/ 59.025	0.7870 19.99	0.0793 2.014
TW 140AM STD ACL:1T1957 CLE:TW- 473S DAI:T 990A FMO:1826AF GLA:W2407SA NDC:TW-2208GP OEM:13014-PG6-S10	W 140	1 Pair		2.4016/ 2.4114 61.001/ 61.250	3.2283/ 3.2382 81.999/ 82.250	0.0000 0.00	0.0984 2.499
20	H22A4 L4 132CI /2.2Liter, DOHC, 16 Valves, Gasoline	01/1997- 12/2001	2157 cc	87.00 X 90.70	4 cyl	ACCORD, Prelude	20
CR4033CA STD/.25 ACL:4B1912 CLE:CB1780P	C4033U C4033L	4 Pairs		1.8888/ 1.8898 47.976/ 48.001	2.0079/ 2.0088 51.001/ 51.024	0.7680 19.51	0.0594 1.509
MB5568AM STD/.25/.5/.75/1.0/1.5 ACL:5M1957 CLE:MS-1804P DAI:M9900K FMO:7102M GLA:M5554LC NDC:MS-2208GP OEM:13326-P2F-A01 OEM:13032-13038-PH3-S10	M5568	5 Pairs		2.1644/ 2.1653 54.976/ 54.999	2.3228/ 2.3238 58.999/ 59.025	0.7870 19.99	0.0793 2.014
TW 140AM STD ACL:1T1957 CLE:TW- 473S DAI:T 990A FMO:1826AF GLA:W2407SA NDC:TW-2208GP OEM:13014-PG6-S10	W 140	1 Pair		2.4016/ 2.4114 61.001/ 61.250	3.2283/ 3.2382 81.999/ 82.250	0.0000 0.00	0.0984 2.499
21	F22A1,F22A4 L4 132CI /2.2Liter, SOHC, 16 Valves, Gasoline	01/1990- 12/1996	2156 cc	85.00 X 95.00	4 cyl	Accord DX, Accord EX, Accord LX, Accord SE, Prelude 2.2S, Prelude S	21
	F22B1 L4 132CI /2.2Liter, SOHC, 16 Valves, Gasoline	01/1994- 12/1997	2156 cc	85.00 X 95.00	4 cyl	Accord	
	F22B2 L4 132CI /2.2Liter, SOHC, 16 Valves, Gasoline	01/1994- 12/1997	2156 cc	85.00 X 95.00	4 cyl	Accord	
	F22B6 L4 132CI /2.2Liter, SOHC, 16 Valves, Gasoline	01/1995-	2156 cc	85.00 X 95.00	4 cyl	Odyssey	

HONDA				HONDA				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
	16 Valves, Gasoline F22A6 L4 132CI /2.2Liter, SOHC, 16 Valves, Gasoline	12/1997 01/1990-12/1996	2156 cc	85.00 X 95.00	4 cyl	Prelude		
	16 Valves, Gasoline H22A1 L4 132CI /2.2Liter, DOHC, 16 Valves, Gasoline	01/1993-12/1996	2157 cc	87.00 X 90.70	4 cyl	Prelude		
	16 Valves, Gasoline H23A1 L4 138CI /2.3Liter, DOHC, 16 Valves, Gasoline	01/1992-12/1996	2259 cc	87.00 X 95.00	4 cyl	Prelude		
CR4033AM STD/.25/.5/.75/1.0	C4033	4 Pairs		1.8888/ 1.8898 47.976/ 48.001	2.0079/ 2.0088 51.001/ 51.024	0.7680 19.51	0.0594 1.509	
ACL: 4B1936 CLE: CB-1456AL (4) DAI: R 991K FMO: 4-1825CP GLA: B4762LC NDC: CB-2213GP OEM: 13215-P13-014 OEM: 13211-13217-PH3-003								
MB5168AM STD/.25/.5/.75/1.0/1.25/1.5 Was MB 570AM, MB 573AM	M5168	5 Pairs		1.9676/ 1.9685 49.977/ 50.000	2.1260/ 2.1269 54.000/ 54.023	0.7870 19.99	0.0787 1.999	
ACL: 5M1952 CLE: MS-2012P DAI: M9950K FMO: 7103M GLA: M5555LC NDC: MS-2213GP OEM: 13325-PTO-004 OEM: 13321-13327-PC6-003VAN: VPM92642LC								
TW 152AM	W 152	1 Pair		0.0000/ 2.2641 0.000/ 57.508	3.0713/ 0.0000 78.011/ 0.000	0.0000 0.00	0.0980 2.489	
ACL: 1T1937 CLE: TW- 587S DAI: T9950A FMO: 1203BF NDC: TW-2213A OEM: 13331-PT0-003								
22	4ZE1 L4 Isuzu 156CI /2.6Liter, SOHC, 8 Valves, Gasoline	01/1994-12/1996	2559 cc	92.60 X 95.00	4 cyl	Passport	22	
CR4141AM STD/.25/.5/.75/1.0/1.25/1.5 <i>SUPERSEDED BY CR4141SI</i>	C4141	4 Pairs		1.9262/ 1.9268 48.925/ 48.941	2.0466/ 2.0472 51.984/ 51.999	0.8710 22.12	0.0596 1.514	
GLA: B4787SA OEM: 8-94101-041-0								
MB5586AM STD/.25/.5/.75/1.0	M5586 M5559	5 Pairs		2.2016/ 2.2020 55.921/ 55.931	2.3614/ 2.3622 59.980/ 60.000	0.8610 21.87	0.0791 2.009	
ACL: 5M1824 CLE: MS-1821AL DAI: M5523A FMO: 7320M GLA: M5602SA NDC: MS-1627GP OEM: 8-94320-176-0 OEM: 8-94340-684-0								
TW 118AM STD	W 118	1 Pair		2.5098/ 2.5197 63.749/ 64.000	3.1575/ 3.1673 80.201/ 80.449	0.0000 0.00	0.0929 2.360	
ACL: 1T3286/1T1824 CLE: TW- 451S DAI: T 500A FMO: 3571BF GLA: W2188SA K.S: TW-1616A NDC: TW-1616A OEM: 8-94210-750-1 VAN: VPM95068								
23	C27A4 V6 163CI /2.7Liter, SOHC, 24 Valves, Gasoline	01/1995-12/1997	2675 cc	87.00 X 75.00	6 cyl	Accord	23	
CR6738AM STD/.25/.5/.75/1.0	C6738	6 Pairs		2.0463/ 2.0472 51.976/ 51.999	2.1654/ 2.1663 55.001/ 55.024	0.6890 17.50	0.0592 1.504	
ACL: 6B1935 CLE: CB-1457P (6) DAI: R 998K FMO: 6-4480P GLA: B6643LC NDC: CB-2210GP OEM: 13022-P0G-A00 OEM: 13211-13215-PH7-013								
MB4057AM STD/.25/.5/.75	M4057U M4057L	4 Pairs		2.5187/ 2.5197 63.975/ 64.000	2.7172/ 2.7181 69.017/ 69.040	0.7870 19.99	0.0807 2.050	
ACL: 4M1933								
24	6VD1 V6 Isuzu 193CI /3.2Liter, SOHC, 24 Valves, Gasoline	01/1994-12/1997	3165 cc	93.40 X 77.00	6 cyl	Passport	24	
	6VD1 V6 Isuzu 193CI /3.2Liter, DOHC, 24 Valves, Gasoline	01/1998-12/2002	3165 cc	93.40 X 77.00	6 cyl	Passport		
CR6685AM STD/.25/.5/.75/1.0	C6685	6 Pairs	1-6	2.1229/ 2.1235 53.922/ 53.937	2.2434/ 2.2441 56.982/ 57.000	0.6732 17.10	0.0597 1.516	
ACL: 6B1840 CLE: CB-1830P (6) FMO: 6-4920P OEM: 8-97072-986-0								
MB4010AM STD/.25/.5/.75/1.0	M4010/1	2 Pairs	1,4	2.5165/ 2.5170 63.919/ 63.932	2.7157/ 2.7165 68.979/ 68.999	0.7299 18.54	0.0992 2.520	
ACL: 4M1842 CLE: MS-2236P FMO: 7408M OEM: 8-92064-016-0								
	M4010A M4010B	2 Pairs	2,3	2.5165/ 2.5170 63.919/ 63.932	2.7157/ 2.7165 68.979/ 68.999	0.6512 16.54	0.0992 2.520	
TW 171AM STD	W 171	1 Pair		2.7953/ 2.8051 71.001/ 71.250	3.8405/ 3.8504 97.549/ 97.800	0.0000 0.00	0.0770 1.956	
ACL: 1T1842 CLE: TW- 615S FMO: 4922F OEM: 8-97014-208-0								

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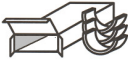




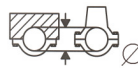


Engine-Code	Years	Cyl	CC	Line
D16A6 (1.6L) SOHC 16 Valve	1988-91	4	1590	1
D16Y5 (1.6L) SOHC 16 Valve	1996-00	4	1590	1
D16Y7 (1.6L) SOHC 16 Valve	1996-00	4	1590	1
D16Y8 (1.6L) SOHC 16 Valve	1996-00	4	1590	1
D16Z6 (1.6L) SOHC 16 Valve	1992-95	4	1590	1
ZC (1.6L) SOHC VTEC	1992-95	4	1590	1
ZC (1.6L) DOHC	1988-91	4	1590	1
B16A2 (1.6L) DOHC 16 Valve	1996-00	4	1595	2
B16A3 (1.6L) DOHC 16 Valve	1994-95	4	1595	2
A18A1 (1.8L) SOHC 12 Valve	6/1985-	4	1829	4
ES1, ES2, ES3 (1.8L) SOHC 12	11/1982-	4	1829	4
ET1, ET2 (1.8L) SOHC 12 Valve	6/1983-	4	1829	4
B18B1 (1.8L) DOHC 16 Valve	1994-	4	1834	3
A20A1, A20A2, A20A3 (2.0L)	4/1987-	4	1955	4
BS1 (2.0L) SOHC 12 Valve	1985-86	4	1955	4
BT \ BT1 (2.0L) SOHC 12 Valve	1985-87	4	1955	4
B20A3 (2.0L) SOHC 12 Valve	1988-90	4	1958	4
B20A3 (2.0L) SOHC 12 Valve	1988-90	4	1958	5
B20A5 (2.0L) DOHC 16 Valve	1988-91	4	1958	8

Engine-Code	Years	Cyl	CC	Line
B20B4 (2.0L) DOHC 16 Valve	1997-98	4	1997	6
B20Z2 (2.0L) DOHC 16 Valve	1999-	4	1997	6
K20A3 (2.0L) DOHC 16 Valve	2002-06	4	1998	7
K20A2 (2.0L) DOHC 16 Valve	2002-05	4	1998	12
K20Z1 (2.0L) DOHC 16 Valve	2005-06	4	1998	12
F20C1 (2.0L) DOHC 16 Valve	1999-	4	2000	10
B21A1 (2.1L) DOHC 16 Valve	1990-91	4	2056	8
H22A1 (2.2L) DOHC 16 Valve	1993-96	4	2157	9
H22A4 (2.2L) DOHC 16 Valve	1997-01	4	2157	9
F22C1 (2.2L) DOHC 16 Valve	2004-	4	2200	10
F23A1 (2.3L) SOHC 16 Valve	1998-02	4	2254	11
F23A4 (2.3L) SOHC 16 Valve	1998-02	4	2254	11
F23A5 (2.3L) SOHC 16 Valve	1998-02	4	2254	11
F23A7 (2.3L) SOHC 16 Valve	1998	4	2254	11
K23A1 (2.3L) DOHC 16 Valve	2007-10	4	2300	12
K24A2 (2.4L) DOHC 16 Valve	2004-09	4	2354	12
K24Z3 (2.4L) DOHC 16 Valve	2009-10	4	2354	12






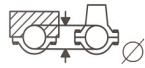


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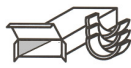


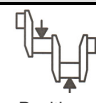

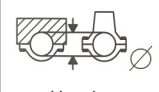


Model	Engine	Years	Cyl	CC	Line
Accord	F23A1 (2.3L)		4	2254	11
Accord	F23A4 (2.3L)		4	2254	11
Accord DX	F23A5 (2.3L)		4	2254	11

Model	Engine	Years	Cyl	CC	Line
Odyssey	F23A7 (2.3L)		4	2254	11

HONDA PERFORMANCE					HONDA PERFORMANCE										
															
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness								
1	D16A6 (1.6L) SOHC 16 Valve	1988-91	1590 cc	75.00 X 90.00	4 cyl										1
	D16Y5 (1.6L) SOHC 16 Valve	1996-00	1590 cc	75.00 X 90.00	4 cyl										
	D16Y7 (1.6L) SOHC 16 Valve	1996-00	1590 cc	75.00 X 90.00	4 cyl										
	D16Y8 (1.6L) SOHC 16 Valve	1996-00	1590 cc	75.00 X 90.00	4 cyl										
	D16Z6 (1.6L) SOHC 16 Valve	1992-95	1590 cc	75.00 X 90.00	4 cyl										
	ZC (1.6L) SOHC VTEC	1992-95	1590 cc	75.00 X 90.00	4 cyl										
	ZC (1.6L) DOHC	1988-91	1590 cc	75.00 X 90.00	4 cyl										
CR4046XP ^{STD/.25}	C4046	4 Pairs		1.7709/ 1.7717 44.981/ 45.001	1.8898/ 1.8905 48.001/ 48.019	0.7280 18.49	0.0590 1.499								
MB5568XP ^{STD/.25}	M5568-PR	5 Pairs		2.1646/ 2.1654 54.981/ 55.001	2.3228/ 2.3236 58.999/ 59.019	0.7870 19.99	0.0788 2.002								
TW 140AM ^{STD}	W 140	1 Pair		2.4016/ 2.4114 61.001/ 61.250	3.2283/ 3.2382 81.999/ 82.250	0.0000 0.00	0.0984 2.499								

HONDA PERFORMANCE					HONDA PERFORMANCE				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
DAI:T 990A FMO:1826AF GLA:W2407SA NDC:TW-2208GP OEM:13014-PG6-S10									
2	B16A2 (1.6L) DOHC 16 Valve VTEC	1996-00	1595 cc	81.00 X 77.50	4 cyl			2	
	B16A3 (1.6L) DOHC 16 Valve VTEC	1994-95	1595 cc	81.00 X 77.50	4 cyl				
CR 439XP_{STD/.25/STDX} ACL:4B1949H CLE:CB-1353H FMO:4-7195CH		C 439	4 Pairs			1.7707/ 1.7716 44.976/ 44.999	1.8898/ 1.8907 48.001/ 48.024	0.7680 19.51	0.0591 1.501
MB5259XP_{STD/.25/.5/STDX} ACL:5M1959H FMO:159M		M5259U/PR M5259L/PR	5 Pairs			2.1646/ 2.1654 54.981/ 55.001	2.3228/ 2.3236 58.999/ 59.019	0.7900 20.07	0.0787 1.999
TW 140AM_{STD} ACL:1T1957 CLE:TW- 473S DAI:T 990A FMO:1826AF GLA:W2407SA NDC:TW-2208GP OEM:13014-PG6-S10		W 140	1 Pair			2.4016/ 2.4114 61.001/ 61.250	3.2283/ 3.2382 81.999/ 82.250	0.0000 0.00	0.0984 2.499
3	B18B1 (1.8L) DOHC 16 Valve	1994-2001	1834 cc	81.00 X 89.00	4 cyl			3	
	CR 439XP_{STD/.25/STDX} ACL:4B1949H CLE:CB-1353H FMO:4-7195CH	C 439	4 Pairs			1.7707/ 1.7716 44.976/ 44.999	1.8898/ 1.8907 48.001/ 48.024	0.7680 19.51	0.0591 1.501
MB5259XP_{STD/.25/.5/STDX} ACL:5M1959H FMO:159M		M5259U/PR M5259L/PR	5 Pairs			2.1646/ 2.1654 54.981/ 55.001	2.3228/ 2.3236 58.999/ 59.019	0.7900 20.07	0.0787 1.999
TW 140AM_{STD} ACL:1T1957 CLE:TW- 473S DAI:T 990A FMO:1826AF GLA:W2407SA NDC:TW-2208GP OEM:13014-PG6-S10		W 140	1 Pair			2.4016/ 2.4114 61.001/ 61.250	3.2283/ 3.2382 81.999/ 82.250	0.0000 0.00	0.0984 2.499
4	A18A1 (1.8L) SOHC 12 Valve	6/1985-9/89	1829 cc	80.00 X 91.00	4 cyl			4	
	ES1, ES2, ES3 (1.8L) SOHC 12 Valve	11/1982-4/87	1829 cc	80.00 X 91.00	4 cyl				
	ET1, ET2 (1.8L) SOHC 12 Valve	6/1983-10/86	1829 cc	80.00 X 91.00	4 cyl				
	A20A1, A20A2, A20A3 (2.0L) SOHC 12 Valve	4/1987-89	1955 cc	82.70 X 91.00	4 cyl				
	BS1 (2.0L) SOHC 12 Valve	1985-86	1955 cc	82.70 X 91.00	4 cyl				
	BT \ BT1 (2.0L) SOHC 12 Valve	1985-87	1955 cc	82.70 X 91.00	4 cyl				
	B20A3 (2.0L) SOHC 12 Valve	1988-90	1958 cc	81.00 X 95.00	4 cyl				
CR 439XP_{STD/.25/STDX} ACL:4B1949H CLE:CB-1353H FMO:4-7195CH		C 439	4 Pairs			1.7707/ 1.7716 44.976/ 44.999	1.8898/ 1.8907 48.001/ 48.024	0.7680 19.51	0.0591 1.501
5	B20A3 (2.0L) SOHC 12 Valve	1988-90	1958 cc	81.00 X 95.00	4 cyl			5	
	CR 439XP_{STD/.25/STDX} ACL:4B1949H CLE:CB-1353H FMO:4-7195CH	C 439	4 Pairs			1.7707/ 1.7716 44.976/ 44.999	1.8898/ 1.8907 48.001/ 48.024	0.7680 19.51	0.0591 1.501
MB5568XP_{STD/.25} ACL:5M1957H FMO:160M		M5568-PR	5 Pairs			2.1646/ 2.1654 54.981/ 55.001	2.3228/ 2.3236 58.999/ 59.019	0.7870 19.99	0.0788 2.002
TW 140AM_{STD} ACL:1T1957 CLE:TW- 473S DAI:T 990A FMO:1826AF GLA:W2407SA NDC:TW-2208GP OEM:13014-PG6-S10		W 140	1 Pair			2.4016/ 2.4114 61.001/ 61.250	3.2283/ 3.2382 81.999/ 82.250	0.0000 0.00	0.0984 2.499
6	B20B4 (2.0L) DOHC 16 Valve	1997-98	1997 cc	84.00 X 89.00	4 cyl			6	
	B20Z2 (2.0L) DOHC 16 Valve	1999-2001	1997 cc	84.00 X 89.00	4 cyl				
CR4046XP_{STD/.25} ACL:4B1956H		C4046	4 Pairs			1.7709/ 1.7717 44.981/ 45.001	1.8898/ 1.8905 48.001/ 48.019	0.7280 18.49	0.0590 1.499
MB5259XP_{STD/.25/.5/STDX} ACL:5M1959H FMO:159M		M5259U/PR M5259L/PR	5 Pairs			2.1646/ 2.1654 54.981/ 55.001	2.3228/ 2.3236 58.999/ 59.019	0.7900 20.07	0.0787 1.999
TW 140AM_{STD} ACL:1T1957 CLE:TW- 473S DAI:T 990A FMO:1826AF GLA:W2407SA NDC:TW-2208GP		W 140	1 Pair			2.4016/ 2.4114 61.001/ 61.250	3.2283/ 3.2382 81.999/ 82.250	0.0000 0.00	0.0984 2.499

HONDA PERFORMANCE					HONDA PERFORMANCE			
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
OEM:13014-PG6-S10								
7	K20A3 (2.0L) DOHC 16 Valve	2002-06	1998 cc	86.00 X 86.00	4 cyl		7	
	CR4541XP _{STD/.25/.5} ACL:4B1906H	C4541-PR	4 Pairs	1-4	1.7707/ 1.7717 44.976/ 45.001	1.8898/ 1.8907 48.001/ 48.024	0.6102 15.50	0.0591 1.501
	MB5259XP _{STD/.25/.5/STDX} ACL:5M1959H FMO:159M	M5259U/PR M5259L/PR	5 Pairs		2.1646/ 2.1654 54.981/ 55.001	2.3228/ 2.3236 58.999/ 59.019	0.7900 20.07	0.0787 1.999
	TW 140AM _{STD} ACL:1T1957 CLE:TW- 473S DAI:T 990A FMO:1826AF GLA:W2407SA NDC:TW-2208GP OEM:13014-PG6-S10	W 140	1 Pair		2.4016/ 2.4114 61.001/ 61.250	3.2283/ 3.2382 81.999/ 82.250	0.0000 0.00	0.0984 2.499
8	B20A5 (2.0L) DOHC 16 Valve	1988-91	1958 cc	81.00 X 95.00	4 cyl		8	
	B21A1 (2.1L) DOHC 16 Valve	1990-91	2056 cc	83.00 X 95.00	4 cyl			
	CR4033XP _{STD/.25/STDX} ACL:4B1912H	C4033-PR	4 Pairs		1.8890/ 1.8898 47.981/ 48.001	2.0080/ 2.0088 51.003/ 51.024	0.7638 19.40	0.0589 1.496
	MB5568XP _{STD/.25} ACL:5M1957H FMO:160M	M5568-PR	5 Pairs		2.1646/ 2.1654 54.981/ 55.001	2.3228/ 2.3236 58.999/ 59.019	0.7870 19.99	0.0788 2.002
	TW 140AM _{STD} ACL:1T1957 CLE:TW- 473S DAI:T 990A FMO:1826AF GLA:W2407SA NDC:TW-2208GP OEM:13014-PG6-S10	W 140	1 Pair		2.4016/ 2.4114 61.001/ 61.250	3.2283/ 3.2382 81.999/ 82.250	0.0000 0.00	0.0984 2.499
9	H22A1 (2.2L) DOHC 16 Valve	1993-96	2157 cc	87.00 X 90.70	4 cyl		9	
	H22A4 (2.2L) DOHC 16 Valve	1997-01	2157 cc	87.00 X 90.70	4 cyl			
	CR4033XP _{STD/.25/STDX} ACL:4B1912H	C4033-PR	4 Pairs		1.8890/ 1.8898 47.981/ 48.001	2.0080/ 2.0088 51.003/ 51.024	0.7638 19.40	0.0589 1.496
	TW 140AM _{STD} ACL:1T1957 CLE:TW- 473S DAI:T 990A FMO:1826AF GLA:W2407SA NDC:TW-2208GP OEM:13014-PG6-S10	W 140	1 Pair		2.4016/ 2.4114 61.001/ 61.250	3.2283/ 3.2382 81.999/ 82.250	0.0000 0.00	0.0984 2.499
10	F20C1 (2.0L) DOHC 16 Valve	1999-2003	2000 cc	87.00 X 84.00	4 cyl		10	
	F22C1 (2.2L) DOHC 16 Valve	2004-2009	2200 cc	87.00 X 90.70	4 cyl			
	CR4033XP _{STD/.25/STDX} ACL:4B1912H	C4033-PR	4 Pairs		1.8890/ 1.8898 47.981/ 48.001	2.0080/ 2.0088 51.003/ 51.024	0.7638 19.40	0.0589 1.496
	MB5673XP _{STD/.25/STDX} <i>Under Development</i> ACL:5M1913H	M5673-PR	5 Pairs	1-5	2.1644/ 2.1654 54.976/ 55.001	2.3622/ 2.3630 60.000/ 60.020	0.7870 19.99	0.0986 2.504
	TW 140AM _{STD} ACL:1T1957 CLE:TW- 473S DAI:T 990A FMO:1826AF GLA:W2407SA NDC:TW-2208GP OEM:13014-PG6-S10	W 140	1 Pair		2.4016/ 2.4114 61.001/ 61.250	3.2283/ 3.2382 81.999/ 82.250	0.0000 0.00	0.0984 2.499
11	F23A1 (2.3L) SOHC 16 Valve	1998-02	2254 cc	86.00 X 97.00	4 cyl	Accord	11	
	F23A4 (2.3L) SOHC 16 Valve	1998-02	2254 cc	86.00 X 97.00	4 cyl	Accord		
	F23A5 (2.3L) SOHC 16 Valve	1998-02	2254 cc	86.00 X 97.00	4 cyl	Accord DX		
	F23A7 (2.3L) SOHC 16 Valve VTEC	1998	2254 cc	86.00 X 97.00	4 cyl	Odyssey		
	CR4541XP _{STD/.25/.5} ACL:4B1906H	C4541-PR	4 Pairs	1-4	1.7707/ 1.7717 44.976/ 45.001	1.8898/ 1.8907 48.001/ 48.024	0.6102 15.50	0.0591 1.501
	MB5568XP _{STD/.25} ACL:5M1957H FMO:160M	M5568-PR	5 Pairs		2.1646/ 2.1654 54.981/ 55.001	2.3228/ 2.3236 58.999/ 59.019	0.7870 19.99	0.0788 2.002
	TW 140AM _{STD} ACL:1T1957 CLE:TW- 473S DAI:T 990A FMO:1826AF GLA:W2407SA NDC:TW-2208GP OEM:13014-PG6-S10	W 140	1 Pair		2.4016/ 2.4114 61.001/ 61.250	3.2283/ 3.2382 81.999/ 82.250	0.0000 0.00	0.0984 2.499
12	K20A2 (2.0L) DOHC 16 Valve VTEC	2002-05	1998 cc	86.00 X 86.00	4 cyl		12	
	K20Z1 (2.0L) DOHC 16 Valve VTEC	2005-06	1998 cc	86.00 X 86.00	4 cyl			

HONDA PERFORMANCE					HONDA PERFORMANCE				
									
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
K23A1 (2.3L) DOHC 16 Valve Turbo	2007-10	2300 cc	86.00 X 99.00	4 cyl					
K24A2 (2.4L) DOHC 16 Valve VTEC	2004-09	2354 cc	87.00 X 99.00	4 cyl					
K24Z3 (2.4L) DOHC 16 Valve	2009-10	2354 cc	87.00 X 99.00	4 cyl					
CR4542XP _{STD/.25/.5} ACL: 4B1972H	C4542-PR	4 Pairs		1.8890/ 1.8898 47.981/ 48.001	2.0080/ 2.0088 51.003/ 51.024	0.6060 15.39	0.0591 1.501		
MB5259XP _{STD/.25/.5/STDX} ACL: 5M1959H FMO: 159M	M5259U/PR M5259L/PR	5 Pairs		2.1646/ 2.1654 54.981/ 55.001	2.3228/ 2.3236 58.999/ 59.019	0.7900 20.07	0.0787 1.999		
TW 140AM _{STD} ACL: 1T1957 CLE: TW- 473S DAI: T 990A FMO: 1826AF GLA: W2407SA NDC: TW-2208GP OEM: 13014-PG6-S10	W 140	1 Pair		2.4016/ 2.4114 61.001/ 61.250	3.2283/ 3.2382 81.999/ 82.250	0.0000 0.00	0.0984 2.499		

Engine Index: HUMBER




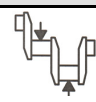
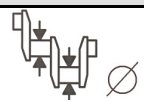
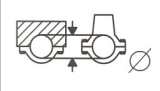


Engine-Code	Years	Cyl	CC	Line
1592		4	1592	1
1725		4	1725	2
1725i		4	1725	2

Engine-Code	Years	Cyl	CC	Line
1725ii		4	1725	2

Car Model Index: HUMBER

Model	Engine	Years	Cyl	CC	Line
Sceptre	1725	1963-65	4	1725	2
Sceptre	1725i	1966-76	4	1725	2
Sceptre	1725ii	1966-76	4	1725	2

Model	Engine	Years	Cyl	CC	Line
Sceptre 1.6 Litre	1592	1963-65	4	1592	1

HUMBER					HUMBER				
									
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
1	1592			1592 cc	81.54 X 76.20	4 cyl	Sceptre 1.6 Litre		1
CS 312BB FMO: 1535M GLA: C3032S VAN: VPC928									
PB 124CP GLA: S4595L									
TW 237AM ACL: 2T7062 FMO: 1732BF GLA: W2004SA GLY: A269/4 OEM: 825111M1									
2	1725			1725 cc	81.54 X 82.59	4 cyl	Sceptre		2

HUMBER				HUMBER			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1725i			1725 cc	81.54 X 82.55	4 cyl	Sceptre	
1725ii			1725 cc	81.54 X 82.55	4 cyl	Sceptre	
CR4409AM STD/040/050 ACL: 4B1531 CLE: CB- 856AL (4) FMO: 4-65365 GLA: B4431SA OEM: 75221794 VAN: VPR91214A	C4409	4 Pairs		2.1255/ 2.1260 53.988/ 54.000	2.2710/ 2.2715 57.683/ 57.696	0.7550 19.18	0.0722 1.834
CS 312BB FMO: 1535M GLA: C3032S VAN: VPC928							
MB 525AM 040/050 CLE: MS- 30AL FMO: 6102M GLA: M5227M OEM: 5112800 VAN: VPM91215A	M 525/1	3 Pairs	1-3-5	2.3740/ 2.3745 60.300/ 60.312	2.5197/ 2.5205 64.000/ 64.021	1.3800 35.05	0.0723 1.836
	M 525/2	2 Pairs	2-4	2.3740/ 2.3745 60.300/ 60.312	2.5197/ 2.5205 64.000/ 64.021	0.7600 19.30	0.0723 1.836
PB 124CP GLA: S4595L							
TW 103AM CLE: TW- 184S FMO: 65367BF GLA: W2133L VAN: VPW28							

Engine Index: HYUNDAI

Engine-Code	Years	Cyl	CC	Line
G6AV		0	0	1
2.5 PETROL		0	0	2
2.5 DIESEL		0	0	3
D3EA 1.5 CRDi 3 CYL DIESEL		0	0	4
999cc	2000-05	4	999	5
1086cc SOHC 12V	2000-05	4	1086	5
4G36		4	1238	10
4G13	1991-95	4	1298	7
G13B		4	1298	7
N-ORION 1.3	1989-	4	1298	7
4G33 Mits. OHV	1984-87	4	1438	10
G4AJ Mits. SOHC 12 valve	1986-89	4	1468	7
G4DJ Mits. SOHC 8 valve	1990-94	4	1468	7
D4FA (DSL1.5)	12.2004-	4	1493	6
N-ORION 1.5	1989-	4	1495	7
G4AE Mits. SOHC 12 valve	1994-99	4	1495	8
G4EB Mits. SOHC 12 valve	2000-02	4	1495	8
G4EK Mits. SOHC 12 valve	1996-02	4	1495	8
G4CR Mits. DOHC 16 valve	1992-95	4	1595	10
4G32 Mits. SOHC 8 valve	1985-90	4	1597	10

Engine-Code	Years	Cyl	CC	Line
G4CM		4	1597	9
G4ED Mits. DOHC 16 valve	2001-05	4	1599	8
G4GM Mits. DOHC 16 valve	1996-98	4	1795	9
G4CN Mits. DOHC 16 valve	1993-95	4	1836	10
G4GC Mits. DOHC 16 valve	2001-05	4	1957	9
G4GF Mits. DOHC 16 valve	1997-00	4	1975	9
4G63 Mits. SOHC 8 valve	1985-89	4	1997	10
G4CP Mits. DOHC 16 valve	1992-98	4	1997	10
4D55, 4D55-T	1980-86	4	2346	12
G4CS Mits. SOHC 8 valve	1989-91	4	2351	10
G4JS Mits. DOHC 16 valve	1999-05	4	2351	11
4D56-T	1980-86	4	2476	12
6GAT Mits. SOHC 12 valve	1989-98	6	2972	13
G6CT DOHC 24 Valve	2001	6	2972	14
4D31-T	1982-95	5	3298	15
G6CU DOHC 24 Valve	2002-06	6	3467	16
6D16	9/1987-	6	7545	17
6D22A	1979-	6	11149	18









Car Model Index: HYUNDAI

Model	Engine	Years	Cyl	CC	Line
2400	G4CS Mits. SOHC		4	2351	10
7500 Tracks, Aero Midi	6D16		6	7545	17
ACCENT saloon (LC)	D3EA 1.5 CRDi 3	01.02	0		4
Accent	G4AE Mits. SOHC	1995-99	4	1495	8
Accent	G4EB Mits. SOHC	2000-02	4	1495	8
Accent	G4EK Mits. SOHC	1996-02	4	1495	8
Accent	D4FA (DSL1.5)	11.2005-	4	1493	6
Accent (LC) 1.5 CRDi	D3EA 1.5 CRDi 3	04.02	0		4

Model	Engine	Years	Cyl	CC	Line
Accent, Brio	G4ED Mits. DOHC		4	1599	8
Bus MP, Cement	6D22A		6	11149	18
Cargo, Tank & Dump	6D22A		6	11149	18
Concrete Mixer, Forklift	6D22A		6	11149	18
Coupe SX	G4GM Mits. DOHC	1996-	4	1795	9
Crane Car, Dump Truck	6D16		6	7545	17
Elantra	G4CR Mits. DOHC		4	1595	10
Elantra	4G32 Mits. SOHC	1992-95	4	1597	10

Model	Engine	Years	Cyl	CC	Line
Elantra	G4CN Mits. DOHC		4	1836	10
Elantra	G4GC Mits. DOHC	2004-05	4	1957	9
Elantra	G4GF Mits. DOHC	1999-05	4	1975	9
Elantra XD	G4GM Mits. DOHC	1996-98	4	1795	9
Epsilon	999cc		4	999	5
Epsilon	1086cc SOHC 12V		4	1086	5
Excel	N-ORION 1.3		4	1298	7
Excel	G4AJ Mits. SOHC		4	1468	7
Excel	G4DJ Mits. SOHC		4	1468	7
Excel	N-ORION 1.5		4	1495	7
Excel	4G32 Mits. SOHC	1986-90	4	1597	10
Excel, Pony	G13B		4	1298	7
GRANDEUR	G6AV		0		1
Galloper Turbo	4D55, 4D55-T		4	2346	12
Galloper Turbo	4D56-T		4	2476	12
Galloper Jeep, Porter	4D55, 4D55-T		4	2346	12
Getz	D4FA (DSL1.5)	08.2005-	4	1493	6
Getz (TB) 1.5 CRDI	D3EA 1.5 CRDI 3	03.03	0		4
Grace Van	4D55, 4D55-T		4	2346	12
H-100,D2-GRACE	2.5 PETROL		0		2
H-100,D2-GRACE	2.5 DIESEL		0		3
H100	G4CS Mits. SOHC		4	2351	10
Lantra	4G13		4	1298	7
Lantra	G4CM	1996-	4	1597	9
Lantra	G4GM Mits. DOHC	8/95-	4	1795	9

Model	Engine	Years	Cyl	CC	Line
MARCIA	G6AV		0		1
Matrix	D4FA (DSL1.5)	12.2004-	4	1493	6
Matrix (FC) 1.5 CRDI	D3EA 1.5 CRDI 3	10.01	0		4
Pony	4G36	-1978	4	1238	10
Pony, Stellar	4G33 Mits. OHV	1984-87	4	1438	10
Santa-Fe	G6CU DOHC 24		6	3467	16
Sante Fe, Sonata	G4JS Mits. DOHC	1999-05	4	2351	11
Scoupe	G4DJ Mits. SOHC		4	1468	7
Scoupe	G4AE Mits. SOHC	1993-95	4	1495	8
Scoupe Turbo	G4AE Mits. SOHC	1993-95	4	1495	8
Sonata	4G63 Mits. SOHC		4	1997	10
Sonata	G4CP Mits. DOHC		4	1997	10
Sonata	G4CS Mits. SOHC		4	2351	10
Sonata	6GAT Mits. SOHC	1989-98	6	2972	13
Sorento	G6CU DOHC 24		6	3467	16
Stellar, Pony	4G32 Mits. SOHC	1985-90	4	1597	10
Steller 2400	G4CS Mits. SOHC		4	2351	10
Tiburon	G4GM Mits. DOHC	1997	4	1795	9
Tiburon	G4GC Mits. DOHC	2001-04	4	1957	9
Tiburon	G4GF Mits. DOHC	1997-05	4	1975	9
Tractor FP	6D22A		6	11149	18
Truck Turbo	4D31-T		5	3298	15
XG300	G6CT DOHC 24		6	2972	14
XG350	G6CU DOHC 24		6	3467	16

HYUNDAI				HYUNDAI			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	G6AV				0 cyl	GRANDEUR, MARCIA	1
CR6629AM STD./25/.5/.75/1.0/1.25 ACL: 6B1140 CLE: CB-1411AL (6) DAI: R7708A FMO: 6-1735AP GLA: B6658 NDC: CB-1822 OEM: MD105277	C6629	6 Pairs		1.9674/ 1.9685 49.972/ 50.000	2.0866/ 2.0874 53.000/ 53.020	0.6060 15.39	0.0587 1.491
MB 458AM STD./25/.5/.75/1.0 ACL: 4M1149 CLE: MS-1720P DAI: M7285A FMO: 7090M GLA: M4289 GLY: 7090M K.S: MS-1822A NDC: MS-1822 OEM: MD357491 OEM: MD105269	M 458U M4016L	4 Pairs		2.3611/ 2.3622 59.972/ 60.000	2.5197/ 2.5205 64.000/ 64.021	0.7090 18.01	0.0783 1.989
2	2.5 PETROL				0 cyl	H-100,D2-GRACE	2
CR4235AM STD./25/.5/.75/1.0 ACL: 4B1206 OEM: 23060-23902	C4235	4 Pairs		1.7707/ 1.7713 44.976/ 44.991	1.8900/ 1.8904 48.006/ 48.016	0.8267 21.00	0.0590 1.499
MB5341AM <i>Under Development</i>	M 577U M5342L	4 Pairs	1-2-4-5	2.5976/ 2.5984 65.979/ 65.999	2.7559/ 2.7567 70.000/ 70.020	0.9840 24.99	0.0782 1.986
	F5228	1 Pair	3	2.5976/ 2.5984 65.979/ 65.999	2.7559/ 2.7567 70.000/ 70.020	1.2190 30.96	0.0782 1.986
3	2.5 DIESEL				0 cyl	H-100,D2-GRACE	3
CR4300AM <i>Under Development</i> OEM: 23611-42000	C4300	4 Pairs		2.0858/ 2.0866 52.979/ 53.000	2.2047/ 2.2055 55.999/ 56.020	0.9840 24.99	0.0590 1.499
MB5342AM Flange length: STD 30.96 mm (FI STD) ,0.25 30.06 mm (FI O/S 0.1mm), 0.5,0.75,1.0 31.21mm (FI O/S 0.25mm) OEM: 21020-42030	M 577 M5342L	4 Pairs	1-2-4-5	2.5976/ 2.5984 65.979/ 65.999	2.7559/ 2.7567 70.000/ 70.020	0.9840 24.99	0.0782 1.986
	F5342U F5342L	1 Pair	3	2.5976/ 2.5984 65.979/ 65.999	2.7559/ 2.7567 70.000/ 70.020	1.2190 30.96	0.0782 1.986
4	D3EA 1.5 CRDi 3 CYL DIESEL				0 cyl	ACCENT saloon (LC) 1.5	4

HYUNDAI				HYUNDAI			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
						CRDI, Accent (LC) 1.5 CRDI, Getz (TB) 1.5 CRDI, Matrix (FC) 1.5 CRDI	
CR 341SI OEM: 23060-27900	C 341	3 Pairs		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 2.0889 0.000/ 53.058	0.8660 22.00	0.0580 1.473
MB4106AM STD/.25/.5/.75/1.0 OEM: 21020-27905	M5270 M4106L	3 Pairs		0.0000/ 0.0000 0.000/ 0.000	2.5197/ 2.5202 64.000/ 64.013	0.8510 21.62	0.0781 1.984
	F4106U F4106L	1 Pair		0.0000/ 0.0000 0.000/ 0.000	2.5197/ 2.5202 64.000/ 64.013	1.0704 27.19	0.0780 1.981
5	999cc	2000-05	999 cc	66.00 X 73.00	4 cyl	Epsilon	5
	1086cc SOHC 12V	2000-05	1086 cc	67.00 X 77.00	4 cyl	Epsilon	
CR4378SI STD/.25/.5/.75/1.0	C4378	4 Pairs		1.4955/ 1.4961 37.986/ 38.001	1.6128/ 1.6138 40.965/ 40.991	0.5750 14.61	0.0590 1.499
MB5641SI STD/.25/.5/.75/1.0	M5641U M5641L	5 Pairs		1.6522/ 1.6533 41.966/ 41.994	1.8105/ 1.8115 45.987/ 46.012	0.6350 16.13	0.0780 1.981
	W5641	1 Pair		1.8460/ 1.8660 46.888/ 47.396	2.2950/ 2.3150 58.293/ 58.801	0.0000 0.00	0.0980 2.489
6	D4FA (DSL1.5)	12.2004-	1493 cc	75.00 X 84.50	4 cyl	Accent, Getz, Matrix	6
CR4522XA STD/.25/.5/.75 OEM: 23060 2A912	C4522U C4522L	4 Pairs		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.0000 0.000
MB5657SI STD/.25/.5 OEM: 21020 2A923	M5657U M5657L	4 Pairs	1-2-4-5	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.0000 0.000
	F5657U F5657L	1 Pair	3	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.0000 0.000
7	4G13	1991-95	1298 cc	71.00 X 82.00	4 cyl	Lantra	7
	G13B		1298 cc	71.00 X 82.00	4 cyl	Excel, Pony	
	N-ORION 1.3	1989-	1298 cc	71.00 X 82.00	4 cyl	Excel	
	G4AJ Mits. SOHC 12 valve	1986-89	1468 cc	75.50 X 82.00	4 cyl	Excel	
	G4DJ Mits. SOHC 8 valve	1990-94	1468 cc	75.50 X 82.00	4 cyl	Excel, Scoupe	
	N-ORION 1.5	1989-	1495 cc	75.50 X 83.50	4 cyl	Excel	
CR4049AM STD/.25/.5/.75/1.0 <i>From 8/88 on engines</i> ACL: 4B1130 CLE: CB-1588AL (4) DAI: R7264A FMO: 4-4475 GLA: B4793LC NDC: CB-1825A OEM: MD332497 OEM: MD143090	C4049	4 Pairs		1.6527/ 1.6535 41.979/ 41.999	1.7717/ 1.7725 45.001/ 45.022	0.6151 15.62	0.0588 1.494
CR4497AM STD/.25/.5/.75/1.0/1.25 <i>From 79-7/88 engines</i> ACL: 4B1736 CLE: CB-1278AL (4) DAI: R7263A FMO: 4-3955RA GLA: B46095A GLY: 01-4257/4 NDC: CB-1169A OEM: 23060-21124 OEM: MD030516 VAN: VPR92041A	C4497	4 Pairs		1.6527/ 1.6535 41.979/ 41.999	1.7717/ 1.7725 45.001/ 45.022	0.6940 17.63	0.0588 1.494
MB 521AM STD/.25/.5/.75/1.0 <i>Positions 1,2,4,5 upper half is full grooved, lower half is partial grooved, position # 3 partial groove. The set includes 2 flanged halves. Flange length:</i> <i>STD 23.95 mm (FI STD)</i> <i>0.25 - 24.05 mm (FI oversize 0.1mm)</i> <i>0.25, 0.75 - 24.20 mm (FI oversize 0.25 mm)</i> <i>1.0, 1.25, 1.5 - 24.45 mm (FI oversize 0.5 mm)</i> ACL: 5M1737 ~ CLE: MS-1668P DAI: M7264A FMO: 6630M ~ GLA: M5463SA NDC: MS-1818 OEM: MD030126 OEM: MD030126 VAN: VPM92447A	M 521U M 521L	4 Pairs	1-2-4-5	1.8890/ 1.8898 47.981/ 48.001	2.0472/ 2.0480 51.999/ 52.019	0.7531 19.13	0.0783 1.989
	F 521	1 Pair	3	1.8890/ 1.8898 47.981/ 48.001	2.0472/ 2.0480 51.999/ 52.019	0.9430 23.95	0.0783 1.989
MB5237AM STD/.25/.5/.75/1.0 <i>For use in USA. Same as MB 521AM, but with Flange STD in all undersizes. Flange length: 23.95 mm</i>	M 521U M 521L	4 Pairs	1-2-4-5	1.8890/ 1.8898 47.981/ 48.001	2.0472/ 2.0480 51.999/ 52.019	0.7531 19.13	0.0783 1.989
	F5237	1 Pair	3	1.8890/ 1.8898	2.0472/ 2.0480	0.9430	0.0783

HYUNDAI					HYUNDAI				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
ACL: SM1124 FMO: 6630M	CLE: MS-2075P OEM: MD030573			47.981/ 48.001	51.999/ 52.019	23.95	1.989		
8	G4AE Mits. SOHC 12 valve G4AE -1994-99 G4AE Turbo -1993-95	1994-99	1495 cc	75.50 X 83.50	4 cyl	Accent, Scoupe, Scoupe Turbo	8		
	G4EB Mits. SOHC 12 valve	2000-02	1495 cc	75.50 X 83.50	4 cyl	Accent			
	G4EK Mits. SOHC 12 valve	1996-02	1495 cc	75.50 X 83.50	4 cyl	Accent			
	G4ED Mits. DOHC 16 valve	2001-05	1599 cc	76.50 X 87.00	4 cyl	Accent, Brio			
CR4157AM STD/.25/.5/.75 ACL: 4B1201 OEM: 23060-26640	C4157	4 Pairs		1.7710/1.7717 44.983/45.1401	1.8899/ 1.8905 48.003/ 48.019	0.7520 19.10	0.0595 1.511		
MB5022AM STD/.25/.5/.75 Flange length: STD - 22.95 mm (FI STD) 0.25 - 23.05 mm (FI O/S 0.1mm) 0.50,0.75 - 23.20mm (FI O/S 0.25 mm) 1.0 - 23.45mm (FI O/S 0.5 mm) ACL: SM1202 OEM: 21020-26040	M5022U M5022L	4 Pairs		1.9676/ 1.9682 49.977/ 49.992	2.1260/ 2.1268 54.000/ 54.021	0.7140 18.14	0.0785 1.994		
	F5022U F5022L	1 Pair		1.9676/ 1.9682 49.977/ 49.992	2.1260/ 2.1268 54.000/ 54.021	0.9020 22.91	0.0785 1.994		
9	G4CM		1597 cc	76.90 X 86.00	4 cyl	Lantra	9		
	G4GM Mits. DOHC 16 valve	1996-98	1795 cc	82.00 X 85.00	4 cyl	Coupe SX, Elantra XD, Lantra, Tiburon			
	G4GC Mits. DOHC 16 valve	2001-05	1957 cc	82.00 X 93.50	4 cyl	Elantra, Tiburon			
	G4GF Mits. DOHC 16 valve	1997-00	1975 cc	82.00 X 93.50	4 cyl	Elantra, Tiburon			
CR4235AM STD/.25/.5/.75/1.0 ACL: 4B1206 OEM: 23060-23902	C4235	4 Pairs		1.7707/ 1.7713 44.976/ 44.991	1.8900/ 1.8904 48.006/ 48.016	0.8267 21.00	0.0590 1.499		
MB5256AM STD/.25/.5/.75/1.0 ACL: SM1204 OEM: 21010-23140	M5256/1U M5256/1L	4 Pairs	1,2,4,5	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	0.8270 21.01	0.0784 1.991		
	M5256/3	1 Pair	3	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	0.8270 21.01	0.0784 1.991		
10	4G36		1238 cc	73.00 X 74.00	4 cyl	Pony	10		
	4G33 Mits. OHV	1984-87	1438 cc	73.00 X 86.00	4 cyl	Pony, Stellar			
	G4CR Mits. DOHC 16 valve	1992-95	1595 cc	82.30 X 75.00	4 cyl	Elantra			
	4G32 Mits. SOHC 8 valve	1985-90	1597 cc	76.90 X 86.00	4 cyl	Elantra, Excel, Stellar, Pony			
	G4CN Mits. DOHC 16 valve	1993-95	1836 cc	81.50 X 88.00	4 cyl	Elantra			
	4G63 Mits. SOHC 8 valve	1985-89	1997 cc	85.00 X 88.00	4 cyl	Sonata			
	G4CP Mits. DOHC 16 valve	1992-98	1997 cc	85.00 X 88.00	4 cyl	Sonata			
	G4CS Mits. SOHC 8 valve	1989-91	2351 cc	86.50 X 100.00	4 cyl	2400, H100, Sonata, Stellar 2400			
CR4481AM STD/.25/.5/.75/1.0/1.5 For 1983-3/92 engines ACL: 4B1146 DAI: R7265A GLA: B4543SA NDC: CB-1085 VAN: VPR91628A	C4481	4 Pairs		1.7709/ 1.7717 44.981/ 45.001	1.8899/ 1.8904 48.003/ 48.016	0.9290 23.60	0.0588 1.494		
	CLE: CB-1120AL (4) FMO: 4-3485CP GLY: 71-4143/4 OEM: MD002813								
MB 524AM STD/.25/.5/.75/1.0 With full groove in upper & partial groove in lower regular halves. Flanged bearing is not grooved. . Flange length: STD - 28.96 mm (FI STD) 0.25 - 29.06 mm (FI O/S 0.1mm) 0.50,0.75 - 29.21mm (FI O/S 0.25 mm) 1.0,1.25,1.5 - 29.46mm (FI O/S 0.5 mm) ACL: SM1144 ~ DAI: M7280A GLA: M5558SA NDC: MS-1821GP OEM: MD002343	M 524U M 524L	4 Pairs	1-2-4-5	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	0.9090 23.09	0.0784 1.991		
	F 524	1 Pair	3	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	1.1400 28.96	0.0784 1.991		
	CLE: MS-2043 FMO: 5058M GLY: 5103M OEM: MD002273 VAN: VPM04011 ~								
MB5227AM STD/.25/.5/.75/1.0 flange STD length in all undersizes . ACL: SM1144 FMO: 5103M	M 524U M 524L	4 Pairs	1-2-4-5	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	0.9090 23.09	0.0784 1.991		
	F5227	1 Pair	3	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	1.1400 28.96	0.0784 1.991		

HYUNDAI				HYUNDAI			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
11	G4JS Mits. DOHC 16 valve	1999-05	2351 cc	86.50 X 100.00	4 cyl	Sante Fe, Sonata	11
CR4120AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:4B1185 CLE:CB-1643P (4) DAI:R7281A FMO:4-4700 NDC:CB-1827A OEM:MD178648-650	C4120	4 Pairs		1.7709/ 1.7717 44.981/ 45.001	1.8898/ 1.8904 48.001/ 48.016	0.8268 21.00	0.0587 1.491
MB5315AM STD/.25/.5/.75/1.0 ACL:5M1219 FMO:7415M OEM:21020-38540	M5177U M5177L	5 Pairs	1-5	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	0.8120 20.62	0.0786 1.996
TW 173AM STD/.25 ACL:1T1219 FMO:4709F NDC:TW-1834A	W 173	1 Pair		2.4842/ 2.4941 63.099/ 63.350	3.1693/ 3.1791 80.500/ 80.749	0.0000 0.00	0.0830 2.108
12	4D55, 4D55-T	1980-86	2346 cc	91.10 X 90.00	4 cyl	Galloper Turbo, Galloper Jeep, Porter Truck, Grace Van	12
	4D56-T	1980-86	2476 cc	91.10 X 95.00	4 cyl	Galloper Turbo	
CR4466AM STD/.25/.5/.75/1.0/1.5 ACL:4B1136 CLE:CB-1220AL (4) DAI:R7270A FMO:4-66675CP GLA:B4559SA GLY:71-4194/4 NDC:CB-1131GP OEM:MD020891 OEM:AM15-11-SE0 VAN:VPR91683A	C4466	4 Pairs		2.0858/ 2.0866 52.979/ 53.000	2.2047/ 2.2055 55.999/ 56.020	0.9840 24.99	0.0590 1.499
MB 577AM STD/.25/.5/.75/1.0 Flange length: STD 30.96 mm (FI STD) 0.25 30.16 mm (FI O/S 0.1) 0.5, 0.75, 1.0 31.21mm (FI O/S 0.25mm) ACL:5M1134 CLE:MS-1430AL DAI:M7277A GLA:M5435SA NDC:MS-1131GP OEM:MD020381 VAN:VPM91684A	M 577 F 577	4 Pairs 1 Pair	1-2-4-5 3	2.5976/ 2.5984 65.979/ 65.999 2.5976/ 2.5984 65.979/ 65.999	2.7559/ 2.7567 70.000/ 70.020 2.7559/ 2.7567 70.000/ 70.020	0.9840 24.99 1.2190 30.96	0.0782 1.986 0.0782 1.986
MB5228AM STD/.25/.5/.75/1.0 same as MB 577AM, but with flange STD length in all undersizes. ACL:5M1137 CLE:MS-2069P FMO:6593M GLY:H1055/5	M 577 F5228	4 Pairs 1 Pair	1-2-4-5 3	2.5976/ 2.5984 65.979/ 65.999 2.5976/ 2.5984 65.979/ 65.999	2.7559/ 2.7567 70.000/ 70.020 2.7559/ 2.7567 70.000/ 70.020	0.9840 24.99 1.2190 30.96	0.0782 1.986 0.0782 1.986
13	6GAT Mits. SOHC 12 valve	1989-98	2972 cc	91.10 X 76.00	6 cyl	Sonata	13
CR6629AM STD/.25/.5/.75/1.0/1.25 ACL:6B1140 CLE:CB-1411AL (6) DAI:R7708A FMO:6-1735AP GLA:B6658 NDC:CB-1822 OEM:MD105277	C6629	6 Pairs		1.9674/ 1.9685 49.972/ 50.000	2.0866/ 2.0874 53.000/ 53.020	0.6060 15.39	0.0587 1.491
MB 458AM STD/.25/.5/.75/1.0 For use in USA. Upper half with full groove and one center oil hole. Lower half with partial groove and 2 oil holes. ACL:4M1149 CLE:MS-1720P DAI:M7285A FMO:7090M GLA:M4289 GLY:7090M K.S:MS-1822A NDC:MS-1822 OEM:MD357491 OEM:MD105269	M 458U M4016L	4 Pairs		2.3611/ 2.3622 59.972/ 60.000	2.5197/ 2.5205 64.000/ 64.021	0.7090 18.01	0.0783 1.989
MB4016AM STD/.25/.5/.75/1.0 DOHC (24V.) 1991-96 Upper half with full groove and 3 oil holes. Lower half with partial groove and 2 oil holes. CLE:MS-2226P FMO:7355M	M4016U M4016L	4 Pairs		2.3611/ 2.3622 59.972/ 60.000	2.5197/ 2.5205 64.000/ 64.021	0.7090 18.01	0.0783 1.989
14	G6CT DOHC 24 Valve	2001	2972 cc	91.10 X 76.00	6 cyl	XG300	14
CR6629AM STD/.25/.5/.75/1.0/1.25 ACL:6B1140 CLE:CB-1411AL (6) DAI:R7708A FMO:6-1735AP GLA:B6658 NDC:CB-1822 OEM:MD105277	C6629	6 Pairs		1.9674/ 1.9685 49.972/ 50.000	2.0866/ 2.0874 53.000/ 53.020	0.6060 15.39	0.0587 1.491
MB4016AM STD/.25/.5/.75/1.0 CLE:MS-2226P FMO:7355M	M4016U M4016L	4 Pairs		2.3611/ 2.3622 59.972/ 60.000	2.5197/ 2.5205 64.000/ 64.021	0.7090 18.01	0.0783 1.989
TW 247AM STD ACL:2T1149 CLE:TW- 458S DAI:T7285A FMO:1736AF K.S:TW-1822GP NDC:TW-1822GP OEM:MD116890	W 247D W 247E	2 Pairs		2.5984/ 2.6083 65.999/ 66.251	3.0590/ 3.0690 77.699/ 77.953	0.0000 0.00	0.0777 1.974

HYUNDAI					HYUNDAI				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
15	4D31-T	1982-95	3298 cc	100.00 X 105.00	5 cyl	Truck Turbo			15
CR4202CP DAI:R6029K GLA:M5559LC NDC:CB-1160GP FMO:4-1600CP GLY:71-4360/4 OEM:ME012205	C4202U C4202L	4 Pairs		0.0000/ 2.3608 0.000/ 59.964	2.5197/ 2.5204 64.000/ 64.018	1.3043 33.13	0.0787 1.999		
MB5074CP DAI:M6029K GLA:M5559LC NDC:MS-1807GP VAN:VPM92646LC FMO:7081M GLY:H1155/5 OEM:ME011530	M5074U M5074L	5 Pairs	1-5	0.0000/ 3.6890 0.000/ 93.701	3.2283/ 0.0000 81.999/ 0.000	1.0681 27.13	0.0790 2.007		
16	G6CU DOHC 24 Valve	2002-06	3467 cc	93.00 X 85.50	6 cyl	Santa-Fe, Sorento, XG350			16
CR6735AM STD/.25/.5/.75 ACL:6B1180 DAI:R7700K OEM:MD311928~32 CLE:CB-1832P NDC:CB-1842A	C6735	6 Pairs		2.1646/ 2.1653 54.981/ 54.999	2.2835/ 2.2842 58.001/ 58.019	0.6024 15.30	0.0587 1.491		
MB4050AM STD/.25/.5/.75 ACL:4M1183 DAI:M7700K OEM:21020-35750 CLE:MS-2238P NDC:MS-1842A OEM:MD197907~11	M4050U M4050L	4 Pairs	1-4	2.5190/ 2.5197 63.983/ 64.000	2.6772/ 2.6780 68.001/ 68.021	0.6732 17.10	0.0786 1.996		
17	6D16	9/1987-	7545 cc	118.00 X 115.00	6 cyl	7500 Tracks, Aero Midi Bus, Crane Car, Dump Truck			17
CR6725CP DAI:R6321K NDC:CB-1820GP VAN:VPR92753 GLA:B6656LC OEM:ME032016	C6725U C6725L	6 Pairs		0.0000/ 2.5567 0.000/ 64.940	2.7165/ 0.0000 68.999/ 0.000	1.3437 34.13	0.0787 1.999		
MB7043CP DAI:M6320K GLA:M7415LC OEM:ME999201 VAN:VPM92046 FMO:7182M NDC:MS-1145 OEM:ME031078	M7043U M7043L	7 Pairs	1-7	0.0000/ 3.1478 0.000/ 79.954	3.3465/ 3.3473 85.001/ 85.021	1.1075 28.13	0.0984 2.499		
18	6D22A	1979-	11149 cc	130.00 X 140.00	6 cyl	Bus MP, Cement Tanker, Cargo, Tank & Dump Trucks, Concrete Mixer, Forklift 40T, Tractor FP			18
CR 635CP <i>Under Development</i> DAI:R 609K NDC:CB-1803GP VAN:VPR92555 GLA:B6620LC OEM:30919-02101	C 635U C 635L	6 Pairs		0.0000/ 3.3043 0.000/ 83.929	3.5433/ 0.0000 90.000/ 0.000	1.7370 44.12	0.1181 3.000		
MB 710CP <i>Under Development</i> DAI:M6308K NDC:MS-1162GP VAN:VPM92553 GLA:M7452LC OEM:30909-00010	M 710U M 710L	7 Pairs	1-7	0.0000/ 3.9339 0.000/ 99.921	4.1732/ 0.0000 105.999/ 0.000	1.2260 31.14	0.1181 3.000		

Engine Index: HYUNDAI PERFORMANCE

Engine-Code	Years	Cyl	CC	Line
G4CR (1.6L) Mits. DOHC 16	1992-93	4	1595	1
G4CN (1.8L) Mits. DOHC 16	1993	4	1836	1
4G63 (2.0L) Mits. SOHC 8 valve	1985-89	4	1997	1
G4CP (2.0L) Mits. DOHC 16	1992-93	4	1997	1

Engine-Code	Years	Cyl	CC	Line
G4CS (2.4L) Mits. SOHC 8 valve	1989-91	4	2351	1
G4JS (2.4L) Mits. DOHC 16 valve	1999-05	4	2351	2

Car Model Index: HYUNDAI PERFORMANCE

Model	Engine	Years	Cyl	CC	Line
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HYUNDAI PERFORMANCE				HYUNDAI PERFORMANCE			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	G4CR (1.6L) Mits. DOHC 16 valve	1992-93	1595 cc	82.30 X 75.00	4 cyl		1
	G4CN (1.8L) Mits. DOHC 16 valve	1993	1836 cc	81.50 X 88.00	4 cyl		
	4G63 (2.0L) Mits. SOHC 8 valve	1985-89	1997 cc	85.00 X 88.00	4 cyl		
	G4CP (2.0L) Mits. DOHC 16 valve	1992-93	1997 cc	85.00 X 88.00	4 cyl		
	G4CS (2.4L) Mits. SOHC 8 valve	1989-91	2351 cc	86.50 X 100.00	4 cyl		
CR4481XP ^{STD/.25} years from 89 thru 3/92 ACL: 4B1146H	C4481/PR	4 Pairs		1.7713/ 1.7717 44.991/ 45.001	1.8898/ 1.8905 48.001/ 48.019	0.9250 23.50	0.0588 1.494
MB5227XP ^{STD/.25} ACL: 5M1144H	M5227U/PR	4 Pairs	1-2-4-5	2.2433/ 2.2441 56.980/ 57.000	2.4016/ 2.4024 61.001/ 61.021	0.9060 23.01	0.0783 1.989
	F5227/PR	1 Pair	3	2.2433/ 2.2441 56.980/ 57.000	2.4016/ 2.4024 61.001/ 61.021	1.1400 28.96	0.0783 1.989
2	G4JS (2.4L) Mits. DOHC 16 valve	1999-05	2351 cc	86.50 X 100.00	4 cyl		2
CR4120XP Years (from 4/92) ACL: 4B1185H	C4120/PR	4 Pairs		1.7709/ 1.7715 44.981/ 44.996	1.8897/ 1.8905 47.998/ 48.019	0.8310 21.11	0.0586 1.488
MB5315XP ^{STD/.25} ACL: 5M1219H	M5315U/PR M5315L/PR	5 Pairs	1-5	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	0.8270 21.01	0.0783 1.989
TW 173AM ^{STD/.25} ACL: 1T1219 FMO: 4709F NDC: TW-1834A	W 173	1 Pair		2.4842/ 2.4941 63.099/ 63.350	3.1693/ 3.1791 80.500/ 80.749	0.0000 0.00	0.0830 2.108

Engine Index: I.H.C.

Engine-Code	Years	Cyl	CC	Line
BC/D144,BD144A Diesel		4	2360	1
BD154 Diesel		4	2520	1
D155 Diesel		3	2535	2
D179 Diesel		3	2934	2
D206 Diesel		4	3380	3
D239 Diesel		4	3912	3
DT239 Diesel		4	3912	4
BD264 Diesel		4	4322	5
DT358 Diesel Turbocharged		6	5867	6

Engine-Code	Years	Cyl	CC	Line
D358 Diesel		6	5870	7
MV404 Diesel		8	6567	11
DT-402	78-	6	6580	8
V400 Diesel		8	6606	9
6.9L Diesel		8	6883	10
7.3L Diesel		8	7266	10
MV446 Diesel		8	7333	11

Car Model Index: I.H.C.






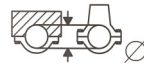


Model	Engine	Years	Cyl	CC	Line
1420,2826,3288	D358 Diesel		6	5870	7
1600-1800 Truck	MV404 Diesel		8	6567	11
1600-1800 Truck	MV446 Diesel		8	7333	11
240,125B,260,374,544,	D239 Diesel	1967-	4	3912	3
240,454,464,484,D523,	D239 Diesel	1965-72	4	3912	3
2400 A,B Series	D239 Diesel	1965-72	4	3912	3
2400 Loader	D239 Diesel	1965-72	4	3912	3

Model	Engine	Years	Cyl	CC	Line
2500 A,B Series	D239 Diesel	1967-	4	3912	3
2500 A,B Series	D239 Diesel	1967-	4	3912	3
2544,D745XL,D824A	D239 Diesel	1967-	4	3912	3
2706,2756 Tractors	D179 Diesel		3	2934	2
354, 364 Tractors	BC/D144,BD144A		4	2360	1
3654 SK Unit	D239 Diesel	1965-72	4	3912	3
3820 Series A	D179 Diesel		3	2934	2






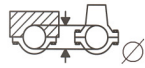


CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

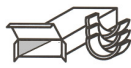







Model	Engine	Years	Cyl	CC	Line
3964B,3965B,3966B,39	D358 Diesel	1965-	6	5870	7
4500 Forklift	D239 Diesel	1965-72	4	3912	3
484A,240A,240AHS,245	D239 Diesel	1965-72	4	3912	3
500 Loader	BD154 Diesel	1963-	4	2520	1
5000,5500 Windrowers	D239 Diesel	1967-	4	3912	3
503 Payloader	D179 Diesel	1960-	3	2934	2
515 Loader	D358 Diesel	1965-	6	5870	7
531,630 Combines	D358 Diesel	1965-	6	5870	7
584, 686 Tractors	D179 Diesel		3	2934	2
640,D1046,D1055,3414	D358 Diesel	1965-	6	5870	7
7000 Fork Lift	BC/D144,BD144A		4	2360	1
7000 Fork Lift	BD154 Diesel	1963-	4	2520	1
706, 756 Tractors	D179 Diesel		3	2934	2
8-61,8-	D239 Diesel	1967-	4	3912	3
826,886,955XL Tractors	D358 Diesel	1965-	6	5870	7
9000 Fork Lift	D179 Diesel		3	2934	2
95 Harvester	D179 Diesel		3	2934	2
B238,B2424,B2444,B36	BD154 Diesel	1963-	4	2520	1
B250,B275,B2275,BTD	BC/D144,BD144A		4	2360	1
B414 Tractor	BC/D144,BD144A		4	2360	1
B414,B424,B434,B444,	BD154 Diesel	1963-	4	2520	1
B450 Tractor	BD264 Diesel	1952-	4	4322	5
BMD,BTD6,BTD100,BW	BD264 Diesel	1952-	4	4322	5






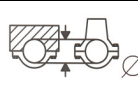


Model	Engine	Years	Cyl	CC	Line
C01800 Series Truck	MV404 Diesel		8	6567	11
C01800 Series Truck	MV446 Diesel		8	7333	11
C1710 Truck	MV404 Diesel		8	6567	11
C1710 Truck	MV446 Diesel		8	7333	11
Combine 953	DT358 Diesel	1972-	6	5867	6
D353,D383,D423,D433,	D179 Diesel	1960-	3	2934	2
D744,745XL,D824,2500	D239 Diesel	1967-	4	3912	3
F1700-1800 Truck	MV404 Diesel		8	6567	11
F1700-1800 Truck	MV446 Diesel		8	7333	11
Farmall 706, 756	D179 Diesel		3	2934	2
Farmall 826 Tractor	D358 Diesel		6	5870	7
Hydro 86 Tractors	D179 Diesel		3	2934	2
Pick-Up (1 Ton) Truck	V400 Diesel		8	6606	9
Pick-Up (1/2 Ton) Truck	V400 Diesel		8	6606	9
Pick-Up (3/4 Ton) Truck	V400 Diesel		8	6606	9
TD5 Tractor	BC/D144,BD144A		4	2360	1
TD7E PS Dozer	D239 Diesel	1967-	4	3912	3
TD7E,515B Loaders	D239 Diesel	1967-	4	3912	3
TD80, 100E Loaders	D239 Diesel	1967-	4	3912	3
Tractor	DT358 Diesel	1972-	6	5867	6
Travelall Truck	V400 Diesel		8	6606	9

I.H.C.				I.H.C.				
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
1	BC/D144,BD144A Diesel			2360 cc	85.73 X 101.60	4 cyl	354, 364 Tractors, 7000 Fork Lift, B250,B275,B2275,BTD5 Tractors, B414 Tractor, TD5 Tractor	
	BD154 Diesel			2520 cc	88.90 X 101.60	4 cyl	500 Loader, 7000 Fork Lift, B238,B2424,B2444,B364,B384,, B414,B424,B434,B444, Tractors	
	CR4038AM STD/010/020/030/040/050/060 GLA:B4297SA GLY:51-1302 OEM:3070536R11 VAN:VPR91860A	C4038	4 Pairs		1.7490/ 1.7500 44.425/ 44.450	1.8755/ 1.8760 47.638/ 47.650	1.0740 27.28	0.0620 1.575
	MB5577AM STD/010/020/030 1958- At STD - FL STD At 010,020 - FL .010" O/S At 030 on - FL 0.016" O/S CLE:MS- 614P FMO:4359M GLA:M5149SA GLY:H935/5 OEM:708912R91 VAN:VPM776	M5577U M5577L	4 Pairs	1-2-3-4	2.1240/ 2.1250 53.950/ 53.975	2.2955/ 2.2975 58.306/ 58.357	1.0720 27.23	0.0852 2.164
		F5577	1 Pair	5	2.1240/ 2.1250 53.950/ 53.975	2.2955/ 2.2975 58.306/ 58.357	1.3100 33.27	0.0852 2.164
2	D155 Diesel			2535 cc	98.43 X 111.13	3 cyl	2706,2756 Tractors, 3820 Series A, 503 Payloader, 584, 686 Tractors, 706, 756 Tractors, 9000 Fork Lift, 95 Harvester, D353,D383,D423,D433,D453,D533, Farmall 706, 756 Tractors, Hydro 86 Tractors	
	D179 Diesel			2934 cc	98.43 X 128.60	3 cyl		
	CR 196AM STD/.25/.5/.75/1.0/1.25 - 1975 Locating lug on right side. CLE:CB-1044P(1) GLA:B1080LC	C4472	1 Pair		2.5185/ 2.5193 63.970/ 63.990	2.6771/ 2.6779 67.998/ 68.019	1.2630 32.08	0.0778 1.976

CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

I.H.C.				I.H.C.			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
GLY:71-2438 VAN:VPR92198 OEM:3055351R91							
CR 314AM STD/010/020 <i>Same as CR 189AM, but pack in 3 Pairs.</i> CLE:CB-759AL (3) FMO:3-3325APA GLA:B3061SA	C4057	3 Pairs		2.7480/ 2.7490 69.799/ 69.825	2.9000/ 2.9010 73.660/ 73.685	1.1860 30.12	0.0750 1.905
CR 322AM <i>Same as CR1217AM, but pack in 3 Pairs.</i> CLE:CB-1193 (3)							
CR1217AM .25/.5/.75/1.0 <i>1975 - Locating lug on left side.</i> CLE:CB-1193P (1) FMO:1-65925CPA GLA:B1081LC GLY:71-3315 VAN:VPR92199	C4076	1 Pair		2.5185/ 2.5193 63.970/ 63.990	2.6772/ 2.6779 68.001/ 68.019	1.1811 30.00	0.0778 1.976
MB 437AM STD/.25/.5/.75 <i>Same as MB4087AM, but with flange oversize. Flange length: STD-36.5mm, 0.25-36.75mm, 0.5-37.00mm, 0.75/1.0/1.25-37.25mm</i> CLE:MS-1197AL FMO:6304M GLA:M4278LB GLY:72-2439 + 72-2440HOEM:3055130R21 VAN:VPM92200	M 581U M 581L	3 Pairs	1-2-3	3.1484/ 3.1492 79.969/ 79.990	3.3858/ 3.3865 85.999/ 86.017	1.0160 25.81	0.1170 2.972
	F 581U F 581L	1 Pair	4	3.1484/ 3.1492 79.969/ 79.990	3.3858/ 3.3865 85.999/ 86.017	1.4370 36.50	0.1170 2.972
MB4087AM STD <i>FL STD length in all undersizes.</i>	M 581U M 581L	3 Pairs	1-2-3	3.1484/ 3.1492 79.969/ 79.990	3.3858/ 3.3865 85.999/ 86.017	1.0160 25.81	0.1170 2.972
	F5368U F5368L	1 Pair	4	3.1484/ 3.1492 79.969/ 79.990	3.3858/ 3.3865 85.999/ 86.017	1.4370 36.50	0.1170 2.972
PB 102CP GLA:S2502L							
3	D206 Diesel		3380 cc	98.43 X 111.13	4 cyl		3
	D239 Diesel		3912 cc	98.43 X 128.60	4 cyl	240,125B,260,374,544,574,, 240,454,464,484,D523,D53 3,D633, 2400 A,B Series Tractors, 2400 Loader, 2500 A,B Series, 2500 A,B Series Tractors, 2544,D745XL,D824A Tractor, 3654 SK Unit, 4500 Forklift, 484A,240A,240AHS,2454G D454GD,, 5000,5500 Windrowers, 8-61,8- 71,321,421,431,8611120,, D744,745XL,D824,2500,25 102574,, TD7E PS Dozer, TD7E,515B Loaders, TD80, 100E Loaders	
CR 196AM STD/.25/.5/.75/1.0/1.25 <i>- 1975 Locating lug on right side.</i> CLE:CB-1044P (1) GLA:B1080LC GLY:71-2438 OEM:3055351R91 VAN:VPR92198	C4472	1 Pair		2.5185/ 2.5193 63.970/ 63.990	2.6771/ 2.6779 67.998/ 68.019	1.2630 32.08	0.0778 1.976
CR1217AM .25/.5/.75/1.0 <i>1975 - Locating lug on left side.</i> CLE:CB-1193P (1) FMO:1-65925CPA GLA:B1081LC GLY:71-3315 VAN:VPR92199	C4076	1 Pair		2.5185/ 2.5193 63.970/ 63.990	2.6772/ 2.6779 68.001/ 68.019	1.1811 30.00	0.0778 1.976
CR4076AM STD/.25/.5/.75 <i>1975 - Locating lug on left side. Same as CR1217AM, but pack in 4 Pairs.</i> CLE:CB-1193P (4) FMO:4-65925CPA							
CR4472AM STD/.25/.5/.75/1.0 <i>Locating lug on right side. Same as CR 196AM, but pack in 4 Pairs.</i> CLE:CB-1044AL (4) FMO:4-65925CP							

I.H.C.				I.H.C.				
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness	
MB 152AM STD/.25/.5/.75/1.0 <i>Regular components of MB 581AM packed in pairs.</i> GLA:M1013LB GLY: 72-2439 VAN: VPM92352								
MB 153AM STD/.25/.5/.75 <i>Flange components of MB 581AM packed in pairs.</i> GLA:M1014LB GLY: 72-2440H VAN: VPM92355								
MB 581AM STD/.25/.5/.75/1.0/1.25/1.5 <i>Same as MB5368AM, but with flange oversize.</i> <i>Flange length: STD-36.5mm, 0.25-36.75mm, 0.5-37.00mm, 0.75/1.0/1.25-37.25mm</i> CLE:MS-1198AL FMO: 6305M GLA:M5528LB VAN: VPM92201	F 581U	1 Pair	5	3.1484/ 3.1492 79.969/ 79.990	3.3858/ 3.3865 85.999/ 86.017	1.4370 36.50	0.1170 2.972	
	F 581L							
MB5368AM STD <i>FL STD length in all undersizes.</i>	M 581U	4 Pairs	1-2-3-4	3.1484/ 3.1492 79.969/ 79.990	3.3858/ 3.3865 85.999/ 86.017	1.0160 25.81	0.1170 2.972	
	M 581L							
MB5368AM STD <i>FL STD length in all undersizes.</i>	M 581U	4 Pairs	1-2-3-4	3.1484/ 3.1492 79.969/ 79.990	3.3858/ 3.3865 85.999/ 86.017	1.0160 25.81	0.1170 2.972	
	M 581L							
F5368U F5368L	F5368U	1 Pair	5	3.1484/ 3.1492 79.969/ 79.990	3.3858/ 3.3865 85.999/ 86.017	1.4370 36.50	0.1170 2.972	
	F5368L							
PB 102CP GLA:S2502L								
4	DT239 Diesel		3912 cc 98.43 X 128.60		4 cyl	4		
CR4076AM STD/.25/.5/.75 <i>1975 -</i> <i>Locating lug on left side.</i> CLE:CB-1193P (4) FMO: 4-65925CPA	C4076	4 Pairs		2.5185/ 2.5193 63.970/ 63.990	2.6772/ 2.6779 68.001/ 68.019	1.1811 30.00	0.0778 1.976	
CR4472AM STD/.25/.5/.75/1.0 <i>- 1975</i> <i>Locating lug on right side.</i> CLE:CB-1044AL (4) FMO: 4-65925CP	C4472	4 Pairs		2.5185/ 2.5193 63.970/ 63.990	2.6771/ 2.6779 67.998/ 68.019	1.2630 32.08	0.0778 1.976	
MB 581AM STD/.25/.5/.75/1.0/1.25/1.5 <i>Same as MB5368AM, but with flange oversize.</i> <i>Flange length: STD-36.5mm, 0.25-36.75mm, 0.5-37.00mm, 0.75/1.0/1.25-37.25mm</i> CLE:MS-1198AL FMO: 6305M GLA:M5528LB VAN: VPM92201	F 581U	1 Pair	5	3.1484/ 3.1492 79.969/ 79.990	3.3858/ 3.3865 85.999/ 86.017	1.4370 36.50	0.1170 2.972	
	F 581L							
MB5368AM STD <i>FL STD length in all undersizes.</i>	M 581U	4 Pairs	1-2-3-4	3.1484/ 3.1492 79.969/ 79.990	3.3858/ 3.3865 85.999/ 86.017	1.0160 25.81	0.1170 2.972	
	M 581L							
MB5368AM STD <i>FL STD length in all undersizes.</i>	M 581U	4 Pairs	1-2-3-4	3.1484/ 3.1492 79.969/ 79.990	3.3858/ 3.3865 85.999/ 86.017	1.0160 25.81	0.1170 2.972	
	M 581L							
F5368U F5368L	F5368U	1 Pair	5	3.1484/ 3.1492 79.969/ 79.990	3.3858/ 3.3865 85.999/ 86.017	1.4370 36.50	0.1170 2.972	
	F5368L							
5	BD264 Diesel		4322 cc 101.60 X 133.35		4 cyl	B450 Tractor, BMD,BTD6,BTD100,BWD6 Crawlers		
CR4221AM <i>Under Development</i> CLE:CB-1496AL (4) GLA:B4205SA VAN: VPR688A	C4221	4 Pairs		2.6225/ 2.6235 66.612/ 66.637	0.7750/ 2.7760 19.685/ 70.510	1.4492 36.81	0.0750 1.905	
MB 300AM <i>Under Development</i> CLE:MS- 31AL GLA:M3174SA VAN: VPM92371A	M 300	2 Pairs	1,3	2.8075/ 2.8085 71.311/ 71.336	3.0000/ 3.0010 76.200/ 76.225	1.5000 38.10	0.0950 2.413	
	F 300	1 Pair	2	2.8075/ 2.8085 71.311/ 71.336	3.0000/ 3.0010 76.200/ 76.225	2.1181 53.80	0.0950 2.413	
6	DT358 Diesel Turbocharged		5867 cc 98.43 X 128.50		6 cyl	Combine 953, Tractor D1246A,1255XL,Loader		
CR6665AM STD/.25/.5/.75 GLA:B6566LC GLY: 71-3520/6 OEM: 3132101R91 VAN: VPR92500LC	C6665	6 Pairs		2.5185/ 2.5193 63.970/ 63.990	2.6772/ 2.6779 68.001/ 68.019	1.2638 32.10	0.0778 1.976	
MB 780AM STD/.25/.5/.75/1.0/1.25/1.5 <i>Same as MB7110AM, but with flange oversize.</i> <i>Flange length: STD-36.5mm, 0.25-36.75mm, 0.5-37.00mm, 0.75/1.0/1.25-37.25mm</i> CLE:MS-1199AL FMO: 6306M GLA:M7461LB	M 581U	6 Pairs	1-2-3-4-5-6	3.1484/ 3.1492 79.969/ 79.990	3.3858/ 3.3865 85.999/ 86.017	1.0160 25.81	0.1170 2.972	
	M 581L							
F 581U F 581L	F 581U	1 Pair	7	3.1484/ 3.1492 79.969/ 79.990	3.3858/ 3.3865 85.999/ 86.017	1.4370 36.50	0.1170 2.972	
	F 581L							

I.H.C.				I.H.C.			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
MB7110AM <i>FL STD length in all undersizes.</i>	M 581U M 581L F5368U F5368L	6 Pairs 1 Pair	1-2-3-4- 5-6 7	3.1484/ 3.1492 79.969/ 79.990 3.1484/ 3.1492 79.969/ 79.990	3.3858/ 3.3865 85.999/ 86.017 3.3858/ 3.3865 85.999/ 86.017	1.0160 25.81 1.4370 36.50	0.1170 2.972 0.1170 2.972
7	D358 Diesel		5870 cc	98.43 X 128.50	6 cyl	1420,2826,3288 Tractors, 3964B,3965B,3966B,3984, 515 Loader, 531,630 Combines, 640,D1046,D1055,3414 Paloaders, 826,886,955XL Tractors, Farmall 826 Tractor	7
CR 196AM STD/.25/.5/.75/1.0/1.25 - 1975 <i>Locating lug on right side.</i> CLE:CB-1044P(1) GLA:B1080LC GLY:71-2438 OEM:3055351R91 VAN:VPR92198	C4472	1 Pair		2.5185/ 2.5193 63.970/ 63.990	2.6771/ 2.6779 67.998/ 68.019	1.2630 32.08	0.0778 1.976
CR 693AM STD/.25/.5/.75 <i>Locating lug on right side.</i> <i>Same as CR 196AM, but pack in 6 Pairs.</i> CLE:CB-1044P(6) FMO:6-65925CP GLA:B1080LCx6							
CR1217AM .25/.5/.75/1.0 1975 - <i>Locating lug on left side.</i> CLE:CB-1193P(1) FMO:1-65925CPA GLA:B1081LC GLY:71-3315 VAN:VPR92199	C4076	1 Pair		2.5185/ 2.5193 63.970/ 63.990	2.6772/ 2.6779 68.001/ 68.019	1.1811 30.00	0.0778 1.976
CR6720AM <i>Locating lug on left side.</i> <i>Same as CR1217AM, but pack in 6 Pairs.</i> CLE:CB-1193P(6)							
MB 780AM STD/.25/.5/.75/1.0/1.25/1.5 <i>Same as MB7110AM, but with flange oversize.</i> <i>Flange length: STD-36.5mm, 0.25-36.75mm, 0.5-37.00mm, 0.75/1.0/1.25-37.25mm</i> CLE:MS-1199AL FMO:6306M GLA:M7461LB	M 581U M 581L F 581U F 581L	6 Pairs 1 Pair	1-2-3-4- 5-6 7	3.1484/ 3.1492 79.969/ 79.990 3.1484/ 3.1492 79.969/ 79.990	3.3858/ 3.3865 85.999/ 86.017 3.3858/ 3.3865 85.999/ 86.017	1.0160 25.81 1.4370 36.50	0.1170 2.972 0.1170 2.972
MB7110AM <i>FL STD length in all undersizes.</i>	M 581U M 581L F5368U F5368L	6 Pairs 1 Pair	1-2-3-4- 5-6 7	3.1484/ 3.1492 79.969/ 79.990 3.1484/ 3.1492 79.969/ 79.990	3.3858/ 3.3865 85.999/ 86.017 3.3858/ 3.3865 85.999/ 86.017	1.0160 25.81 1.4370 36.50	0.1170 2.972 0.1170 2.972
PB 102CP GLA:S2502L							
8	DT-402	78-	6580 cc	100.00 X 139.70	6 cyl		8
CR6666AM STD/.25/.5 GLY:71-3624/6 OEM:3218422R91	C6666	6 Pairs		2.5185/ 2.5193 63.970/ 63.990	2.6771/ 2.6779 67.998/ 68.019	1.1850 30.10	0.0778 1.976
MB 780AM STD/.25/.5/.75/1.0/1.25/1.5 <i>Same as MB7110AM, but with flange oversize.</i> <i>Flange length: STD-36.5mm, 0.25-36.75mm, 0.5-37.00mm, 0.75/1.0/1.25-37.25mm</i> CLE:MS-1199AL FMO:6306M GLA:M7461LB	M 581U M 581L F 581U F 581L	6 Pairs 1 Pair	1-2-3-4- 5-6 7	3.1484/ 3.1492 79.969/ 79.990 3.1484/ 3.1492 79.969/ 79.990	3.3858/ 3.3865 85.999/ 86.017 3.3858/ 3.3865 85.999/ 86.017	1.0160 25.81 1.4370 36.50	0.1170 2.972 0.1170 2.972
MB7110AM <i>FL STD length in all undersizes.</i>	M 581U M 581L F5368U F5368L	6 Pairs 1 Pair	1-2-3-4- 5-6 7	3.1484/ 3.1492 79.969/ 79.990 3.1484/ 3.1492 79.969/ 79.990	3.3858/ 3.3865 85.999/ 86.017 3.3858/ 3.3865 85.999/ 86.017	1.0160 25.81 1.4370 36.50	0.1170 2.972 0.1170 2.972

I.H.C.					I.H.C.				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
9	V400 Diesel		6606 cc	105.97 X 93.68	8 cyl	Pick-Up (1 Ton) Truck, Pick-Up (1/2 Ton) Truck, Pick-Up (3/4 Ton) Truck, Travelall Truck	9		
CR 859AM <i>Under Development</i> ACL: 8B819P CLE: CB- 819P (8) FMO: 8-3385CP	C 859*	8 Pairs		2.2478/ 2.2485 57.094/ 57.112	2.3745/ 2.3750 60.312/ 60.325	0.8050 20.45	0.0623 1.582		
MB5518AM STD/010/020/030/040 ACL: 5M1041 CLE: MS-1041AL FMO: 5037M VAN: VPM91581	M5518U M5518L	4 Pairs	1-2-4-5	2.7472/ 2.7479 69.779/ 69.797	2.9410/ 2.9420 74.701/ 74.727	0.9280 23.57	0.0958 2.433		
	F5518U F5518L	1 Pair	3	2.7482/ 2.7489 69.804/ 69.822	2.9410/ 2.9420 74.701/ 74.727	1.2700 32.26	0.0958 2.433		
10	6.9L Diesel		6883 cc	101.60 X 106.17	8 cyl		10		
	7.3L Diesel		7266 cc	104.39 X 106.17	8 cyl				
CR 829CP STD/010/020/030/040 ACL: 8B1327P CLE: CB-1327 (8) FMO: 8-3810CP	C 829	8 Pairs		2.4980/ 2.4990 63.449/ 63.475	2.6905/ 2.6910 68.339/ 68.351	0.8880 22.56	0.0952 2.418		
CS 532BB ACL: 5C1092 CLE: SH-1092S DUR: IN-17 FMO: 1467M									
MB5599SI STD/010/020/030 ACL: 5M1596 CLE: MS-1596 FMO: 5110M	M5599U M5599L	4 Pairs	1-2-4-5	3.1228/ 3.1236 79.319/ 79.339	3.3152/ 3.3162 84.206/ 84.231	0.8750 22.23	0.0949 2.410		
	F5599U F5599L	1 Pair	3	3.1228/ 3.1236 79.319/ 79.339	3.3152/ 3.3162 84.206/ 84.231	1.1300 28.70	0.0949 2.410		
11	MV404 Diesel		6567 cc	104.78 X 95.25	8 cyl	1600-1800 Truck, C01800 Series Truck, C1710 Truck, F1700-1800 Truck	11		
	MV446 Diesel		7333 cc	104.78 X 106.37	8 cyl	1600-1800 Truck, C01800 Series Truck, C1710 Truck, F1700-1800 Truck			
CR 828CP <i>Under Development</i> CLE: CB-1230 (8) FMO: 8-3730CP	C 828	8 Pairs		2.4980/ 2.4990 63.449/ 63.475	2.6245/ 2.6250 66.662/ 66.675	0.9780 24.84	0.0622 1.580		
CS 532BB ACL: 5C1092 CLE: SH-1092S DUR: IN-17 FMO: 1467M									
MB5598CP <i>Under Development</i> CLE: MS-1460 FMO: 5082M	M5598*	4 Pairs	1-2-4-5	3.1228/ 3.1236 79.319/ 79.339	3.3152/ 3.3160 84.206/ 84.226	0.8050 20.45	0.0953 2.421		
	F5598*	1 Pair	3	3.1228/ 3.1236 79.319/ 79.339	3.3152/ 3.3160 84.206/ 84.226	1.1300 28.70	0.0953 2.421		

Engine Index: I.K.A. (ARGENTINA)

Engine-Code	Years	Cyl	CC	Line
	1956-78	4	2470	1
OHC 181	1966-69	6	2966	3
	1957-64	6	3705	2

Engine-Code	Years	Cyl	CC	Line
OHC 230	1966-74	6	3770	3
		6	3770	4

Car Model Index: I.K.A. (ARGENTINA)

CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

Model	Engine	Years	Cyl	CC	Line
Estansiera			6	3705	2
Gladiator			6	3705	2
Grand Router			6	3770	4
Jeep 151			4	2470	1
Kaiser			6	3705	2
Rambler			6	3770	4

Model	Engine	Years	Cyl	CC	Line
Rural			6	3705	2
Torino			6	3770	4
Torino 300	OHC 181		6	2966	3
Torino 380	OHC 230		6	3770	3

I.K.A. (ARGENTINA)			I.K.A. (ARGENTINA)					
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
1		1956-78	2470 cc	84.14 X 111.13	4 cyl	Jeep 151	1	
CR4478AM STD/010/020/030/040/050 CLE:CB- 139AL(4) FMO:4-1750CPA	C 603R C 603L	4 Pairs		2.0619/ 2.0627 52.372/ 52.393	2.1865/ 2.1870 55.537/ 55.550	1.1300 28.70	0.0620 1.575	
MB3321AM FMO: 4588M	M 414/1	1 Pair	1	2.3744/ 2.3752 60.310/ 60.330	2.5615/ 2.5622 65.062/ 65.080	1.0670 27.10	0.0930 2.362	
	M 414/2	1 Pair	2	2.3744/ 2.3752 60.310/ 60.330	2.5615/ 2.5622 65.062/ 65.080	1.3170 33.45	0.0930 2.362	
	F 414	1 Pair	3	2.3744/ 2.3752 60.310/ 60.330	2.5615/ 2.5622 65.062/ 65.080	1.6320 41.45	0.0930 2.362	
2		1957-64	3705 cc	84.14 X 111.13	6 cyl	Estansiera, Gladiator, Kaiser, Rural	2	
CR 603AM STD/010/020/030/040/050/060 CLE:CB- 465/ 466AL(6) FMO:6-1995CPA GLA:B6045M	C 603R C 603L	6 Pairs		2.0619/ 2.0627 52.372/ 52.393	2.1865/ 2.1870 55.537/ 55.550	1.1300 28.70	0.0619 1.572	
MB 414AM STD/050 CLE:MS- 144AL FMO:4247M GLA:M4154M	M 414/1	1 Pair	1	2.3744/ 2.3752 60.310/ 60.330	2.5615/ 2.5622 65.062/ 65.080	1.0670 27.10	0.0928 2.357	
	M 414/2	2 Pairs	2-3	2.3744/ 2.3752 60.310/ 60.330	2.5615/ 2.5622 65.062/ 65.080	1.3170 33.45	0.0928 2.357	
	F 414	1 Pair	4	2.3744/ 2.3752 60.310/ 60.330	2.5615/ 2.5622 65.062/ 65.080	1.6320 41.45	0.0928 2.357	
3	OHC 181	1966-69	2966 cc	84.94 X 87.31	6 cyl	Torino 300	3	
	OHC 230	1966-74	3770 cc	84.94 X 111.13	6 cyl	Torino 380		
CR 621AM 010/020/030/050/060 CLE:CB- 729AL(6) FMO:6-2700CPA	C 621R C 621L	6 Pairs		2.0619/ 2.0627 52.372/ 52.393	2.1865/ 2.1870 55.537/ 55.550	0.9750 24.77	0.0615 1.562	
MB 436AM 010/020/030/040 FMO: 4532M	M 417/1U M 417/1L	1 Pair	1	2.3747/ 2.3755 60.317/ 60.338	2.5615/ 2.5622 65.062/ 65.080	1.0000 25.40	0.0927 2.355	
	M 417/2U M 417/2L	2 Pairs	2-3	2.3747/ 2.3755 60.317/ 60.338	2.5615/ 2.5622 65.062/ 65.080	1.1910 30.25	0.0927 2.355	
	F 436U F 436L	1 Pair	4	2.3747/ 2.3755 60.317/ 60.338	2.5615/ 2.5622 65.062/ 65.080	1.5260 38.76	0.0927 2.355	
4			3770 cc	84.94 X 111.13	6 cyl	Grand Router, Rambler, Torino	4	
CR6613AM STD/25/5/75 FMO:6-62055CP	C6613	6 Pairs		2.0620/ 2.0628 52.375/ 52.395	2.1865/ 2.1870 55.537/ 55.550	0.8880 22.56	0.0620 1.575	
MB 779AM STD/25/5/1.0 FMO: 6408M	M 779	6 Pairs	1-2-3-4- 5-6	2.5345/ 2.5352 64.376/ 64.394	2.7214/ 2.7221 69.124/ 69.141	0.8430 21.41	0.0928 2.357	
	F 779	1 Pair	7	2.5345/ 2.5352 64.376/ 64.394	2.7214/ 2.7221 69.124/ 69.141	1.2590 31.98	0.0928 2.357	

Engine Index: IFA

Engine-Code	Years	Cyl	CC	Line
4VD14.5/12 SRW Diesel		4	6560	1

Engine-Code	Years	Cyl	CC	Line

Car Model Index: IFA

Model	Engine	Years	Cyl	CC	Line
W-50L, W-	4VD14.5/12 SRW		4	6560	1
W50LA/Z/MK5-6	4VD14.5/12 SRW		4	6560	1

Model	Engine	Years	Cyl	CC	Line

IFA		IFA						
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
1	4VD14.5/12 SRW Diesel		6560 cc	120.00 X 145.00	4 cyl	W-50L, W-50L/SP/NKP/K/A/S/Z, W50LA/Z/MK5-6 (Tractors)	1	
CR4153AM	C4153U C4153L	4 Pairs		3.1468/ 3.1476 79.929/ 79.949	3.3463/ 3.3473 84.996/ 85.021	1.5748 40.00	0.0982 2.494	
MB5017AM	M5017	5 Pairs		3.5405/ 3.5413 89.929/ 89.949	3.7401/ 3.7410 94.999/ 95.021	1.3779 35.00	0.0980 2.489	

Engine Index: INFINITI

Engine-Code	Years	Cyl	CC	Line
SR20DE L4 Nissan 122CI	01/1991-	4	1998	1
VG30E V6 Nissan 181CI	01/1990-	6	2960	4
VG30DE V6 Nissan 181CI	01/1993-	6	2960	2
VQ30DE V6 Nissan 182CI	01/1996-	6	2988	3

Engine-Code	Years	Cyl	CC	Line
VG33E V6 Nissan 200CI	01/1997-	6	3275	4
VQ35DE V6 Nissan 213CI	01/2001-	6	3498	5
VQ35HR V6 Nissan 213CI	01/2007-	6	3498	5

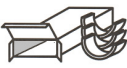




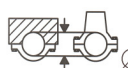


Car Model Index: INFINITI

Model	Engine	Years	Cyl	CC	Line
G20	SR20DE L4 Nissan		4	1998	1
J30	VG30DE V6 Nissan		6	2960	2
M30	VG30E V6 Nissan		6	2960	4

Model	Engine	Years	Cyl	CC	Line
QX4	VG33E V6 Nissan		6	3275	4

INFINITI		INFINITI						
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	

King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	SR20DE L4 Nissan 122CI /2.0Liter, DOHC, 16 Valves, vin C, Gasoline	01/1991- 12/2002	1998 cc	86.00 X 86.00	4 cyl	G20	1
CR4136AM STD/.25/.5/.75/1.0	C4136	4 Pairs	1-4	1.8880/ 1.8887 47.955/ 47.973	2.0079/ 2.0084 51.001/ 51.013	0.6691 17.00	0.0589 1.496
ACL: 4B2960 CLE: CB-1629P(4) FMO: 4-4805P GLA: B4779 NDC: CB-1213 OEM: 12111-60J00 VAN: VPR92661							
MB5243AM STD/.25/.5/.75/1.0	M5243U M5243L	5 Pairs	1-5	2.1636/ 2.1646 54.955/ 54.981	2.3206/ 2.3216 58.943/ 58.969	0.7480 19.00	0.0778 1.976
ACL: 5M2964 CLE: MS-2015P FMO: 7375M GLA: M5572 NDC: MS-1213 OEM: 12207-60J00 VAN: VPM92666							
TW 139AM	W 139	1 Pair		2.4314/ 0.0000 61.758/ 0.000	0.0000/ 3.2878 0.000/ 83.510	0.0000 0.00	0.0770 1.956
ACL: 1T2964 CLE: TW- 590S FMO: 4806F K.S: TW-1213GP NDC: TW-1213GP OEM: 12280-60J00							
2	VG30DE V6 Nissan 181CI /3.0Liter, DOHC, 24 Valves, vin A, Gasoline	01/1993- 12/1997	2960 cc	87.00 X 83.00	6 cyl	J30	2
CR6676SI STD/.25/.5/.75/1.0/1.25/1.5	C6676	6 Pairs		0.0000/ 1.9675 0.000/ 49.975	0.0000/ 2.0871 0.000/ 53.012	0.6690 16.99	0.0594 1.509
ACL: 6B2390 CLE: CB-1591P(6) DAI: R2578A FMO: 6-1845CP~ GLA: B6659SA NDC: CB-1206GP OEM: 12111-0B100 OEM: 12111-02P00 VAN: VPR92795							
MB 495AM STD/.25/.5/.75 <i>Same as MB4071AM, but with FI STD length (28.80 mm in all undersizes).</i>	M 495/1U M 495/1L	1 Pair	1	0.0000/ 2.4793 0.000/ 62.974	0.0000/ 2.6249 0.000/ 66.672	0.8860 22.50	0.0720 1.829
ACL: 4M1951 CLE: MS-1951P FMO: 7322M K.S: MS-1211GP							
	M 495/2U M 495/2L	2 Pairs	2-3	0.0000/ 2.4793 0.000/ 62.974	0.0000/ 2.6249 0.000/ 66.672	0.7480 19.00	0.0720 1.829
	F 495U F 495L	1 Pair	4	0.0000/ 2.4793 0.000/ 62.974	0.0000/ 2.6249 0.000/ 66.672	1.1340 28.80	0.0720 1.829
MB4071AM <i>Flange length: STD - 28.80 mm (FI STD) 0.25 - 28.90mm (FI oversize 0.1 mm) 0.50, 0.75, 1.0 - 29.05mm (FI oversize 0.25 mm)</i>	M 495/1U M 495/1L	1 Pair	1	0.0000/ 2.4793 0.000/ 62.974	0.0000/ 2.6249 0.000/ 66.672	0.8860 22.50	0.0720 1.829
DAI: M2078A NDC: MS-1211GP OEM: 12215-F6500 OEM: 12214-40V00-04							
	M 495/2U M 495/2L	2 Pairs	2-3	0.0000/ 2.4793 0.000/ 62.974	0.0000/ 2.6249 0.000/ 66.672	0.7480 19.00	0.0720 1.829
	F 4071U F 453L	1 Pair	4	0.0000/ 2.4793 0.000/ 62.974	0.0000/ 2.6249 0.000/ 66.672	1.1340 28.80	0.0720 1.829
3	VQ30DE V6 Nissan 182CI /3.0Liter, DOHC, 24 Valves, vin C, Gasoline	01/1996- 12/2001	2988 cc	93.00 X 73.30	6 cyl		3
CR6752AM <i>Under Development</i>	C6752*	6 Pairs		1.7700/ 1.7706 44.958/ 44.973	1.8898/ 1.8903 48.001/ 48.014	0.6690 16.99	0.0591 1.501
ACL: 6B2630 NDC: CB-1219GP OEM: 12111-31U10							
MB4058AM STD/.25/.5/.75 <i>Under Development</i>	M4058U* M4058L*	4 Pairs	1-4	2.3603/ 2.3612 59.952/ 59.974	2.5193/ 2.5203 63.990/ 64.016	0.7910 20.09	0.0791 2.009
ACL: 4M2633 NDC: MS-1219GP							
TW 271AM <i>Under Development</i>	W 271	2 Pairs		0.0000/ 2.6180 0.000/ 66.497	3.1300/ 0.0000 79.502/ 0.000	0.0000 0.00	0.0768 1.951
ACL: 2T2633 NDC: TW-1219A							
4	VG30E V6 Nissan 181CI /3.0Liter, SOHC, 12 Valves, vin H, Gasoline	01/1990- 12/1992	2960 cc	87.00 X 83.00	6 cyl	M30	4
VG33E V6 Nissan 200CI /3.3Liter, SOHC, 12 Valves, vin A, Gasoline		01/1997- 12/2000	3275 cc	91.50 X 83.00	6 cyl	QX4	
CR6676SI STD/.25/.5/.75/1.0/1.25/1.5	C6676	6 Pairs		0.0000/ 1.9675 0.000/ 49.975	0.0000/ 2.0871 0.000/ 53.012	0.6690 16.99	0.0594 1.509
ACL: 6B2390 CLE: CB-1591P(6) DAI: R2578A FMO: 6-1845CP~ GLA: B6659SA NDC: CB-1206GP OEM: 12111-0B100 OEM: 12111-02P00 VAN: VPR92795							
MB 453AM STD/.25/.5/.75/1.0 <i>Flange length: STD - 28.85 mm (FI STD) 0.25 - 28.95 mm (FI oversize 0.1 mm) 0.50, 0.75, 1.0 - 29.10 mm (FI oversize 0.25 mm)</i>	M 453/1U M 495/1L	1 Pair	1	0.0000/ 2.4793 0.000/ 62.974	0.0000/ 2.6243 0.000/ 66.657	0.8860 22.50	0.0720 1.829
ACL: 4M2777 ~ CLE: MS-1637 FMO: 7099M GLA: M4291SA NDC: MS-1201 OEM: 12215/31-02P25 VAN: VPM92807A							
	M 453/2U M 495/2L	2 Pairs	2-3	0.0000/ 2.4793 0.000/ 62.974	0.0000/ 2.6243 0.000/ 66.657	0.7480 19.00	0.0720 1.829
	F 453U F 453L	1 Pair	4	0.0000/ 2.4793 0.000/ 62.974	0.0000/ 2.6242 0.000/ 66.655	1.1360 28.85	0.0720 1.829
MB4008AM STD/.25/.5/.75/1.0							

INFINITI					INFINITI				
									
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
Same as MB 453AM, but with FI STD length (28.85 mm in all undersizes). ACL: 4M2777 CLE: MS-2074P FMO: 7099~ OEM: 12207-02P25									
5	VQ35DE V6 Nissan 213CI /3.5Liter, DOHC, 24 Valves, Gasoline	01/2001-12/2008	3498 cc	95.50 X 81.40	6 cyl				5
	VQ35HR V6 Nissan 213CI /3.5Liter, DOHC, 24 Valves, Gasoline	01/2007-12/2010	3498 cc	95.50 X 81.50	6 cyl				
MB4058AM STD/.25/.5/.75 <i>Under Development</i> ACL: 4M2633 NDC: MS-1219GP	M4058U* M4058L*	4 Pairs	1-4	2.3603/ 2.3612 59.952/ 59.974	2.5193/ 2.5203 63.990/ 64.016	0.7910 20.09	0.0791 2.009		
TW 271AM <i>Under Development</i> ACL: 2T2633 NDC: TW-1219A	W 271	2 Pairs		0.0000/ 2.6180 0.000/ 66.497	3.1300/ 0.0000 79.502/ 0.000	0.0000 0.00	0.0768 1.951		

Engine Index: INFINITI PERFORMANCE

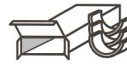







Engine-Code	Years	Cyl	CC	Line
SR20DE Nissan (2.0L) DOHC 16	1991-02	4	1998	1

Engine-Code	Years	Cyl	CC	Line

Car Model Index: INFINITI PERFORMANCE

Model	Engine	Years	Cyl	CC	Line
G20	SR20DE Nissan		4	1998	1

Model	Engine	Years	Cyl	CC	Line

INFINITI PERFORMANCE					INFINITI PERFORMANCE				
									
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
1	SR20DE Nissan (2.0L) DOHC 16 valve	1991-02	1998 cc	86.00 X 86.00	4 cyl	G20			1
CR4136XP STD/.25/.5 (17mm rod width) ACL: 4B2960H	C4136/PR	4 Pairs	1-4	1.8880/ 1.8887 47.955/ 47.973	2.0079/ 2.0084 51.001/ 51.013	0.6730 17.09	0.0592 1.504		
MB5243XP STD/.25 ACL: 5M2964H	M5243U/PR M5243L/PR	5 Pairs	1-5	2.1636/ 2.1646 54.955/ 54.981	2.3206/ 2.3216 58.943/ 58.969	0.7520 19.10	0.0778 1.976		

Engine Index: INTERNATIONAL TRACTOR

Engine-Code	Years	Cyl	CC	Line
BC144, BD144		4	2344	1
BD154		4	2521	1

Engine-Code	Years	Cyl	CC	Line
D155		3	2535	2
D179		3	2934	2

CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

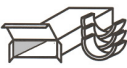




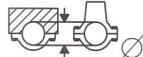


Engine-Code	Years	Cyl	CC	Line
D206		4	3380	3
D239, DT239		4	3912	3
D310		6	5070	4

Engine-Code	Years	Cyl	CC	Line
D358, DT358		6	5868	4

Car Model Index: INTERNATIONAL TRACTOR

Model	Engine	Years	Cyl	CC	Line

INTERNATIONAL TRACTOR				INTERNATIONAL TRACTOR				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
1	BC144, BD144		2344 cc	3.38 X 4.00	4 cyl		1	
	BD154		2521 cc	3.50 X 4.00	4 cyl			
CR4038AM STD/010/020/030/040/050/060 GLA:B4297SA GLY:51-1302 OEM:3070536R11 VAN:VPR91860A	C4038	4 Pairs		1.7490/ 1.7500 44.425/ 44.450	1.8755/ 1.8760 47.638/ 47.650	1.0740 27.28	0.0620 1.575	
MB5577AM STD/010/020/030 At STD - FL STD At 010,020 - FL .010" O/S At 030 on - FL 0.016" O/S CLE:MS- 614P FMO:4359M GLA:M5149SA GLY:H935/5 OEM:708912R91 VAN:VPM776	M5577U M5577L F5577	4 Pairs 1 Pair	1-2-3-4 5	2.1240/ 2.1250 53.950/ 53.975 2.1240/ 2.1250 53.950/ 53.975	2.2955/ 2.2975 58.306/ 58.357 2.2955/ 2.2975 58.306/ 58.357	1.0720 27.23 1.3100 33.27	0.0852 2.164 0.0852 2.164	
2	D155		2535 cc	3.88 X 4.38	3 cyl		2	
	D179		2934 cc	3.88 X 5.06	3 cyl			
CR 304AM STD/.25/.5/.75 - 1975 Locating lug on right side. CLE:CB-1044AL(3) FMO:3-65925CP GLA:B1080LC	C4472	3 Pairs		2.5185/ 2.5193 63.970/ 63.990	2.6771/ 2.6779 67.998/ 68.019	1.2630 32.08	0.0778 1.976	
CR 322AM 1975 - Locating lug on left side. CLE:CB-1193(3)	C4076	3 Pairs		2.5185/ 2.5193 63.970/ 63.990	2.6772/ 2.6779 68.001/ 68.019	1.1811 30.00	0.0778 1.976	
MB 437AM STD/.25/.5/.75 Same as MB4087AM, but with flange oversize. Flange length: STD-36.5mm, 0.25-36.75mm, 0.5-37.00mm, 0.75/1.0/1.25-37.25mm CLE:MS-1197AL FMO:6304M GLA:M4278LB GLY:72-2439 + 72-2440HOEM:3055130R21 VAN:VPM92200	M 581U M 581L F 581U F 581L	3 Pairs 1 Pair	1-2-3 4	3.1484/ 3.1492 79.969/ 79.990 3.1484/ 3.1492 79.969/ 79.990	3.3858/ 3.3865 85.999/ 86.017 3.3858/ 3.3865 85.999/ 86.017	1.0160 25.81 1.4370 36.50	0.1170 2.972 0.1170 2.972	
MB4087AM STD FL STD length in all undersizes.	M 581U M 581L F5368U F5368L	3 Pairs 1 Pair	1-2-3 4	3.1484/ 3.1492 79.969/ 79.990 3.1484/ 3.1492 79.969/ 79.990	3.3858/ 3.3865 85.999/ 86.017 3.3858/ 3.3865 85.999/ 86.017	1.0160 25.81 1.4370 36.50	0.1170 2.972 0.1170 2.972	
3	D206		3380 cc	3.88 X 4.38	4 cyl		3	
	D239, DT239		3912 cc	3.88 X 5.06	4 cyl			
CR4076AM STD/.25/.5/.75 1975 - Locating lug on left side. CLE:CB-1193P(4) FMO:4-65925CPA	C4076	4 Pairs		2.5185/ 2.5193 63.970/ 63.990	2.6772/ 2.6779 68.001/ 68.019	1.1811 30.00	0.0778 1.976	
CR4472AM STD/.25/.5/.75/1.0 Locating lug on right side. CLE:CB-1044AL(4) FMO:4-65925CP								

INTERNATIONAL TRACTOR				INTERNATIONAL TRACTOR			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
MB 581AM STD/.25/.5/.75/1.0/1.25/1.5 <i>Same as MB5368AM, but with flange oversize.</i> Flange length: STD-36.5mm, 0.25-36.75mm, 0.5-37.00mm, 0.75/1.0/1.25-37.25mm CLE:MS-1198AL FMO:6305M GLA:M5528LB VAN:VPM92201	F 581U F 581L	1 Pair	5	3.1484/ 3.1492 79.969/ 79.990	3.3858/ 3.3865 85.999/ 86.017	1.4370 36.50	0.1170 2.972
	M 581U M 581L	4 Pairs	1-2-3-4	3.1484/ 3.1492 79.969/ 79.990	3.3858/ 3.3865 85.999/ 86.017	1.0160 25.81	0.1170 2.972
MB5368AM STD <i>FL STD length in all undersizes.</i>	M 581U M 581L	4 Pairs	1-2-3-4	3.1484/ 3.1492 79.969/ 79.990	3.3858/ 3.3865 85.999/ 86.017	1.0160 25.81	0.1170 2.972
	F5368U F5368L	1 Pair	5	3.1484/ 3.1492 79.969/ 79.990	3.3858/ 3.3865 85.999/ 86.017	1.4370 36.50	0.1170 2.972
4	D310		5070 cc	3.88 X 4.38	6 cyl		4
	D358, DT358		5868 cc	3.88 X 5.06	6 cyl		
CR 196AM STD/.25/.5/.75/1.0/1.25 <i>- 1975 Locating lug on right side.</i> CLE:CB-1044P(1) GLA:B1080LC GLY:71-2438 OEM:3055351R91 VAN:VPR92198	C4472	1 Pair		2.5185/ 2.5193 63.970/ 63.990	2.6771/ 2.6779 67.998/ 68.019	1.2630 32.08	0.0778 1.976
CR 693AM STD/.25/.5/.75 <i>Locating lug on right side. Same as CR 196AM, but pack in 6 Pairs.</i> CLE:CB-1044P(6) FMO:6-65925CP GLA:B1080LCx6							
CR1217AM .25/.5/.75/1.0 <i>1975 - Locating lug on left side.</i> CLE:CB-1193P(1) FMO:1-65925CPA GLA:B1081LC GLY:71-3315 VAN:VPR92199	C4076	1 Pair		2.5185/ 2.5193 63.970/ 63.990	2.6772/ 2.6779 68.001/ 68.019	1.1811 30.00	0.0778 1.976
CR6720AM <i>Locating lug on left side. Same as CR1217AM, but pack in 6 Pairs.</i> CLE:CB-1193P(6)							
MB 780AM STD/.25/.5/.75/1.0/1.25/1.5 <i>Same as MB7110AM, but with flange oversize.</i> Flange length: STD-36.5mm, 0.25-36.75mm, 0.5-37.00mm, 0.75/1.0/1.25-37.25mm CLE:MS-1199AL FMO:6306M GLA:M7461LB	M 581U M 581L	6 Pairs	1-2-3-4-5-6	3.1484/ 3.1492 79.969/ 79.990	3.3858/ 3.3865 85.999/ 86.017	1.0160 25.81	0.1170 2.972
	F 581U F 581L	1 Pair	7	3.1484/ 3.1492 79.969/ 79.990	3.3858/ 3.3865 85.999/ 86.017	1.4370 36.50	0.1170 2.972
MB7110AM <i>FL STD length in all undersizes.</i>	M 581U M 581L	6 Pairs	1-2-3-4-5-6	3.1484/ 3.1492 79.969/ 79.990	3.3858/ 3.3865 85.999/ 86.017	1.0160 25.81	0.1170 2.972
	F5368U F5368L	1 Pair	7	3.1484/ 3.1492 79.969/ 79.990	3.3858/ 3.3865 85.999/ 86.017	1.4370 36.50	0.1170 2.972

Engine Index: INTERNATIONAL TRUCK

Engine-Code	Years	Cyl	CC	Line
4-152, 4-152T B152		4	2486	1
4-196		4	3199	1
6-33, 6-33T, IN633		6	3244	2
6-232		6	3797	3
6-258 Jeep engines		6	4237	3
V266		8	4351	4
V304		8	4973	4
RED318		6	5213	9
RED401		6	5563	9
V345		8	5647	4
RED361		6	5907	9
RD372, RED372		6	6091	9

Engine-Code	Years	Cyl	CC	Line
V392		8	6399	4
MV404		8	6563	8
V400 Jeep engine		8	6566	5
RD406, RED406		6	6645	9
6.9L Diesel		8	6879	6
7.3L Diesel		8	7263	6
7.3L Direct Injection Turbo Diesel		8	7263	7
MV446		8	7330	8
RD450, RED450		6	7383	9
461 CID (7.6L) D150	1975-	8	7549	11
461 CID (7.6L) DV462B	1970-	8	7549	11
461 CID (7.6L) DV462	1966-	8	7549	11

Engine-Code	Years	Cyl	CC	Line
RD501, RED501		6	8201	9
V537		8	8801	12
551 CID (9.0L) International	1980-	8	9000	10
549 CID (9.0L) DV550B	1970-	8	9024	11

Engine-Code	Years	Cyl	CC	Line
549 CID (9.0L) DV550	1966-	8	9024	11
549 CID (9.0L) D170,D190	1975-	8	9024	11
V605		8	9901	12

Car Model Index: INTERNATIONAL TRUCK

Model	Engine	Years	Cyl	CC	Line

INTERNATIONAL TRUCK					INTERNATIONAL TRUCK				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
1	4-152, 4-152T B152			2486 cc	3.88 X 3.22	4 cyl			1
	4-196			3199 cc	4.13 X 3.66	4 cyl			
CR4200AM									
CLE:CB- 633P(4)									
CS 530BB									
ACL:5C426 CLE:SH- 426S									
DUR:IN-11 FMO:1218M									
	S 530/1	1	1	2.0990/ 2.1000 53.315/ 53.340	2.2305/ 2.2320 56.655/ 56.693	0.7100 18.03	0.0647 1.643		
	S 530/2	1	2	2.0890/ 2.0900 53.061/ 53.086	2.2205/ 2.2220 56.401/ 56.439	0.6450 16.38	0.0647 1.643		
	S 530/3	1	3	2.0790/ 2.0800 52.807/ 52.832	2.2105/ 2.2120 56.147/ 56.185	0.6450 16.38	0.0647 1.643		
	S 530/4	1	4	2.0690/ 2.0700 52.553/ 52.578	2.2005/ 2.2020 55.893/ 55.931	0.6450 16.38	0.0647 1.643		
	S 530/5	1	5	2.0590/ 2.0600 52.299/ 52.324	2.1905/ 2.1920 55.639/ 55.677	0.7500 19.05	0.0647 1.643		
MB5597AM									
2	6-33, 6-33T, IN633			3244 cc	83.00 X 100.00	6 cyl			2
	Nissan engines								
CR6651AM STD/.25/.5									
DAI:R3025K FMO:6-67260CP									
GLA:B6588LC NDC:CB-1058									
OEM:12117-37503/2 VAN:VPR92405LC									
	C 472	6 Pairs		2.0831/ 2.0837 52.911/ 52.926	2.2042/ 2.2047 55.987/ 55.999	1.0240 26.01	0.0592 1.504		
MB 473AM STD/.25/.5									
DAI:M3025K FMO:6790M									
GLA:M4263LC NDC:MS-1058									
OEM:1220761507 VAN:VPM92404LC									
	M 359U M 359L	4 Pairs		2.7912/ 2.7921 70.896/ 70.919	2.9520/ 2.9528 74.981/ 75.001	1.2600 32.00	0.0790 2.007		
3	6-232			3797 cc	3.75 X 3.50	6 cyl			3
	6-258 Jeep engines			4237 cc	3.75 X 3.91	6 cyl			
CR 648SI									
STD/001/010/020/030/040/050/060									
ACL:6B960 CLE:CB- 960AL(6)									
FMO:6-3310CPA VAN:VPR91284A									
	C6805	6 Pairs		2.0948/ 2.0955 53.208/ 53.226	2.2100/ 2.2105 56.134/ 56.147	0.8370 21.26	0.0570 1.448		
CR6805SI STD/010/020/030/040									
Same as CR 648SI but with housing bore resized .002" larger									
CS 422BB STD/010									
ACL:4C549 CLE:SH-1980S									
DUR:N-7 FMO:1244M									
	S 422/1	1	1	2.0295/ 2.0305 51.549/ 51.575	2.1555/ 2.1565 54.750/ 54.775	0.6900 17.53	0.0620 1.575		
				2.0195/ 2.0205	2.1455/ 2.1465	0.6900	0.0620		

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CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

INTERNATIONAL TRUCK				INTERNATIONAL TRUCK				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
	S 422/2	1	2	51.295/ 51.321	54.496/ 54.521	17.53	1.575	
	S 422/3	1	3	2.0095/ 2.0105 51.041/ 51.067	2.1355/ 2.1365 54.242/ 54.267	0.6900 17.53	0.0620 1.575	
	S 422/4	1	4	1.9995/ 2.0005 50.787/ 50.813	2.1255/ 2.1265 53.988/ 54.013	0.6900 17.53	0.0620 1.575	
MB 763S 1987-90 engines. ACL: 7M704 FMO: 4289M	M 763U M 763L	6 Pairs	1-2-4-5-6-7	2.4988/ 2.4995 63.470/ 63.487	2.6910/ 2.6920 68.351/ 68.377	0.9860 25.04	0.0953 2.421	
CLE: MS- 704AL VAN: VPM91285	F 763U F 763L	1 Pair	3	2.4988/ 2.4995 63.470/ 63.487	2.6910/ 2.6920 68.351/ 68.377	1.2700 32.26	0.0953 2.421	
4	V266		4351 cc	3.63 X 3.22	8 cyl		4	
	V304		4973 cc	3.88 X 3.22	8 cyl			
	V345		5647 cc	3.88 X 3.66	8 cyl			
	V392		6399 cc	4.13 X 3.66	8 cyl			
CR 827AM								
CS 530BB ACL: SC426 DUR: IN-11	S 530/1	1	1	2.0990/ 2.1000 53.315/ 53.340	2.2305/ 2.2320 56.655/ 56.693	0.7100 18.03	0.0647 1.643	
CLE: SH- 426S FMO: 1218M	S 530/2	1	2	2.0890/ 2.0900 53.061/ 53.086	2.2205/ 2.2220 56.401/ 56.439	0.6450 16.38	0.0647 1.643	
	S 530/3	1	3	2.0790/ 2.0800 52.807/ 52.832	2.2105/ 2.2120 56.147/ 56.185	0.6450 16.38	0.0647 1.643	
	S 530/4	1	4	2.0690/ 2.0700 52.553/ 52.578	2.2005/ 2.2020 55.893/ 55.931	0.6450 16.38	0.0647 1.643	
	S 530/5	1	5	2.0590/ 2.0600 52.299/ 52.324	2.1905/ 2.1920 55.639/ 55.677	0.7500 19.05	0.0647 1.643	
MB5597AM								
5	V400 Jeep engine		6566 cc	4.17 X 3.68	8 cyl		5	
CR 859AM Under Development ACL: 8B819P FMO: 8-3385CP	C 859*	8 Pairs		2.2478/ 2.2485 57.094/ 57.112	2.3745/ 2.3750 60.312/ 60.325	0.8050 20.45	0.0623 1.582	
CLE: CB- 819P(8)	MB5518AM STD/010/020/030/040 ACL: 5M1041 FMO: 5037M	M5518U M5518L	4 Pairs	1-2-4-5	2.7472/ 2.7479 69.779/ 69.797	2.9410/ 2.9420 74.701/ 74.727	0.9280 23.57	0.0958 2.433
	F5518U F5518L	1 Pair	3	2.7482/ 2.7489 69.804/ 69.822	2.9410/ 2.9420 74.701/ 74.727	1.2700 32.26	0.0958 2.433	
6	6.9L Diesel		6879 cc	4.00 X 4.18	8 cyl		6	
	7.3L Diesel		7263 cc	4.11 X 4.18	8 cyl			
CR 829CP STD/010/020/030/040 ACL: 8B1327P FMO: 8-3810CP	C 829	8 Pairs		2.4980/ 2.4990 63.449/ 63.475	2.6905/ 2.6910 68.339/ 68.351	0.8880 22.56	0.0952 2.418	
CLE: CB- 1327(8)	CS 532BB ACL: SC1092 DUR: IN-17							
CLE: SH- 1092S FMO: 1467M	MB5599S STD/010/020/030 ACL: 5M1596 FMO: 5110M	M5599U M5599L	4 Pairs	1-2-4-5	3.1228/ 3.1236 79.319/ 79.339	3.3152/ 3.3162 84.206/ 84.231	0.8750 22.23	0.0949 2.410
	F5599U F5599L	1 Pair	3	3.1228/ 3.1236 79.319/ 79.339	3.3152/ 3.3162 84.206/ 84.231	1.1300 28.70	0.0949 2.410	

INTERNATIONAL TRUCK				INTERNATIONAL TRUCK			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
7	7.3L Direct Injection Turbo Diesel	7263 cc	4.11 X 4.18	8 cyl			7
CR 887CP ACL:8B1633P CLE:CB-1633P (8) FMO:8-3810CPA	C 887	8 Pairs		2.4980/ 2.4990 63.449/ 63.475	2.6905/ 2.6915 68.339/ 68.364	0.9566 24.30	0.0952 2.418
CS 532BB ACL:5C1092 CLE:SH-1092S DUR:IN-17 FMO:1467M							
MB5263CP ACL:5M2034P CLE:MS-2034P FMO:7325M	M5263U M5263L	4 Pairs	1-2-4-5	3.1228/ 3.1236 79.319/ 79.339	3.3152/ 3.3162 84.206/ 84.231	0.9330 23.70	0.0949 2.410
	F5263U F5263L	1 Pair	3	3.1228/ 3.1236 79.319/ 79.339	3.3152/ 3.3162 84.206/ 84.231	1.2380 31.45	0.0949 2.410
8	MV404	6563 cc	4.13 X 3.75	8 cyl			8
	MV446	7330 cc	4.13 X 4.19	8 cyl			
CR 828CP <i>Under Development</i> CLE:CB-1230 (8) FMO:8-3730CP	C 828	8 Pairs		2.4980/ 2.4990 63.449/ 63.475	2.6245/ 2.6250 66.662/ 66.675	0.9780 24.84	0.0622 1.580
CS 532BB ACL:5C1092 CLE:SH-1092S DUR:IN-17 FMO:1467M							
MB5598CP <i>Under Development</i> CLE:MS-1460 FMO:5082M	M5598*	4 Pairs	1-2-4-5	3.1228/ 3.1236 79.319/ 79.339	3.3152/ 3.3160 84.206/ 84.226	0.8050 20.45	0.0953 2.421
	F5598*	1 Pair	3	3.1228/ 3.1236 79.319/ 79.339	3.3152/ 3.3160 84.206/ 84.226	1.1300 28.70	0.0953 2.421
9	RED318	5213 cc	3.88 X 4.50	6 cyl			9
	RED401	5563 cc	4.13 X 5.00	6 cyl			
	RED361	5907 cc	4.13 X 4.50	6 cyl			
	RD372, RED372	6091 cc	4.38 X 4.13	6 cyl			
	RD406, RED406	6645 cc	4.38 X 4.50	6 cyl			
	RD450, RED450	7383 cc	4.38 X 5.00	6 cyl			
	RD501, RED501	8201 cc	4.50 X 5.25	6 cyl			
TW 107AM_{STD} CLE:TW- 414S FMO:2869BF GLA:W2108L VAN:VPW92	W 107	1 Pair		2.2700/ 2.2800 57.658/ 57.912	2.7380/ 2.7480 69.545/ 69.799	0.0000 0.00	0.0920 2.337
10	551 CID (9.0L) International Diesel V8	1980-1988	9000 cc	4.51 X 4.31	8 cyl		10
CR8004CP CLE:CB-1266P (8) FMO:8-3595CPA	C8004	8 Pairs		2.7530/ 2.7540 69.926/ 69.952	2.9455/ 2.9460 74.816/ 74.828	0.8520 21.64	0.0948 2.408
MB5101CP CLE:MS- 883P FMO:5032M	F5101U F5101L	1 Pair	3	3.1230/ 3.1240 79.324/ 79.350	3.3160/ 3.3170 84.226/ 84.252	1.3540 34.39	0.0951 2.416
	M5101U M5101L	4 Pairs	1,2,4,5	3.1230/ 3.1240 79.324/ 79.350	3.3160/ 3.3170 84.226/ 84.252	1.0100 25.65	0.0951 2.416
11	461 CID (7.6L) D150 International Diesel V8	1975-1979	7549 cc	4.13 X 4.31	8 cyl		11
	461 CID (7.6L) DV462B International Diesel V8	1970-1972	7549 cc	4.13 X 4.31	8 cyl		
	461 CID (7.6L) DV462 International Diesel V8	1966-1972	7549 cc	4.13 X 4.31	8 cyl		
	549 CID (9.0L) D170,D190 International Diesel V8	1975-1979	9024 cc	4.51 X 4.31	8 cyl		
	549 CID (9.0L) DV550B International Diesel V8	1970-1976	9024 cc	4.50 X 4.31	8 cyl		
	549 CID (9.0L) DV550 International Diesel V8	1966-1972	9024 cc	4.50 X 4.31	8 cyl		
CR 830CP	C 830U	8 Pairs		2.7530/ 2.7540	2.9455/ 2.9460	0.9900	0.0948

INTERNATIONAL TRUCK					INTERNATIONAL TRUCK				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
CLB:CB- 807P (8) FMO: 8-3595CP	C 830L			69.926/ 69.952	74.816/ 74.828	25.15	2.408		
MB5101CP CLB:MS- 883P FMO: 5032M	F5101U F5101L	1 Pair	3	3.1230/ 3.1240 79.324/ 79.350	3.3160/ 3.3170 84.226/ 84.252	1.3540 34.39	0.0951 2.416		
	M5101U M5101L	4 Pairs	1,2,4,5	3.1230/ 3.1240 79.324/ 79.350	3.3160/ 3.3170 84.226/ 84.252	1.0100 25.65	0.0951 2.416		
12	V537			8801 cc 4.63 X 4.00	8 cyl				12
	V605			9901 cc 4.63 X 4.50	8 cyl				
MB5101CP CLB:MS- 883P FMO: 5032M	F5101U F5101L	1 Pair	3	3.1230/ 3.1240 79.324/ 79.350	3.3160/ 3.3170 84.226/ 84.252	1.3540 34.39	0.0951 2.416		
	M5101U M5101L	4 Pairs	1,2,4,5	3.1230/ 3.1240 79.324/ 79.350	3.3160/ 3.3170 84.226/ 84.252	1.0100 25.65	0.0951 2.416		

Engine Index: ISUZU

Engine-Code	Years	Cyl	CC	Line
G130	1966-72	4	1325	9
G150	1966-75	4	1471	9
4XC1 SOHC 8 valve	3/1985-	4	1471	1
4XC1T Turbo SOHC 8 valve	4/86-2/90	4	1471	1
4XC1 SOHC 8 valve	2/1990-	4	1471	2
4XC1T Turbo SOHC 8 valve	2/1990-	4	1471	2
4EC1-T	3/85-2/90	4	1487	3
4FA1, 4FA1-T	1/19881-	4	1487	15
4EC1	3/85-2/90	4	1487	4
4FE1, 4FE1-T	5/1985-	4	1499	15
G161	1966-86	4	1584	9
4ZA1	1981	4	1584	13
4ZB1	1981-90	4	1584	13
4ZB1-T	1986-88	4	1584	13
4ZC1 SOHC 8 valve	1986-88	4	1584	13
4ZC1T Turbo SOHC 8 valve	1983-90	4	1584	13
4XE1W DOHC 16 valve	1/1988-	4	1588	5
4XE1 SOHC 12 valve	2/1990-	4	1588	6
4XE1WT Turbo DOHC 16 valve	1991-92	4	1588	6
4EE1-T	2/1990-	4	1686	7
4XF1 DOHC 16 valve	1992-93	4	1809	8
G180 SOHC 8 valve	1969-	4	1817	9
4FB1, 4FB1-T	1979-86	4	1817	15
4JE1	1987-	4	1862	16
G200 SOHC 8 valve	12/1978-	4	1949	9
G200	4/1988-	4	1949	13
C190 Diesel OHV	1971-	4	1951	12
C201PT Diesel OHV	1969-	4	1991	14
4FC1, 4FC1-T	1980-91	4	1995	15
4JD1	1987-	4	2039	16
134 Chevrolet LN2 OHV	1997-00	4	2180	10
4FD1	3/1983-	4	2189	15
X22SE DOHC 16 valve	1998-03	4	2198	11
C221	1968-79	4	2207	14
C223 Diesel OHV	7/1979-	4	2238	12
C223T Turbo Diesel OHV	8/83-8/88	4	2238	12

Engine-Code	Years	Cyl	CC	Line
4JC1	1984-	4	2238	16
D201	1985-	4	2238	16
4ZD1 SOHC 8 valve	1984-95	4	2254	13
C240 Diesel OHV	1969-88	4	2369	14
4FG1	11/89-	4	2380	15
4JA1	5/1985-	4	2499	16
4ZE1 SOHC 8 valve	8/1987-	4	2559	17
4JB1	1/1984-	4	2771	18
4JB1-T	9/1988-	4	2771	18
4BA1	1971-	4	2775	25
169 LK5 Vortec DOHC	2006	4	2800	19
173 Chevrolet LL2 OHV	1989-92	4	2827	20
189 Chevrolet LG6 OHV	1991-95	4	3135	20
6VD1 SOHC 24 valve	1992-97	6	3165	23
6VD1 DOHC 24 valve	1992-95	6	3165	23
6VD1W DOHC 24 valve	1998-04	6	3165	23
4BC1, 4BC2	4/1978-	4	3268	25
4BE1	1/1985-	4	3268	25
4BE2	6/1986-	4	3268	25
C330	1971-88	4	3318	21
C330	1982-83	4	3318	22
6VE1 DOHC 24 valve	1998-04	6	3494	23
211 L52 Vortec DOHC 20 Valve	2006	5	3500	24
4BB1 Diesel OHV	1971-89	4	3595	25
4BD1, 4BD1T Diesel OHV	12/1978-	4	3856	28
4BD2TC Turbo intercooled Diesel	1993-99	4	3856	28
254 LL8 VORTEC DOHC 24	2002-	6	4200	26
262 Chevrolet LB4 OHV	1996-00	4	4300	27
4BG1	6/1986-	4	4329	28
4HF1	5/1990-	4	4334	29
4HG1		4	4570	29
4HJ1		4	4985	29
325 Chevrolet OHV Vortec Gen.	2003-06	8	5300	30
6BB1	1980-	6	5393	35
GD150	1965-74	6	5654	33
350 Chevrolet OHV	1993-02	8	5700	31

Engine-Code	Years	Cyl	CC	Line
6BD1,6BD1-T	1980-	6	5785	35
365 Chevrolet OHV Vortec Gen.	2004	8	6000	32
DA120	1965-81	6	6126	33
6BF1, 6BF1-T	1980-88	6	6130	35
DA640	1970-84	6	6373	34
DA640-T	1966-84	6	6373	34
6BG1	1/1984-	6	6494	35
6BG1-T	5/1985-	6	6494	35

Engine-Code	Years	Cyl	CC	Line
6HE1		6	7127	37
6HE1-T		6	7127	36
6HH1		6	8226	37
6RA1, 6RA1-T	8/1981-	6	12023	38
6RB1, 6RB1-T	8/1981-	6	13741	39
6RB2	11/1981-	6	13741	39

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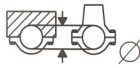


Model	Engine	Years	Cyl	CC	Line
VHR,VHZ	6RA1, 6RA1-T		6	12023	38
XNWD	C201PT Diesel		4	1991	14
Amigo	4ZE1 SOHC 8	1996-98	4	2559	17
Amigo, Impulse, Pick-up	4ZD1 SOHC 8		4	2254	13
Amigo, Rodeo	6VD1W DOHC 24		6	3165	23
Amigo, Rodeo	X22SE DOHC 16		4	2198	11
Ascender	325 Chevrolet OHV		8	5300	30
Ascender	254 LL8 VORTEC	2003-	6	4200	26
Axiom	6VE1 DOHC 24		6	3494	23
Bighorn 2800 4WD	4JB1-T	1986-88	4	2771	18
Bighorn, Elf, Pick-up	C223 Diesel OHV		4	2238	12
CXR,CXZ,CYZ,EXR,EX	6RB1, 6RB1-T		6	13741	39
Coupe	G200		4	1949	13
Elf	C190 Diesel OHV		4	1951	12
Elf	C240 Diesel OHV		4	2369	14
Elf	4BE1		4	3268	25
Elf	4BE2		4	3268	25
Elf 150 2500 Truck	4JA1		4	2499	16
Elf 150 2800 Van	4JB1	1984-	4	2771	18
Elf 150 Super 2800 Van	4JB1	1984-	4	2771	18
Elf 250 2800 Truck	4JB1	1984-	4	2771	18
Elf 2800 Fire eng.	4BA1		4	2775	25
Elf 3300, Pick-up,	C330		4	3318	21
Elf 3300, Pick-up,	C330		4	3318	22
Elf 3600 Truck	4BB1 Diesel OHV		4	3595	25
Fargo, Impulse, Piazza	4ZC1T Turbo		4	1584	13
Fargo, Piazza	4ZA1		4	1584	13
Fargo, Piazza	4ZB1		4	1584	13
Fargo, Piazza	4ZB1-T		4	1584	13
Fargo, Piazza	4ZC1 SOHC 8		4	1584	13
Gemini	4XC1 SOHC 8		4	1471	1
Gemini	4XC1T Turbo		4	1471	1
Gemini	4XC1 SOHC 8		4	1471	2
Gemini	4XC1T Turbo		4	1471	2
Gemini	4EC1		4	1487	4
Gemini 1500JT600N	4EC1-T		4	1487	3
Gemini, Fargo	4FA1, 4FA1-T		4	1487	15
Gemini, Fargo	4FB1, 4FB1-T		4	1817	15
Gemini, Fargo	4FC1, 4FC1-T		4	1995	15
Gemini, Fargo	4FD1		4	2189	15
Gemini, Fargo	4FG1		4	2380	15
Gemini, I-Mark, Impulse	4XE1W DOHC 16		4	1588	5
Gemini, Impulse, Stylus	4XE1 SOHC 12		4	1588	6
Gemini, Piazza, Coupe	G130		4	1325	9
Gemini, Piazza, Coupe	G150		4	1471	9
Hombre	134 Chevrolet LN2	1996-98	4	2180	10
Hombre	262 Chevrolet LB4	1996-98	4	4300	27
I-280	169 LK5 Vortec		4	2800	19
I-350	211 L52 Vortec	2006	5	3500	24
I-Mark (RWD), Pick-up	G180 SOHC 8	1981-85	4	1817	9

Model	Engine	Years	Cyl	CC	Line
I-Mark 1500 Turbo	4EC1-T		4	1487	3
Impulse	G200 SOHC 8	1983-87	4	1949	9
Impulse	4XE1WT Turbo		4	1588	6
Impulse, Stylus	4XF1 DOHC 16		4	1809	8
Jornay 2800 Light Bus	4BA1		4	2775	25
Jornay 3600 Bus	4BB1 Diesel OHV		4	3595	25
MV,SHK,SHM,SHR,TD	6RA1, 6RA1-T		6	12023	38
NPR	4BD1, 4BD1T		4	3856	28
NPR	4BD2TC Turbo		4	3856	28
NPR	350 Chevrolet OHV		8	5700	31
NPR	365 Chevrolet OHV		8	6000	32
Pick-up	4ZE1 SOHC 8	1988-95	4	2559	17
Pick-up	189 Chevrolet LG6	1992-95	4	3135	20
Pick-up, Trooper II	G200 SOHC 8	1983-87	4	1949	9
Rodeo	C223T Turbo		4	2238	12
Rodeo	4ZE1 SOHC 8		4	2559	17
Rodeo	189 Chevrolet LG6	1991-92	4	3135	20
Rodeo	6VD1 SOHC 24	1992-97	6	3165	23
SBI	C201PT Diesel		4	1991	14
SBI/CDI/ESPt	C201PT Diesel		4	1991	14
SQM,SQZ,TMQ,VQR,V	6RB1, 6RB1-T		6	13741	39
Series CQA,CQM	6RB2		6	13741	39
Series	6RB1, 6RB1-T		6	13741	39
Series	6RA1, 6RA1-T		6	12023	38
Super GS1250	C201PT Diesel		4	1991	14
Super NWD	C201PT Diesel		4	1991	14
Super NWD/ESPt	C201PT Diesel		4	1991	14
Super UWD	C201PT Diesel		4	1991	14
TFR54 2500 Truck	4JA1		4	2499	16
TFS54 2500 4WD Truck	4JA1		4	2499	16
TWD	C201PT Diesel		4	1991	14
Trooper	6VD1 SOHC 24	1992-97	6	3165	23
Trooper	6VD1 DOHC 24		6	3165	23
Trooper	6VE1 DOHC 24		6	3494	23
Trooper 2800	4JB1-T	1986-88	4	2771	18
Trooper 2800 4WD	4JB1	1984-	4	2771	18
Trooper II	G200 SOHC 8	1983-85	4	1949	9
Trooper II	4ZD1 SOHC 8	1986-87	4	2254	13
Trooper II	4ZE1 SOHC 8	1988-92	4	2559	17
Trooper II	173 Chevrolet LL2	1989-92	4	2827	20
VehiCross	6VE1 DOHC 24		6	3494	23
XNWD.ESPt	C201PT Diesel		4	1991	14
I-Mark Turbo (FWD)	4XC1T Turbo		4	1471	2
I-Mark (FWD)	4XC1 SOHC 8		4	1471	1
I-Mark (FWD)	4XC1 SOHC 8		4	1471	2
I-Mark Diesel (RWD)	4FB1, 4FB1-T	1981-85	4	1817	15
I-Mark Turbo (FWD)	4XC1T Turbo		4	1471	1

ISUZU				ISUZU				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
1	4XC1 SOHC 8 valve	3/1985-2/90	1471 cc	77.00 X 79.00	4 cyl	Gemini, I-Mark (FWD)		
	4XC1T Turbo SOHC 8 valve	4/86-2/90	1471 cc	77.00 X 79.00	4 cyl	Gemini, I-Mark Turbo (FWD)		
CR4004AM STD/.25/.5/.75/1.0 <i>Under Development</i>		C4004	4 Pairs		1.5726/ 1.5734 39.944/ 39.964	1.6921/ 1.6929 42.979/ 43.000	0.6740 17.12	0.0595 1.511
ACL: 4B9450 CLE: CB-1393AL (4) DAI: R5038A FMO: 4-1145RA GLA: B4802SA NDC: CB-1621A OEM: 8-94331-710-0 OEM: 8-94151-531-2								
MB5540AM STD/.25/.5/.75/1.0 <i>- 02/1990</i>		M5540U M5540L	5 Pairs		1.8873/ 1.8881 47.937/ 47.958	2.0464/ 2.0472 51.979/ 51.999	0.6744 17.13	0.0792 2.012
ACL: 5M1869 CLE: MS-1776AL DAI: M5038A FMO: 6686M GLA: M5598SA NDC: MS-1621 OEM: 8-94251-527-2 OEM: 8-94151-527-2								
TW 141AM .05/.25		W 141	1 Pair		2.1654/ 2.1752 55.001/ 55.250	2.7539/ 2.7638 69.949/ 70.201	0.0000 0.00	0.0870 2.210
ACL: 1T1869 CLE: TW- 453S DAI: T5038A FMO: 1064AF NDC: TW-1621A OEM: 8-94257-903-0								
2	4XC1 SOHC 8 valve	2/1990-	1471 cc		4 cyl	Gemini, I-Mark (FWD)		
	4XC1T Turbo SOHC 8 valve	2/1990-91	1471 cc		4 cyl	Gemini, I-Mark Turbo (FWD)		
CR4004AM STD/.25/.5/.75/1.0 <i>Under Development</i>		C4004	4 Pairs		1.5726/ 1.5734 39.944/ 39.964	1.6921/ 1.6929 42.979/ 43.000	0.6740 17.12	0.0595 1.511
ACL: 4B9450 CLE: CB-1393AL (4) DAI: R5038A FMO: 4-1145RA GLA: B4802SA NDC: CB-1621A OEM: 8-94331-710-0 OEM: 8-94151-531-2								
MB5128AM STD/.25/.5/.75/1.0		M5128U M5128L	5 Pairs		2.0440/ 0.0000 51.918/ 0.000	0.0000/ 2.2048 0.000/ 56.002	0.6693 17.00	0.0795 2.019
ACL: 5M1867 CLE: MS-2017P FMO: 7284M GLA: M5599SA NDC: MS-1626 OEM: 8-94360-467								
TW 142AM		W 142	1 Pair		2.3130/ 2.3228 58.750/ 58.999	2.9016/ 2.9114 73.701/ 73.950	0.0000 0.00	0.0870 2.210
ACL: 1T1867 CLE: TW-595S DAI: T4544A FMO: 4456F GLA: W2416SA GLY: A261/2 NDC: TW-1626A OEM: 8-94321-679-0 VAN: VPW95300A								
3	4EC1-T	3/85-2/90	1487 cc	76.00 X 82.00	4 cyl	Gemini 1500JT600N Turbo, I.Mark 1500 Turbo		
	CR4207XA STD/.25/.5/.75/1.0/1.25/1.5	C4207U C4207	4 Pairs		1.8085/ 1.8093 45.936/ 45.956	1.9282/ 1.9291 48.976/ 48.999	0.6575 16.70	0.0591 1.501
ACL: 4B1816 DAI: R4540A FMO: 4-4285RA GLA: B4774SA NDC: CB-1624A OEM: 8-94151-604-606-0VAN: VPR92634A								
MB5035AM <i>Under Development</i>		M5035*	5 Pairs		1.8865/ 1.8873 47.917/ 47.937	1.9282/ 1.9291 48.976/ 48.999	0.6083 15.45	0.0791 2.009
DAI: M4540A FMO: 7225M GLA: M5566SA GLY: 7225M K.S: MS-1624GP NDC: MS-1624GP OEM: 8-94151-600-603-0VAN: VPM92653A								
MB5078SI STD/.25/.5/.75/1.0/1.25/1.5 <i>For 4EC1 1/87-2/88 & all Turbo engines</i>		M5078U M5078L	5 Pairs	1-5	2.0440/ 2.0448 51.918/ 51.938	2.2038/ 2.2047 55.977/ 55.999	0.6083 15.45	0.0791 2.009
DAI: M4541A FMO: 7235M GLA: M5567SA GLY: H1127/5 NDC: MS-1625 OEM: 8-94154-014-017-0VAN: VPM92862LC								
TW 154AM <i>Under Development</i>		W 154	1 Pair		0.0000/ 2.3230 0.000/ 59.004	2.7540/ 0.0000 69.952/ 0.000	0.0000 0.00	0.0830 2.108
DAI: T4541A NDC: TW-1625A OEM: 8-94114-106-1								
TW 182AM <i>Under Development</i> <i>For 4EC1 engine</i>		W 182	1 Pair		0.0000/ 2.1850 0.000/ 55.499	2.7540/ 0.0000 69.952/ 0.000	0.0000 0.00	0.0830 2.108
GLA: W2409L GLY: 4251AF VAN: VPW95272								

ISUZU				ISUZU			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
4	4EC1	3/85-2/90	1487 cc	76.00 X 82.00	4 cyl	Gemini	4
CR4207S <i>only for the 4EC1 engine - without the Turbo!</i> ACL:4B1816 CLE:NON TURBO ONLY DAI:R4540A FMO:4-4250RA/4280RA GLA:B4774SA GLY:01-4361/4 NDC:CB-1624A OEM:8-94151-604-606-OVAN:VPR92634A	C4207	4 Pairs		1.8085/ 1.8093 45.936/ 45.956	1.9282/ 1.9291 48.976/ 48.999	0.6575 16.70	0.0591 1.501
MB5035AM <i>Under Development</i> DAI:M4540A FMO:7225M GLA:M5566SA GLY:7225M K.S:MS-1624GP NDC:MS-1624GP OEM:8-94151-600-603-OVAN:VPM92653A	M5035*	5 Pairs		1.8865/ 1.8873 47.917/ 47.937	1.9282/ 1.9291 48.976/ 48.999	0.6083 15.45	0.0791 2.009
MB5078S <i>For 4EC1 1/87-2/88 & all Turbo engines</i> DAI:M4541A FMO:7235M GLA:M5567SA GLY:H1127/5 NDC:MS-1625 OEM:8-94154-014-017-OVAN:VPM92862LC	M5078U M5078L	5 Pairs	1-5	2.0440/ 2.0448 51.918/ 51.938	2.2038/ 2.2047 55.977/ 55.999	0.6083 15.45	0.0791 2.009
TW 154AM <i>Under Development</i> DAI:T4541A NDC:TW-1625A OEM:8-94114-106-1	W 154	1 Pair		0.0000/ 2.3230 0.000/ 59.004	2.7540/ 0.0000 69.952/ 0.000	0.0000 0.00	0.0830 2.108
TW 182AM <i>Under Development For 4EC1 engine</i> GLA:W2409L GLY:4251AF VAN:VPW95272	W 182	1 Pair		0.0000/ 2.1850 0.000/ 55.499	2.7540/ 0.0000 69.952/ 0.000	0.0000 0.00	0.0830 2.108
5	4XE1W DOHC 16 valve	1/1988-2/90	1588 cc	80.00 X 79.00	4 cyl	Gemini, I-Mark, Impulse	5
CR4074AM <i>IS IDENTICAL TO CR4004AM</i> <i>Under Development</i> CLE:CB-1478 (4) DAI:R5039K FMO:4-4455RA GLA:B4803LC NDC:CB-1626GP OEM:8-94481-860-862-OVAN:VPR92811LC	C4004 C4074	4 Pairs		1.5726/ 1.5734 39.944/ 39.964	1.6921/ 1.6929 42.979/ 43.000	0.6693 17.00	0.0595 1.511
MB5540AM <i>01/1988 - 02/1990</i> ACL:5M1869 CLE:MS-1776AL DAI:M5038A FMO:6686M GLA:M5598SA NDC:MS-1621 OEM:8-94251-527-2 OEM:8-94151-527-2	M5540U M5540L	5 Pairs		1.8873/ 1.8881 47.937/ 47.958	2.0464/ 2.0472 51.979/ 51.999	0.6744 17.13	0.0792 2.012
TW 141AM.05/25 ACL:1T1869 CLE:TW- 453S DAI:T5038A FMO:1064AF NDC:TW-1621A OEM:8-94257-903-0	W 141	1 Pair		2.1654/ 2.1752 55.001/ 55.250	2.7539/ 2.7638 69.949/ 70.201	0.0000 0.00	0.0870 2.210
6	4XE1 SOHC 12 valve	2/1990-93	1588 cc	80.00 X 79.00	4 cyl	Gemini, Impulse, Stylus	6
	4XE1WT Turbo DOHC 16 valve	1991-92	1588 cc	80.00 X 79.00	4 cyl	Impulse	
CR4074AM <i>IS IDENTICAL TO CR4004AM</i> <i>Under Development</i> CLE:CB-1478 (4) DAI:R5039K FMO:4-4455RA GLA:B4803LC NDC:CB-1626GP OEM:8-94481-860-862-OVAN:VPR92811LC	C4004 C4074	4 Pairs		1.5726/ 1.5734 39.944/ 39.964	1.6921/ 1.6929 42.979/ 43.000	0.6693 17.00	0.0595 1.511
MB5128AM <i>STD/25/5/75/1.0</i> ACL:5M1867 CLE:MS-2017P FMO:7284M GLA:M5599SA NDC:MS-1626 OEM:8-94360-467	M5128U M5128L	5 Pairs		2.0440/ 0.0000 51.918/ 0.000	0.0000/ 2.2048 0.000/ 56.002	0.6693 17.00	0.0795 2.019
TW 142AM ACL:1T1867 CLE:TW-595S DAI:T4544A FMO:4456F GLA:W2416SA GLY:A261/2 NDC:TW-1626A OEM:8-94321-679-0 VAN:VPW95300A	W 142	1 Pair		2.3130/ 2.3228 58.750/ 58.999	2.9016/ 2.9114 73.701/ 73.950	0.0000 0.00	0.0870 2.210
7	4EE1-T	2/1990-	1686 cc	79.00 X 86.00	4 cyl		7
CR4207XA <i>STD/25/5/75/1.0/1.25/1.5</i> ACL:4B1816 DAI:R4540A FMO:4-4285RA GLA:B4774SA NDC:CB-1624A	C4207U C4207	4 Pairs		1.8085/ 1.8093 45.936/ 45.956	1.9282/ 1.9291 48.976/ 48.999	0.6575 16.70	0.0591 1.501

ISUZU				ISUZU				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
OEM: 8-94151-604-606-0VAN: VPR92634A								
MB5078SI STD/.25/.5/.75/1.0/1.25/1.5 DAI: M4541A FMO: 7235M GLA: M5567SA GLY: H1127/5 NDC: MS-1625 OEM: 8-94154-014-017-0VAN: VPM92862LC	M5078U M5078L	5 Pairs	1-5	2.0440/ 2.0448 51.918/ 51.938	2.2038/ 2.2047 55.977/ 55.999	0.6083 15.45	0.0791 2.009	
TW 142AM ACL: 1T1867 CLE: TW-595S DAI: T4544A FMO: 4456F GLA: W2416SA GLY: A261/2 NDC: TW-1626A OEM: 8-94321-679-0 VAN: VPW95300A	W 142	1 Pair		2.3130/ 2.3228 58.750/ 58.999	2.9016/ 2.9114 73.701/ 73.950	0.0000 0.00	0.0870 2.210	
8	4XF1 DOHC 16 valve	1992-93	1809 cc	80.00 X 90.00	4 cyl	Impulse, Stylus	8	
MB5128AM STD/.25/.5/.75/1.0 ACL: 5M1867 CLE: MS-2017P FMO: 7284M GLA: M5599SA NDC: MS-1626 OEM: 8-94360-467	M5128U M5128L	5 Pairs		2.0440/ 0.0000 51.918/ 0.000	0.0000/ 2.2048 0.000/ 56.002	0.6693 17.00	0.0795 2.019	
TW 142AM ACL: 1T1867 CLE: TW-595S DAI: T4544A FMO: 4456F GLA: W2416SA GLY: A261/2 NDC: TW-1626A OEM: 8-94321-679-0 VAN: VPW95300A	W 142	1 Pair		2.3130/ 2.3228 58.750/ 58.999	2.9016/ 2.9114 73.701/ 73.950	0.0000 0.00	0.0870 2.210	
9	G130	1966-72	1325 cc	75.00 X 75.00	4 cyl	Gemini, Piazza, Coupe	9	
	G150	1966-75	1471 cc	79.00 X 75.00	4 cyl	Gemini, Piazza, Coupe		
	G161	1966-86	1584 cc	82.00 X 75.00	4 cyl			
	G180 SOHC 8 valve	1969-7/87	1817 cc	84.00 X 82.00	4 cyl	I-Mark (RWD), Pick-up		
	G200 SOHC 8 valve	12/1978-4/88	1949 cc	87.00 X 82.00	4 cyl	Impulse, Pick-up, Trooper II		
CR4141SI <i>All 8 halves with partial groove and two oil holes: - 3 mm hole at 20 degrees from the center line; - 4 mm hole at 41 degrees from the center line.</i> ACL: 4B2821 CLE: CB1371 (4) ~ DAI: R5013K FMO: 4-3570CPB GLA: B4811SA NDC: CB-1032GP OEM: 8-94251-094-2 VAN: VPR92720A	C4141	4 Pairs		1.9262/ 1.9268 48.925/ 48.941	2.0466/ 2.0472 51.984/ 51.999	0.8710 22.12	0.0596 1.514	
CS 329BB <i>Balance shaft bearing.</i> ACL: 3C1190S CLE: SH-1190S DUR: CHG-14 FMO: 1444M								
MB 540AM STD/.25/.5/.75/1.0/1.25/1.5 ACL: 5M2817 CLE: MS-1298AL DAI: M5014K FMO: 5028M GLA: M5270SA GLY: H1145/5 NDC: MS-1103GP OEM: 8-94215-641-0 VAN: VPM91677	M 540/1 M 540/2	3 Pairs 2 Pairs	1-3-5 2-4	2.2016/ 2.2022 55.921/ 55.936 2.2016/ 2.2022 55.921/ 55.936	2.3220/ 2.3228 58.979/ 58.999 2.3220/ 2.3228 58.979/ 58.999	1.2650 32.13 0.8310 21.11	0.0596 1.514 0.0596 1.514	
TW 118AM STD ACL: 1T3286/1T1824 CLE: TW- 451S DAI: T 500A FMO: 3571BF GLA: W2188SA K.S: TW-1616A NDC: TW-1616A OEM: 8-94210-750-1 VAN: VPW95068	W 118	1 Pair		2.5098/ 2.5197 63.749/ 64.000	3.1575/ 3.1673 80.201/ 80.449	0.0000 0.00	0.0929 2.360	
10	134 Chevrolet LN2 OHV	1997-00	2180 cc	89.00 X 88.00	4 cyl	Hombre	10	
CR4423AM STD/001/010/020/030/040/060 ACL: 4B745 CLE: CB- 745AL (4) FMO: 4-2020CP GLA: B4420SA OEM: 8-12522-143-0 VAN: VPR91044	C 624	4 Pairs		1.9990/ 2.0000 50.775/ 50.800	2.1247/ 2.1252 53.967/ 53.980	0.8420 21.39	0.0621 1.577	
CS 528BB ACL: 5C1195 CLE: SH-1365S DUR: CH-19 FMO: 1485M								
MB5088SI 1997-00 ACL: 5M7164 CLE: MS-2205P FMO: 7369M	M5530/1 M5088 F5531	3 Pairs 1 Pair 1 Pair	1,2,5 3 4	2.4944/ 2.4954 63.358/ 63.383 2.4944/ 2.4954 63.358/ 63.383 2.4944/ 2.4954 63.358/ 63.383	2.6870/ 2.6880 68.250/ 68.275 2.6870/ 2.6880 68.250/ 68.275 2.6870/ 2.6880 68.250/ 68.275	0.7420 18.85 0.8210 20.85 0.9420 23.93	0.0955 2.426 0.0955 2.426 0.0955 2.426	

ISUZU				ISUZU			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
MB557S <i>1993-96</i> ACL:5M7124 FMO:7047M	M5530/1 F5531	4 Pairs 1 Pair	1-2-3-5 4	2.4945/ 2.4954 63.360/ 63.383 2.4945/ 2.4954 63.360/ 63.383	2.6870/ 2.6880 68.250/ 68.275 2.6870/ 2.6880 68.250/ 68.275	0.7420 18.85 0.9420 23.93	0.0954 2.423 0.0954 2.423
11	X22SE DOHC 16 valve	1998-03	2198 cc	86.00 X 94.60	4 cyl	Amigo, Rodeo	11
CR4017AM <i>Late model, Upper half - with one 4.0 mm hole at 12 degrees from the center line (or crown), lower half - plain.</i> ACL:4B1408 ~ FMO:4-1490CP GLY:71-3626/4 VAN:VPR92123LC	C4017 C 421L	4 Pairs		1.9280/ 1.9286 48.971/ 48.986	2.0472/ 2.0477 51.999/ 52.012	0.7600 19.30	0.0589 1.496
MB5247AM <i>Flange length: STD-25.90 mm (FI STD), 0.25 (FI O/S 0.2mm), 0.5 (FI O/S 0.4mm), 0.75 (FI O/S 0.6mm), 1.0 (FI O/S 0.8mm)</i> ACL:5M2325 K.S:77 533 600	M5247 F5247	4 Pairs 1 Pair	1-2-4-5 3	2.2828/ 2.2833 57.983/ 57.996 2.2828/ 2.2833 57.983/ 57.996	2.4409/ 2.4415 61.999/ 62.014 2.4409/ 2.4415 61.999/ 62.014	0.7677 19.50 1.0197 25.90	0.0788 2.002 0.0788 2.002
12	C190 Diesel OHV	1971-5/88	1951 cc	86.00 X 84.00	4 cyl	Elf	12
	C223 Diesel OHV	7/1979-	2238 cc	88.00 X 92.00	4 cyl	Bighorn, Elf, Pick-up	
	C223T Turbo Diesel OHV	8/83-8/88	2238 cc	88.00 X 92.00	4 cyl	Pick-up, Trooper II	
CR 474S CLE:CB-1093AL (4) FMO:4-67325CP GLY:71-4325/4 OEM:8-94142208-0 VAN:VPR92016	C 474	4 Pairs		2.0833/ 2.0838 52.916/ 52.929	2.2041/ 2.2047 55.984/ 55.999	0.8380 21.29	0.0596 1.514
MB5098AM <i>Under Development For C190 1971-8/81</i> DAI:M4532K GLA:M5350SA NDC:MS-1138GP	M5098/1 M5098/2 M5098/3	2 Pairs 2 Pairs 1 Pair	1,5 2,4 3	0.0000/ 2.3595 0.000/ 59.931 0.0000/ 2.3595 0.000/ 59.931 0.0000/ 2.3595 0.000/ 59.931	2.5187/ 2.5197 63.975/ 64.000 2.5187/ 2.5197 63.975/ 64.000 2.5187/ 2.5197 63.975/ 64.000	1.2047 30.60 0.9106 23.13 1.5012 38.13	0.0795 2.019 0.0795 2.019 0.0795 2.019
MB5157AM DAI:M 536A GLA:M5422LC OEM:5-11510-036-0	M5157/1 M5157/2 M5157/3	2 Pairs 2 Pairs 1 Pair	1-5 2-4 3	2.3591/ 2.3595 59.921/ 59.931 2.3591/ 2.3595 59.921/ 59.931 2.3591/ 2.3595 59.921/ 59.931	2.5187/ 2.5197 63.975/ 64.000 2.5187/ 2.5197 63.975/ 64.000 2.5187/ 2.5197 63.975/ 64.000	1.0878 27.63 0.9106 23.13 1.1299 28.70	0.0800 2.032 0.0800 2.032 0.0800 2.032
TW 163AM ACL:1T1192 NDC:TW-1622GP	W 163	1 Pair		2.8661/ 2.8760 72.799/ 73.050	3.4232/ 3.4331 86.949/ 87.201	0.0000 0.00	0.0945 2.400
13	4ZA1	1981	1584 cc	82.00 X 84.00	4 cyl	Fargo, Piazza	13
	4ZB1	1981-90	1584 cc	82.00 X 84.00	4 cyl	Fargo, Piazza	
	4ZB1-T	1986-88	1584 cc	82.00 X 84.00	4 cyl	Fargo, Piazza	
	4ZC1 SOHC 8 valve	1986-88	1584 cc	88.00 X 82.00	4 cyl	Fargo, Piazza	
	4ZC1T Turbo SOHC 8 valve	1983-90	1584 cc	88.00 X 82.00	4 cyl	Fargo, Impulse, Piazza	
	G200	4/1988-89	1949 cc	87.00 X 82.00	4 cyl	Coupe	
	4ZD1 SOHC 8 valve	1984-95	2254 cc	89.30 X 82.00	4 cyl	Amigo, Impulse, Pick-up, Trooper II	
CR4141S <i>All 8 halves with partial groove and two oil holes: - 3 mm hole at 20 degrees from the center line; - 4 mm hole at 41 degrees from the center line.</i> ACL:4B2821 DAI:R5013K GLA:B4811SA	C4141	4 Pairs		1.9262/ 1.9268 48.925/ 48.941	2.0466/ 2.0472 51.984/ 51.999	0.8710 22.12	0.0596 1.514

ISUZU					ISUZU				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
OEM: 8-94251-094-2 VAN: VPR92720A MB5559AM STD/.25/.5/.75/1.0/1.25/1.5 ACL: SM1882 CLE: MS-1775 DAI: M5022A FMO: 6631M GLA: M5445SA GLY: H1225/5 NDC: MS-1620GP OEM: 8-94446-581-1 OEM: 5-11510-030-0	M5559	5 Pairs		2.2016/ 2.2020 55.921/ 55.931	0.0000/ 2.3622 0.000/ 60.000	0.8610 21.87	0.0791 2.009		
TW 118AM STD ACL: 1T3286/1T1824 CLE: TW- 451S DAI: T 500A FMO: 3571BF GLA: W2188SA K.S: TW-1616A NDC: TW-1616A OEM: 8-94210-750-1 VAN: VPW95068	W 118	1 Pair		2.5098/ 2.5197 63.749/ 64.000	3.1575/ 3.1673 80.201/ 80.449	0.0000 0.00	0.0929 2.360		
14	C201PT Diesel OHV	1969-	1991 cc	83.00 X 92.90	4 cyl	XNWD, SBI, SBICDI/ESPt, Super GS1250, Super NWD, Super NWD/ESPt, Super UWD, TWD, XNWD.ESPt	14		
	C221	1968-79	2207 cc	83.00 X 102.00	4 cyl				
	C240 Diesel OHV	1969-88	2369 cc	86.00 X 102.00	4 cyl	Elf			
CR 474SI STD/.25/.5/.75/1.0 CLE: CB-1093AL (4) DAI: R4536A FMO: 4-67325CP GLA: B4568SA GLY: 71-4325/4 NDC: CB-1070 OEM: 8-94142208-0 OEM: 5-12271-005-0 VAN: VPR92016	C 474	4 Pairs		2.0833/ 2.0838 52.916/ 52.929	2.2041/ 2.2047 55.984/ 55.999	0.8380 21.29	0.0596 1.514		
MB 597AM STD/.25/.5/.75/1.0 <i>Under Development</i> CLE: MS-1293AL DAI: M4525K FMO: 6781M GLA: M5341SA GLY: H1149/5 K.S: MS-1610GP NDC: MS-1610 OEM: 5-11510021-1 OEM: 5-11510-005-0 VAN: VPM92023	M 597/1 M 597/1	2 Pairs	1,5	2.7527/ 2.7532 69.919/ 69.931	2.9124/ 2.9134 73.975/ 74.000	1.2000 30.48	0.0794 2.017		
	M 597/2 M 597/2	2 Pairs	2-4	2.7527/ 2.7532 69.919/ 69.931	2.9123/ 2.9134 73.972/ 74.000	0.8450 21.46	0.0794 2.017		
	M 597/3 M 597/3	1 Pair	3	2.7527/ 2.7532 69.919/ 69.931	2.9124/ 2.9134 73.975/ 74.000	1.4150 35.94	0.0794 2.017		
TW 146AM STD/.25 DAI: T4651A GLY: A225/4 NDC: TW-1070GP OEM: 8-94130-923-0	W 146	1 Pair	3	3.0630/ 3.0728 77.800/ 78.049	3.6594/ 3.6693 92.949/ 93.200	0.0000 0.00	0.0976 2.479		
15	4FA1, 4FA1-T	1/19881-89	1487 cc	76.00 X 82.00	4 cyl	Gemini, Fargo	15		
	4FE1, 4FE1-T	5/1985-	1499 cc	76.30 X 82.00	4 cyl				
	4FB1, 4FB1-T	1979-86	1817 cc	84.00 X 82.00	4 cyl	Gemini, Fargo, I-Mark Diesel (RWD)			
	4FC1, 4FC1-T	1980-91	1995 cc	84.00 X 90.00	4 cyl	Gemini, Fargo			
	4FD1	3/1983- 11/88	2189 cc	76.30 X 82.00	4 cyl	Gemini, Fargo			
	4FG1	11/89-6/90	2380 cc	89.00 X 95.00	4 cyl	Gemini, Fargo			
CR 445CP <i>Under Development</i> CLE: CB-1449P (4) DAI: R4521A FMO: 4-3885CP GLA: B4665LC GLY: 71-4349/4 NDC: CB-1616GP OEM: 5-12271-032-0 VAN: VPR92014	C 445*	4 Pairs		1.9264/ 1.9268 48.931/ 48.941	2.0464/ 2.4072 51.979/ 61.143	0.8661 22.00	0.0591 1.501		
MB5253CP <i>Under Development</i> CLE: MS-1669P DAI: M4521A FMO: 5141M GLA: M5446LC NDC: MS-1616GP OEM: 8-94110-927-0 VAN: VPM92015	M5253/1* M5253/1* M5253/3L*	4 Pairs 1 Pair	1,2,4,5 3	2.2015/ 2.2020 55.918/ 55.931 2.2015/ 2.2022 55.918/ 55.936	2.3614/ 2.3622 59.980/ 60.000 2.3614/ 2.3622 59.980/ 60.000	0.8606 21.86 0.8606 21.86	0.0793 2.014 0.0793 2.014		
TW 118AM STD ACL: 1T3286/1T1824 CLE: TW- 451S DAI: T 500A FMO: 3571BF GLA: W2188SA K.S: TW-1616A NDC: TW-1616A OEM: 8-94210-750-1 VAN: VPW95068	W 118	1 Pair		2.5098/ 2.5197 63.749/ 64.000	3.1575/ 3.1673 80.201/ 80.449	0.0000 0.00	0.0929 2.360		
16	4JE1	1987-	1862 cc	84.00 X 84.00	4 cyl		16		
	4JD1	1987-	2039 cc	84.00 X 92.00	4 cyl				

ISUZU				ISUZU			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
4JC1	1984-	2238 cc	88.00 X 92.00	4 cyl			
D201	1985-8/88	2238 cc	88.00 X 92.00	4 cyl			
4JA1	5/1985-90	2499 cc	93.00 X 92.00	4 cyl	Elf 150 2500 Truck, TFR54 2500 Truck, TFS54 2500 4WD Truck		
CR4269AM STD/.25/.5/.75/1.0 ACL:4B1890 DAI:R4650A FMO:4-1900RA GLA:B4717 GLY:01-4131/4 K.S:77 034 609 NDC:CB-1622GP OEM:8-94125-747-0 VAN:VPR92551	C4269	4 Pairs		2.0834/ 2.0839 52.918/ 52.931	2.2047/ 2.2041 55.999/ 55.984	1.0169 25.83	0.0596 1.514
CR4269CP STD/.25/.5/.75/1.0 CP VERSION IS OPTIONAL.	C4269	4 Pairs		2.0834/ 2.0839 52.918/ 52.931	2.2047/ 2.2041 55.999/ 55.984	1.0169 25.83	0.0596 1.514
MB5295AM STD/.25/.5/.75/1.0 ACL:5M1892 DAI:M4650A GLA:M5507 GLY:H1160/5 NDC:MS-1622GP OEM:8-94168-553-0 VAN:VPM92550	M5295U M5295L	5 Pairs	1-5	0.0000/ 2.3595 0.000/ 59.931	2.5197/ 0.0000 64.000/ 0.000	0.9067 23.03	0.0789 2.004
TW 163AM ACL:1T1192 DAI:T4650A NDC:TW-1622GP OEM:8-94125-752-0	W 163	1 Pair		2.8661/ 2.8760 72.799/ 73.050	3.4232/ 3.4331 86.949/ 87.201	0.0000 0.00	0.0945 2.400
17	4ZE1 SOHC 8 valve	8/1987-97	2559 cc	92.60 X 95.00	4 cyl	Amigo, Pick -up, Rodeo, Trooper II	17
CR4141SI All 8 halves with partial groove and two oil holes: - 3 mm hole at 20 degrees from the center line; - 4 mm hole at 41 degrees from the center line. ACL:4B2821 CLE:CB1371 (4) ~ DAI:R5013K FMO:4-3570CPB GLA:B4811SA NDC:CB-1032GP OEM:8-94251-094-2 VAN:VPR92720A	C4141	4 Pairs		1.9262/ 1.9268 48.925/ 48.941	2.0466/ 2.0472 51.984/ 51.999	0.8710 22.12	0.0596 1.514
MB5586AM STD/.25/.5/.75/1.0 ACL:5M1824 CLE:MS-1821AL DAI:M5523A FMO:7320M GLA:M5602SA NDC:MS-1627GP OEM:8-94320-176-0 OEM:8-94340-684-0	M5586 M5559	5 Pairs		2.2016/ 2.2020 55.921/ 55.931	2.3614/ 2.3622 59.980/ 60.000	0.8610 21.87	0.0791 2.009
TW 118AM STD ACL:1T3286/1T1824 CLE:TW- 451S DAI:T 500A FMO:3571BF GLA:W2188SA K.S:TW-1616A NDC:TW-1616A OEM:8-94210-750-1 VAN:VPM95068	W 118	1 Pair		2.5098/ 2.5197 63.749/ 64.000	3.1575/ 3.1673 80.201/ 80.449	0.0000 0.00	0.0929 2.360
18	4JB1	1/1984-	2771 cc	93.00 X 102.00	4 cyl	Elf 150 2800 Van, Elf 150 Super 2800 Van, Elf 250 2800 Truck, Trooper 2800 4WD	18
	4JB1-T	9/1988- 10/96	2771 cc	93.00 X 102.00	4 cyl	Bighorn 2800 4WD, Trooper 2800	
CR4269AM STD/.25/.5/.75/1.0 ACL:4B1890 DAI:R4650A FMO:4-1900RA GLA:B4717 GLY:01-4131/4 K.S:77 034 609 NDC:CB-1622GP OEM:8-94125-747-0 VAN:VPR92551	C4269	4 Pairs		2.0834/ 2.0839 52.918/ 52.931	2.2047/ 2.2041 55.999/ 55.984	1.0169 25.83	0.0596 1.514
CR4269CP STD/.25/.5/.75/1.0 CP VERSION IS OPTIONAL.	C4269	4 Pairs		2.0834/ 2.0839 52.918/ 52.931	2.2047/ 2.2041 55.999/ 55.984	1.0169 25.83	0.0596 1.514
MB5296AM STD/.25/.5/.75/1.0 ACL:5M1893 DAI:M4651A FMO:7112M GLA:M5508 GLY:H1078/5 NDC:MS-1623GP OEM:8-94168-552-0 VAN:VPM92552	M5296U M5296L	5 Pairs	1-5	2.7526/ 2.7532 69.916/ 69.931	2.9126/ 2.9134 73.980/ 74.000	0.9067 23.03	0.0787 1.999
TW 146AM STD/.25 DAI:T4651A GLY:A225/4 NDC:TW-1070GP OEM:8-94130-923-0	W 146	1 Pair	3	3.0630/ 3.0728 77.800/ 78.049	3.6594/ 3.6693 92.949/ 93.200	0.0000 0.00	0.0976 2.479
19	169 LK5 Vortec DOHC	2006	2800 cc	93.00 X 102.00	4 cyl	I-280	19
CR4529SI STD/010/020/030	C4529	4 Pairs		2.2319/ 2.2325	2.3749/ 2.3755	0.8110	0.0711

ISUZU					ISUZU				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
ACL:4B2290A OEM:12482716	CLE:CB-1811P(4)			56.690/ 56.706	60.322/ 60.338	20.60	1.806		
20	173 Chevrolet LL2 OHV	1989-92	2827 cc	89.00 X 76.00	4 cyl	Trooper II		20	
	189 Chevrolet LG6 OHV	1991-95	3135 cc	89.00 X 84.00	4 cyl	Pick up, Rodeo			
CR 605SI STD/.25/.5/.75/1.0/1.5 ACL:6B1238 ~ CLE:CB-1238AL(6) ~ FMO:6-3765 ~ VAN:VPR91939 ~	C 605	6 Pairs		1.9983/ 1.9993 50.757/ 50.782	2.1245/ 2.1255 53.962/ 53.988	0.7200 18.29	0.0622 1.580		
CS 428BB <i>Special oil control set with wider #2 and #3 bushings</i> ACL:4C1102SW CLE:SH-1364S DUR:CH-18A									
CS 429BB STD/010 ACL:4C1102 CLE:SH-1364S DUR:CH-18 FMO:1785M ~	S 429/1	1	1	1.8677/ 1.8697 47.440/ 47.490	2.0091/ 2.0100 51.031/ 51.054	0.6250 15.88	0.0691 1.755		
	S 429/2	2	2-3	1.8677/ 1.8697 47.440/ 47.490	1.9988/ 2.0002 50.770/ 50.805	0.6300 16.00	0.0640 1.626		
	S 429/4	1	4	1.8677/ 1.8697 47.440/ 47.490	2.0091/ 2.0100 51.031/ 51.054	0.6250 15.88	0.0691 1.755		
MB4080SI <i>FI STD length in all undersizes, except U/S 1.5mm. FI length in U/S 1.5mm is 0.25mm FI O/S length</i> ACL:4M2037A CLE:MS-2037P FMO:7242MA OEM: 8-12537-708-0	M4080/1U M4080/1L	2 Pairs	1,4	2.6473/ 2.6482 67.241/ 67.264	2.8406/ 2.8415 72.151/ 72.174	0.9820 24.94	0.0958 2.433		
	M4080/2U M4080/2L	1 Pair	2	2.6473/ 2.6482 67.241/ 67.264	2.8406/ 2.8415 72.151/ 72.174	0.7420 18.85	0.0958 2.433		
	F4080U F4080L	1 Pair	3	2.6473/ 2.6482 67.241/ 67.264	2.8406/ 2.8415 72.151/ 72.174	0.9420 23.93	0.0958 2.433		
MB4092SI <i>Same as MB4080SI, but with flange oversize 0.25 mm</i> Flange length: 24.18 mm									
MB4093SI <i>Same as MB4080SI, but with flange oversize 0.50 mm.</i> Flange length: 24.43mm									
MB4094SI <i>Same as MB4080SI, but with flange oversize 0.75 mm</i> Flange length: 24.68 mm.									
21	C330	1971-88	3318 cc	4 cyl	Elf 3300, Pick-up, Industrial			21	
CR4043CP FMO:4-3950CP GLA:B4597LC GLY:71-4341/6 NDC:CB-1603GP	C4043	4 Pairs		2.5165/ 2.5175 63.919/ 63.945	2.6770/ 2.6775 67.996/ 68.009	1.1780 29.92	0.0793 2.014		
MB5093AM <i>Under Development</i> DAI:M4634K FMO:3951CP GLA:M5376LC NDC:MS-1129GP OEM:5-11510-002-0	M5093*	5 Pairs	1-5	0.0000/ 2.9892 0.000/ 75.926	3.1890/ 0.0000 81.001/ 0.000	1.0906 27.70	0.0989 2.512		
TW 293AM <i>Under Development</i> DAI:T 433K NDC:TW-1100GP OEM:9-11585-065-0	W 293D W 293E	2 Pairs		0.0000/ 3.3169 0.000/ 84.249	3.9763/ 0.0000 100.998/ 0.000	0.0000 0.00	0.1181 3.000		
22	C330	1982-83	3318 cc	4 cyl	Elf 3300, Pick-up, Industrial			22	
CR4043CP FMO:4-3950CP GLA:B4597LC GLY:71-4341/6 NDC:CB-1603GP	C4043	4 Pairs		2.5165/ 2.5175 63.919/ 63.945	2.6770/ 2.6775 67.996/ 68.009	1.1780 29.92	0.0793 2.014		
MB5099AM <i>Under Development</i> DAI:M4654K OEM:5-11510-065-0	M5099*	5 Pairs	1-5	0.0000/ 2.9892 0.000/ 75.926	3.1890/ 0.0000 81.001/ 0.000	1.0906 27.70	0.0989 2.512		
TW 262AM <i>Under Development</i>	W 262	2 Pairs		0.0000/ 3.3170 0.000/ 84.252	3.9760/ 0.0000 100.990/ 0.000	0.0000 0.00	0.0984 2.499		

ISUZU				ISUZU			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
DAI:T 434K OEM:9-11585-601-0	NDC:TW-1129GP						
23	6VD1 SOHC 24 valve	1992-97	3165 cc	93.40 X 77.00	6 cyl	Rodeo, Trooper	23
	6VD1 DOHC 24 valve	1992-95	3165 cc	93.40 X 77.00	6 cyl	Trooper	
	6VD1W DOHC 24 valve	1998-04	3165 cc	93.40 X 77.00	6 cyl	Amigo, Rodeo	
	6VE1 DOHC 24 valve	1998-04	3494 cc	93.40 X 85.00	6 cyl	Axiom, Trooper, VehiCross	
CR6685AM STD/.25/.5/.75/1.0 ACL:6B1840 FMO:6-4920P	C6685 CLE:CB-1830P (6) OEM:8-97072-986-0	6 Pairs	1-6	2.1229/ 2.1235 53.922/ 53.937	2.2434/ 2.2441 56.982/ 57.000	0.6732 17.10	0.0597 1.516
MB4010AM STD/.25/.5/.75/1.0 ACL:4M1842 FMO:7408M	M4010/1 M4010A M4010B	2 Pairs	1,4	2.5165/ 2.5170 63.919/ 63.932	2.7157/ 2.7165 68.979/ 68.999	0.7299 18.54	0.0992 2.520
		2 Pairs	2,3	2.5165/ 2.5170 63.919/ 63.932	2.7157/ 2.7165 68.979/ 68.999	0.6512 16.54	0.0992 2.520
TW 171AM STD ACL:1T1842 FMO:4922F	W 171 CLE:TW- 6155 OEM:8-97014-208-0	1 Pair		2.7953/ 2.8051 71.001/ 71.250	3.8405/ 3.8504 97.549/ 97.800	0.0000 0.00	0.0770 1.956
24	211 L52 Vortec DOHC 20 Valve	2006	3500 cc	93.00 X 102.00	5 cyl	I-350	24
CR 525SI STD/010/020/030 ACL:5B2290A	C4529 CLE:CB-1811P (5)	5 Pairs		2.2319/ 2.2325 56.690/ 56.706	2.3749/ 2.3755 60.322/ 60.338	0.8110 20.60	0.0711 1.806
25	4BA1	1971-5/88	2775 cc	98.00 X 92.00	4 cyl	Elf 2800 Fire eng., Jornay 2800 Light Bus	25
	4BC1, 4BC2	4/1978-89	3268 cc	102.00 X 100.00	4 cyl		
	4BE1	1/1985-	3268 cc	105.00 X 105.00	4 cyl	Elf	
	4BE2	6/1986-	3268 cc	105.00 X 105.00	4 cyl	Elf	
	4BB1 Diesel OHV	1971-89	3595 cc	102.00 X 110.00	4 cyl	Elf 3600 Truck, Jornay 3600 Bus	
CR4043CP FMO:4-3950CP GLY:71-4341/6	C4043 GLA:B4597LC NDC:CB-1603GP	4 Pairs		2.5165/ 2.5175 63.919/ 63.945	2.6770/ 2.6775 67.996/ 68.009	1.1780 29.92	0.0793 2.014
MB5093AM <i>Under Development</i> 1971-12/78 DAI:M4634K GLA:M5376LC OEM:5-11510-002-0	M5093* FMO:3951CP NDC:MS-1129GP	5 Pairs	1-5	0.0000/ 2.9892 0.000/ 75.926	3.1890/ 0.0000 81.001/ 0.000	1.0906 27.70	0.0989 2.512
MB5099AM <i>Under Development</i> 9/81-10/85 DAI:M4654K	M5099* OEM:5-11510-065-0	5 Pairs	1-5	0.0000/ 2.9892 0.000/ 75.926	3.1890/ 0.0000 81.001/ 0.000	1.0906 27.70	0.0989 2.512
MB5136CP <i>Under Development</i> 12/78-9/1981 DAI:M4632K	M5136U* M5136U* M5136L*	4 Pairs	1-2-4-5	0.0000/ 2.9892 0.000/ 75.926	3.1890/ 3.1897 81.001/ 81.018	1.0957 27.83	0.0994 2.525
		1 Pair	3	0.0000/ 2.9892 0.000/ 75.926	3.1890/ 3.1897 81.001/ 81.018	1.0957 27.83	0.0994 2.525
MB5300AM STD/.25/.5/.75 <i>Under Development</i> 10/85- DAI:M4631K NDC:MS-1603GP	M5300U M5300U M5300L GLA:M5425LC OEM:5-11510-060-0	4 Pairs	1-2-4-5	0.0000/ 2.9892 0.000/ 75.926	3.1890/ 3.1897 81.001/ 81.018	1.0957 27.83	0.0994 2.525
		1 Pair	3	0.0000/ 2.9892 0.000/ 75.926	3.1890/ 3.1897 81.001/ 81.018	1.0957 27.83	0.0994 2.525
TW 262AM <i>Under Development</i> DAI:T 434K OEM:9-11585-601-0	W 262 NDC:TW-1129GP	2 Pairs		0.0000/ 3.3170 0.000/ 84.252	3.9760/ 0.0000 100.990/ 0.000	0.0000 0.00	0.0984 2.499
TW 263AM <i>Under Development</i> For MB5300AM only DAI:T 427A OEM:5-11685-001-0	W 263 NDC:TW-1155GP	2 Pairs		0.0000/ 3.4740 0.000/ 88.240	3.9760/ 0.0000 100.990/ 0.000	0.0000 0.00	0.0984 2.499
26	254 LL8 VORTEC DOHC 24	2002-2008	4200 cc	93.00 X 102.00	6 cyl	Ascender	26

ISUZU					ISUZU				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
Valve									
CR6833SI STD/010/020/030 ACL:6B2290A CLE:CB-1811P(6)	C4529	6 Pairs		2.2319/ 2.2325 56.690/ 56.706	2.3749/ 2.3755 60.322/ 60.338	0.8110 20.60	0.0711 1.806		
27	262 Chevrolet LB4 OHV	1996-00	4300 cc	4.00 X 3.48	4 cyl	Hombre		27	
CR6625SI STD/.25/.5/.75 ACL:6B1358A CLE:CB-1358AL(6) FMO:6-1020A	C6625	6 Pairs		2.2492/ 2.2498 57.130/ 57.145	2.3747/ 2.3757 60.317/ 60.343	0.7530 19.13	0.0620 1.575		
CR6683SI STD/.25/.5/.75 <i>Same as CR6625SI but with housing bore resized .002" larger.</i> ACL:6B1358PO/S2 CLE:CB-1794A(6) FMO:6-1020AX2	C6683	6 Pairs		2.2492/ 2.2498 57.130/ 57.145	2.3760/ 2.3770 60.350/ 60.376	0.7530 19.13	0.0630 1.600		
CS 414BB STD ACL:4C1089 CLE:SH-1350S DUR:CH-17 FMO:1463M	S 414/1	1	1	1.8682/ 1.8692 47.452/ 47.478	2.0190/ 2.0210 51.283/ 51.333	0.7400 18.80	0.0744 1.890		
	S 414/2	2	2,4	1.8682/ 1.8692 47.452/ 47.478	2.0090/ 2.0110 51.029/ 51.079	0.7450 18.92	0.0694 1.763		
	S 414/3	1	3	1.8682/ 1.8692 47.452/ 47.478	1.9990/ 2.0010 50.775/ 50.825	0.7400 18.80	0.0644 1.636		
CS1101BB <i>Aux. / Balance shaft rear bearing.</i>									
MB 445SI STD/001/010/020/030 ACL:4M1454 ~ CLE:MS-1454AL ~ FMO:5085MA VAN:VPM91820 ~	M 557U M 557L	3 Pairs	1-2-3	2.4484/ 2.4493 62.189/ 62.212	2.6406/ 2.6415 67.071/ 67.094	0.8070 20.50	0.0955 2.426		
	F 557U F 557L	1 Pair	4	2.4479/ 2.4488 62.177/ 62.200	2.6406/ 2.6415 67.071/ 67.094	1.7180 43.64	0.0955 2.426		
MB 452SI 010 <i>This set is .020" oversize housing of MB 445SI.</i> CLE:MS-1628P FMO:7380MA	M5570U M5570L	3 Pairs	1-2-3	2.4484/ 2.4493 62.189/ 62.212	2.6606/ 2.6615 67.579/ 67.602	0.8070 20.50	0.1055 2.680		
	F5570U F5570L	1 Pair	4	2.4479/ 2.4488 62.177/ 62.200	2.6606/ 2.6615 67.579/ 67.602	1.7180 43.64	0.1055 2.680		
28	4BD1, 4BD1T Diesel OHV	12/1978-91	3856 cc	102.00 X 118.00	4 cyl	NPR		28	
	4BD2TC Turbo intercooled Diesel OHV	1993-99	3856 cc	102.00 X 118.00	4 cyl	NPR			
	4BG1	6/1986-	4329 cc	105.00 X 125.00	4 cyl				
CR4043CP FMO:4-3950CP GLA:B4597LC GLY:71-4341/6 NDC:CB-1603GP	C4043	4 Pairs		2.5165/ 2.5175 63.919/ 63.945	2.6770/ 2.6775 67.996/ 68.009	1.1780 29.92	0.0793 2.014		
MB5309AM <i>Under Development</i> 4/1986- DAI:M4637A OEM:8-94132-813-0	M5309/1U*	4 Pairs	1-2-4-5	3.1460/ 3.1466 79.908/ 79.924	3.3464/ 3.3472 84.999/ 85.019	1.0917 27.73	0.0994 2.525		
	M5309/3U*	1 Pair	3	3.1460/ 3.1466 79.908/ 79.924	3.3464/ 3.3472 84.999/ 85.019	1.0917 27.73	0.0994 2.525		
MB5579AM 4/1980- ACL:SM1884	M5579U	4 Pairs	1-2-4-5	3.1460/ 3.1466 79.908/ 79.924	3.3464/ 3.3472 84.999/ 85.019	1.0560 26.82	0.0994 2.525		
	M5579U M5579L	1 Pair	3	3.1460/ 3.1466 79.908/ 79.924	3.3464/ 3.3472 84.999/ 85.019	1.0560 26.82	0.0994 2.525		
MB5579CP 4/1980- DAI:M4641K FMO:6628M GLA:M5441LC NDC:MS-1604 OEM:5-11510-064-0									
TW 263AM <i>Under Development</i> DAI:T 427A NDC:TW-1155GP OEM:5-11685-001-0	W 263	2 Pairs		0.0000/ 3.4740 0.000/ 88.240	3.9760/ 0.0000 100.990/ 0.000	0.0000 0.00	0.0984 2.499		
29	4HF1	5/1990-	4334 cc	112.00 X 110.00	4 cyl			29	

ISUZU				ISUZU			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
4HG1		4570 cc	115.00 X 110.00	4 cyl			
4HJ1		4985 cc	115.00 X 120.00	4 cyl			
CR4414CP <i>Under Development</i> ACL:4B1836 DAI:R4547K NDC:CB-1631GP OEM:8-97045-800~801-0	C4414*	4 Pairs		0.0000/ 2.5954 0.000/ 65.923	2.7553/ 2.7560 69.985/ 70.002	1.1980 30.43	0.0793 2.014
MB5310CP STD/.25/.5/.75 <i>Under Development</i> ACL:5M1837 DAI:M4547K NDC:MS-1631GP OEM:8-97045-915~917-0	M5310U M5310L	5 Pairs	1-5	0.0000/ 3.2250 0.000/ 81.915	3.4252/ 3.4260 87.000/ 87.020	1.0760 27.33	0.0991 2.517
TW 308AM <i>Under Development</i> DAI:T4547A NDC:TW-1631A OEM:8-94396-980-0	W 308D W 308E	1 Pair		0.0000/ 3.6515 0.000/ 92.748	4.3208/ 0.0000 109.748/ 0.000	0.0000 0.00	0.1181 3.000
	W 308D	1 Half		0.0000/ 3.6515 0.000/ 92.748	4.3208/ 0.0000 109.748/ 0.000	0.0000 0.00	0.1181 3.000
30	325 Chevrolet OHV Vortec Gen. III	2003-06	5300 cc	96.00 X 92.00	8 cyl	Ascender	30
CR 807SI STD/001/002/010/020/030/040/060/010 ACL:8B663 ~ CLE:CB- 663AL (8) ~ FMO:8-2555AP ~ GLA:B8102LC ~ VAN:VPR91324 ~	C 807	8 Pairs		2.0990/ 2.1000 53.315/ 53.340	2.2247/ 2.2252 56.507/ 56.520	0.8420 21.39	0.0621 1.577
CR 865SI STD/010/020/030/040 <i>Same as CR 807SI but with housing bore resized .002" larger</i> ACL:8B663AO/S2 CLE:CB-1776P (8) FMO:8-2555AX2	C 865	8 Pairs		2.0990/ 2.1000 53.315/ 53.340	2.2267/ 2.2272 56.558/ 56.571	0.8420 21.39	0.0631 1.603
CS5503BB <i>For 2003 1st design</i> ACL:5C100S CLE:SH-1814S DUR:CH-10 FMO:1888M							
CS5510BB <i>For 2003 2nd design and 2004</i> ACL:5C1001S CLE:SH-1995S DUR:CH-23							
MB5293SI STD/010/020/030 ACL:5M7298A CLE:MS-2199P ~ FMO:7298MA	M5293U M5293L	4 Pairs	1-2-4-5	2.5588/ 2.5593 64.994/ 65.006	2.7509/ 2.7514 69.873/ 69.886	0.8050 20.45	0.0955 2.426
	F5293U F5293L	1 Pair	3	2.5588/ 2.5593 64.994/ 65.006	2.7509/ 2.7514 69.873/ 69.886	1.0270 26.09	0.0955 2.426
31	350 Chevrolet OHV	1993-02	5700 cc	4.00 X 3.48	8 cyl	NPR	31
CR 807SI STD/001/002/010/020/030/040/060/010 ACL:8B663 ~ CLE:CB- 663AL (8) ~ FMO:8-2555AP ~ GLA:B8102LC ~ VAN:VPR91324 ~	C 807	8 Pairs		2.0990/ 2.1000 53.315/ 53.340	2.2247/ 2.2252 56.507/ 56.520	0.8420 21.39	0.0621 1.577
CR 865SI STD/010/020/030/040 <i>Same as CR 807SI but with housing bore resized .002" larger</i> ACL:8B663AO/S2 CLE:CB-1776P (8) FMO:8-2555AX2	C 865	8 Pairs		2.0990/ 2.1000 53.315/ 53.340	2.2267/ 2.2272 56.558/ 56.571	0.8420 21.39	0.0631 1.603
CS 507BB STD ACL:5C290 CLE:SH- 290S DUR:CH-8 FMO:1235M VAN:VPC979							
MB 557SI STD/001/002/010/020/030/040/010X/ST ACL:5M909 ~ CLE:MS- 909AL ~ FMO:4663M ~ GLA:M5338LC ~ VAN:VPM91338 ~	M 557U M 557L	4 Pairs	1-2-3-4	2.4484/ 2.4493 62.189/ 62.212	2.6406/ 2.6415 67.071/ 67.094	0.8070 20.50	0.0955 2.426
	F 557U F 557L	1 Pair	5	2.4479/ 2.4488 62.177/ 62.200	2.6406/ 2.6415 67.071/ 67.094	1.7180 43.64	0.0955 2.426
MB5183SI 010/020/030/040 <i>Same as MB 557SI but with flange oversize .010". Flange length: 43.89 mm</i>							

ISUZU				ISUZU				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
MB5184SI _{010/020/030/040} Same as MB 557SI but with flange oversize .020." Flange length: 44.15 mm.								
MB5185SI _{010/020/030/040} Same as MB 557SI but with flange oversize .030". Flange length: 44.44 mm								
MB5570SI ₀₁₀ This set is .020" oversize housing of MB 557SI.	M5570U M5570L	4 Pairs	1-2-3-4	2.4484/ 2.4493 62.189/ 62.212	2.6606/ 2.6615 67.579/ 67.602	0.8070 20.50	0.1055 2.680	
	F5570U F5570L	1 Pair	5	2.4479/ 2.4488 62.177/ 62.200	2.6606/ 2.6615 67.579/ 67.602	1.7180 43.64	0.1055 2.680	
32	365 Chevrolet OHV Vortec Gen. III	2004	6000 cc	101.60 X 92.00	8 cyl	NPR	32	
CR 807SI STD/001/002/010/020/030/040/060/010 ACL: 8B663 ~ CLE: CB- 663AL(8) ~ FMO: 8-2555AP ~ GLA: B8102LC ~ VAN: VPR91324 ~	C 807	8 Pairs		2.0990/ 2.1000 53.315/ 53.340	2.2247/ 2.2252 56.507/ 56.520	0.8420 21.39	0.0621 1.577	
CR 865SI _{STD/010/020/030/040} Same as CR 807SI but with housing bore resized .002" larger ACL: 8B663AO/S2 CLE: CB-1776P(8) FMO: 8-2555AX2	C 865	8 Pairs		2.0990/ 2.1000 53.315/ 53.340	2.2267/ 2.2272 56.558/ 56.571	0.8420 21.39	0.0631 1.603	
CS5510BB ACL: SC1001S CLE: SH-1995S DUR: CH-23								
MB5293SI _{STD/010/020/030} ACL: 5M7298A CLE: MS-2199P ~ FMO: 7298MA	M5293U M5293L	4 Pairs	1-2-4-5	2.5588/ 2.5593 64.994/ 65.006	2.7509/ 2.7514 69.873/ 69.886	0.8050 20.45	0.0955 2.426	
	F5293U F5293L	1 Pair	3	2.5588/ 2.5593 64.994/ 65.006	2.7509/ 2.7514 69.873/ 69.886	1.0270 26.09	0.0955 2.426	
33	GD150	1965-74	5654 cc	100.00 X 120.00	6 cyl		33	
	DA120	1965-81	6126 cc	100.00 X 130.00	6 cyl			
CR 692AM CLE: CB-1091P(6) FMO: 6-3115CPA GLA: B6525LC OEM: 912271121 VAN: VPR91624	C 692	6 Pairs		2.5169/ 2.5177 63.929/ 63.950	2.7559/ 2.7567 70.000/ 70.020	1.4750 37.47	0.1185 3.010	
MB 778AM CLE: MS-1287AL FMO: 6763M GLA: M7364LC NDC: MS-1052 OEM: 911510136 VAN: VPM91625	M 778/1L M 778/1U	6 Pairs	1-2-3-4- 5-6	2.9500/ 2.9508 74.930/ 74.950	3.2285/ 3.2290 82.004/ 82.017	1.1100 28.19	0.1380 3.505	
	M 778/7L M 778/7U	1 Pair	7	2.9500/ 2.9508 74.930/ 74.950	3.2285/ 3.2290 82.004/ 82.017	1.7370 44.12	0.1380 3.505	
34	DA640	1970-84	6373 cc	102.00 X 130.00	6 cyl		34	
	DA640-T	1966-84	6373 cc	102.00 X 130.00	6 cyl			
MB 778AM CLE: MS-1287AL FMO: 6763M GLA: M7364LC NDC: MS-1052 OEM: 911510136 VAN: VPM91625	M 778/1L M 778/1U	6 Pairs	1-2-3-4- 5-6	2.9500/ 2.9508 74.930/ 74.950	3.2285/ 3.2290 82.004/ 82.017	1.1100 28.19	0.1380 3.505	
	M 778/7L M 778/7U	1 Pair	7	2.9500/ 2.9508 74.930/ 74.950	3.2285/ 3.2290 82.004/ 82.017	1.7370 44.12	0.1380 3.505	
35	6BB1	1980-	5393 cc	102.00 X 110.00	6 cyl		35	
	6BD1,6BD1-T	1980-	5785 cc	102.00 X 118.00	6 cyl			
	6BF1, 6BF1-T	1980-88	6130 cc	105.00 X 118.00	6 cyl			
	6BG1	1/1984-	6494 cc	105.00 X	6 cyl			

ISUZU				ISUZU			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
6BG1-T	5/1985-	6494 cc	125.00 X 125.00	105.00 X 125.00	6 cyl		
CR6658CP DAI:R4036K FMO:6-3950CP GLA:B6524LC NDC:CB-1612GP OEM:5-12271-010-0	C4043	6 Pairs		2.5165/ 2.5175 63.919/ 63.945	2.6770/ 2.6775 67.996/ 68.009	1.1780 29.92	0.0793 2.014
MB7713CP DAI:M4029K FMO:7106M GLA:M7407LC NDC:MS-1612 OEM:1-11510-040-0	M5579U M5579L	7 Pairs		3.1460/ 3.1466 79.908/ 79.924	3.7464/ 3.3472 95.159/ 85.019	1.0560 26.82	0.0994 2.525
TW 263AM <i>Under Development</i> DAI:T 427A NDC:TW-1155GP OEM:5-11685-001-0	W 263	2 Pairs		0.0000/ 3.4740 0.000/ 88.240	3.9760/ 0.0000 100.990/ 0.000	0.0000 0.00	0.0984 2.499
36	6HE1-T	7127 cc	110.00 X 125.00	110.00 X 125.00	6 cyl		36
CR6770CP <i>Under Development</i> NDC:CB-1639GP OEM:8-97045-800 -1	C6770*	6 Pairs		0.0000/ 2.8709 0.000/ 72.921	3.0709/ 3.0716 78.001/ 78.019	1.1980 30.43	0.0991 2.517
MB7090CP <i>Under Development</i> DAI:M4007K NDC:MS-1632GP OEM:9-11510-127-0	M5310U* M5310L*	7 Pairs	1-7	0.0000/ 3.2250 0.000/ 81.915	3.4252/ 3.4260 87.000/ 87.020	1.0760 27.33	0.0991 2.517
TW 308AM <i>Under Development</i> DAI:T4547A NDC:TW-1631A OEM:8-94396-980-0	W 308D W 308E	1 Pair		0.0000/ 3.6515 0.000/ 92.748	4.3208/ 0.0000 109.748/ 0.000	0.0000 0.00	0.1181 3.000
	W 308D	1 Half		0.0000/ 3.6515 0.000/ 92.748	4.3208/ 0.0000 109.748/ 0.000	0.0000 0.00	0.1181 3.000
37	6HE1	7127 cc	110.00 X 125.00	110.00 X 125.00	6 cyl		37
	6HH1	8226 cc	115.00 X 132.00	115.00 X 132.00	6 cyl		
CR6769CP <i>Under Development</i> DAI:R4000K NDC:CB-1632GP OEM:8-97045-800-801-0	C4414*	6 Pairs		0.0000/ 2.5954 0.000/ 65.923	2.7553/ 2.7560 69.985/ 70.002	1.1980 30.43	0.0793 2.014
MB7090CP <i>Under Development</i> DAI:M4007K NDC:MS-1632GP OEM:9-11510-127-0	M5310U* M5310L*	7 Pairs	1-7	0.0000/ 3.2250 0.000/ 81.915	3.4252/ 3.4260 87.000/ 87.020	1.0760 27.33	0.0991 2.517
TW 308AM <i>Under Development</i> DAI:T4547A NDC:TW-1631A OEM:8-94396-980-0	W 308D W 308E	1 Pair		0.0000/ 3.6515 0.000/ 92.748	4.3208/ 0.0000 109.748/ 0.000	0.0000 0.00	0.1181 3.000
	W 308D	1 Half		0.0000/ 3.6515 0.000/ 92.748	4.3208/ 0.0000 109.748/ 0.000	0.0000 0.00	0.1181 3.000
38	6RA1, 6RA1-T	8/1981-	12023 cc	135.00 X 140.00	6 cyl	VHR,VHZ, MV,SHK,SHM,SHR,TDH,T MH, Series CXG,CXM,DVR,DXZ,EXR,E XZ	38
CR6783CP <i>Under Development</i> -6/1985 DAI:R4035K GLA:B6530 NDC:CB-1154 OEM:1-12271-009-0 VAN:VPR92695	C6783*	6 Pairs		0.0000/ 3.4616 0.000/ 87.925	3.7000/ 0.0000 93.980/ 0.000	1.6339 41.50	0.1185 3.010
CR6784CP <i>Under Development</i> 6/1985- DAI:R 449K GLA:B6653 NDC:CB-1614 OEM:1-12271-055-0 VAN:VPR92702	CR6784*	6 Pairs		0.0000/ 3.4616 0.000/ 87.925	3.7000/ 0.0000 93.980/ 0.000	1.5315 38.90	0.1185 3.010
MB7104CP <i>Under Development</i> DAI:M 448K GLA:M7477 NDC:MS-1613 OEM:1-11510-039-0 VAN:VPM92694	M7104/1U* M7104/1L*	5 Pairs	1-3,5,6	0.0000/ 3.9333 0.000/ 99.906	4.1720/ 0.0000 105.969/ 0.000	1.3386 34.00	0.1185 3.010
	M7104/4U*	1 Pair	4	0.0000/ 3.9333	4.1720/ 0.0000	2.0079	0.1185

ISUZU				ISUZU			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
	M7104/4L*			0.000/ 99.906	105.969/ 0.000	51.00	3.010
	M7104/7U* M7104/7L*	1 Pair	7	0.0000/ 3.9333 0.000/ 99.906	4.1720/ 0.0000 105.969/ 0.000	1.9488 49.50	0.1185 3.010
TW 264AM <i>Under Development</i> DAI:T4048K NDC:TW-1613K OEM:1-11515-040-0	W 264	2 Pairs		0.0000/ 4.3800 0.000/111.252	5.4720/ 0.0000 138.989/ 0.000	0.0000 0.00	0.1370 3.480
39	6RB1, 6RB1-T	8/1981-	13741 cc	135.00 X 160.00	6 cyl	CXR,CXZ,CYZ,EXR,EXZ,L V, SQM,SQZ, TMQ,VQR,VQZ, Series CQA,CQM,CQR,CVR,CXG, CXM	39
	6RB2	11/1981-	13741 cc	135.00 X 160.00	6 cyl	Series CQA,CQM	
CR6785CP <i>Under Development</i> DAI:R4048K NDC:CB-1613 VAN:VPR92674 GLA:B6645 OEM:1-12271-020-0	CR6785*	6 Pairs		0.0000/ 3.5404 0.000/ 89.926	3.8575/ 0.0000 97.981/ 0.000	1.6339 41.50	0.1185 3.010
MB7104CP <i>Under Development</i> DAI:M 448K NDC:MS-1613 VAN:VPM92694 GLA:M7477 OEM:1-11510-039-0	M7104/1U* M7104/1L*	5 Pairs	1-3,5,6	0.0000/ 3.9333 0.000/ 99.906	4.1720/ 0.0000 105.969/ 0.000	1.3386 34.00	0.1185 3.010
	M7104/4U* M7104/4L*	1 Pair	4	0.0000/ 3.9333 0.000/ 99.906	4.1720/ 0.0000 105.969/ 0.000	2.0079 51.00	0.1185 3.010
	M7104/7U* M7104/7L*	1 Pair	7	0.0000/ 3.9333 0.000/ 99.906	4.1720/ 0.0000 105.969/ 0.000	1.9488 49.50	0.1185 3.010
TW 264AM <i>Under Development</i> DAI:T4048K NDC:TW-1613K OEM:1-11515-040-0	W 264	2 Pairs		0.0000/ 4.3800 0.000/111.252	5.4720/ 0.0000 138.989/ 0.000	0.0000 0.00	0.1370 3.480

Engine Index: JAGUAR (BRITISH LEYLAND)

Engine-Code	Years	Cyl	CC	Line
2.4 O.H.C		6	2483	1
2.8 O.H.C		6	2792	4
3.4 O.H.C		6	3442	2
AJ6 DOHC 4 VALVE HEAD		6	3590	3
3.8 O.H.C		6	3781	4

Engine-Code	Years	Cyl	CC	Line
4.2 O.H.C		6	4235	5
4.2 O.H.C Fuel Injection		6	4235	5
5.3 O.H.C V12		12	5343	6
HE O.H.C V12		12	5343	6

Car Model Index: JAGUAR (BRITISH LEYLAND)

Model	Engine	Years	Cyl	CC	Line
240 Standard,MK II	2.4 O.H.C	1956-69	6	2483	1
420	4.2 O.H.C	1965-71	6	4235	5
E-type	4.2 O.H.C	1965-71	6	4235	5
E-type V12 SERIES III	5.3 O.H.C V12	1981-	12	5343	6
MK IX 3.8	3.8 O.H.C	1959-68	6	3781	4
MK X 3.8	3.8 O.H.C	1959-68	6	3781	4
Mk X	4.2 O.H.C	1965-71	6	4235	5
XJ12	5.3 O.H.C V12	1971-81	12	5343	6

Model	Engine	Years	Cyl	CC	Line
XJ12	HE O.H.C V12	1981-	12	5343	6
XJ6 2.8	2.8 O.H.C	1969-73	6	2792	4
XJ6 3.4	3.4 O.H.C	1975-	6	3442	2
XJ6 3.6 Saloon	AJ6 DOHC 4	1986-	6	3590	3
XJ6 4.2	4.2 O.H.C	1971-	6	4235	5
XJ6 Series III	4.2 O.H.C Fuel	1978-	6	4235	5
XJS	5.3 O.H.C V12	1971-81	12	5343	6
XJS	HE O.H.C V12	1981-	12	5343	6

Model	Engine	Years	Cyl	CC	Line
XJS 3.6	AJ6 DOHC 4	1983-	6	3590	3
XK150 3.8	3.8 O.H.C	1959-68	6	3781	4
Xk120	3.4 O.H.C	1949-54	6	3442	2

Model	Engine	Years	Cyl	CC	Line
Xk140	3.4 O.H.C	1955-68	6	3442	2
Xk150	3.4 O.H.C	1959-68	6	3442	2

JAGUAR (BRITISH LEYLAND)				JAGUAR (BRITISH LEYLAND)				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
1	2.4 O.H.C	2483 cc	82.99 X 76.50	6 cyl	240 Standard, MK II		1	
CR 697CP STD/010/020/030/040		C 697	6 Pairs		2.0856/ 2.0861 52.974/ 52.987	2.2330/ 2.2335 56.718/ 56.731	0.9750 24.77	0.0729 1.852
CLE:CB-1465 (6) FMO:6-2295CP GLA:B6545LC GLY:71-4371/6 VAN:VPR91777								
CS 801AM								
GLA:C8000M GLY:N180/8 VAN:VPC907								
2	3.4 O.H.C	3442 cc	82.99 X 105.99	6 cyl	XJ6 3.4, Xk120, Xk140, Xk150		2	
CR 697CP STD/010/020/030/040 1975-		C 697	6 Pairs		2.0856/ 2.0861 52.974/ 52.987	2.2330/ 2.2335 56.718/ 56.731	0.9750 24.77	0.0729 1.852
CLE:CB-1465 (6) FMO:6-2295CP GLA:B6545LC GLY:71-4371/6 VAN:VPR91777								
CS 801AM								
GLA:C8000M GLY:N180/8 VAN:VPC907								
MB 788CP STD/010/020/030/040 <i>Both (upper & lower) halves are full grooved in all positions.</i>		M 788/1	3 Pairs	1-4-7	2.7495/ 2.7500 69.837/ 69.850	2.9165/ 2.9170 74.079/ 74.092	1.5050 38.23	0.0828 2.103
ACL:7M2996 GLA:M7118LC GLY:H1196/7 VAN:VPM260		M 771/2U	4 Pairs	2-3-5-6	2.7495/ 2.7500 69.837/ 69.850	2.9165/ 2.9170 74.079/ 74.092	1.0000 25.40	0.0828 2.103
MB7061CP STD/010/020 <i>Both (upper & lower) halves are full grooved in all positions.</i>		M 771/1U	2 Pairs	1,7	2.7500/ 2.7505 69.850/ 69.863	2.9165/ 2.9170 74.079/ 74.092	1.3750 34.93	0.0825 2.096
CLE:MS-1831P GLA:M7373LB VAN:VPM91561		M 771/4	1 Pair	4	2.7500/ 2.7505 69.850/ 69.863	2.9165/ 2.9170 74.079/ 74.092	1.1300 28.70	0.0825 2.096
		M 771/2U	4 Pairs	2,3,5,6	2.7500/ 2.7505 69.850/ 69.863	2.9165/ 2.9170 74.079/ 74.092	1.0000 25.40	0.0825 2.096
3	AJ6 DOHC 4 VALVE HEAD	3590 cc	91.00 X 92.00	6 cyl	XJ6 3.6 Saloon, XJS 3.6 Coupe,Cabriolet		3	
CR6674CP STD/010/020		C6674	6 Pairs		2.0856/ 2.0861 52.974/ 52.987	2.2330/ 2.2335 56.718/ 56.731	0.9752 24.77	0.0720 1.829
CLE:CB-1498P (6) GLA:B6591LB VAN:VPR91987								
MB7731CP STD/010		M7731/1U M7731/1L	6 Pairs	1-3,5-7	3.0007/ 3.0012 76.218/ 76.230	3.1665/ 3.1670 80.429/ 80.442	0.9728 24.71	0.0820 2.083
CLE:MS-1869P (7) GLA:M7419LB VAN:VPM91898		M7731/4U M7731/4L	1 Pair	4	3.0007/ 3.0012 76.218/ 76.230	3.1665/ 3.1670 80.429/ 80.442	1.2000 30.48	0.0820 2.083
4	2.8 O.H.C	2792 cc	83.00 X 86.00	6 cyl	XJ6 2.8		4	
3.8 O.H.C		3781 cc	86.99 X 105.99	6 cyl	MK IX 3.8, MK X 3.8, XK150 3.8			
CR 697CP STD/010/020/030/040		C 697	6 Pairs		2.0856/ 2.0861 52.974/ 52.987	2.2330/ 2.2335 56.718/ 56.731	0.9750 24.77	0.0729 1.852
CLE:CB-1465 (6) FMO:6-2295CP GLA:B6545LC GLY:71-4371/6 VAN:VPR91777								
CS 801AM								
GLA:C8000M GLY:N180/8 VAN:VPC907								
MB 788CP STD/010/020/030/040 <i>Both (upper & lower) halves are full grooved in</i>		M 788/1	3 Pairs	1-4-7	2.7495/ 2.7500 69.837/ 69.850	2.9165/ 2.9170 74.079/ 74.092	1.5050 38.23	0.0828 2.103

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CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

JAGUAR (BRITISH LEYLAND)					JAGUAR (BRITISH LEYLAND)				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
<i>all positions.</i> ACL: 7M2996 GLY: H1196/7	GLA: M7118LC VAN: VPM260	M 771/2U	4 Pairs	2-3-5-6	2.7495/ 2.7500 69.837/ 69.850	2.9165/ 2.9170 74.079/ 74.092	1.0000 25.40	0.0828 2.103	
5	4.2 O.H.C		4235 cc	92.08 X 106.00	6 cyl	420, E-type, Mk X, XJ6 4.2			5
	4.2 O.H.C Fuel Injection		4235 cc	92.08 X 106.01	6 cyl	XJ6 Series III			
CR 697CP STD/010/020/030/040 CLE: CB-1465 (6) GLA: B6545LC VAN: VPR91777	FMO: 6-2295CP GLY: 71-4371/6	C 697	6 Pairs		2.0856/ 2.0861 52.974/ 52.987	2.2330/ 2.2335 56.718/ 56.731	0.9750 24.77	0.0729 1.852	
CS 801AM GLA: C8000M VAN: VPC907	GLY: N180/8								
MB 771CP STD/010/020/030 <i>Some earlier and later crankshafts are sursulf process hardened and the manufacturer recommends they not be reground. In positions 1,2,3,5,6,7 upper half is full grooved, lower half is partial grooved; position 4 has full groove in both halves.</i> ACL: 7M2992 FMO: 6129M VAN: VPM91167	CLE: MS-1810 GLA: M7294LC	M 771/1U M 771/1L	2 Pairs	1,7	2.7500/ 2.7505 69.850/ 69.863	2.9165/ 2.9170 74.079/ 74.092	1.3750 34.93	0.0825 2.096	
		M 771/4	1 Pair	4	2.7500/ 2.7505 69.850/ 69.863	2.9165/ 2.9170 74.079/ 74.092	1.1300 28.70	0.0825 2.096	
		M 771/2U M 771/2L	4 Pairs	2-3-5-6	2.7500/ 2.7505 69.850/ 69.863	2.9165/ 2.9170 74.079/ 74.092	1.0000 25.40	0.0825 2.096	
6	5.3 O.H.C V12		5343 cc	90.00 X 70.00	12 cyl	E-type V12 SERIES III, XJ12, XJS			6
	HE O.H.C V12		5343 cc	90.00 X 70.00	12 cyl	XJ12, XJS			
CR1203CP STD/010 GLA: B12006LC VAN: VPR91369		C1203	12 Pairs		2.2994/ 2.3000 58.405/ 58.420	2.4409/ 2.4415 61.999/ 62.014	0.7300 18.54	0.0693 1.760	
MB 792CP STD/010 GLA: M7325SB VAN: VPM91370		M 792/1	5 Pairs	1-2-3-5-6	3.0007/ 3.0012 76.218/ 76.230	3.1665/ 3.1670 80.429/ 80.442	0.9730 24.71	0.0818 2.078	
		M 792/4	1 Pair	4	3.0007/ 3.0012 76.218/ 76.230	3.1665/ 3.1670 80.429/ 80.442	1.2000 30.48	0.0818 2.078	
		M 792/7	1 Pair	7	3.0012/ 3.0017 76.230/ 76.243	3.1665/ 3.1670 80.429/ 80.442	1.2000 30.48	0.0815 2.070	

Engine Index: JAGUAR PERFORMANCE

Engine-Code	Years	Cyl	CC	Line
2.4 O.H.C		6	2483	2
2.8 O.H.C		6	2792	1
3.4 O.H.C		6	3442	1

Engine-Code	Years	Cyl	CC	Line
3.8 O.H.C		6	3781	1
4.2 O.H.C Fuel Injection		6	4235	2

Car Model Index: JAGUAR PERFORMANCE

Model	Engine	Years	Cyl	CC	Line

JAGUAR PERFORMANCE

JAGUAR PERFORMANCE

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CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

King Set No.		Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	2.8 O.H.C		2792 cc	83.00 X 86.00	6 cyl			1
	3.4 O.H.C		3442 cc	82.99 X 105.99	6 cyl			
	3.8 O.H.C		3781 cc	86.99 X 105.99	6 cyl			
CR 697XP _{STD/010/020/030}		C 697	6 Pairs		2.0856/ 2.0861 52.974/ 52.987	2.2330/ 2.2335 56.718/ 56.731	0.9750 24.77	0.0729 1.852
MB 788XP _{STD/010/020/030} <i>HIGH PERFORMANCE VERSION. Both (upper & lower) halves are full grooved in all positions.</i>		M 788/1	3 Pairs	1-4-7	2.7495/ 2.7500 69.837/ 69.850	2.9165/ 2.9170 74.079/ 74.092	1.5050 38.23	0.0828 2.103
		M 771/2U	4 Pairs	2-3-5-6	2.7495/ 2.7500 69.837/ 69.850	2.9165/ 2.9170 74.079/ 74.092	1.0000 25.40	0.0828 2.103
2	2.4 O.H.C		2483 cc	82.99 X 76.50	6 cyl			2
	4.2 O.H.C Fuel Injection		4235 cc	92.08 X 106.01	6 cyl			
CR 697XP _{STD/010/020/030}		C 697	6 Pairs		2.0856/ 2.0861 52.974/ 52.987	2.2330/ 2.2335 56.718/ 56.731	0.9750 24.77	0.0729 1.852

Engine Index: JEEP

Engine-Code	Years	Cyl	CC	Line
J8S L4 Renault 126Cl /2.1Liter,	01/1985-	4	2068	1
134Cl /2.2Liter L4 Hurricane, F-	01/1953-	4	2197	2
134Cl /2.2Liter L4 Lightning, L-	01/1941-	4	2197	2
148Cl /2.4Liter L4 Chrysler	01/2002-	4	2425	3
150Cl /2.5Liter L4 American	01/1983-	4	2458	4
150Cl /2.5Liter L4 American	01/1991-	4	2458	5
154Cl /2.5Liter L4 General	01/1980-	4	2474	6
173Cl /2.8Liter V6 General	01/1985-	6	2834	7
173Cl /2.8Liter V6 General	01/1984-	6	2834	8
225Cl /3.7Liter V6 General	01/1966-	6	3689	9
226Cl /3.7Liter V6 Chrysler	01/2002-	6	3703	10
226Cl /3.7Liter L6 Continental	01/1952-	6	3704	11
226Cl /3.7Liter L6 Continental L-	01/1954-	6	3704	11
230Cl /3.8Liter L6 Continental	01/1962-	6	3770	12

Engine-Code	Years	Cyl	CC	Line
232Cl /3.8Liter L6 American	01/1966-	6	3801	14
242Cl /4.0Liter L6 American	01/1987-	6	3965	14
242Cl /4.0Liter L6 American	01/1991-	6	3965	13
258Cl /4.2Liter L6 American	01/1971-	6	4227	14
287Cl /4.7Liter V8 Chrysler	01/1999-	8	4703	15
304Cl /5.0Liter V8 American	01/1971-	8	4981	18
318Cl /5.2Liter V8 Chrysler OHV,	01/1993-	8	5218	16
345Cl /5.7Liter V8 Chrysler	01/2005-	8	5654	20
350Cl /5.7Liter V8 General	01/1968-	8	5736	17
360Cl /5.9Liter V8 American	01/1970-	8	5899	18
360Cl /5.9Liter V8 Chrysler OHV,	01/1998-	8	5900	19
370Cl /6.1Liter V8 Chrysler	01/2006-	8	6059	20
401Cl /6.6Liter V8 American	01/1974-	8	6571	21

Car Model Index: JEEP

Model	Engine	Years	Cyl	CC	Line
38	134Cl /2.2Liter L4		4	2197	2
440	134Cl /2.2Liter L4		4	2197	2
441	134Cl /2.2Liter L4		4	2197	2
442	134Cl /2.2Liter L4		4	2197	2
454	134Cl /2.2Liter L4		4	2197	2
463	134Cl /2.2Liter L4		4	2197	2
473	134Cl /2.2Liter L4		4	2197	2
473VJ	134Cl /2.2Liter L4		4	2197	2
475	134Cl /2.2Liter L4		4	2197	2
48	134Cl /2.2Liter L4		4	2197	2
6-230	230Cl /3.8Liter L6		6	3770	12
Americar	134Cl /2.2Liter L4		4	2197	2
CJ2A	134Cl /2.2Liter L4		4	2197	2
CJ38	134Cl /2.2Liter L4		4	2197	2

Model	Engine	Years	Cyl	CC	Line
CJ3A	134Cl /2.2Liter L4		4	2197	2
CJ5	134Cl /2.2Liter L4		4	2197	2
CJ5	154Cl /2.5Liter L4		4	2474	6
CJ5	225Cl /3.7Liter V6		6	3689	9
CJ5	232Cl /3.8Liter L6		6	3801	14
CJ5	258Cl /4.2Liter L6		6	4227	14
CJ5	304Cl /5.0Liter V8		8	4981	18
CJ5A	134Cl /2.2Liter L4		4	2197	2
CJ5A	225Cl /3.7Liter V6		6	3689	9
CJ6	134Cl /2.2Liter L4		4	2197	2
CJ6	225Cl /3.7Liter V6		6	3689	9
CJ6	232Cl /3.8Liter L6		6	3801	14
CJ6	258Cl /4.2Liter L6		6	4227	14
CJ6	304Cl /5.0Liter V8		8	4981	18

Model	Engine	Years	Cyl	CC	Line
CJ6A	134CI /2.2Liter L4		4	2197	2
CJ6A	225CI /3.7Liter V6		6	3689	9
CJ7	150CI /2.5Liter L4		4	2458	4
CJ7	154CI /2.5Liter L4		4	2474	6
CJ7	232CI /3.8Liter L6		6	3801	14
CJ7	258CI /4.2Liter L6		6	4227	14
CJ7	304CI /5.0Liter V8		8	4981	18
Cherokee	J8S L4 Renault	1985-93	4	2068	1
Cherokee	150CI /2.5Liter L4	1984-99	4	2458	4
Cherokee	173CI /2.8Liter V6	1984-86	6	2834	7
Cherokee	242CI /4.0Liter L6	1984- 00	6	3965	14
Cherokee	258CI /4.2Liter L6	1974-84	6	4227	14
Cherokee	360CI /5.9Liter V8	1974-84	8	5899	18
Cherokee	401CI /6.6Liter V8	1974-78	8	6571	21
Comanche	J8S L4 Renault		4	2068	1
Comanche	150CI /2.5Liter L4	1985-93	4	2458	4
Comanche	173CI /2.8Liter V6	1985-86	6	2834	7
Comanche	242CI /4.0Liter L6		6	3965	14
Comanche	258CI /4.2Liter L6		6	4227	14
Commander	287CI /4.7Liter V8	2006	8	4703	15
Commander	345CI /5.7Liter V8		8	5654	20
Commander, Grand	226CI /3.7Liter V6		6	3703	10
DJ3A	134CI /2.2Liter L4		4	2197	2
DJ5	134CI /2.2Liter L4		4	2197	2
DJ5	225CI /3.7Liter V6		6	3689	9
DJ5	232CI /3.8Liter L6		6	3801	14
DJ6	134CI /2.2Liter L4		4	2197	2
DJ6	225CI /3.7Liter V6		6	3689	9
F4-134	134CI /2.2Liter L4		4	2197	2
FC150	134CI /2.2Liter L4		4	2197	2
FC150	134CI /2.2Liter L4		4	2197	2
FJ3	134CI /2.2Liter L4		4	2197	2
Gladiator	230CI /3.8Liter L6	1962-64	6	3770	12
Gladiator	232CI /3.8Liter L6	1962-71	6	3801	14
Gladiator	258CI /4.2Liter L6		6	4227	14
Gladiator	304CI /5.0Liter V8		8	4981	18
Gladiator	360CI /5.9Liter V8		8	5899	18
Gladiator	350CI /5.7Liter V8		8	5736	17
Grand Cherokee	242CI /4.0Liter L6		6	3965	14
Grand Cherokee	318CI /5.2Liter V8	1993-98	8	5218	16
Grand Cherokee	287CI /4.7Liter V8	1999-06	8	4703	15
Grand Cherokee	345CI /5.7Liter V8		8	5654	20
Grand Cherokee	370CI /6.1Liter V8		8	6059	20
Grand Wagoneer	258CI /4.2Liter L6	1984-88	6	4227	14
Grand Wagoneer	360CI /5.9Liter V8	1984-91	8	5899	18
Henry J	134CI /2.2Liter L4		4	2197	2
J10	232CI /3.8Liter L6		6	3801	14
J10	258CI /4.2Liter L6		6	4227	14
J10	360CI /5.9Liter V8		8	5899	18
J10	401CI /6.6Liter V8		8	6571	21
J20	232CI /3.8Liter L6		6	3801	14
J20	258CI /4.2Liter L6		6	4227	14
J20	360CI /5.9Liter V8		8	5899	18
J20	401CI /6.6Liter V8		8	6571	21
J2500	134CI /2.2Liter L4		4	2197	2
J2500	232CI /3.8Liter L6		6	3801	14
J2500	258CI /4.2Liter L6		6	4227	14
J2500	304CI /5.0Liter V8		8	4981	18
J2500	360CI /5.9Liter V8		8	5899	18
J2500	350CI /5.7Liter V8		8	5736	17
J2600	134CI /2.2Liter L4		4	2197	2
J2600	232CI /3.8Liter L6		6	3801	14
J2600	258CI /4.2Liter L6		6	4227	14
J2600	304CI /5.0Liter V8		8	4981	18
J2600	360CI /5.9Liter V8		8	5899	18

Model	Engine	Years	Cyl	CC	Line
J3800	232CI /3.8Liter L6		6	3801	14
J3800	258CI /4.2Liter L6		6	4227	14
J3800	304CI /5.0Liter V8		8	4981	18
J3800	360CI /5.9Liter V8		8	5899	18
J3800	350CI /5.7Liter V8		8	5736	17
J4500	134CI /2.2Liter L4		4	2197	2
J4500	232CI /3.8Liter L6		6	3801	14
J4500	258CI /4.2Liter L6		6	4227	14
J4500	304CI /5.0Liter V8		8	4981	18
J4500	360CI /5.9Liter V8		8	5899	18
J4500	350CI /5.7Liter V8		8	5736	17
J4600	134CI /2.2Liter L4		4	2197	2
J4600	232CI /3.8Liter L6		6	3801	14
J4600	258CI /4.2Liter L6		6	4227	14
J4600	304CI /5.0Liter V8		8	4981	18
J4600	360CI /5.9Liter V8		8	5899	18
J4600	350CI /5.7Liter V8		8	5736	17
J4700	134CI /2.2Liter L4		4	2197	2
J4700	232CI /3.8Liter L6		6	3801	14
J4700	258CI /4.2Liter L6		6	4227	14
J4700	304CI /5.0Liter V8		8	4981	18
J4700	360CI /5.9Liter V8		8	5899	18
J4700	350CI /5.7Liter V8		8	5736	17
J4800	134CI /2.2Liter L4		4	2197	2
J4800	232CI /3.8Liter L6		6	3801	14
J4800	258CI /4.2Liter L6		6	4227	14
J4800	304CI /5.0Liter V8		8	4981	18
J4800	360CI /5.9Liter V8		8	5899	18
J4800	350CI /5.7Liter V8		8	5736	17
JEEPstep	350CI /5.7Liter V8		8	5736	17
JEEPster	134CI /2.2Liter L4		4	2197	2
JEEPster	225CI /3.7Liter V6		6	3689	9
JEEPster	232CI /3.8Liter L6	1965-73	6	3801	14
JEEPster	258CI /4.2Liter L6		6	4227	14
JEEPster	304CI /5.0Liter V8		8	4981	18
JEEPster	360CI /5.9Liter V8		8	5899	18
Kaiser-Frazer	226CI /3.7Liter L6	1947-54	6	3704	11
Liberty	226CI /3.7Liter V6		6	3703	10
Liberty, TJ, Wrangler	148CI /2.4Liter L4		4	2425	3
Pick-Up	226CI /3.7Liter L6	1952-54	6	3704	11
Pick-Up	226CI /3.7Liter L6	1955-63	6	3704	11
Scrambler	150CI /2.5Liter L4	1983-86	4	2458	4
Scrambler	154CI /2.5Liter L4	1980-83	4	2474	6
Scrambler	258CI /4.2Liter L6	1980-86	6	4227	14
TJ	150CI /2.5Liter L4		4	2458	4
TJ, Wrangler	242CI /4.0Liter L6		6	3965	14
Truck and Utility	226CI /3.7Liter L6	1952-54	6	3704	11
Truck and Utility	226CI /3.7Liter L6	1955-61	6	3704	11
VJ2	134CI /2.2Liter L4		4	2197	2
VJ2	134CI /2.2Liter L4		4	2197	2
VJ3	134CI /2.2Liter L4		4	2197	2
Wagoneer	J8S L4 Renault	1985-90	4	2068	1
Wagoneer	134CI /2.2Liter L4		4	2197	2
Wagoneer	150CI /2.5Liter L4	1984-93	4	2458	4
Wagoneer	173CI /2.8Liter V6	1984-86	6	2834	7
Wagoneer	230CI /3.8Liter L6	1962-65	6	3770	12
Wagoneer	232CI /3.8Liter L6	1965-78	6	3801	14
Wagoneer	242CI /4.0Liter L6		6	3965	14
Wagoneer	258CI /4.2Liter L6	1974-84	6	4227	14
Wagoneer	304CI /5.0Liter V8		8	4981	18
Wagoneer	360CI /5.9Liter V8	1971-85	8	5899	18
Wagoneer	350CI /5.7Liter V8	1968-70	8	5736	17
Wagoneer	401CI /6.6Liter V8	1974-78	8	6571	21
Willys	226CI /3.7Liter L6	1952-54	6	3704	11

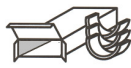




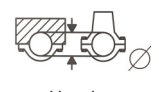


Model	Engine	Years	Cyl	CC	Line
Willys	226CI /3.7Liter L6	1948-63	6	3704	11
Wrangler	150CI /2.5Liter L4	1987-99	4	2458	4

Model	Engine	Years	Cyl	CC	Line
Wrangler	258CI /4.2Liter L6	1987-90	6	4227	14

JEEP						JEEP					
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness				
1	J8S L4 Renault 126CI /2.1Liter, SOHC, 8 Valves, Diesel Turbocharge	01/1985-12/1990	2068 cc	86.00 X 89.00	4 cyl	Cherokee, Comanche, Wagoneer	1				
CR4006AM STD/.25/.5/.75/1.0/1.25 CLE:CB-1311AL (4) FMO:4-66645RAB GLA:B4643SA GLY:01-4191/4 K.S:77 136 608 VAN:VPR91916A	C4006U C4006L	4 Pairs		2.2152/ 2.2160 56.266/ 56.286	2.3624/ 2.3630 60.005/ 60.020	0.8170 20.75	0.0725 1.842				
MB5544AM STD/.25/.5/.75/1.0/1.25 CLE:MS-1541AL FMO:6575M GLA:M5408SA GLY:H1052/5 K.S:77 124 608 OEM:7701348542 VAN:VPM92426	M5544	5 Pairs		2.4753/ 2.4761 62.873/ 62.893	2.6247/ 2.6255 66.667/ 66.688	0.9250 23.50	0.0740 1.880				
2	134CI /2.2Liter L4 Hurricane, F-HEAD, 8 Valves, Gasoline	01/1953-12/1973	2197 cc	3.13 X 4.38	4 cyl	454, 473, 473VJ, 475, CJ38, CJ5, CJ5A, CJ6, CJ6A, DJ5, DJ6, F4-134, FC150, FJ3, J2500, J2600, J4500, J4600, J4700, J4800, Jeepster, VJ2, VJ3, Wagoneer	2				
	134CI /2.2Liter L4 Lightning, L-HEAD, 8 Valves, Gasoline	01/1941-12/1968	2197 cc	3.13 X 4.38	4 cyl	38, 440, 441, 442, 463, 48, Americar, CJ2A, CJ3A, DJ3A, FC150, Henry J, VJ2, VJ3					
CR 401AM STD/010/020/030/040/050/060/070/080 ACL:4B9955 CLE:CB- 236M(4) FMO:4-9955SB GLA:B4234M	C 401	4 Pairs		1.9375/ 1.9385 49.213/ 49.238	2.0432/ 2.0440 51.897/ 51.918	1.0990 27.91	0.0523 1.328				
CS 101BB CLE:SH- 69S DUR:J-1 FMO:1091M GLA:GS7643S											
MB 319AM STD/010/020/030/040/050/060/070/080 ACL:3M9958 CLE:MS- 115 FMO:558M GLA:M3263M	F 319U F 319L	1 Pair	1	2.3331/ 2.3341 59.261/ 59.286	2.4995/ 2.5000 63.487/ 63.500	1.9210 48.79	0.0823 2.090				
	M 319/2U M 319/2L	1 Pair	2	2.3331/ 2.3341 59.261/ 59.286	2.4895/ 2.4900 63.233/ 63.246	1.8130 46.05	0.0773 1.963				
	M 319/3U M 319/3L	1 Pair	3	2.3331/ 2.3341 59.261/ 59.286	2.4795/ 2.4800 62.979/ 62.992	1.7500 44.45	0.0723 1.836				
3	148CI /2.4Liter L4 Chrysler POWER-TECH, DOHC, 16 Valves, vin 1, Gasoline	01/2002-12/2006	2425 cc	3.44 X 3.98	4 cyl	Liberty, TJ, Wrangler	3				
CR4256AM STD/.25/.5/.75 ACL:4B4565P CLE:CB-1668P(4) FMO:4-4565P	C4256	4 Pairs		1.9688/ 1.9695 50.008/ 50.025	2.0864/ 2.0869 52.995/ 53.007	0.7940 20.17	0.0584 1.483				
CR4271AM STD/.25/.5/.75 Same as CR4256AM but with housing bore resized .002" larger ACL:4B4565PO/S2 CLE:CB-1817P(4)	C4271	4 Pairs		1.9688/ 1.9695 50.008/ 50.025	2.0884/ 2.0889 53.045/ 53.058	0.7940 20.17	0.0593 1.506				
MB5270AM STD/.25/.5/.75 ACL:5M7313P CLE:MS-2201P FMO:7313M	M5270	4 Pairs	1,2,4,5	2.3619/ 2.3625 59.992/ 60.008	2.5197/ 2.5202 64.000/ 64.013	0.8510 21.62	0.0781 1.984				
	F5270	1 Pair	3	2.3619/ 2.3625 59.992/ 60.008	2.5197/ 2.5202 64.000/ 64.013	1.0970 27.86	0.0780 1.981				
4	150CI /2.5Liter L4 American Motors OHV, 8 Valves, vin E,H,U, Gasoline	01/1983-12/1990	2458 cc	3.88 X 3.19	4 cyl	CJ7, Cherokee, Comanche, Scrambler, TJ, Wagoneer, Wrangler	4				

JEEP				JEEP				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
CR4023SI STD/001/010/040/050/060 ACL: 4B960 CLE: CB- 960AL (4) FMO: 4-3310RAA	C 648	4 Pairs		2.0948/ 2.0955 53.208/ 53.226	2.2080/ 2.2085 56.083/ 56.096	0.8370 21.26	0.0560 1.422	
CR4352SI Same as CR4023SI but with housing bore resized .002" larger	C6805	4 Pairs		2.0948/ 2.0955 53.208/ 53.226	2.2100/ 2.2105 56.134/ 56.147	0.8370 21.26	0.0570 1.448	
CS 422BB STD/010 ACL: 4C549 CLE: SH-1980S DUR: N-7 FMO: 1244M	S 422/1	1	1	2.0295/ 2.0305 51.549/ 51.575	2.1555/ 2.1565 54.750/ 54.775	0.6900 17.53	0.0620 1.575	
	S 422/2	1	2	2.0195/ 2.0205 51.295/ 51.321	2.1455/ 2.1465 54.496/ 54.521	0.6900 17.53	0.0620 1.575	
	S 422/3	1	3	2.0095/ 2.0105 51.041/ 51.067	2.1355/ 2.1365 54.242/ 54.267	0.6900 17.53	0.0620 1.575	
	S 422/4	1	4	1.9995/ 2.0005 50.787/ 50.813	2.1255/ 2.1265 53.988/ 54.013	0.6900 17.53	0.0620 1.575	
MB5560SI STD/010/020/030/040 ACL: 5M1568 CLE: MS-1568P FMO: 6676M	M 763U M 763L	4 Pairs	1-3-4-5	2.4988/ 2.4995 63.470/ 63.487	2.6910/ 2.6920 68.351/ 68.377	0.9860 25.04	0.0953 2.421	
	F 763U F 763L	1 Pair	2	2.4988/ 2.4995 63.470/ 63.487	2.6910/ 2.6920 68.351/ 68.377	1.2700 32.26	0.0953 2.421	
5	150CI /2.5Liter L4 American Motors OHV, 8 Valves, vin P, Gasoline	01/1991-12/2002	2458 cc	3.88 X 3.19	4 cyl		5	
CR4023SI STD/001/010/040/050/060 ACL: 4B960 CLE: CB- 960AL (4) FMO: 4-3310RAA	C 648	4 Pairs		2.0948/ 2.0955 53.208/ 53.226	2.2080/ 2.2085 56.083/ 56.096	0.8370 21.26	0.0560 1.422	
CR4352SI Same as CR4023SI but with housing bore resized .002" larger	C6805	4 Pairs		2.0948/ 2.0955 53.208/ 53.226	2.2100/ 2.2105 56.134/ 56.147	0.8370 21.26	0.0570 1.448	
CS 422BB STD/010 ACL: 4C549 CLE: SH-1980S DUR: N-7 FMO: 1244M	S 422/1	1	1	2.0295/ 2.0305 51.549/ 51.575	2.1555/ 2.1565 54.750/ 54.775	0.6900 17.53	0.0620 1.575	
	S 422/2	1	2	2.0195/ 2.0205 51.295/ 51.321	2.1455/ 2.1465 54.496/ 54.521	0.6900 17.53	0.0620 1.575	
	S 422/3	1	3	2.0095/ 2.0105 51.041/ 51.067	2.1355/ 2.1365 54.242/ 54.267	0.6900 17.53	0.0620 1.575	
	S 422/4	1	4	1.9995/ 2.0005 50.787/ 50.813	2.1255/ 2.1265 53.988/ 54.013	0.6900 17.53	0.0620 1.575	
MB5148SI STD/010/020/030/040 ACL: 5M1948 CLE: MS-1948P FMO: 7217M	M5148U M 763L	4 Pairs	1-3-4-5	2.4988/ 2.4995 63.470/ 63.487	2.6910/ 2.6920 68.351/ 68.377	0.9860 25.04	0.0953 2.421	
	F5148U F 763L	1 Pair	2	2.4988/ 2.4995 63.470/ 63.487	2.6910/ 2.6920 68.351/ 68.377	1.2700 32.26	0.0953 2.421	
6	154CI /2.5Liter L4 General Motors OHV, 8 Valves, vin B, Gasoline	01/1980-12/1983	2474 cc	4.00 X 3.00	4 cyl	CJ5, CJ7, Scrambler	6	
CR4494SI STD/001/010/020/030/040/050/060 ACL: 4B610P CLE: CB- 610P (4) FMO: 4-2500RAA	C 811	4 Pairs		1.9995/ 2.0005 50.787/ 50.813	2.1247/ 2.1252 53.967/ 53.980	0.7420 18.85	0.0620 1.575	
CR4519SI STD/010/020/030/040 Same as CR4494SI but with housing bore resized .002" larger	C4519	4 Pairs		1.9995/ 2.0005 50.787/ 50.813	2.1267/ 2.1272 54.018/ 54.031	0.7420 18.85	0.0630 1.600	
CS 325BB ACL: 5C1030 CLE: SH-1030S DUR: CH-16 FMO: 1461M	S 325	3	1-2-3	1.8682/ 1.8692 47.452/ 47.478	1.9990/ 2.0010 50.775/ 50.825	0.8650 21.97	0.0644 1.636	
MB5313SI Same as MB5532SI but with flange oversize .020"								

JEEP				JEEP			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
MB5532SI STD/010/020/030/040/060 ACL:6B1238 ~ CLE:MS-1733P FMO:6-3765 ~ VAN:VPM91199	M5532U M 752L	4 Pairs	1-2-3-4	2.2983/ 2.2993 58.377/ 58.402	2.4906/ 2.4916 63.261/ 63.287	0.8070 20.50	0.0955 2.426
	F5532U F 752L	1 Pair	5	2.2983/ 2.2993 58.377/ 58.402	2.4900/ 2.4916 63.246/ 63.287	1.0090 25.63	0.0955 2.426
7	173CI /2.8Liter V6 General Motors OHV, 12 Valves, vin W, Gasoline	01/1985-12/1986	2834 cc	89.00 X 76.00	6 cyl	Cherokee, Comanche, Wagoneer	7
CR 605SI STD/.25/.5/.75/1.0/1.5 ACL:6B1238 ~ CLE:CB-1238AL (6) ~ FMO:6-3765 ~ VAN:VPR91939 ~	C 605	6 Pairs		1.9983/ 1.9993 50.757/ 50.782	2.1245/ 2.1255 53.962/ 53.988	0.7200 18.29	0.0622 1.580
CR6680SI STD/.25/.5/.75 Same as CR 605SI but with housing bore resized .002" larger ACL:6B1238PO/S2 CLE:CB-1797A (6)							
CS 428BB Special oil control set with wider #2 and #3 bushings ACL:4C1102SW CLE:SH-1364S DUR:CH-18A							
CS 429BB STD/010 ACL:4C1102 CLE:SH-1364S DUR:CH-18 FMO:1785M ~	S 429/1	1	1	1.8677/ 1.8697 47.440/ 47.490	2.0091/ 2.0100 51.031/ 51.054	0.6250 15.88	0.0691 1.755
	S 429/2	2	2-3	1.8677/ 1.8697 47.440/ 47.490	1.9988/ 2.0002 50.770/ 50.805	0.6300 16.00	0.0640 1.626
	S 429/4	1	4	1.8677/ 1.8697 47.440/ 47.490	2.0091/ 2.0100 51.031/ 51.054	0.6250 15.88	0.0691 1.755
MB4080SI FI STD length in all undersizes, except U/S 1.5mm. FI length in U/S 1.5mm is 0.25mm FI O/S length ACL:4M2037A CLE:MS-2037P FMO:7242MA OEM: 8-12537-708-0	M4080/1U M4080/1L	2 Pairs	1,4	2.6473/ 2.6482 67.241/ 67.264	2.8406/ 2.8415 72.151/ 72.174	0.9820 24.94	0.0958 2.433
	M4080/2U M4080/2L	1 Pair	2	2.6473/ 2.6482 67.241/ 67.264	2.8406/ 2.8415 72.151/ 72.174	0.7420 18.85	0.0958 2.433
	F4080U F4080L	1 Pair	3	2.6473/ 2.6482 67.241/ 67.264	2.8406/ 2.8415 72.151/ 72.174	0.9420 23.93	0.0958 2.433
MB4091SI	M4030/1U M4091/1L	2 Pairs	1-4	2.6473/ 2.6482 67.241/ 67.264	2.8605/ 2.8615 72.657/ 72.682	0.9820 24.94	0.1058 2.687
	M4030/2U M4091/2L	1 Pair	2	2.6473/ 2.6482 67.241/ 67.264	2.8605/ 2.8615 72.657/ 72.682	0.7420 18.85	0.1058 2.687
	F4030U F4091L	1 Pair	3	2.6473/ 2.6482 67.241/ 67.264	2.8605/ 2.8615 72.657/ 72.682	0.9410 23.90	0.1058 2.687
MB4092SI Same as MB4080SI, but with flange oversize 0.25 mm Flange length: 24.18 mm							
MB4093SI Same as MB4080SI, but with flange oversize 0.50 mm. Flange length: 24.43mm							
MB4094SI Same as MB4080SI, but with flange oversize 0.75 mm Flange length: 24.68 mm.							
8	173CI /2.8Liter V6 General Motors OHV, 12 Valves, vin W, Gasoline	01/1984-12/1985	2834 cc	89.00 X 76.00	6 cyl		8
CR 605SI STD/.25/.5/.75/1.0/1.5	C 605	6 Pairs		1.9983/ 1.9993	2.1245/ 2.1255	0.7200	0.0622

JEEP				JEEP				
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness	
ACL:6B1238 ~ CLE:CB-1238AL(6) ~ FMO:6-3765 ~ VAN:VPR91939 ~				50.757/ 50.782	53.962/ 53.988	18.29	1.580	
CR6680SI STD/.25/.5/.75 <i>Same as CR 605SI but with housing bore resized .002" larger</i> ACL:6B1238PO/S2 CLE:CB-1797A(6)								
CS 428BB <i>Special oil control set with wider #2 and #3 bushings</i> ACL:4C1102SW CLE:SH-1364S DUR:CH-18A								
CS 429BB STD/010 ACL:4C1102 CLE:SH-1364S DUR:CH-18 FMO:1785M ~	S 429/1	1	1	1.8677/ 1.8697 47.440/ 47.490	2.0091/ 2.0100 51.031/ 51.054	0.6250 15.88	0.0691 1.755	
	S 429/2	2	2-3	1.8677/ 1.8697 47.440/ 47.490	1.9988/ 2.0002 50.770/ 50.805	0.6300 16.00	0.0640 1.626	
	S 429/4	1	4	1.8677/ 1.8697 47.440/ 47.490	2.0091/ 2.0100 51.031/ 51.054	0.6250 15.88	0.0691 1.755	
MB 427AM STD/.25/.5/.75/1.0/1.25 ACL:4M1494 CLE:MS-1494AL FMO:5090M VAN:VPM91940	M 427/1U M 427/1L	1 Pair	1	2.4937/ 2.4946 63.340/ 63.363	2.6870/ 2.6880 68.250/ 68.275	0.9700 24.64	0.0958 2.433	
	M 427/2U M 427/2L	1 Pair	2	2.4937/ 2.4946 63.340/ 63.363	2.6870/ 2.6880 68.250/ 68.275	0.7420 18.85	0.0958 2.433	
	F 427U F 427L	1 Pair	3	2.4937/ 2.4946 63.340/ 63.363	2.6870/ 2.6880 68.250/ 68.275	0.9420 23.93	0.0958 2.433	
	M 427/4U M 427/4L	1 Pair	4	2.4937/ 2.4946 63.340/ 63.363	2.6870/ 2.6880 68.250/ 68.275	1.2480 31.70	0.0958 2.433	
MB 491AM ₅ <i>Same as MB 427AM, but with flange oversize 0.25 mm</i> ACL:4M1493P FMO:7243M								
MB 492AM <i>Same as MB 427AM, but with flange oversize 0.5 mm</i>								
MB 493AM <i>Same as MB 427AM, but with flange oversize 0.75 mm</i>								
MB4270AM <i>020" oversize OD bearing</i>	M4270/2U M4270/2L	1 Pair	2	2.4937/ 2.4946 63.340/ 63.363	2.7070/ 2.7080 68.758/ 68.783	0.7420 18.85	0.1058 2.687	
	F4270U F4270L	1 Pair	3	2.4937/ 2.4946 63.340/ 63.363	2.7070/ 2.7080 68.758/ 68.783	0.9420 23.93	0.1058 2.687	
	M4270/4U M4270/4L	1 Pair	4	2.4937/ 2.4946 63.340/ 63.363	2.7070/ 2.7080 68.758/ 68.783	1.2480 31.70	0.1058 2.687	
	M4270/1U M4270/1L	1 Pair	1	2.4937/ 2.4946 63.340/ 63.363	2.7070/ 2.7080 68.758/ 68.783	0.9700 24.64	0.1058 2.687	
9	225CI /3.7Liter V6 General Motors OHV, 12 Valves, vin H,P, Gasoline	01/1966-12/1971	3689 cc	3.75 X 3.40	6 cyl	CJ5, CJ5A, CJ6, CJ6A, DJ5, DJ6, Jeepster	9	
CR6614SI STD/010/020/030/040/050/060 ACL:6B610P CLE:CB- 610P(6) FMO:6-2500RAA VAN:VPR91244	C 811	6 Pairs		1.9995/ 2.0005 50.787/ 50.813	2.1247/ 2.1252 53.967/ 53.980	0.7420 18.85	0.0620 1.575	
MB 443AM STD/010/020/030/040/060 <i>FI STD length in all undersizes.</i> ACL:4M960 CLE:MS- 960AL FMO:4263M VAN:VPM91265	M 443U M 443L	2 Pairs	1-3	2.4990/ 2.5000 63.475/ 63.500	2.6870/ 2.6880 68.250/ 68.275	0.8690 22.07	0.0935 2.375	
	M 443U M 443L1	1 Pair	4	2.4990/ 2.5000 63.475/ 63.500	2.6870/ 2.6880 68.250/ 68.275	0.8690 22.07	0.0935 2.375	
				2.4990/ 2.5000	2.6870/ 2.6880	1.0580	0.0935	

JEEP					JEEP			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
	F 443U F 443L	1 Pair	2	63.475/ 63.500	68.250/ 68.275	26.87	2.375	
MB 482AM _{010/020/030} Same as MB 443AM, but with flange oversize .010" Flange length: 27.12 mm ACL:4M1747P CLE:MS-1747								
MB 483AM Same as MB 443AM, but with flange oversize .020" Flange length: 27.37mm ACL:4M1688 CLE:MS-1688 FMO:7150M10								
MB 484AM Same as MB 443AM, but with flange oversize .030" Flange length: 27.62mm								
10	226CI /3.7Liter V6 Chrysler POWER-TECH, SOHC, 12 Valves, vin K, Gasoline	01/2002-12/2009	3703 cc	93.00 X 90.80	6 cyl	Commander, Grand Cherokee, Liberty	10	
CR6822SI _{STD/.25/.5/.75/1.0} w/o locating lug ACL:6B7200A FMO:6-4840A	C6822	6 Pairs		2.2794/ 2.2797 57.897/ 57.904	2.4092/ 2.4097 61.194/ 61.206	0.6500 16.51	0.0640 1.626	
CS2101BB _{STD} Under Development Balance shaft bearing set. CLE:SH-1997S DUR:PDG-30 FMO:1895M	S2101/1	1	1	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 2.3533 0.000/ 59.774	0.7100 18.03	0.0728 1.849	
	S2101/2	1	2	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 1.2903 0.000/ 32.774	0.7100 18.03	0.0728 1.849	
MB4102SI _{STD/.25/.26/.5/.75/1.0} Includes thrust washer ACL:4M7214A CLE:MS-2244P FMO:7386MA	M5284U M5284L	4 Pairs	1-4	2.4998/ 2.5002 63.495/ 63.505	2.6927/ 2.6931 68.395/ 68.405	0.8120 20.62	0.0962 2.443	
	W5284D W5284E	1 Pair		2.8471/ 2.8510 72.316/ 72.415	3.6345/ 3.6384 92.316/ 92.415	0.0000 0.00	0.1004 2.550	
TW 167AM _{STD} ACL:1T7214 CLE:TW-608S FMO:4706F	W5284D W5284E	1 Pair	3	2.8471/ 2.8510 72.316/ 72.415	3.6345/ 3.6384 92.316/ 92.415	0.0000 0.00	0.1004 2.550	
11	226CI /3.7Liter L6 Continental OHV, 12 Valves, Gasoline	01/1952-12/1965	3704 cc	3.31 X 4.38	6 cyl	Pick-Up, Truck and Utility, Willys	11	
	226CI /3.7Liter L6 Continental L-HEAD, 12 Valves, vin T, Gasoline	01/1954-12/1963	3704 cc	3.31 X 4.38	6 cyl	Kaiser-Frazer, Pick-Up, Truck and Utility, Willys		
CR 603AM _{STD/010/020/030/040/050/060} CLE:CB-465/466AL(6) FMO:6-1995CPA GLA:B6045M	C 603R C 603L	6 Pairs		2.0619/ 2.0627 52.372/ 52.393	2.1865/ 2.1870 55.537/ 55.550	1.1300 28.70	0.0619 1.572	
MB 414AM _{STD/050} CLE:MS- 144AL FMO:4247M GLA:M4154M	M 414/1	1 Pair	1	2.3744/ 2.3752 60.310/ 60.330	2.5615/ 2.5622 65.062/ 65.080	1.0670 27.10	0.0928 2.357	
	M 414/2	2 Pairs	2-3	2.3744/ 2.3752 60.310/ 60.330	2.5615/ 2.5622 65.062/ 65.080	1.3170 33.45	0.0928 2.357	
	F 414	1 Pair	4	2.3744/ 2.3752 60.310/ 60.330	2.5615/ 2.5622 65.062/ 65.080	1.6320 41.45	0.0928 2.357	
12	230CI /3.8Liter L6 Continental Tornado, SOHC, 12 Valves, Gasoline	01/1962-12/1965	3770 cc	3.34 X 4.38	6 cyl	6-230, Gladiator, Wagoneer	12	
CR 621AM _{010/020/030/050/060} CLE:CB- 729AL (6) FMO:6-2700CPA	C 621R C 621L	6 Pairs		2.0619/ 2.0627 52.372/ 52.393	2.1865/ 2.1870 55.537/ 55.550	0.9750 24.77	0.0615 1.562	
MB 417AM CLE:MS- 661AL FMO:4155M	M 417/1U M 417/1L	1 Pair	1	2.3747/ 2.3755 60.317/ 60.338	2.5615/ 2.5622 65.062/ 65.080	1.0000 25.40	0.0927 2.355	
	M 417/2U M 417/2L	2 Pairs	2-3	2.3747/ 2.3755 60.317/ 60.338	2.5615/ 2.5622 65.062/ 65.080	1.1910 30.25	0.0927 2.355	
	F 417U F 417L	1 Pair	4	2.3747/ 2.3755 60.317/ 60.338	2.5615/ 2.5622 65.062/ 65.080	1.6320 41.45	0.0927 2.355	

JEEP				JEEP				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
13	242CI /4.0Liter L6 American Motors POWER-TECH, OHV, 12 Valves, vin S, Gasoline	01/1991-12/2006	3965 cc	3.88 X 3.50	6 cyl		13	
CR 648SI STD/001/010/020/030/040/050/060 ACL:6B960 CLE:CB- 960AL(6) FMO:6-3310CPA VAN:VPR91284A	C 648	6 Pairs		2.0948/ 2.0955 53.208/ 53.226	2.2080/ 2.2085 56.083/ 56.096	0.8370 21.26	0.0560 1.422	
CR6805SI STD/010/020/030/040 Same as CR 648SI but with housing bore resized .002" larger	C6805	6 Pairs		2.0948/ 2.0955 53.208/ 53.226	2.2100/ 2.2105 56.134/ 56.147	0.8370 21.26	0.0570 1.448	
CS 422BB STD/010 ACL:4C549 CLE:SH-1980S DUR:N-7 FMO:1244M	S 422/1	1	1	2.0295/ 2.0305 51.549/ 51.575	2.1555/ 2.1565 54.750/ 54.775	0.6900 17.53	0.0620 1.575	
	S 422/2	1	2	2.0195/ 2.0205 51.295/ 51.321	2.1455/ 2.1465 54.496/ 54.521	0.6900 17.53	0.0620 1.575	
	S 422/3	1	3	2.0095/ 2.0105 51.041/ 51.067	2.1355/ 2.1365 54.242/ 54.267	0.6900 17.53	0.0620 1.575	
	S 422/4	1	4	1.9995/ 2.0005 50.787/ 50.813	2.1255/ 2.1265 53.988/ 54.013	0.6900 17.53	0.0620 1.575	
MB7719SI STD/010/020/030/040 ACL:7M8874 CLE:MS-1947P FMO:7211M	M5148U M 763L	6 Pairs	1-2-4-5-6-7	2.4988/ 2.4995 63.470/ 63.487	2.6910/ 2.6920 68.351/ 68.377	0.9860 25.04	0.0953 2.421	
	F5148U F 763L	1 Pair	3	2.4988/ 2.4995 63.470/ 63.487	2.6910/ 2.6920 68.351/ 68.377	1.2700 32.26	0.0953 2.421	
14	232CI /3.8Liter L6 American Motors HI-TORQUE, OHV, 12 Valves, vin E,H,P,U, Gasoline	01/1966-12/1978	3801 cc	3.75 X 3.50	6 cyl	CJ5, CJ6, CJ7, DJ5, Gladiator, J10, J20, J2500, J2600, J3800, J4500, J4600, J4700, J4800, Jeepster, Wagoneer	14	
	242CI /4.0Liter L6 American Motors POWER-TECH, OHV, 12 Valves, vin L,M,V, Gasoline	01/1987-12/1990	3965 cc	3.88 X 3.50	6 cyl	Cherokee, Comanche, Grand Cherokee, TJ, Wrangler, Wagoneer		
	258CI /4.2Liter L6 American Motors OHV, 12 Valves, vin A,C,M,T, Gasoline	01/1971-12/1990	4227 cc	3.75 X 3.91	6 cyl	CJ5, CJ6, CJ7, Cherokee, Comanche, Gladiator, Grand Wagoneer, J10, J20, J2500, J2600, J3800, J4500, J4600, J4700, J4800, Jeepster, Scrambler, Wagoneer, Wrangler		
CR 648SI STD/001/010/020/030/040/050/060 ACL:6B960 CLE:CB- 960AL(6) FMO:6-3310CPA VAN:VPR91284A	C 648	6 Pairs		2.0948/ 2.0955 53.208/ 53.226	2.2080/ 2.2085 56.083/ 56.096	0.8370 21.26	0.0560 1.422	
CR6805SI STD/010/020/030/040 Same as CR 648SI but with housing bore resized .002" larger	C6805	6 Pairs		2.0948/ 2.0955 53.208/ 53.226	2.2100/ 2.2105 56.134/ 56.147	0.8370 21.26	0.0570 1.448	
CS 422BB STD/010 ACL:4C549 CLE:SH-1980S DUR:N-7 FMO:1244M	S 422/1	1	1	2.0295/ 2.0305 51.549/ 51.575	2.1555/ 2.1565 54.750/ 54.775	0.6900 17.53	0.0620 1.575	
	S 422/2	1	2	2.0195/ 2.0205 51.295/ 51.321	2.1455/ 2.1465 54.496/ 54.521	0.6900 17.53	0.0620 1.575	
	S 422/3	1	3	2.0095/ 2.0105 51.041/ 51.067	2.1355/ 2.1365 54.242/ 54.267	0.6900 17.53	0.0620 1.575	
	S 422/4	1	4	1.9995/ 2.0005 50.787/ 50.813	2.1255/ 2.1265 53.988/ 54.013	0.6900 17.53	0.0620 1.575	
MB 763SI STD/010/020/030/040/050	M 763U	6 Pairs	1-2-4-5-	2.4988/ 2.4995	2.6910/ 2.6920	0.9860	0.0953	

JEEP					JEEP				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
ACL:7M704 FMO:4289M	CLE:MS-704AL VAN:VPM91285	M 763L		6-7	63.470/ 63.487	68.351/ 68.377	25.04	2.421	
		F 763U F 763L	1 Pair	3	2.4988/ 2.4995 63.470/ 63.487	2.6910/ 2.6920 68.351/ 68.377	1.2700 32.26	0.0953 2.421	
15	287CI /4.7Liter V8 Chrysler POWER-TECH, SOHC, 16 Valves, vin J,N, Gasoline	01/1999- 12/2009	4703 cc	3.66 X 3.41	8 cyl	Commander, Grand Cherokee			15
CR8030SI STD/.25/.5/.75/1.0 <i>w/o locating lug</i> ACL:8B7206A CLE:CB-1854A(8) FMO:8-4835A	C8030	8 Pairs			2.0077/ 2.0080 50.996/ 51.003	2.1257/ 2.1262 53.993/ 54.005	0.6550 16.64	0.0587 1.491	
CR8031SI STD/.25/.5/.75/1.0 <i>Same as CR8030SI but with housing bore resized .002" larger. w/o locating lug.</i> ACL:8B7206AO/S 2 CLE:CB-1855A(8) FMO:8-4835AX2	C8031	8 Pairs			2.0077/ 2.0080 50.996/ 51.003	2.1277/ 2.1282 54.044/ 54.056	0.6550 16.64	0.0596 1.514	
MB5284SI STD/.25/.5/.75 <i>Set includes Thrust Washers</i> ACL:5M7214A CLE:MS-2216P FMO:7352MA	M5284U M5284L	5 Pairs	1-5		2.4998/ 2.5002 63.495/ 63.505	2.6927/ 2.6931 68.395/ 68.405	0.8120 20.62	0.0962 2.443	
	W5284D W5284E	1 Pair	3		2.8471/ 2.8510 72.316/ 72.415	3.6345/ 3.6384 92.316/ 92.415	0.0000 0.00	0.1004 2.550	
TW 167AM STD ACL:1T7214 CLE:TW-608S FMO:4706F	W5284D W5284E	1 Pair	3		2.8471/ 2.8510 72.316/ 72.415	3.6345/ 3.6384 92.316/ 92.415	0.0000 0.00	0.1004 2.550	
16	318CI /5.2Liter V8 Chrysler OHV, 16 Valves, vin Y, Gasoline	01/1993- 12/1998	5218 cc	3.91 X 3.31	8 cyl	Grand Cherokee			16
CR 805SI STD/001/010/020/030/040/050/060 ACL:8B481P CLE:CB-481P FMO:8-2130CP ~ VAN:VPR91113	C 805	8 Pairs			2.1240/ 2.1250 53.950/ 53.975	2.2500/ 2.2507 57.150/ 57.168	0.8420 21.39	0.0624 1.585	
CR8013SI <i>Same as CR 805SI but with housing bore resized .002" larger</i> ACL:8B481PO/S2 CLE:CB-1779P(8)	C8013	8 Pairs			0.0000/ 0.0000 0.000/ 0.000	0.0000/ 2.2527 0.000/ 57.219	0.8480 21.54	0.0630 1.600	
CS 527BB STD ACL:5C1112 CLE:SH-1112S DUR:PD-25 FMO:1484M									
MB5534SI STD/010/020/030/040 ACL:5M1344 CLE:MS-1344AL FMO:5095M	M 558/1U M 558/1L	2 Pairs	2-4		2.4995/ 2.5005 63.487/ 63.513	2.6925/ 2.6930 68.390/ 68.402	0.8770 22.28	0.0957 2.431	
	M 558/1U M5534/1L	1 Pair	1		2.4995/ 2.5005 63.487/ 63.513	2.6925/ 2.6930 68.390/ 68.402	0.8770 22.28	0.0957 2.431	
	M 558/5U M 558/5L	1 Pair	5		2.4995/ 2.5005 63.487/ 63.513	2.6925/ 2.6930 68.390/ 68.402	1.3270 33.71	0.0957 2.431	
	F 563U F 563L	1 Pair	3		2.4995/ 2.5005 63.487/ 63.513	2.6925/ 2.6930 68.390/ 68.402	1.1520 29.26	0.0957 2.431	
17	350CI /5.7Liter V8 General Motors OHV, 16 Valves, vin 9,K, Gasoline	01/1968- 12/1971	5736 cc	3.80 X 3.85	8 cyl	Gladiator, J2500, J3800, J4500, J4600, J4700, J4800, Jeepstep, Wagoneer			17
CR 811SI STD/001/010/020/030/040/050/060 ACL:8B610P CLE:CB-610P(8) FMO:8-2500RAA GLA:B8089SA GLY:01-4377/8	C 811	8 Pairs			1.9950/ 2.0005 50.673/ 50.813	2.1247/ 2.1252 53.967/ 53.980	0.7420 18.85	0.0620 1.575	
CS 508BB STD ACL:5C680 CLE:SH-1361S DUR:B-9 FMO:1422M									
MB5516AM STD/010/020/030/040 ACL:5M1457 CLE:MS-1457P FMO:4418M VAN:VPM91268	M5517/1U M5517/1L	3 Pairs	1-2-4		2.9995/ 3.0005 76.187/ 76.213	3.1880/ 3.1890 80.975/ 81.001	0.8690 22.07	0.0935 2.375	
	M5516/5U M5516/5L	1 Pair	5		2.9995/ 3.0005 76.187/ 76.213	3.1880/ 3.1890 80.975/ 81.001	0.8690 22.07	0.0935 2.375	

JEEP				JEEP				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
	F5517U F5517L	1 Pair	3	2.9995/ 3.0005 76.187/ 76.213	3.1880/ 3.1890 80.975/ 81.001	1.0580 26.87	0.0935 2.375	
18	304CI /5.0Liter V8 American Motors OHV, 16 Valves, vin H,P, Gasoline	01/1971-12/1981	4981 cc	3.75 X 3.44	8 cyl	CJ5, CJ6, CJ7, Gladiator, J2500, J2600, J3800, J4500, J4600, J4700, J4800, Jeepster, Wagoneer	18	
	360CI /5.9Liter V8 American Motors OHV, 16 Valves, vin 7,N,P, Gasoline	01/1970-12/1990	5899 cc	4.08 X 3.44	8 cyl	Cherokee, Gladiator, Grand Wagoneer, J10, J20, J2500, J2600, J3800, J4500, J4600, J4700, J4800, Jeepster, Wagoneer		
CR 818SI ACL: 8B960 CLE: CB- 960AL (8) FMO: 8-3310RAA VAN: VPR91329A		C 648	8 Pairs		2.0948/ 2.0955 53.208/ 53.226	2.2080/ 2.2085 56.083/ 56.096	0.8370 21.26	0.0560 1.422
CR8016SI ^{STD/010/020/030} Same as CR 818SI but with housing bore resized .002" larger		C6805	8 Pairs		2.0948/ 2.0955 53.208/ 53.226	2.2100/ 2.2105 56.134/ 56.147	0.8370 21.26	0.0570 1.448
CS 526BB ACL: SC671 CLE: SH- 671S DUR: N-9 FMO: 1401M								
MB5518AM ^{STD/010/020/030/040} ACL: SM1041 CLE: MS-1041AL FMO: 5037M VAN: VPM91581		M5518U M5518L	4 Pairs	1-2-4-5	2.7472/ 2.7479 69.779/ 69.797	2.9410/ 2.9420 74.701/ 74.727	0.9280 23.57	0.0958 2.433
		F5518U F5518L	1 Pair	3	2.7482/ 2.7489 69.804/ 69.822	2.9410/ 2.9420 74.701/ 74.727	1.2700 32.26	0.0958 2.433
19	360CI /5.9Liter V8 Chrysler OHV, 16 Valves, vin Z, Gasoline	01/1998-12/1998	5900 cc	4.00 X 3.57	8 cyl			19
CR 805SI STD/001/010/020/030/040/050/060 ACL: 8B481P CLE: CB- 481P FMO: 8-2130CP ~ VAN: VPR91113		C 805	8 Pairs		2.1240/ 2.1250 53.950/ 53.975	2.2500/ 2.2507 57.150/ 57.168	0.8420 21.39	0.0624 1.585
CR8013SI Same as CR 805SI but with housing bore resized .002" larger ACL: 8B481PO/S2 CLE: CB-1779P (8)		C8013	8 Pairs		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 2.2527 0.000/ 57.219	0.8480 21.54	0.0630 1.600
CS 527BB ^{STD} ACL: SC1112 CLE: SH-1112S DUR: PD-25 FMO: 1484M								
MB 517SI ^{STD/010/020/030/040/060} ACL: SM1266 CLE: MS-1266AL FMO: 4999M VAN: VPM91579		M 517/1U M 517/1L	3 Pairs	1-2-4	2.8095/ 2.8105 71.361/ 71.387	3.0025/ 3.0030 76.264/ 76.276	0.8770 22.28	0.0959 2.436
		F 517U F 517L	1 Pair	3	2.8095/ 2.8105 71.361/ 71.387	3.0025/ 3.0030 76.264/ 76.276	1.1520 29.26	0.0959 2.436
		M 517/5U M 517/5L	1 Pair	5	2.8095/ 2.8105 71.361/ 71.387	3.0025/ 3.0030 76.264/ 76.276	1.2590 31.98	0.0959 2.436
20	345CI /5.7Liter V8 Chrysler HEMI, OHV, 16 Valves, vin 2,T, Gasoline	01/2005-12/2010	5654 cc	3.92 X 3.58	8 cyl	Commander, Grand Cherokee	20	
	370CI /6.1Liter V8 Chrysler HEMI, OHV, 16 Valves, vin 3,W, Gasoline	01/2006-12/2010	6059 cc	4.06 X 3.58	8 cyl	Grand Cherokee		
CR8032CP ^{STD/.25/.5/.75/1.0} ACL: 8B1808A CLE: CB-1808P (8) FMO: 8-4960P		C1282	8 Pairs		2.1257/ 2.1263 53.993/ 54.008	2.2522/ 2.2527 57.206/ 57.219	0.7910 20.09	0.0626 1.590
CS5512BB ^{STD} For years 2005-09 CLE: SH-1990S DUR: PD-31B		S5512/1	1	1	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 2.4231 0.000/ 61.547	0.6650 16.89	0.0650 1.651
		S5512/2	1	2	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 2.4073 0.000/ 61.145	0.5870 14.91	0.0650 1.651
					0.0000/ 0.0000	0.0000/ 2.3916	0.5870	0.0650

JEEP				JEEP			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
	S5512/3	1	3	0.000/ 0.000	0.000/ 60.747	14.91	1.651
	S5512/4	1	4	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 2.3758 0.000/ 60.345	0.5870 14.91	0.0650 1.651
	S5512/5	1	5	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 1.8499 0.000/ 46.987	0.5870 14.91	0.0650 1.651
MB5659S STD/.25/.5/.75/1.0 ACL:5M2220A CLE:MS-2220P~ FMO:7419M	M5659U M5659L	5 Pairs		2.5589/ 2.5592 64.996/ 65.004	2.7515/ 2.7522 69.888/ 69.906	0.8465 21.50	0.0962 2.443
TW1003AM Under Development ACL:1T611S CLE:TW-611S	W1003/1 W1003/2	1 Pair	3	2.8600/ 2.8800 72.644/ 73.152	0.0000/ 3.6760 0.000/ 93.370	0.0000 0.00	0.1018 2.586
21	401CI /6.6Liter V8 American Motors OHV, 16 Valves, vin Z, Gasoline	01/1974-12/1978	6571 cc	4.17 X 3.68	8 cyl	Cherokee, J10, J20, Wagoneer	21
CS 526BB ACL:5C671 CLE:SH- 671S DUR:N-9 FMO:1401M							
MB5518AM STD/010/020/030/040 ACL:5M1041 CLE:MS-1041AL FMO:5037M VAN:VPM91581	M5518U M5518L	4 Pairs	1-2-4-5	2.7472/ 2.7479 69.779/ 69.797	2.9410/ 2.9420 74.701/ 74.727	0.9280 23.57	0.0958 2.433
	F5518U F5518L	1 Pair	3	2.7482/ 2.7489 69.804/ 69.822	2.9410/ 2.9420 74.701/ 74.727	1.2700 32.26	0.0958 2.433

Engine Index: JOHN DEERE

Engine-Code	Years	Cyl	CC	Line
3135G		3	0	11
820, 830 SERIES		3	0	11
1520/1530 D DIESEL		3	0	16
4030 SERIES		6	0	16
6303G		6	0	16
6329G		6	0	16
4030 DIESEL		6	0	15
6303D DIESEL		6	0	15
1020 SERIES		3	0	1
2020/2510		4	0	1
2520		4	0	1
4180G/4202G		4	0	1
2030/2520 D DIESEL		4	0	12
4180D/4202D D DIESEL		4	0	12
4219T DIESEL Turbocharged		4	0	12
4239D DIESEL Direct Injection		4	0	12
3010 SERIES		4	0	2
3020 SERIES		4	0	2
6341		6	0	3
1520/1530		3	0	4
2030 SERIES		4	0	4
4219G		4	0	4
4000 SERIES D DIESEL		6	0	17
4020 Series D DIESEL		6	0	17
4230/4320 D DIESEL		6	0	17
6404D DIESEL		6	0	17

Engine-Code	Years	Cyl	CC	Line
4010 SERIES D DIESEL		6	0	5
3010 SERIES D DIESEL		4	0	13
3020 SERIES		4	0	13
2630/2640 D DIESEL		4	0	6
4276D/4276T D DIESEL Turbo &		4	0	6
6414D/6414T D DIESEL Turbo &		6	0	7
1350,1550,1750		3	0	8
1850,1850N		3	0	8
1950,1950N		3	0	8
2250,2450,2850		4	0	9
3050,3350,3650		6	0	10
3152D/820/830 D DIESEL		3	2491	16
1020 SERIES D DIESEL		3	2500	16
3164 DL 03 D DIESEL Direct		3	2687	16
3164G		3	2701	11
3179D DIESEL Direct		3	2935	16
2020/2510 D DIESEL		4	3333	12
4219 DL 03 D DIESEL Direct		4	3590	12
4239 DIESEL		4	3918	12
4270D DIESEL		4	4416	13
4000 SERIES		6	4940	14
4010		6	4940	14
6329 DL 03 D DIESEL		6	5380	15
6329 DL 03 D DIESEL Direct		6	5380	15
4230 SERIES		6	5400	14
4020 SERIES		6	5570	14

Engine-Code	Years	Cyl	CC	Line
6362		6	5570	14
6359D DIESEL Direct Inject,		6	5870	15
6359G		6	5876	16
4040 Series D DIESEL		6	6470	17
4240/4430/4520 DIESEL		6	6470	17
4620/4630/7020 DIESEL		6	6470	17
6404A/6404T DIESEL		6	6470	17
6068 6.8D/T		6	6800	18

Engine-Code	Years	Cyl	CC	Line
6466A Intercooled		6	7474	19
6466D DIESEL		6	7474	19
8430/8440		6	7474	19
6466T/TA Turbocharged,		6	7474	20
6081		6	8100	21
6090H		6	8996	22

Car Model Index: JOHN DEERE

Model	Engine	Years	Cyl	CC	Line
1020 Series Tractor	1020 SERIES		3		1
105, 105R Combine	6362		6	5570	14
105, 105R Combine	6341		6		3
105, 105R Combine	6404D DIESEL		6		17
1270D, 1470D	6081		6	8100	21
135 Power Unit	3135G		3		11
1510, 1520, 1530	1520/1530 D		3		16
1510,1520,1530 Tractor	1520/1530		3		4
152 Power Unit	3152D/820/830 D		3	2491	16
180, 202 Power Unit	4180D/4202D D		4		12
2020, 2030 Tractor	2020/2510		4		1
2030 Series Tractor	2030/2520 D		4		12
2040, 2240 Tractor	3179D DIESEL		3	2935	16
2040/2130/2140/1640/1	4239 DIESEL		4	3918	12
2270,2280, 2340,	4219 DL 03 D		4	3590	12
2440 Tractor	4219 DL 03 D		4	3590	12
2440 Tractor	2030 SERIES		4		4
2510 Series Tractor	2020/2510 D		4	3333	12
2520 Series	2030/2520 D		4		12
2520 Series Tractor	2520		4		1
2630, 2640 Tractor	2630/2640 D		4		6
2840 Tractor	6329 DL 03 D		6	5380	15
2940 Tractor	6359D DIESEL		6	5870	15
301 Tractor	3152D/820/830 D		3	2491	16
3010 Series Tractor	3010 SERIES		4		2
3010 Tractor	3010 SERIES D		4		13
302 Tractor	3164 DL 03 D		3	2687	16
3020 Series Tractor	3020 SERIES		4		2
3020 Series Tractor	3020 SERIES		4		13
303 Power Unit	6303G		6		16
303 Power Unit	6303D DIESEL		6		15
329 Power Unit	6329G		6		16
329 Power Unit	6329 DL 03 D		6	5380	15
3300 Combine	4180D/4202D D		4		12
3300 Combine	4219G		4		4
341 Power Unit	6341		6		3
362 Power Unit	6362		6	5570	14
4000 Series Tractor	4000 SERIES		6	4940	14
4000 Series Tractor	4000 SERIES D		6		17
401,499 Tractor	4219 DL 03 D		4	3590	12
4010 Series Tractor	4010		6	4940	14
4010 Series Tractor	4010 SERIES D		6		5
4020 Series Tractor	4020 SERIES		6	5570	14
4020 Series Tractor	4020 Series D		6		17
4030 Series Tractor	4030 SERIES		6		16
4030 Series Tractor	4030 DIESEL		6		15
404 Power Unit	6404D DIESEL		6		17
4040 Series Tractor	4040 Series D		6	6470	17
4230, 4320 Tractor	4230/4320 D		6		17
4240, 4430, 4520	4240/4430/4520		6	6470	17

Model	Engine	Years	Cyl	CC	Line
428 Picker	6329G		6		16
428 Picker	6329 DL 03 D		6	5380	15
428, 484, 499 Harvester	6329G		6		16
4400 Combine	6329G		6		16
4400, 4420, 6600	6329 DL 03 D		6	5380	15
440C Loader	4276D/4276T D		4		6
4440 Tractor	6404D DIESEL		6		17
4440 Tractor	6404A/6404T		6	6470	17
4440, 4640, 4840	6466A Intercooled		6	7474	19
4620, 4630 Series	4620/4630/7020		6	6470	17
482, 484, 499 Harvester	6329 DL 03 D		6	5380	15
4850, 8450 Tractor	6466A Intercooled		6	7474	19
499 Tractor	4219G		4		4
5400,5640 Harvester	6404A/6404T		6	6470	17
540B Loader	4276D/4276T D		4		6
544C Tractor	6414D/6414T D		6		7
55 Combine	6303D DIESEL		6		15
55, 95LL Combine	6303G		6		16
555 Dozer	4276D/4276T D		4		6
555 Loader	4276D/4276T D		4		6
5720 Harvester	6466A Intercooled		6	7474	19
640, 655 Loader	6414D/6414T D		6		7
655 Tractor	6414D/6414T D		6		7
6600 Combine	6303G		6		16
6600 Combine	6329G		6		16
6600 Combine	6303D DIESEL		6		15
6602, 6620, 6622,	6466D DIESEL		6	7474	19
6602, 6620, 6622,	6362		6	5570	14
6602,6620,6622,7700,	6404A/6404T		6	6470	17
6602,6620,6622,7720,c	6466T/TA		6	7474	20
670, 672 Grader	6414D/6414T D		6		7
6700	6068 6.8D/T		6	6800	18
699 Harvester	6303G		6		16
699 Harvester	6329G		6		16
699 Harvester	6303D DIESEL		6		15
699 Harvester	6329 DL 03 D		6	5380	15
7020 Series Tractor	4620/4630/7020		6	6470	17
7445	6068 6.8D/T		6	6800	18
7455	6068 6.8D/T		6	6800	18
755 Loader	6414D/6414T D		6		7
755A Tractor	6414D/6414T D		6		7
7700 Combine	6404D DIESEL		6		17
790, 792 Tractor	6466A Intercooled		6	7474	19
830-1 Tractor	3152D/820/830 D		3	2491	16
8430, 8440	8430/8440		6	7474	19
8450 Tractor	6466T/TA		6	7474	20
8650 Tractor	8430/8440		6	7474	19
880 Windrower	4180G/4202G		4		1
880 Windrower	4180D/4202D D		4		12
8820 Combine	6466A Intercooled		6	7474	19

Model	Engine	Years	Cyl	CC	Line
8820 Combine	6466T/TA		6	7474	20
890, 4050, 4250,	6466D DIESEL		6	7474	19
890,4050,4250,4440,44	6466T/TA		6	7474	20
95H, 95LL Combine	6303D DIESEL		6		15
9935	6068 6.8D/T		6	6800	18
Combines	4219 DL 03 D	1969-	4	3590	12
Combines 4400(329ND-	6329 DL 03 D	1973-	6	5380	15
Combines	4219 DL 03 D	1969-	4	3590	12
Combines 950, 960	6329 DL 03 D	1973-	6	5380	15
Combines 955	6359D DIESEL		6	5870	15
Cotton Picker &	4219 DL 03 D	1969-	4	3590	12
Cotton Picker/Stipper	6329 DL 03 D	1973-	6	5380	15
Cotton Picker/Stripper	6329 DL 03 D	1973-	6	5380	15
EA180 Power Unit	4180G/4202G		4		1
EA202 Power Unit	4180D/4202D D		4		12
G Tractor	6414D/6414T D		6		7
HA180 Power Unit	4180G/4202G		4		1
HA303D Power Unit	6303D DIESEL		6		15
HA303G, HA303L	6303G		6		16
HA341G Power Unit	6341		6		3
HB202 Power Unit	4180G/4202G		4		1
HB303D Power Unit	6303D DIESEL		6		15
HB303G, HB303L	6303G		6		16
HC303G Power Unit	6303G		6		16
HC329D Power Unit	6329 DL 03 D		6	5380	15
HG303G Power Unit	6303G		6		16
Hf329g Power Unit	6329G		6		16
JD 450 Loader	4180G/4202G		4		1
JD300 Crawler	3135G		3		11
JD300 Crawler	3152D/820/830 D		3	2491	16
JD300 Tractor	1520/1530 D		3		16
JD300 Tractor	1520/1530		3		4
JD300, JD300b Loader	3135G		3		11
JD300, JD300b Loader	3152D/820/830 D		3	2491	16
JD300, JD301 Tractor	3135G		3		11
JD300, JD301 Tractor	3152D/820/830 D		3	2491	16
JD301A Loader	3152D/820/830 D		3	2491	16
JD301A, JD303 Loader	3135G		3		11
JD302, JD30A Loader	3164 DL 03 D		3	2687	16
JD302/A Loader	3164G		3	2701	11
JD303A Tractor	6303D DIESEL		6		15
JD303A Tractor	6329 DL 03 D		6	5380	15
JD350 Crawler	3135G		3		11
JD350 Tractor	1520/1530 D		3		16
JD350 Tractor	3152D/820/830 D		3	2491	16
JD350 Tractor	1520/1530		3		4
JD350, JD350C Crawler	3152D/820/830 D		3	2491	16
JD350C Loader	3152D/820/830 D		3	2491	16
JD380 Forklift	3135G		3		11
JD380 Forklift	3152D/820/830 D		3	2491	16
JD380 Tractor	3135G		3		11
JD400 Skidder	4180G/4202G		4		1
JD400 Skidder	4180D/4202D D		4		12
JD400, JD401/B Tractor	4180G/4202G		4		1
JD400, JD401/B Tractor	4180D/4202D D		4		12
JD401B Loader	4219G		4		4
JD410 Loader	4180G/4202G		4		1
JD410 Tractor	4180G/4202G		4		1
JD410 Tractor	4180D/4202D D		4		12
JD440 Skidder	4180G/4202G		4		1
JD440 Skidder	4180D/4202D D		4		12
JD440 Tractor	4180G/4202G		4		1
JD440 Tractor	4180D/4202D D		4		12
JD440A/B Skidder	4219T DIESEL		4		12
JD440C Skidder	4276D/4276T D		4		6

Model	Engine	Years	Cyl	CC	Line
JD444C Loader	6329 DL 03 D		6	5380	15
JD450 Crawler	4180G/4202G		4		1
JD450 Crawler	4180D/4202D D		4		12
JD450 Loader	4180D/4202D D		4		12
JD450 Tractor	4180G/4202G		4		1
JD450 Tractor	4180D/4202D D		4		12
JD450B/C Crawler	4219T DIESEL		4		12
JD450B/C Crawler	4219G		4		4
JD480 Tractor	4180G/4202G		4		1
JD480/A Forklift	4180G/4202G		4		1
JD480/A Forklift	4180D/4202D D		4		12
JD480B/C Forklift	4219G		4		4
JD500 Tractor	3010 SERIES D		4		13
JD500, JD500A Loader	4270D DIESEL		4	4416	13
JD500/A Tractor	3010 SERIES		4		2
JD500A Tractor	4270D DIESEL		4	4416	13
JD500B, JD500C	4270D DIESEL		4	4416	13
JD510 Loader	4270D DIESEL		4	4416	13
JD510 Tractor	3020 SERIES		4		2
JD510 Tractor	3010 SERIES D		4		13
JD540 Skidder	6303G		6		16
JD540 Skidder	6303D DIESEL		6		15
JD540A Skidder	6329 DL 03 D		6	5380	15
JD540A Skidder	6329 DL 03 D		6	5380	15
JD540B Skidder	4276D/4276T D		4		6
JD544 LOADER	6303G		6		16
JD544 Loader	6303D DIESEL		6		15
JD544 Loader	6329 DL 03 D		6	5380	15
JD544B, JD544C	6414D/6414T D		6		7
JD550 Crawler	4276D/4276T D		4		6
JD555 Loader	4276D/4276T D		4		6
JD570 Grader	6303G		6		16
JD570, JD570A Grader	6329 DL 03 D		6	5380	15
JD570/A Grader	6303D DIESEL		6		15
JD600 Loader	6362		6	5570	14
JD600 Loader	6341		6		3
JD600, JD644 Tractor	4010		6	4940	14
JD600,JD644 Tractor	4010 SERIES D		6		5
JD640 Skidder	6414D/6414T D		6		7
JD644, JD644A Loader	6404D DIESEL		6		17
JD644C Loader	6466A Intercooled		6	7474	19
JD646C Compactor	6466A Intercooled		6	7474	19
JD655 Loader	6414D/6414T D		6		7
JD670, JD670A	6414D/6414T D		6		7
JD672AGrader	6414D/6414T D		6		7
JD690 Exavator	6404D DIESEL		6		17
JD690 Tractor	4010		6	4940	14
JD690 Tractor	4010 SERIES D		6		5
JD690A Excavator	6404D DIESEL		6		17
JD690B Excavator	6404A/6404T		6	6470	17
JD693B Buncher	6404A/6404T		6	6470	17
JD740 Skidder	6404D DIESEL		6		17
JD740 Skidder	6404A/6404T		6	6470	17
JD740A Skidder	6466A Intercooled		6	7474	19
JD743A Buncher	6466A Intercooled		6	7474	19
JD750, JD755 Crawler	6414D/6414T D		6		7
JD755 Crawler	6414D/6414T D		6		7
JD755, JD755A Loader	6414D/6414T D		6		7
JD762A Scraper	6466A Intercooled		6	7474	19
JD762a Scraper	6466T/TA		6	7474	20
Jd301a/b Loader	4219 DL 03 D	1969-	4	3590	12
Jd401/b/c Loader	4219 DL 03 D		4	3590	12
Jd440/a/b Skidder	4219 DL 03 D		4	3590	12
Jd450b/c Crawler	4219 DL 03 D		4	3590	12
Jd450c Loader	4219 DL 03 D		4	3590	12






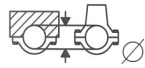


Model	Engine	Years	Cyl	CC	Line
Jd480b/c Forklift	4219 DL 03 D		4	3590	12
Jd544 Loader	6329G		6		16
Jd570 Grader	6329G		6		16
NA303A Power Unit	6303D DIESEL		6		15
NA303G, NA303L	6303G		6		16
NB329D Power Unit	6329 DL 03 D		6	5380	15
Nb329g, Nb329I Power	6329G		6		16
Power Units 219d	4219 DL 03 D	1969-	4	3590	12
Power Units 3164D	3164 DL 03 D	1968-	3	2687	16
Power Units 329d	6329 DL 03 D	1973-	6	5380	15
Power Units 4219d	4219 DL 03 D	1969-	4	3590	12
Power Units 4239D	4239D DIESEL		4		12
Power Units 6359d	6359D DIESEL		6	5870	15
PowerTech Plus 9.0L	6090H		6	8996	22
Tractor 3130, 3135,	6329 DL 03 D	1973-	6	5380	15

Model	Engine	Years	Cyl	CC	Line
Tractors 1520	3164G		3	2701	11
Tractors	4239D DIESEL		4		12
Tractors	4219 DL 03 D	1969-	4	3590	12
Tractors 2020	4270D DIESEL		4	4416	13
Tractors 300,350,1020	1020 SERIES D		3	2500	16
Tractors	6329 DL 03 D		6	5380	15
Tractors	6359D DIESEL		6	5870	15
Tractors	2020/2510 D		4	3333	12
Tractors 820, 830	3152D/820/830 D		3	2491	16
Tractors	3164 DL 03 D	1968-	3	2687	16
Tractors	3164 DL 03 D	1968-	3	2687	16
Tractors	3179D DIESEL		3	2935	16






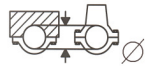


JOHN DEERE				JOHN DEERE				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
1	2020/2510		98.43 X 98.43	4 cyl	2020, 2030 Tractor			1
	2520		98.43 X 109.93	4 cyl	2520 Series Tractor			
	4180G/4202G		98.43 X 98.43	4 cyl	880 Windrower, EA180 Power Unit, HA180 Power Unit, HB202 Power Unit, JD 450 Loader, JD400 Skidder, JD400, JD401/B Tractor, JD410 Loader, JD410 Tractor, JD440 Skidder, JD440 Tractor, JD450 Crawler, JD450 Tractor, JD480 Tractor, JD480/A Forklift			
	1020 SERIES		98.43 X 98.43	3 cyl	1020 Series Tractor			
MB 360AM CLE:MS- 873AL	M5588	2 Pairs	1,2	3.1230/ 3.1240 79.324/ 79.350	3.3250/ 3.3260 84.455/ 84.480	1.1600 29.46	0.0997 2.532	
	F5588	1 Pair	3	3.1230/ 3.1240 79.324/ 79.350	3.3250/ 3.3260 84.455/ 84.480	1.5290 38.84	0.0997 2.532	
2	3010 SERIES		101.60 X 101.60	4 cyl	3010 Series Tractor, JD500/A Tractor			2
	3020 SERIES		107.95 X 101.60	4 cyl	3020 Series Tractor, JD510 Tractor			
CR 156SI CLE:CB- 669P (1) FMO:1-3125CP OEM:AR45723	C 156	1 Pair		2.9900/ 2.9980 75.946/ 76.149	3.1910/ 3.1920 81.051/ 81.077	1.3900 35.31	0.0950 2.413	
MB 102SI <i>Straight shell pair from MB 368SI</i> OEM:AR74814	M 368/1U M 368/1L	1 Pair		3.3715/ 3.3725 85.636/ 85.662	3.6270/ 3.6280 92.126/ 92.151	1.3900 35.31	0.1260 3.200	
MB 103SI <i>Straight shell pair from MB 368SI. Use with TW 309AM.</i> OEM:AR77748	M 368/2U M 368/2L	1 Pair		3.3715/ 3.3725 85.636/ 85.662	3.6270/ 3.6280 92.126/ 92.151	1.6780 42.62	0.1260 3.200	
MB 314CP <i>Under Development</i> <i>Includes regular and flange components.</i> <i>Eng. ser No 049999 -</i> CLE:MS-1674P	M 368/1U	2 Pairs	1,3	3.3715/ 3.3725 85.636/ 85.662	3.6270/ 3.6280 92.126/ 92.151	1.3900 35.31	0.1260 3.200	
	F5150*	1 Pair	2	3.3715/ 3.3725 85.636/ 85.662	3.6270/ 3.6280 92.126/ 92.151	1.6780 42.62	0.1260 3.200	
MB 368SI CLE:MS-1526P ~ FMO:5111M ~ OEM:AR74814/AR77748	M 368/1U M 368/1L	2 Pairs	1,3	3.3715/ 3.3725 85.636/ 85.662	3.6270/ 3.6280 92.126/ 92.151	1.3900 35.31	0.1260 3.200	






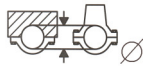


JOHN DEERE				JOHN DEERE			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
	M 368/2U M 368/2L W368	1 Pair 3 Halves	2 2	3.3720/ 3.3730 85.649/ 85.674 3.6330/ 3.6340 92.278/ 92.304	3.6270/ 3.6280 92.126/ 92.151 4.6600/ 4.6800 118.364/118.872	1.6780 42.62 0.0000 0.00	0.1260 3.200 0.1340 3.404
MB 379CP <i>Includes regular and flange components.</i> - Eng. ser No 049999 CLE:MS- 836P FMO:4407M	M 368/1U F5298U F5298L	2 Pairs 1 Pair	1,3 2	3.3720/ 3.3730 85.649/ 85.674 3.3720/ 3.3730 85.649/ 85.674	3.6270/ 3.6280 92.126/ 92.151 3.6270/ 3.6280 92.126/ 92.151	1.3900 35.31 1.7450 44.32	0.1260 3.200 0.1260 3.200
TW 309AM <i>Use with MB 103SI.</i> OEM:AR77747	W368	3 Halves		3.6330/ 3.6340 92.278/ 92.304	4.6600/ 4.6800 118.364/118.872	0.0000 0.00	0.1340 3.404
3	6341			101.60 X 101.60	6 cyl	105, 105R Combine, 341 Power Unit, HA341G Power Unit, JD600 Loader	3
CR 156SI CLE:CB- 669P(1) FMO:1-3125CP OEM:AR45723	C 156	1 Pair		2.9900/ 2.9980 75.946/ 76.149	3.1910/ 3.1920 81.051/ 81.077	1.3900 35.31	0.0950 2.413
MB4063CP <i>Under Development</i> CLE:MS- 838P FMO:4409M	M5298* F5298*	3 Pairs 1 Pair	1,2,4 3	3.3715/ 3.3725 85.636/ 85.662 3.3715/ 3.3725 85.636/ 85.662	3.6270/ 3.6280 92.126/ 92.151 3.6270/ 3.6280 92.126/ 92.151	1.3900 35.31 1.7450 44.32	0.1260 3.200 0.1260 3.200
4	1520/1530			102.11 X 109.93	3 cyl	1510,1520,1530 Tractor, JD300 Tractor, JD350 Tractor	4
	2030 SERIES			102.11 X 109.93	4 cyl	2440 Tractor	
	4219G			102.11 X 109.93	4 cyl	3300 Combine, 499 Tractor, JD401B Loader, JD450B/C Crawler, JD480B/C Forklift	
MB 314CP <i>Under Development</i> <i>Includes regular and flange components.</i> Eng. ser No 049999 - CLE:MS-1674P	M 368/1U F5150*	2 Pairs 1 Pair	1,3 2	3.3715/ 3.3725 85.636/ 85.662 3.3715/ 3.3725 85.636/ 85.662	3.6270/ 3.6280 92.126/ 92.151 3.6270/ 3.6280 92.126/ 92.151	1.3900 35.31 1.6780 42.62	0.1260 3.200 0.1260 3.200
5	4010 SERIES D DIESEL			104.78 X 120.65	6 cyl	4010 Series Tractor, JD600,JD644 Tractor, JD690 Tractor	5
CR 156SI CLE:CB- 669P(1) FMO:1-3125CP OEM:AR45723	C 156	1 Pair		2.9900/ 2.9980 75.946/ 76.149	3.1910/ 3.1920 81.051/ 81.077	1.3900 35.31	0.0950 2.413
MB7085CP CLE:MS- 839P FMO:4410M	M 368/1U F5298U F5298L	5 Pairs 1 Pair	1-4,6,7 5	3.3720/ 3.3730 85.649/ 85.674 3.3720/ 3.3730 85.649/ 85.674	3.6270/ 3.6280 92.126/ 92.151 3.6270/ 3.6280 92.126/ 92.151	1.3900 35.31 1.7450 44.32	0.1260 3.200 0.1260 3.200
6	2630/2640 D DIESEL			106.38 X 127.00	4 cyl	2630, 2640 Tractor	6
	4276D/4276T D DIESEL Turbo & Non-Turbo			106.38 X 127.00	4 cyl	440C Loader, 540B Loader, 555 Dozer, 555 Loader, JD440C Skidder, JD540B Skidder, JD550 Crawler, JD555 Loader	
CR1256SI CLE:CB-1231AL(1) OEM:AR97653	C1256	1 Pair		3.0630/ 3.0640 77.800/ 77.826	3.2550/ 3.2560 82.677/ 82.702	1.0480 26.62	0.0956 2.428
MB 149AM STD/010/020/030/040/050 <i>Packed in pairs</i> FMO:3327AP GLA:GS753SA GLY:02-4517H OEM:AT21139	F5588	1 Pair		3.1230/ 3.1240 79.324/ 79.350	3.3250/ 3.3260 84.455/ 84.480	1.5290 38.84	0.0997 2.532

JOHN DEERE				JOHN DEERE				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
MB5588AM STD/010/020/030/040 CLE:MS- 875AL FMO:4921M GLA:M5409SA	M5588	4 Pairs	1-2-3-4	3.1230/ 3.1240 79.324/ 79.350	3.3250/ 3.3260 84.455/ 84.480	1.1600 29.46	0.0997 2.532	
	F5588	1 Pair	5	3.1230/ 3.1240 79.324/ 79.350	3.3250/ 3.3260 84.455/ 84.480	1.5290 38.84	0.0997 2.532	
7	6414D/6414T D DIESEL Turbo & Non-Turbo		106.38 X 127.00	6 cyl	544C Tractor, 640, 655 Loader, 655 Tractor, 670, 672 Grader, 755 Loader, 755A Tractor, G Tractor, JD544B, JD544C Loader, JD640 Skidder, JD655 Loader, JD670, JD670A, JD672AGrader, JD750, JD755 Crawler, JD755 Loader		7	
CR1256SI CLE:CB-1231AL(1) OEM:AR97653	C1256	1 Pair		3.0630/ 3.0640 77.800/ 77.826	3.2550/ 3.2560 82.677/ 82.702	1.0480 26.62	0.0956 2.428	
MB 799AM STD/010/020/030/040/050 CLE:MS-1459AL FMO:4983M	M5588	6 Pairs	1-2-3-4- 5-6	3.1230/ 3.1240 79.324/ 79.350	3.3250/ 3.3260 84.455/ 84.480	1.1600 29.46	0.0997 2.532	
	F5588	1 Pair	7	3.1230/ 3.1240 79.324/ 79.350	3.3250/ 3.3260 84.455/ 84.480	1.1600 29.46	0.0997 2.532	
8	1350,1550,1750			3 cyl			8	
	1850,1850N			3 cyl				
	1950,1950N			3 cyl				
CR 315AM STD/010/020 <i>IS IDENTICAL TO CR 314AM</i> OEM:RE27348x3	C4057	3 Pairs		2.7480/ 2.7490 69.799/ 69.825	2.9000/ 2.9010 73.660/ 73.685	1.1860 30.12	0.0750 1.905	
MB 481AM STD/010/020	M5588	3 Pairs		3.1230/ 3.1240 79.324/ 79.350	3.3250/ 3.3260 84.455/ 84.480	1.1600 29.46	0.0997 2.532	
	M 159	1 Pair		3.1230/ 3.1250 79.324/ 79.375	3.3250/ 3.3260 84.455/ 84.480	1.4488 36.80	0.0997 2.532	
9	2250,2450,2850			4 cyl			9	
CR1007AM STD/010/020/030 <i>IS IDENTICAL TO CR 189AM</i> <i>Packed in pairs</i> OEM:RE27348	C4057	1 Pair		2.7480/ 2.7490 69.799/ 69.825	2.9000/ 2.9010 73.660/ 73.685	1.1860 30.12	0.0750 1.905	
CR4089AM STD/010/020/030/040 <i>IS IDENTICAL TO CR4057AM</i> OEM:RE27348x4	C4057	4 Pairs		2.7480/ 2.7490 69.799/ 69.825	2.9000/ 2.9010 73.660/ 73.685	1.1860 30.12	0.0750 1.905	
MB 148AM STD/010/020/030/040/050 <i>Packed in pairs</i> FMO:3326AP GLA:GS752SA OEM:AT21140	M5588	1 Pair		3.1230/ 3.1240 79.324/ 79.350	3.2500/ 3.3260 82.550/ 84.480	1.1600 29.46	0.0997 2.532	
MB 159AM STD/010/020/030 <i>Packed in pairs</i> OEM:RE27350	M 159	1 Pair		3.1230/ 3.1240 79.324/ 79.350	3.3250/ 3.3260 84.455/ 84.480	1.4488 36.80	0.0997 2.532	
MB5174AM STD/010/020/030/040	M5588	4 Pairs		3.1230/ 3.1240 79.324/ 79.350	3.3250/ 3.3260 84.455/ 84.480	1.1600 29.46	0.0997 2.532	
	M 159	1 Pair		3.1230/ 3.1240 79.324/ 79.350	3.3250/ 3.3260 84.455/ 84.480	1.4488 36.80	0.0997 2.532	
TW2011AM OEM:RE13571	W2011	2 Pairs		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.0000 0.000	
10	3050,3350,3650			6 cyl			10	
CR6661AM <i>IS IDENTICAL TO CR6643AM</i>	C4057	6 Pairs		2.7480/ 2.7490 69.799/ 69.825	2.9000/ 2.9010 73.660/ 73.685	1.1860 30.12	0.0750 1.905	





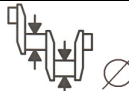
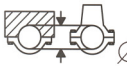


JOHN DEERE				JOHN DEERE			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
OEM:RE27348x6							
MB7722AM STD/010/020/030/040/050/060	M5588	6 Pairs		3.1230/ 3.1240 79.324/ 79.350	3.3250/ 3.3260 84.455/ 84.480	1.1600 29.46	0.0997 2.532
	M 159	1 Pair		3.1230/ 3.1240 79.324/ 79.350	3.3250/ 3.3260 84.455/ 84.480	1.4488 36.80	0.0997 2.532
11	3135G			98.02 X 98.02	3 cyl		
						135 Power Unit, JD300 Crawler, JD300, JD300b Loader, JD300, JD301 Tractor, JD301A, JD303 Loader, JD350 Crawler, JD380 Forklift, JD380 Tractor	
	820, 830 SERIES			98.02 X 109.93	3 cyl		
	3164G			2701 cc	102.11 X 109.98	3 cyl	JD302/A Loader, Tractors 1520
MB 360AM CLE:MS- 873AL	M5588	2 Pairs	1,2	3.1230/ 3.1240 79.324/ 79.350	3.3250/ 3.3260 84.455/ 84.480	1.1600 29.46	0.0997 2.532
	F5588	1 Pair	3	3.1230/ 3.1240 79.324/ 79.350	3.3250/ 3.3260 84.455/ 84.480	1.5290 38.84	0.0997 2.532
12	4180D/4202D D DIESEL			98.43 X 109.55	4 cyl		
						180, 202 Power Unit, 3300 Combine, 880 Windrower, EA202 Power Unit, JD400 Skidder, JD400, JD401/B Tractor, JD410 Tractor, JD440 Skidder, JD440 Tractor, JD450 Crawler, JD450 Loader, JD450 Tractor, JD480/A Forklift	
	2030/2520 D DIESEL			102.11 X 109.93	4 cyl		2030 Series Tractor, 2520 Series
	4219T DIESEL Turbocharged			102.11 X 109.93	4 cyl		JD440A/B Skidder, JD450B/C Crawler
	4239D DIESEL Direct Injection 16.2 & 16.8:1			106.43 X 109.98	4 cyl		Power Units 4239D, Tractors 1640/1840/2040/2040s/
	2020/2510 D DIESEL		3333 cc	98.43 X 109.54	4 cyl		2510 Series Tractor, Tractors 400,440,450,4802020
	4219 DL 03 D DIESEL Direct Injection		3590 cc	102.00 X 109.84	4 cyl		2270,2280, 2340, 2420windrower, 2440 Tractor, 401,499 Tractor, Combines 3300(ha219d/219dh-01/, Combines 4400(hc219d/219dh-02), Cotton Picker & Stripper499, Jd301a/b Loader, Jd401/b/c Loader, Jd440/a/b Skidder, Jd450b/c Crawler, Jd450c Loader, Jd480b/c Forklift, Power Units 219d Series Ha/hc/, Power Units 4219d, Tractors 1830,2030,2035,2120,
	4239 DIESEL		3918 cc	106.50 X 110.00	4 cyl		2040/2130/2140/1640/1840 2040S
CR 189AM STD/010/020/030/040 Packed in pairs	C4057	1 Pair		2.7480/ 2.7490 69.799/ 69.825	2.9000/ 2.9010 73.660/ 73.685	1.1860 30.12	0.0750 1.905

JOHN DEERE					JOHN DEERE				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
CLE:CB- 759AL(1) FMO:3325APA GLA:GS754SA OEM:AT21138									
CR4057AM STD/010/020/030 <i>Same as CR 189AM, but pack in 4 Pairs.</i> CLE:CB- 759AL(4) FMO:4-3325AF GLA:B4631SA OEM:AT21138x4	C4057	4 Pairs		2.7480/ 2.7490 69.799/ 69.825	2.9000/ 2.9010 73.660/ 73.685	1.1860 30.12	0.0750 1.905		
MB 149AM STD/010/020/030/040/050 <i>Packed in pairs</i> FMO:3327AP GLA:GS753SA GLY:02-4517H OEM:AT21139	F5588	1 Pair		3.1230/ 3.1240 79.324/ 79.350	3.3250/ 3.3260 84.455/ 84.480	1.5290 38.84	0.0997 2.532		
MB5588AM STD/010/020/030/040 CLE:MS- 875AL FMO:4921M GLA:M5409SA	M5588	4 Pairs	1-2-3-4	3.1230/ 3.1240 79.324/ 79.350	3.3250/ 3.3260 84.455/ 84.480	1.1600 29.46	0.0997 2.532		
	F5588	1 Pair	5	3.1230/ 3.1240 79.324/ 79.350	3.3250/ 3.3260 84.455/ 84.480	1.5290 38.84	0.0997 2.532		
13	3010 SERIES D DIESEL			104.78 X 120.65	4 cyl	3010 Tractor, JD500 Tractor, JD510 Tractor			13
	3020 SERIES			107.95 X 120.65	4 cyl	3020 Series Tractor			
	4270D DIESEL		4416 cc	107.95 X 120.65	4 cyl	JD500, JD500A Loader, JD500A Tractor, JD500B, JD500C Loader, JD510 Loader, Tractors 2020			
CR 156SI CLE:CB- 669P(1) FMO:1-3125CP OEM:AR45723	C 156	1 Pair		2.9900/ 2.9980 75.946/ 76.149	3.1910/ 3.1920 81.051/ 81.077	1.3900 35.31	0.0950 2.413		
MB 102SI <i>Straight shell pair from MB5199SI.</i> OEM:AR74814	M 368/1U M 368/1L	1 Pair		3.3715/ 3.3725 85.636/ 85.662	3.6270/ 3.6280 92.126/ 92.151	1.3900 35.31	0.1260 3.200		
MB 103SI <i>Straight shell pair from MB5199SI. Use with TW 309AM.</i> OEM:AR77748	M 368/2U M 368/2L	1 Pair		3.3715/ 3.3725 85.636/ 85.662	3.6270/ 3.6280 92.126/ 92.151	1.6780 42.62	0.1260 3.200		
MB1192SI <i>Straight shell pair from MB5298SI</i> OEM:AR49243	M 368/1U	1 Pair		3.3715/ 3.3725 85.636/ 85.662	3.6270/ 3.6280 92.126/ 92.151	1.3900 35.31	0.1260 3.200		
MB1193SI <i>Flange pair from MB5298SI</i> OEM:AR49242	F5298U F5298L	1 Pair		3.3710/ 3.3730 85.623/ 85.674	3.6270/ 3.6280 92.126/ 92.151	1.7450 44.32	0.1260 3.200		
MB5150CP <i>Under Development</i> <i>Includes regular and flange components.</i> <i>Eng. ser No 049999 -</i> CLE:MS-1675P	M 368/1U	4 Pairs	1,2,4,5	3.3715/ 3.3725 85.636/ 85.662	3.6270/ 3.6280 92.126/ 92.151	1.3900 35.31	0.1260 3.200		
	F5150*	1 Pair	3	3.3715/ 3.3725 85.636/ 85.662	3.6270/ 3.6280 92.126/ 92.151	1.6780 42.62	0.1260 3.200		
MB5199SI CLE:MS-1527P ~ FMO:5112M ~	M 368/1U M 368/1L	4 Pairs	1,2,4,5	3.3715/ 3.3725 85.636/ 85.662	3.6270/ 3.6280 92.126/ 92.151	1.3900 35.31	0.1260 3.200		
	M 368/2U M 368/2L	1 Pair	3	3.3715/ 3.3725 85.636/ 85.662	3.6270/ 3.6280 92.126/ 92.151	1.6780 42.62	0.1260 3.200		
	W368	3 Halves	3	3.6330/ 3.6340 92.278/ 92.304	4.6600/ 4.6800 118.364/118.872	0.0000 0.00	0.1340 3.404		
MB5298SI <i>Includes regular and flange components.</i> <i>- Eng. ser No 049999</i> CLE:MS- 837P FMO:4408M	M 368/1U	4 Pairs	1,2,4,5	3.3720/ 3.3730 85.649/ 85.674	3.6270/ 3.6280 92.126/ 92.151	1.3900 35.31	0.1260 3.200		
	F5298U F5298L	1 Pair	3	3.3720/ 3.3730 85.649/ 85.674	3.6270/ 3.6280 92.126/ 92.151	1.7450 44.32	0.1260 3.200		
TW 309AM <i>Use with MB 103SI.</i> OEM:AR77747	W368	3 Halves		3.6330/ 3.6340 92.278/ 92.304	4.6600/ 4.6800 118.364/118.872	0.0000 0.00	0.1340 3.404		
14	4010			4940 cc 101.60 X 101.60	6 cyl	4010 Series Tractor, JD600, JD644 Tractor, JD690 Tractor			14
	4000 SERIES			4940 cc 101.60 X 101.60	6 cyl	4000 Series Tractor			

JOHN DEERE				JOHN DEERE			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
4230 SERIES		5400 cc	102.11 X 109.98	6 cyl			
6362		5570 cc	107.95 X 101.60	6 cyl	105, 105R Combine, 362 Power Unit, 6602, 6620, 6622, 77007720, JD600 Loader		
4020 SERIES		5570 cc	107.95 X 101.60	6 cyl	4020 Series Tractor		
CR 156SI CLE:CB- 669P(1) FMO:1-3125CP OEM:AR45723	C 156	1 Pair		2.9900/ 2.9980 75.946/ 76.149	3.1910/ 3.1920 81.051/ 81.077	1.3900 35.31	0.0950 2.413
MB 102SI <i>Straight shell pair from MB4014SI.</i> OEM:AR74814	M 368/1U M 368/1L	1 Pair		3.3715/ 3.3725 85.636/ 85.662	3.6270/ 3.6280 92.126/ 92.151	1.3900 35.31	0.1260 3.200
MB 103SI <i>Straight shell pair from MB4014SI. Use with TW 309AM.</i> OEM:AR77748	M 368/2U M 368/2L	1 Pair		3.3715/ 3.3725 85.636/ 85.662	3.6270/ 3.6280 92.126/ 92.151	1.6780 42.62	0.1260 3.200
MB4014SI <i>Eng. ser No 201000 -</i> CLE:MS-1528P ~ FMO:5113M ~ GLA:MS-1528P	M 368/1U M 368/1L	3 Pairs	1,2,4	3.3715/ 3.3725 85.636/ 85.662	3.6270/ 3.6280 92.126/ 92.151	1.3900 35.31	0.1260 3.200
	M 368/2U M 368/2L	1 Pair	3	3.3720/ 3.3730 85.649/ 85.674	3.6270/ 3.6280 92.126/ 92.151	1.6780 42.62	0.1260 3.200
	W368	3 Halves	3	3.6330/ 3.6340 92.278/ 85.446	4.6600/ 4.6800 118.364/118.872	0.0000 0.00	0.1340 3.404
MB4041CP <i>Under Development</i> <i>Includes regular and flange components.</i> <i>Eng. ser No 201000 -</i> CLE:MS-1676P	M 368/1U	3 Pairs	1,2,4	3.3715/ 3.3725 85.636/ 85.662	3.6270/ 3.6280 92.126/ 92.151	1.3900 35.31	0.1260 3.200
	F5150*	1 Pair	3	3.3715/ 3.3725 85.636/ 85.662	3.6270/ 3.6280 92.126/ 92.151	1.6780 42.62	0.1260 3.200
MB4063CP <i>Under Development</i> <i>Includes regular and flange components.</i> <i>- Eng. ser No 201000</i> CLE:MS- 838P FMO:4409M	M5298*	3 Pairs	1,2,4	3.3715/ 3.3725 85.636/ 85.662	3.6270/ 3.6280 92.126/ 92.151	1.3900 35.31	0.1260 3.200
	F5298*	1 Pair	3	3.3715/ 3.3725 85.636/ 85.662	3.6270/ 3.6280 92.126/ 92.151	1.7450 44.32	0.1260 3.200
TW 309AM <i>Use with MB 103SI.</i> OEM:AR77747	W368	3 Halves		3.6330/ 3.6340 92.278/ 92.304	4.6600/ 4.6800 118.364/118.872	0.0000 0.00	0.1340 3.404
15	6303D DIESEL			98.04 X 109.98	6 cyl		15
	4030 DIESEL			102.11 X 109.98	6 cyl		303 Power Unit, 55 Combine, 6600 Combine, 699 Harvester, 95H, 95LL Combine, HA303D Power Unit, HB303D Power Unit, JD303A Tractor, JD540 Skidder, JD544 Loader, JD570/A Grader, NA303A Power Unit
	6329 DL O3 D DIESEL Direct Injection Turbocharged	5380 cc	102.00 X 109.73	6 cyl			4030 Series Tractor
	6329 DL O3 D DIESEL	5380 cc	102.11 X 109.99	6 cyl			Combines 4400(329ND-02),, Combines 950, 960, Cotton Picker/Stipper 428, Cotton Picker/Stripper 499/699, JD540A Skidder, Power Units 329d Series, Tractors 3030,3130,40303135
							2840 Tractor, 329 Power Unit, 428 Picker, 4400, 4420, 6600 Combine, 482, 484, 499 Harvester, 699 Harvester, HC329D Power

JOHN DEERE					JOHN DEERE					
										
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness			
								Unit, JD303A Tractor, JD444C Loader, JD540A Skidder, JD544 Loader, JD570, JD570A Grader, NB329D Power Unit, Tractor 3130, 3135, 3030		
6359D DIESEL Direct Inject, C.R.16.2,16.8:1		5870 cc	106.43 X 109.98	6 cyl				2940 Tractor, Combines 955, Power Units 6359D, Tractors 3040/3140, Combines		
CR 189AM STD/010/020/030/040 <i>Packed in pairs</i> CLE:CB- 759AL(1) FMO:3325APA GLA:GS754SA OEM:AT21138	C4057	1 Pair		2.7480/ 2.7490 69.799/ 69.825	2.9000/ 2.9010 73.660/ 73.685	1.1860 30.12	0.0750 1.905			
CR6643AM STD/010/020/040 <i>Same as CR 189AM, but pack in 6 Pairs.</i> CLE:CB- 759AL(6) FMO:6-3325AP OEM:AT21138x6	C4057	6 Pairs		2.7480/ 2.7490 69.799/ 69.825	2.9000/ 2.9010 73.660/ 73.685	1.1860 30.12	0.0750 1.905			
MB 799AM STD/010/020/030/040/050 CLE:MS-1459AL FMO:4983M	M5588	6 Pairs	1-2-3-4-5-6	3.1230/ 3.1240 79.324/ 79.350	3.3250/ 3.3260 84.455/ 84.480	1.1600 29.46	0.0997 2.532			
	F5588	1 Pair	7	3.1230/ 3.1240 79.324/ 79.350	3.3250/ 3.3260 84.455/ 84.480	1.1600 29.46	0.0997 2.532			
16	6303G			98.04 X 109.98	6 cyl			303 Power Unit, 55, 95LL Combine, 6600 Combine, 699 Harvester, HA303G, HA303L Power Unit, HB303G, HB303L Power Unit, HC303G Power Unit, HG303G Power Unit, JD540 Skidder, JD544 LOADER, JD570 Grader, NA303G, NA303L Power Unit		16
	6329G			102.11 X 109.98	6 cyl			329 Power Unit, 428 Picker, 428, 484, 499 Harvester, 4400 Combine, 6600 Combine, 699 Harvester, Hf329g Power Unit, Jd544 Loader, Jd570 Grader, Nb329g, Nb329l Power Unit		
	1520/1530 D DIESEL			102.11 X 109.93	3 cyl			1510, 1520, 1530 Tractor, JD300 Tractor, JD350 Tractor		
	4030 SERIES			102.11 X 109.98	6 cyl			4030 Series Tractor		
	3152D/820/830 D DIESEL	2491 cc		98.04 X 109.98	3 cyl			152 Power Unit, 301 Tractor, 830-1 Tractor, JD300 Crawler, JD300, JD300b Loader, JD300, JD301 Tractor, JD301A Loader, JD350 Tractor, JD350, JD350C Crawler, JD350C Loader, JD380 Forklift, Tractors 820, 830		
	1020 SERIES D DIESEL	2500 cc		98.43 X 109.54	3 cyl			Tractors 300,350,1020		
	3164 DL 03 D DIESEL Direct Injection	2687 cc		102.00 X 109.61	3 cyl			302 Tractor, JD302, JD30A Loader, Power Units 3164D, Tractors 830,930,1030,1130,, Tractors 890,1035,11201830,		
	3179D DIESEL Direct	2935 cc		106.43 X	3 cyl			2040, 2240 Tractor,		

JOHN DEERE				JOHN DEERE			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
Inject,C.R.16.2,16.8:1			109.98			Tractors 940,1040,11401630	
6359G		5876 cc	106.50 X 110.00	6 cyl			
CR 189AM STD/010/020/030/040 <i>Packed in pairs</i> CLE:CB- 759AL (1) FMO:3325APA GLA:GS754SA OEM:AT21138	C4057	1 Pair		2.7480/ 2.7490 69.799/ 69.825	2.9000/ 2.9010 73.660/ 73.685	1.1860 30.12	0.0750 1.905
CR 314AM STD/010/020 <i>Same as CR 189AM, but pack in 3 Pairs.</i> CLE:CB- 759AL (3) FMO:3-3325APA GLA:B3061SA	C4057	3 Pairs		2.7480/ 2.7490 69.799/ 69.825	2.9000/ 2.9010 73.660/ 73.685	1.1860 30.12	0.0750 1.905
MB 466AM STD/010/020/030 CLE:MS- 874AL FMO:4670M	F5588	1 Pair	4	3.1230/ 3.1240 79.324/ 79.350	3.3250/ 3.3260 84.455/ 84.480	1.5290 38.84	0.0997 2.532
	M5588	3 Pairs	1-2-3	3.1230/ 3.1240 79.324/ 79.350	3.3250/ 3.3260 84.455/ 84.480	1.1600 29.46	0.0997 2.532
17	4230/4320 D DIESEL			102.11 X 109.98	6 cyl	4230, 4320 Tractor	17
	4000 SERIES D DIESEL			104.78 X 120.65	6 cyl	4000 Series Tractor	
	6404D DIESEL			107.95 X 120.65	6 cyl	105, 105R Combine, 404 Power Unit, 4440 Tractor, 7700 Combine, JD644, JD644A Loader, JD690 Excavator, JD740 Skidder	
	4020 Series D DIESEL			107.95 X 120.65	6 cyl	4020 Series Tractor	
	4040 Series D DIESEL	6470 cc		107.95 X 120.65	6 cyl	4040 Series Tractor	
	4240/4430/4520 DIESEL	6470 cc		107.95 X 120.65	6 cyl	4240, 4430, 4520 Tractor	
	6404A/6404T DIESEL Intercooled /Turbocharged	6470 cc		107.95 X 120.65	6 cyl	4440 Tractor, 5400,5640 Harvester, 6602,6620,6622,7700,, JD690B Excavator, JD693B Buncher, JD740 Skidder	
	4620/4630/7020 DIESEL	6470 cc		107.95 X 120.65	6 cyl	4620, 4630 Series Tractor, 7020 Series Tractor	
CR 156SI CLE:CB- 669P (1) FMO:1-3125CP OEM:AR45723	C 156	1 Pair		2.9900/ 2.9980 75.946/ 76.149	3.1910/ 3.1920 81.051/ 81.077	1.3900 35.31	0.0950 2.413
MB 102SI <i>Straight shell pair from MB7032SI.</i> OEM:AR74814	M 368/1U M 368/1L	1 Pair		3.3715/ 3.3725 85.636/ 85.662	3.6270/ 3.6280 92.126/ 92.151	1.3900 35.31	0.1260 3.200
MB 103SI <i>Straight shell pair from MB7032SI. Use with TW 309AM.</i> OEM:AR77748	M 368/2U M 368/2L	1 Pair		3.3715/ 3.3725 85.636/ 85.662	3.6270/ 3.6280 92.126/ 92.151	1.6780 42.62	0.1260 3.200
MB7032SI CLE:MS-1529P ~ FMO:5114M ~	M 368/1U M 368/1L	6 Pairs	1-4,6,7	3.3715/ 3.3725 85.636/ 85.662	3.6270/ 3.6280 92.126/ 92.151	1.3900 35.31	0.1260 3.200
	M 368/2U M 368/2L	1 Pair	5	3.3715/ 3.3725 85.636/ 85.662	3.6270/ 3.6280 92.126/ 92.151	1.6780 42.62	0.1260 3.200
	W368	3 Halves	5	3.6330/ 3.6340 92.278/ 92.304	4.6600/ 4.6800 118.364/118.872	0.0000 0.00	0.1340 3.404
MB7042CP <i>Under Development</i> <i>Includes regular and flange components.</i> CLE:MS-1677P	M 368/1U	6 Pairs	1-4,6,7	3.3715/ 3.3725 85.636/ 85.662	3.6270/ 3.6280 92.126/ 92.151	1.3900 35.31	0.1260 3.200
	F5150*	1 Pair	3	3.3715/ 3.3725 85.636/ 85.662	3.6270/ 3.6280 92.126/ 92.151	1.6780 42.62	0.1260 3.200
TW 309AM	W368	3 Halves		3.6330/ 3.6340	4.6600/ 4.6800	0.0000	0.1340

JOHN DEERE					JOHN DEERE			
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
<i>Use with MB 103SI.</i> OEM:AR77747				92.278/ 92.304	118.364/118.872	0.00	3.404	
18	6068 6.8D/T		6800 cc		6 cyl	6700, 7445, 7455, 9935	18	
CR1255AM <i>use 6</i> OEM:RE65908	C1255	1 Pair		3.0630/ 3.0640 77.800/ 77.826	3.2550/ 3.2560 82.677/ 82.702	1.2598 32.00	0.0950 2.413	
MB1144AM <i>use 1</i> OEM:RE65168	F5588 F1144	1 Pair		3.1230/ 3.1240 79.324/ 79.350	3.3250/ 3.3260 84.455/ 84.480	1.5290 38.84	0.0997 2.532	
MB1145AM <i>use 6</i> OEM:RE65165	M1145U M1145L	1 Pair		3.1230/ 3.1240 79.324/ 79.350	3.3250/ 3.3260 84.455/ 84.480	1.1996 30.47	0.0997 2.532	
19	6466A Intercooled		7474 cc	115.90 X 120.65	6 cyl	4440, 4640, 4840 Tractor, 4850, 8450 Tractor, 5720 Harvester, 790, 792 Tractor, 8820 Combine, JD644C Loader, JD646C Compactor, JD740A Skidder, JD743A Buncher, JD762A Scraper	19	
	8430/8440		7474 cc	115.90 X 120.65	6 cyl	8430, 8440 Series,8650Tractor, 8650 Tractor		
	6466D DIESEL		7474 cc	115.90 X 120.65	6 cyl	6602, 6620, 6622,, 890, 4050, 4250, 44404450,		
CR 156SI CLE:CB- 669P (1) FMO:1-3125CP OEM:AR45723	C 156	1 Pair		2.9900/ 2.9980 75.946/ 76.149	3.1910/ 3.1920 81.051/ 81.077	1.3900 35.31	0.0950 2.413	
MB 102SI <i>Straight shell pair from MB7032SI.</i> OEM:AR74814	M 368/1U M 368/1L	1 Pair		3.3715/ 3.3725 85.636/ 85.662	3.6270/ 3.6280 92.126/ 92.151	1.3900 35.31	0.1260 3.200	
MB 103SI <i>Straight shell pair from MB7032SI. Use with TW 309AM.</i> OEM:AR77748	M 368/2U M 368/2L	1 Pair		3.3715/ 3.3725 85.636/ 85.662	3.6270/ 3.6280 92.126/ 92.151	1.6780 42.62	0.1260 3.200	
MB7032SI CLE:MS-1529P ~ FMO:5114M ~	M 368/1U M 368/1L	6 Pairs	1-4,6,7	3.3715/ 3.3725 85.636/ 85.662	3.6270/ 3.6280 92.126/ 92.151	1.3900 35.31	0.1260 3.200	
	M 368/2U M 368/2L	1 Pair	5	3.3715/ 3.3725 85.636/ 85.662	3.6270/ 3.6280 92.126/ 92.151	1.6780 42.62	0.1260 3.200	
	W368	3 Halves	5	3.6330/ 3.6340 92.278/ 92.304	4.6600/ 4.6800 118.364/118.872	0.0000 0.00	0.1340 3.404	
TW 309AM <i>Use with MB 103SI.</i> OEM:AR77747	W368	3 Halves		3.6330/ 3.6340 92.278/ 92.304	4.6600/ 4.6800 118.364/118.872	0.0000 0.00	0.1340 3.404	
20	6466T/TA Turbocharged, Intercooled		7474 cc	115.90 X 120.65	6 cyl	6602,6620,6622,7720,comb ine, 8450 Tractor, 8820 Combine, 890,4050,4250,4440,4450,4 640,, JD762a Scraper	20	
CR1228SI CLE:CB-1267P (1) FMO:1-3850AP OEM:AR73277	C1228	1 Pair		2.9900/ 2.9980 75.946/ 76.149	3.1910/ 3.1920 81.051/ 81.077	1.3900 35.31	0.0950 2.413	
MB 102SI <i>Straight shell pair from MB7032SI.</i> OEM:AR74814	M 368/1U M 368/1L	1 Pair		3.3715/ 3.3725 85.636/ 85.662	3.6270/ 3.6280 92.126/ 92.151	1.3900 35.31	0.1260 3.200	
MB 103SI <i>Straight shell pair from MB7032SI. Use with TW 309AM.</i> OEM:AR77748	M 368/2U M 368/2L	1 Pair		3.3715/ 3.3725 85.636/ 85.662	3.6270/ 3.6280 92.126/ 92.151	1.6780 42.62	0.1260 3.200	
MB7032SI CLE:MS-1529P ~ FMO:5114M ~	M 368/1U M 368/1L	6 Pairs	1-4,6,7	3.3715/ 3.3725 85.636/ 85.662	3.6270/ 3.6280 92.126/ 92.151	1.3900 35.31	0.1260 3.200	
	M 368/2U	1 Pair	5	3.3715/ 3.3725	3.6270/ 3.6280	1.6780	0.1260	

JOHN DEERE				JOHN DEERE			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
	M 368/2L			85.636/ 85.662	92.126/ 92.151	42.62	3.200
	W368	3 Halves	5	3.6330/ 3.6340 92.278/ 92.304	4.6600/ 4.6800 118.364/118.872	0.0000 0.00	0.1340 3.404
TW 309AM <i>Use with MB 103SL.</i> OEM:AR77747	W368	3 Halves		3.6330/ 3.6340 92.278/ 92.304	4.6600/ 4.6800 118.364/118.872	0.0000 0.00	0.1340 3.404
21	6081		8100 cc	116.00 X 129.00	6 cyl	1270D, 1470D	21
CR1296CP STD/010/011/020/022/030/040 <i>SUPERSEDED BY CR1296CP</i> OEM:R116081	C1296	1 Pair		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 3.1917 0.000/ 81.069	1.4660 37.24	0.0950 2.413
MB1215SI STD/010/011/020/022/030/040 OEM:RE504198	M1215U M1215L	1 Pair		0.0000/ 0.0000 0.000/ 0.000	4.0015/ 4.0022 101.638/101.656	1.6590 42.14	0.1240 3.150
MB1216SI STD/010/011/020/022/030/040 <i>For C&F Applications</i> OEM:RE529319	M1216U M1216L	1 Pair		0.0000/ 0.0000 0.000/ 0.000	4.0015/ 4.0022 101.638/101.656	1.3840 35.15	0.1240 3.150
MB1223CP <i>For C&F Applications</i> <i>New Version of MB1215CP</i> OEM:RE529320	F1223U F1223L	1 Pair		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.0000 0.000
TW 310AM OEM:RE61253	W 310	3 Halves		4.0158/ 4.0255 102.001/102.248	4.9469/ 4.9803 125.651/126.500	0.0000 0.00	0.1320 3.353
22	6090H		8996 cc	118.40 X 136.00	6 cyl	PowerTech Plus 9.0L	22
CR1302SI STD/010/020/030/040 OEM:RE529318	C1302U C1302L	1 Pair		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 3.4470 0.000/ 87.554	1.5000 38.10	0.0775 1.969
MB1216SI STD/010/011/020/022/030/040 OEM:RE529319	M1216U M1216L	1 Pair		0.0000/ 0.0000 0.000/ 0.000	4.0015/ 4.0022 101.638/101.656	1.3840 35.15	0.1240 3.150
MB1223CP <i>New Version of MB1215CP</i> OEM:RE529320	F1223U F1223L	1 Pair		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.0000 0.000

Engine Index: KHD

Engine-Code	Years	Cyl	CC	Line
F3L 911		3	2473	1
FL812	1964-	3	2600	4
F3L 912D/912W	1967-	3	2826	1
F3L 912F	-1994	3	3064	1
F3L 913	1976-	3	3064	1
F4L 911		4	3297	2
FA L812	1964-	4	3400	4
F4L 912D/912W	1972-	4	3768	2
BF4L 913T	-6/1996	4	4086	2
F4L 912F	-1994	4	4086	2
F4L 913	1976-	4	4086	2
BF4L 913/913C	1980-	4	4086	3
F5L 912D/912W	1972-	5	4710	5
F6L 911		6	4946	6
F6 L812	1964-	6	5100	4
F5L 912F	-1994	5	5107	5
BF6L 912	1971-	6	5652	6
F6L 912D/912W	1972-	6	5655	6
BF6L 913T	-6/1996	6	6128	6

Engine-Code	Years	Cyl	CC	Line
F6L 912F	-1994	6	6128	6
F6L 913	1976-	6	6128	6
BF6L 913/913C	1973-	6	6128	7
BF6L 413	1971-	6	8478	8
F6L 413/413W	1968-	6	8478	8
F6L 413L	1971-	6	8820	8
F/BF6L 413F/FW	1975-	6	9572	9
F/BF6L 513F/FW	1975-	6	9572	9
F/BF6L 513/513T	1986-	6	10037	9
BF8 L413	1971-	8	11300	10
F8L 413/413W	1968-	8	11300	10
F8L 413L	1971-	8	11760	10
F/BF8L 413F	1975 -	8	12763	11
F8L 413FW/FZ	1976-	8	12763	11
BF8L 513/513C	1986-	8	13382	11
F8L 513/513T	1986-	8	13382	11
BF10L 413	1971-	10	14140	13
F10L 413/413W	1968-	10	14140	13
F8L 513L	1993-	8	14410	11

Engine-Code	Years	Cyl	CC	Line
F/BF10L 413F/FW	1975-	10	15953	12
F/BF10L 513F/C		10	15953	12
F/BF10L 513	1986-	10	16728	12
F10L 513L Euro1	1997-	10	16728	12
F10L 513T		10	16728	12
F12L 413	1968 -	12	16960	14
F12L 413L	1971-	12	16960	14
F10L 413L	1971-	10	17640	13

Engine-Code	Years	Cyl	CC	Line
BF12L 413	1971-	12	17640	14
BF12L 513F/FW	1975-	12	19144	15
F/BF12L 413F/FW	1975-	12	19144	15
F/BF12L 513	1985-	12	20076	15
F12L 513 Euro1	1997-	12	20076	15
F12L 513T	1986-	12	20076	15

Car Model Index: KHD

Model	Engine	Years	Cyl	CC	Line
All Models	F8L 413/413W		8	11300	10
D4005,D4505	FL812		3	2600	4
D5005,D5505 Magirus	FA L812		4	3400	4
D8005	F6 L812		6	5100	4

Model	Engine	Years	Cyl	CC	Line
Intrac 2011,D14,D30	F8L 413/413W		8	11300	10
Magirus 90D,100D	F6 L812		6	5100	4
Sirus 90	F6 L812		6	5100	4

KHD				KHD			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	F3L 911		2473 cc	100.00 X 105.00	3 cyl		1
	F3L 912D/912W	1967-	2826 cc	100.00 X 120.00	3 cyl		
	F3L 912F	-1994	3064 cc	102.00 X 125.00	3 cyl		
	F3L 913	1976-	3064 cc	102.00 X 125.00	3 cyl		
CR 133CP STD/.25/.5/.75/1.0/1.00/1.25/1.5 3 prs required CLE:CB-1053P(1) FMO: 1480CP GLA:GS158LC GLY:01-2800 K.S:78 186 600 VAN:VPR91467	C 133L C 133R	1 Pair		2.3599/ 2.3606 59.941/ 59.959	2.5197/ 2.5204 64.000/ 64.018	0.9850 25.02	0.0780 1.981
MB4055CP K.S:87 879 600	M 120U	4 Pairs		2.7548/ 2.7555 69.972/ 69.990	2.9331/ 2.9338 74.501/ 74.519	1.0630 27.00	0.0870 2.210
2	F4L 911		3297 cc	100.00 X 105.00	4 cyl		2
	F4L 912D/912W	1972-	3768 cc	100.00 X 120.00	4 cyl		
	F4L 912F	-1994	4086 cc	102.00 X 125.00	4 cyl		
	F4L 913	1976-	4086 cc	102.00 X 125.00	4 cyl		
	BF4L 913T	-6/1996	4086 cc	102.00 X 125.00	4 cyl		
CR 133CP STD/.25/.5/.75/1.0/1.00/1.25/1.5 4 prs required CLE:CB-1053P(1) FMO: 1480CP GLA:GS158LC GLY:01-2800 K.S:78 186 600 VAN:VPR91467	C 133L C 133R	1 Pair		2.3599/ 2.3606 59.941/ 59.959	2.5197/ 2.5204 64.000/ 64.018	0.9850 25.02	0.0780 1.981
MB5276CP GLY:H055/5 K.S:87 878 600	M 120U	5 Pairs		2.7548/ 2.7555 69.972/ 69.990	2.9331/ 2.9338 74.501/ 74.519	1.0630 27.00	0.0870 2.210
3	BF4L 913/913C	1980-	4086 cc	102.00 X 125.00	4 cyl		3
	CR1013CP	C1013A	1 Pair		2.5973/ 2.5980	2.7559/ 2.7567	

KHD				KHD			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
4 prs required K.S:78 276 600	C1013B			65.971/ 65.989	70.000/ 70.020	25.00	1.984
MB5303CP	M1014	5 Pairs	1-5	2.9516/ 2.9524 74.971/ 74.991	3.1102/ 3.1110 78.999/ 79.019	0.9843 25.00	0.0781 1.984
4	FL812	1964-	2600 cc	95.00 X 120.00	3 cyl	D4005,D4505	4
	FA L812	1964-	3400 cc	95.00 X 120.00	4 cyl	D5005,D5505 Magirus 70 D	
	F6 L812	1964-	5100 cc	95.00 X 120.00	6 cyl	D8005, Magirus 90D,100D, Sirus 90	
MB 121CP STD/.25/.5/.75/1.0/1.25/1.5 CLE:MS- 198P FMO:1481CP GLA:GS159LC GLY:72-2228 K.S:78 042 600 VAN:VPM92509	M 120U	1 Pair		2.7548/ 2.7555 69.972/ 69.990	2.9331/ 2.9338 74.501/ 74.519	1.0630 27.00	0.0870 2.210
5	F5L 912D/912W	1972-	4710 cc	100.00 X 120.00	5 cyl		5
	F5L 912F	-1994	5107 cc	102.00 X 125.00	5 cyl		
CR 133CP STD/.25/.5/.75/1.0/1.00/1.25/1.5 5 prs required CLE:CB-1053P(1) FMO: 1480CP GLA:GS158LC GLY:01-2800 K.S:78 186 600 VAN:VPR91467	C 133L C 133R	1 Pair		2.3599/ 2.3606 59.941/ 59.959	2.5197/ 2.5204 64.000/ 64.018	0.9850 25.02	0.0780 1.981
MB 620CP K.S:87 459 600	M 120U	6 Pairs		2.7548/ 2.7555 69.972/ 69.990	2.9331/ 2.9338 74.501/ 74.519	1.0630 27.00	0.0870 2.210
6	F6L 911		4946 cc	100.00 X 105.00	6 cyl		6
	BF6L 912	1971-	5652 cc	100.00 X 120.00	6 cyl		
	F6L 912D/912W	1972-	5655 cc	100.00 X 120.00	6 cyl		
	F6L 912F	-1994	6128 cc	102.00 X 125.00	6 cyl		
	F6L 913	1976-	6128 cc	102.00 X 125.00	6 cyl		
	BF6L 913T	-6/1996	6128 cc	102.00 X 125.00	6 cyl		
CR 133CP STD/.25/.5/.75/1.0/1.00/1.25/1.5 6 prs required CLE:CB-1053P(1) FMO: 1480CP GLA:GS158LC GLY:01-2800 K.S:78 186 600 VAN:VPR91467	C 133L C 133R	1 Pair		2.3599/ 2.3606 59.941/ 59.959	2.5197/ 2.5204 64.000/ 64.018	0.9850 25.02	0.0780 1.981
MB7081CP GLY:H085/7 K.S:87 877 600	M 120U	7 Pairs		2.7548/ 2.7555 69.972/ 69.990	2.9331/ 2.9338 74.501/ 74.519	1.0630 27.00	0.0870 2.210
7	BF6L 913/913C	1973-	6128 cc	102.00 X 125.00	6 cyl		7
CR1013CP 6 prs required K.S:78 276 600	C1013A C1013B	1 Pair		2.5973/ 2.5980 65.971/ 65.989	2.7559/ 2.7567 70.000/ 70.020	0.9843 25.00	0.0781 1.984
MB 726CP K.S:87 442 600	M1014	7 Pairs	1-7	2.9516/ 2.9524 74.971/ 74.991	3.1102/ 3.1110 78.999/ 79.019	0.9843 25.00	0.0781 1.984
8	F6L 413/413W	1968-	8478 cc	120.00 X 125.00	6 cyl		8
	BF6L 413	1971-	8478 cc	120.00 X 125.00	6 cyl		
	F6L 413L	1971-	8820 cc	120.00 X 130.00	6 cyl		
CR1239CP 6 prs required GLY:71-2834/1 K.S:78 609 600	C 875	1 Pair		2.9516/ 2.9523 74.971/ 74.988	3.1496/ 3.1503 80.000/ 80.018	1.0950 27.81	0.0979 2.487
MB4053CP <i>Under Development</i> GLY:H 925/4 K.S:87 692 600	M5001U M5001L	3 Pairs		3.5420/ 3.5428 89.967/ 89.987	3.7795/ 3.7804 95.999/ 96.022	1.1420 29.01	0.1164 2.957

KHD					KHD			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
	F5001U F5001L	1 Pair		3.5420/ 3.5428 89.967/ 89.987	3.7795/ 3.7804 95.999/ 96.022	1.6060 40.79	0.1164 2.957	
9	F/BF6L 413F/FW	1975-	9572 cc	125.00 X 130.00	6 cyl		9	
	F/BF6L 513F/FW	1975-	9572 cc	125.00 X 130.00	6 cyl			
	F/BF6L 513/513T	1986-	10037 cc	128.00 X 130.00	6 cyl			
CR1239CP 6 prs required GLY: 71-2834/1 K.S.: 78 609 600	C 875	1 Pair		2.9516/ 2.9523 74.971/ 74.988	3.1496/ 3.1503 80.000/ 80.018	1.0950 27.81	0.0979 2.487	
MB4054CP GLY: H 931/4 K.S.: 87 441 600	M5002U M5002L	3 Pairs		3.7388/ 3.7397 94.966/ 94.988	3.9764/ 3.9772 101.001/101.021	1.1420 29.01	0.1167 2.964	
	F5002U F5002L	1 Pair		3.7388/ 3.7397 94.966/ 94.988	3.9764/ 3.9772 101.001/101.021	1.6060 40.79	0.1167 2.964	
10	F8L 413/413W	1968-1980	11300 cc	120.00 X 125.00	8 cyl	All Models M/200,M300,M232, Intrac 2011,D14,D30	10	
	BF8 L413	1971-1975	11300 cc	125.00 X 130.00	8 cyl			
	F8L 413L	1971-	11760 cc	120.00 X 130.00	8 cyl			
CR 875CP 8 prs of CR1239CP CLE: CB- 945P (8) GLA: B1110LB (8) GLY: 71-2834/8 K.S.: 87 485 600 VAN: VPR92207 (8)	C 875	8 Pairs		2.9516/ 2.9523 74.971/ 74.988	3.1496/ 3.1503 80.000/ 80.018	1.0950 27.81	0.0974 2.474	
CR1239CP GLY: 71-2834/1 K.S.: 78 609 600	C 875	1 Pair		2.9516/ 2.9523 74.971/ 74.988	3.1496/ 3.1503 80.000/ 80.018	1.0950 27.81	0.0979 2.487	
MB5001CP Under Development GLA: M1068/67LB (5) GLY: H 925/5 K.S.: 87 691 600 VAN: VPM92356/7 (5)	M5001U M5001L	4 Pairs		3.5420/ 3.5428 89.967/ 89.987	3.7795/ 3.7804 95.999/ 96.022	1.1420 29.01	0.1164 2.957	
	F5001U F5001L	1 Pair		3.5420/ 3.5428 89.967/ 89.987	3.7795/ 3.7804 95.999/ 96.022	1.6060 40.79	0.1164 2.957	
11	F/BF8L 413F	1975 -	12763 cc	120.00 X 130.00	8 cyl		11	
	F8L 413FW/FZ	1976-	12763 cc	125.00 X 130.00	8 cyl			
	F8L 513/513T	1986-	13382 cc	128.00 X 130.00	8 cyl			
	BF8L 513/513C	1986-	13382 cc	128.00 X 130.00	8 cyl			
	F8L 513L	1993-	14410 cc	128.00 X 140.00	8 cyl			
CR 875CP 8 prs of CR1239CP CLE: CB- 945P (8) GLA: B1110LB (8) GLY: 71-2834/8 K.S.: 87 485 600 VAN: VPR92207 (8)	C 875	8 Pairs		2.9516/ 2.9523 74.971/ 74.988	3.1496/ 3.1503 80.000/ 80.018	1.0950 27.81	0.0974 2.474	
CR1239CP GLY: 71-2834/1 K.S.: 78 609 600	C 875	1 Pair		2.9516/ 2.9523 74.971/ 74.988	3.1496/ 3.1503 80.000/ 80.018	1.0950 27.81	0.0979 2.487	
MB5002CP GLY: H 931/5 K.S.: 87 440 600	M5002U M5002L	4 Pairs		3.7388/ 3.7397 94.966/ 94.988	3.9764/ 3.9772 101.001/101.021	1.1338 28.80	0.1168 2.967	
	F5002U F5002L	1 Pair		3.7388/ 3.7397 94.966/ 94.988	3.9764/ 3.9772 101.001/101.021	1.6076 40.83	0.1168 2.967	
12	F/BF10L 413F/FW	1975-	15953 cc	125.00 X 130.00	10 cyl		12	
	F/BF10L 513F/C		15953 cc	125.00 X 130.00	10 cyl			
	F/BF10L 513	1986-	16728 cc	128.00 X	10 cyl			

KHD				KHD			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
		cc	130.00				
F10L 513L Euro1	1997-	16728	128.00 X	10 cyl			
F10L 513T		cc	130.00				
		16728	128.00 X	10 cyl			
		cc	130.00				
CR1239CP <i>10 prs required</i> GLY:71-2834/1 K.S:78 609 600	C 875	1 Pair		2.9516/ 2.9523 74.971/ 74.988	3.1496/ 3.1503 80.000/ 80.018	1.0950 27.81	0.0979 2.487
MB 619CP GLY:H 931/6 K.S:87 439 600	M5002U M5002L	5 Pairs		3.7388/ 3.7397 94.966/ 94.988	3.9764/ 3.9772 101.001/101.021	1.1420 29.01	0.1167 2.964
	F5002U F5002L	1 Pair		3.7388/ 3.7397 94.966/ 94.988	3.9764/ 3.9772 101.001/101.021	1.6060 40.79	0.1167 2.964
13	F10L 413/413W	1968-	14140 cc	120.00 X 125.00	10 cyl		13
	BF10L 413	1971-	14140 cc	120.00 X 130.00	10 cyl		
	F10L 413L	1971-	17640 cc	120.00 X 130.00	10 cyl		
CR1239CP <i>10 prs required</i> GLY:71-2834/1 K.S:78 609 600	C 875	1 Pair		2.9516/ 2.9523 74.971/ 74.988	3.1496/ 3.1503 80.000/ 80.018	1.0950 27.81	0.0979 2.487
MB 618CP <i>Under Development</i> GLY:H 925/6 K.S:87 690 600	M5001U M5001L	5 Pairs		3.5420/ 3.5428 89.967/ 89.987	3.7795/ 3.7804 95.999/ 96.022	1.1420 29.01	0.1164 2.957
	F5001U F5001L	1 Pair		3.5420/ 3.5428 89.967/ 89.987	3.7795/ 3.7804 95.999/ 96.022	1.6060 40.79	0.1164 2.957
14	F12L 413	1968 -	16960 cc	120.00 X 125.00	12 cyl		14
	F12L 413L	1971-	16960 cc	120.00 X 125.00	12 cyl		
	BF12L 413	1971-	17640 cc	120.00 X 130.00	12 cyl		
CR1239CP <i>12 prs required</i> GLY:71-2834/1 K.S:78 609 600	C 875	1 Pair		2.9516/ 2.9523 74.971/ 74.988	3.1496/ 3.1503 80.000/ 80.018	1.0950 27.81	0.0979 2.487
MB7079CP <i>Under Development</i> GLY:H 925/7 K.S:87 689 600	M5001U M5001L	6 Pairs		3.5420/ 3.5428 89.967/ 89.987	3.7795/ 3.7804 95.999/ 96.022	1.1420 29.01	0.1164 2.957
	F5001U F5001L	1 Pair		3.5420/ 3.5428 89.967/ 89.987	3.7795/ 3.7804 95.999/ 96.022	1.6060 40.79	0.1164 2.957
15	F/BF12L 413F/FW	1975-	19144 cc	125.00 X 130.00	12 cyl		15
	BF12L 513F/FW	1975-	19144 cc	125.00 X 130.00	12 cyl		
	F12L 513T	1986-	20076 cc	128.00 X 130.00	12 cyl		
	F/BF12L 513	1985-	20076 cc	128.00 X 130.00	12 cyl		
	F12L 513 Euro1	1997-	20076 cc	128.00 X 130.00	12 cyl		
CR1239CP <i>12 prs required</i> GLY:71-2834/1 K.S:78 609 600	C 875	1 Pair		2.9516/ 2.9523 74.971/ 74.988	3.1496/ 3.1503 80.000/ 80.018	1.0950 27.81	0.0979 2.487
MB7080CP GLY:H 931/7 K.S:87 438 600	M5002U M5002L	6 Pairs		3.7388/ 3.7397 94.966/ 94.988	3.9764/ 3.9772 101.001/101.021	1.1420 29.01	0.1167 2.964
	F5002U F5002L	1 Pair		3.7388/ 3.7397 94.966/ 94.988	3.9764/ 3.9772 101.001/101.021	1.6060 40.79	0.1167 2.964

Engine Index: KIA

Engine-Code	Years	Cyl	CC	Line
JADE	1992-	3	796	1
B3	1997-	4	1323	3
DC DOHC 16 valve	2001-02	4	1493	2
B5	1998-	4	1498	3
NB-3(BT-57)1.5	1992-	4	1498	3
B6 Mazda SOHC 16 valve	1993-95	4	1597	4
B6 Mazda DOHC 16 valve	1995-97	4	1597	4
NB-3(BT-57)1.6	1992-	4	1598	3
BP Mazda DOHC 16 valve	1995-97	4	1840	4
RF	1986 -	4	1998	7
FE Mazda DOHC 16 valve	1995-02	4	1998	5
FE Mazda SOHC 8 valve	1995-96	4	1998	6

Engine-Code	Years	Cyl	CC	Line
R2	1983-	4	2184	7
F2	1988-	4	2184	8
S2	1979-90	4	2209	9
G4JS Sirius Mits. DOHC 16 valve	1999-05	4	2351	10
2.7L		4	2700	11
HA	1980-89	4	2977	12
SL	1984-89	4	3455	12
G6CU Hyundai DOHC 24 Valve	2002-05	6	3497	13
H07C, H07C-T	1989	6	6728	14
EF750, EF750-T	1981-	8	16745	15

Car Model Index: KIA

Model	Engine	Years	Cyl	CC	Line
B2200 Light Truck	S2		4	2209	9
4-DOOR	FE Mazda DOHC		4	1998	5
Avella, Sepia	NB-3(BT-57)1.5		4	1498	3
Avella, Sepia	NB-3(BT-57)1.6		4	1598	3
B2200 Pick-up	S2		4	2209	9
Besta, Frontier	2.7L		4	2700	11
Besta, Sportage 2.2D	R2	1994-	4	2184	7
Bongo Bondy, E2200	S2		4	2209	9
E2200 Van, E2200 Bus	R2	1984-	4	2184	7
FN 634-638 Tractor	EF750, EF750-T	1986 -	8	16745	15
Jumbo Titan, P-WEL4	SL		4	3455	12
KL, KQ Series	EF750, EF750-T	1986 -	8	16745	15
LA4SS, HBPS2 Bongo	S2		4	2209	9
Optima	G4JS Sirius Mits.		4	2351	10
Potentia	F2		4	2184	8

Model	Engine	Years	Cyl	CC	Line
Pride	B3		4	1323	3
Pride,Rio	DC DOHC 16 valve		4	1493	2
Sedona,Sorento	G6CU Hyundai		6	3497	13
Sephia	B6 Mazda SOHC	1994-97	4	1597	4
Sephia	B6 Mazda DOHC		4	1597	4
Sephia	BP Mazda DOHC	1995-98	4	1840	4
Sepia, Shuma	B5		4	1498	3
Sportage	FE Mazda DOHC		4	1998	5
Sportage	FE Mazda SOHC 8		4	1998	6
Sportage 4x2	FE Mazda DOHC		4	1998	5
Towner	JADE		3	796	1
Truck FN634-FN638	EF750, EF750-T	1983 -	8	16745	15

KIA		KIA						
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
1	JADE	1992-	796 cc	68.00 X 69.00	3 cyl	Towner	1	
CR 306AM STD/.25/.5/.75/1.0 ACL: 3B8010 DAI: R1668A GLA: B3059SA NDC: CB-2501A VAN: VPR92004A	C 306	3 Pairs		1.5738/ 1.5748 39.975/ 40.000	1.6929/ 1.6938 43.000/ 43.023	0.7090 18.01	0.0587 1.491	
MB 490AM STD/.25/.5/.75/1.0 CLE: MS-1785AL GLA: M4272LC NDC: MS-2505A OEM: 11701-87705-02	M 416 M 490	4 Pairs		1.6526/ 1.6535 41.976/ 41.999	1.8110/ 1.8120 45.999/ 46.025	0.7680 19.51	0.0783 1.989	
2	DC DOHC 16 valve	2001-02	1493 cc	75.50 X 83.40	4 cyl	Pride,Rio	2	
CR4495AM STD/.25/.5/.75/1.0/1.25/1.5 ACL: 4B8331 DAI: R 809A	C4495	4 Pairs		1.5724/ 1.5730 39.939/ 39.954	1.6929/ 1.6935 43.000/ 43.015	0.6690 16.99	0.0594 1.509	

KIA		KIA						
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
GLA:B4613SA NDC:CB-1168A OEM:8034-23-105	GLY:01-4343/4 OEM:8936-23-105 VAN:VPR92623							
MB5304AM ACL:5M8353 FMO:7204M GLY:H1192/5 OEM:KK1Y-11-SGO VAN:VPM92643	DAI:M8108A GLA:M5556SA NDC:MS-2012A OEM:B6Y1-11-SGO	M5537 M5304L	5 Pairs	1-5	1.9661/ 1.9668 49.939/ 49.957	2.1259/ 2.1267 53.998/ 54.018	0.6890 17.50	0.0791 2.009
TW 133AM _{STD/5} ACL:1T8353 DAI:T8108A GLA:W2408L NDC:TW-2008A OEM:B6Y0-11-SJO	CLE:TW- 472S FMO:4176AF GLY:A260/2 OEM:B6Y2-11-SJO	W 133	1 Pair		2.2539/ 2.2638 57.249/ 57.501	2.7067/ 2.7165 68.750/ 68.999	0.0000 0.00	0.1004 2.550
3	B3	1997-	1323 cc	71.00 X 83.60	4 cyl	Pride	3	
	NB-3(BT-57)1.5	1992-	1498 cc	78.00 X 78.40	4 cyl	Avella, Sepia		
	B5	1998-	1498 cc	78.00 X 78.40	4 cyl	Sepia, Shuma		
	NB-3(BT-57)1.6	1992-	1598 cc	78.00 X 83.60	4 cyl	Avella, Sepia		
CR4495CP								
MB5304AM ACL:5M8353 FMO:7204M GLY:H1192/5 OEM:KK1Y-11-SGO VAN:VPM92643	DAI:M8108A GLA:M5556SA NDC:MS-2012A OEM:B6Y1-11-SGO	M5537 M5304L	5 Pairs	1-5	1.9661/ 1.9668 49.939/ 49.957	2.1259/ 2.1267 53.998/ 54.018	0.6890 17.50	0.0791 2.009
MB5537AM _{STD/.25/.5/.75/1.0/1.25/1.5} <i>All halves are full grooved with 4.5 mm hole.</i> ACL:5M8354 DAI: M 822A2 GLA:M5393SA OEM:OK2YA-11-SGO VAN:VPM91878	CLE:MS-1802AL FMO:7207M NDC:MS-2008A OEM:B6Y0-11-SGO	M5537	5 Pairs		1.9661/ 1.9668 49.939/ 49.957	2.1259/ 2.1267 53.998/ 54.018	0.6890 17.50	0.0791 2.009
4	B6 Mazda SOHC 16 valve	1993-95	1597 cc	78.00 X 84.00	4 cyl	Sepia	4	
	B6 Mazda DOHC 16 valve	1995-97	1597 cc	78.00 X 84.00	4 cyl	Sepia		
	BP Mazda DOHC 16 valve	1995-97	1840 cc	83.00 X 85.00	4 cyl	Sepia		
CR4002AM _{STD/.25/.5/.75/1.0} ACL:4B8351 DAI:R8108A GLA:B4764SA NDC:CB-2008A OEM:B6Y0-11-SE0	CLE:CB-1453AL (4) FMO:4-4175 GLY:01-4359/4 OEM:OK2YA-11-SE0 VAN:VPR92624	C4002	4 Pairs		1.7693/ 1.7699 44.940/ 44.955	1.8896/ 1.8904 47.996/ 48.016	0.6690 16.99	0.0594 1.509
MB5537AM _{STD/.25/.5/.75/1.0/1.25/1.5} <i>All halves are full grooved with 4.5 mm hole.</i> ACL:5M8354 DAI: M 822A2 GLA:M5393SA OEM:OK2YA-11-SGO VAN:VPM91878	CLE:MS-1802AL FMO:7207M NDC:MS-2008A OEM:B6Y0-11-SGO	M5537	5 Pairs		1.9661/ 1.9668 49.939/ 49.957	2.1259/ 2.1267 53.998/ 54.018	0.6890 17.50	0.0791 2.009
TW 133AM _{STD/5} ACL:1T8353 DAI:T8108A GLA:W2408L NDC:TW-2008A OEM:B6Y0-11-SJO	CLE:TW- 472S FMO:4176AF GLY:A260/2 OEM:B6Y2-11-SJO	W 133	1 Pair		2.2539/ 2.2638 57.249/ 57.501	2.7067/ 2.7165 68.750/ 68.999	0.0000 0.00	0.1004 2.550
5	FE Mazda DOHC 16 valve	1995-02	1998 cc	86.00 X 86.00	4 cyl	4-DOOR, Sportage, Sportage 4x2	5	
CR4096AM _{STD/.25/.5/.75/1.0} ACL:4B8140 DAI:R8112A GLA:B4765 OEM:FEY1-11-SE0 VAN:VPR92625	CLE:CB-1455AL (4) FMO:4-4200RA NDC:CB-2009A OEM:FEYA-11-SE0	C4096	4 Pairs		2.0055/ 2.0062 50.940/ 50.957	2.1259/ 2.1267 53.998/ 54.018	0.8320 21.13	0.0594 1.509
MB5359AM _{STD} ACL:5M8142 OEM:OKFY0-11-SGO	CLE:MS-1803AL	M5528 M5359L	5 Pairs	1-5	2.3598/ 2.3604 59.939/ 59.954	2.5197/ 2.5204 64.000/ 64.018	0.7531 19.13	0.0791 2.009
TW 268AM <i>Under Development</i>		W 268	2 Pairs		0.0000/ 2.7260 0.000/ 69.240	3.3230/ 0.0000 84.404/ 0.000	0.0000 0.00	0.0807 2.050

KIA				KIA				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
ACL: 2T2134 FMO: 3977AF NDC: TW-2007A VAN: VPW95260A	DAI: T8418A GLY: A243/2 OEM: RF01-23-115							
6	FE Mazda SOHC 8 valve	1995-96	1998 cc	86.00 X 86.00	4 cyl	Sportage	6	
CR 405AM STD/.25/.5/1.0/1.25/1.5	C 405	4 Pairs		2.0055/ 2.0059 50.940/ 50.950	2.1259/ 2.1267 53.998/ 54.018	0.8320 21.13	0.0594 1.509	
ACL: 4B2130 DAI: R8111A GLA: B4633SA NDC: CB-2004A OEM: F801-23-105A	CLE: CB-1362AL (4) FMO: 4-3975RA GLY: 71-4278/4 OEM: F801-23-130 VAN: VPR92032							
MB5359AM STD	M5528 M5359L	5 Pairs	1-5	2.3598/ 2.3604 59.939/ 59.954	2.5197/ 2.5204 64.000/ 64.018	0.7531 19.13	0.0791 2.009	
ACL: 5M8142 OEM: OKFY0-11-SG0	CLE: MS-1803AL							
7	RF	1986 -	1998 cc	86.00 X 86.00	4 cyl		7	
	R2	1983-	2184 cc	89.00 X 94.00	4 cyl	Besta, Sportage 2.2D, E2200 Van, E2200 Bus		
CR 405AM STD/.25/.5/1.0/1.25/1.5	C 405	4 Pairs		2.0055/ 2.0059 50.940/ 50.950	2.1259/ 2.1267 53.998/ 54.018	0.8320 21.13	0.0594 1.509	
ACL: 4B2130 DAI: R8111A GLA: B4633SA NDC: CB-2004A OEM: F801-23-105A	CLE: CB-1362AL (4) FMO: 4-3975RA GLY: 71-4278/4 OEM: F801-23-130 VAN: VPR92032							
CR 405CP STD/.25/.5/1.0								
MB5158AM STD/.25/.5/1.0	M5158/1	4 Pairs	1-2-4-5	2.3598/ 2.3604 59.939/ 59.954	2.5197/ 2.5204 64.000/ 64.018	0.7531 19.13	0.0790 2.007	
ACL: 5M2134 DAI: M8418A GLA: M5509LC NDC: MS-2007A VAN: VPM92556LC	CLE: MS-1780AL FMO: 6645M GLY: H1161/5 OEM: RF01-23-135A							
MB5225AM STD/.25/.5/1.0	M5158/3	1 Pair	3	2.3598/ 2.3604 59.939/ 59.954	2.5197/ 2.5204 64.000/ 64.018	0.8319 21.13	0.0790 2.007	
ACL: 5M8137 FMO: 6692M	CLE: MS-2046P GLY: H1110/5							
8	F2	1988-	2184 cc	86.00 X 94.00	4 cyl	Potentia	8	
CR4096AM STD/.25/.5/1.0	C4096	4 Pairs		2.0055/ 2.0062 50.940/ 50.957	2.1259/ 2.1267 53.998/ 54.018	0.8320 21.13	0.0594 1.509	
ACL: 4B8140 DAI: R8112A GLA: B4765 OEM: FEY1-11-SE0 VAN: VPR92625	CLE: CB-1455AL (4) FMO: 4-4200RA NDC: CB-2009A OEM: FEYA-11-SE0							
9	S2	1979-90	2209 cc	88.90 X 89.00	4 cyl	B2200 Light Truck, B2200 Pick-up, Bongo Bondy, E2200 Coach, LA4SS, HBPS2 Bongo 220D,	9	
CR4295AM	C4295	4 Pairs		2.0861/ 2.0866 52.987/ 53.000	2.2316/ 2.2321 56.683/ 56.695	1.1260 28.60	0.0722 1.834	
ACL: 4B1750 GLA: B4650 NDC: CB-1181 VAN: VPR92034	DAI: R8380K GLY: 71-4347/4 OEM: 1456-23-105A							
MB5332CP	M5332U	4 Pairs	1,2,4,5	2.5585/ 2.5591 64.986/ 65.001	2.7160/ 2.7165 68.986/ 68.999	1.1260 28.60	0.0780 1.981	
ACL: 5M1748 FMO: 6644M GLY: 6644M NDC: MS-1181 VAN: VPM92035LC	DAI: M8380K GLA: M5432 K.S: MS-1181GP OEM: 1456-23-110							
	M5332U M5332/3L	1 Pair	3	2.5585/ 2.5591 64.986/ 65.001	2.7160/ 2.7165 68.986/ 68.999	1.1260 28.60	0.0780 1.981	
10	G4JS Sirius Mits. DOHC 16 valve	1999-05	2351 cc	86.50 X 100.00	4 cyl	Optima	10	
CR4120AM STD/.25/.5/1.0/1.25/1.5	C4120	4 Pairs		1.7709/ 1.7717 44.981/ 45.001	1.8898/ 1.8904 48.001/ 48.016	0.8268 21.00	0.0587 1.491	
ACL: 4B1185 DAI: R7281A NDC: CB-1827A	CLE: CB-1643P (4) FMO: 4-4700 OEM: MD178648-650							
MB5315AM STD/.25/.5/1.0	M5177U M5177L	5 Pairs	1-5	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	0.8120 20.62	0.0786 1.996	
ACL: 5M1219 OEM: 21020-38540	FMO: 7415M							
TW 173AM STD/.25	W 173	1 Pair		2.4842/ 2.4941 63.099/ 63.350	3.1693/ 3.1791 80.500/ 80.749	0.0000 0.00	0.0830 2.108	
ACL: 1T1219	FMO: 4709F							

KIA					KIA			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
NDC:TW-1834A								
11	2.7L	2700 cc		4 cyl	Besta, Frontier		11	
CR4299AM GLY:01-4324/4 OEM:OVNY1-11-SEO	C4299	4 Pairs		2.2485/ 2.2490 57.112/ 57.125	2.3950/ 2.3955 60.833/ 60.846	1.0433 26.50	0.0724 1.839	
MB5338AM -1997 OEM:OVNY1-11-SGO	M5338U M5338L	5 Pairs	1-5	0.0000/ 0.0000 0.000/ 0.000	3.1524/ 3.1532 80.071/ 80.091	1.0827 27.50	0.0984 2.499	
MB5344AM 1998- OEM:OK622-11-SGO	M5344U M5344L	4 Pairs	1,2,4,5	0.0000/ 0.0000 0.000/ 0.000	2.9160/ 2.9170 74.066/ 74.092	1.0590 26.90	0.0787 1.999	
	M5344U	1 Pair	3	0.0000/ 0.0000 0.000/ 0.000	2.9160/ 2.9170 74.066/ 74.092	1.0590 26.90	0.0787 1.999	
12	HA	1980-89	2977 cc	95.00 X 105.00	4 cyl	12		
	SL	1984-89	3455 cc	100.00 X 110.00	4 cyl	Jumbo Titan, P-WEL4		
MB5057AM ACL:5M1777 FMO:6670M GLY:H1191/5 VAN:VPM92039 CLE:MS-1640P GLA:M5433 NDC:MS-1153	M5057U	4 Pairs		2.9846/ 2.9852 75.809/ 75.824	3.1524/ 3.1532 80.071/ 80.091	1.1260 28.60	0.0828 2.103	
	M5057U M5057L	1 Pair		2.9846/ 2.9852 75.809/ 75.824	3.1524/ 3.1532 80.071/ 80.091	1.1260 28.60	0.0828 2.103	
13	G6CU Hyundai DOHC 24 Valve	2002-05	3497 cc	93.00 X 85.80	6 cyl	13		
CR6735AM STD/.25/.5/.75 ACL:6B1180 DAI:R7700K OEM:MD311928-32 CLE:CB-1832P NDC:CB-1842A		C6735	6 Pairs	2.1646/ 2.1653 54.981/ 54.999	2.2835/ 2.2842 58.001/ 58.019	0.6024 15.30	0.0587 1.491	
MB4050AM STD/.25/.5/.75 ACL:4M1183 DAI:M7700K OEM:21020-35750 CLE:MS-2238P NDC:MS-1842A OEM:MD197907-11		M4050U M4050L	4 Pairs	1-4	2.5190/ 2.5197 63.983/ 64.000	2.6772/ 2.6780 68.001/ 68.021	0.6732 17.10	0.0786 1.996
14	H07C, H07C-T	1989 Only	6728 cc	100.00 X 110.00	6 cyl	14		
CR6737CP Under Development GLA:B6650LC NDC:CB-2111		C6737*	6 Pairs	0.0000/ 2.5575 0.000/ 64.961	2.7159/ 0.0000 68.984/ 0.000	1.3043 33.13	0.0787 1.999	
MB7065CP Under Development GLA:M7476LC OEM:11701-1790 NDC:MS-2108GP		M7065/1U* M7065/1L*	3 Pairs	1,4,7	0.0000/ 3.1480 0.000/ 79.959	3.3459/ 0.0000 84.986/ 0.000	1.2650 32.13	0.0980 2.489
		M7065/2U* M7065/2L*	4 Pairs	2,3,5,6	0.0000/ 3.1480 0.000/ 79.959	3.3459/ 0.0000 84.986/ 0.000	1.1075 28.13	0.0980 2.489
15	EF750, EF750-T	1981-	16745 cc	137.00 X 142.00	8 cyl	15		
CR 886CP GLA:B8114LC VAN:VPR92559LC		C 886	8 Pairs	0.0000/ 3.3057 0.000/ 83.965	3.5045/ 0.0000 89.014/ 0.000	1.2874 32.70	0.0983 2.497	
MB5261CP Under Development GLA:M5426LC VAN:VPM92544LC		M5261U M5261L	5 Pairs	0.0000/ 4.3276 0.000/109.921	4.5675/ 0.0000 116.015/ 0.000	1.3780 35.00	0.1184 3.007	

Engine Index: KIA PERFORMANCE

Engine-Code	Years	Cyl	CC	Line
G4JS Sirius Mits. DOHC 16 valve	1999-05	4	2351	1

Engine-Code	Years	Cyl	CC	Line

Car Model Index: KIA PERFORMANCE

CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

Model	Engine	Years	Cyl	CC	Line
Optima	G4JS Sirius Mits.		4	2351	1

Model	Engine	Years	Cyl	CC	Line

KIA PERFORMANCE					KIA PERFORMANCE				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
1	G4JS Sirius Mits. DOHC 16 valve	1999-05	2351 cc	86.50 X 100.00	4 cyl	Optima			1
CR4120XP <i>Years (from 4/92)</i> ACL:4B1185H	C4120/PR	4 Pairs		1.7709/ 1.7715 44.981/ 44.996	1.8897/ 1.8905 47.998/ 48.019	0.8310 21.11	0.0586 1.488		
MB5315XP STD/.25 ACL:5M1219H	M5315U/PR M5315L/PR	5 Pairs	1-5	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	0.8270 21.01	0.0783 1.989		
TW 173AM STD/.25 ACL:1T1219 FMO:4709F NDC:TW-1834A	W 173	1 Pair		2.4842/ 2.4941 63.099/ 63.350	3.1693/ 3.1791 80.500/ 80.749	0.0000 0.00	0.0830 2.108		

Engine Index: KOMATSU

Engine-Code	Years	Cyl	CC	Line
4D95	1984-	4	3260	1
4D105		4	4330	2
6D95, S6D95L	1984-	6	4890	3
6D105-1, S6D105	1986-	6	6490	4

Engine-Code	Years	Cyl	CC	Line
6D125-1, S6D125	1984-	6	11040	5
4D155-4, S4D155	-1979	4	12840	6
6D155-4, S6D155	1971-	6	19260	7

Car Model Index: KOMATSU

Model	Engine	Years	Cyl	CC	Line

KOMATSU					KOMATSU				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
1	4D95	1984-	3260 cc	95.00 X 115.00	4 cyl				1
CR4237CP <i>SUPERSEDED BY CR4237CP</i> ACL:4B2970 GLA:B4786LC	C6743U C6743L	4 Pairs		2.4016/ 2.4025 61.001/ 61.024	2.2441/ 2.2447 57.000/ 57.015	0.9840 24.99	0.0780 1.981		
MB5265CP <i>Under Development</i> GLA:M5579LC NDC:MS-2608GP	M5265U* M5265L*	5 Pairs		0.0000/ 2.7565 0.000/ 70.015	2.9134/ 0.0000 74.000/ 0.000	0.9843 25.00	0.0775 1.969		
2	4D105		4330 cc	105.00 X 125.00	4 cyl				2
CR4238CP <i>Under Development</i> GLA:B4816LC NDC:CB-2604GP	C4238*	4 Pairs		0.0000/ 2.5960 0.000/ 65.938	2.7560/ 0.0000 70.002/ 0.000	1.3040 33.12	0.0791 2.009		

CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

KOMATSU				KOMATSU			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
MB5266AM <i>Under Development</i> GLA:M5606SA	M5266U M5266L	5 Pairs		0.0000/ 3.3445 0.000/ 84.950	3.5827/ 0.0000 91.001/ 0.000	1.1862 30.13	0.1181 3.000
3	6D95, S6D95L	1984-	4890 cc	95.00 X 115.00	6 cyl		3
CR6743CP <i>SUPERSEDED BY CR6743CP</i> GLA:B6651LC NDC:CB-2607GP	C6743U C6743L	6 Pairs		2.4016/ 2.4025 61.001/ 61.024	2.2441/ 2.2447 57.000/ 57.015	0.9840 24.99	0.0780 1.981
MB7072CP ^{STD/.25/.5/.75} <i>Under Development</i> GLA:M7480LC NDC:MS-2607GP VAN:VPM92706LC	M5265U M5265L	7 Pairs		0.0000/ 2.7565 0.000/ 70.015	2.9134/ 0.0000 74.000/ 0.000	0.9843 25.00	0.0776 1.971
4	6D105-1, S6D105	1986-	6490 cc	105.00 X 125.00	6 cyl		4
CR6744CP ^{STD/.25} <i>Under Development</i> GLA:B6579SA NDC:CB-2610GP VAN:VPR92708LC	C4238U C4238L	6 Pairs		0.0000/ 2.5965 0.000/ 65.951	2.7559/ 0.0000 70.000/ 0.000	1.3043 33.13	0.0791 2.009
MB7073CP ^{STD/.25/.5} <i>Under Development</i> GLA:M7411AM NDC:MS-2601GP VAN:VPM92711A	M5266U M5266L	7 Pairs		0.0000/ 3.3445 0.000/ 84.950	3.5827/ 0.0000 91.001/ 0.000	1.1862 30.13	0.1182 3.002
5	6D125-1, S6D125	1984-	11040 cc	125.00 X 150.00	6 cyl		5
CR6745CP <i>Under Development</i> GLA:B6668LC NDC:CB-2612GP	C6745*	6 Pairs		0.0000/ 3.1476 0.000/ 79.949	3.3465/ 0.0000 85.001/ 0.000	1.5800 40.13	0.0986 2.504
MB7074CP <i>Under Development</i> GLA:M7490LC NDC:MS-2612GP	M7074U* M7074L*	7 Pairs		0.0000/ 4.3287 0.000/109.949	0.0000/ 4.5678 0.000/116.022	1.3388 34.01	0.1179 2.995
6	4D155-4, S4D155	-1979	12840 cc	155.00 X 170.00	4 cyl		6
CR4239CP <i>Under Development</i> CLE:CB-1618P (4) GLA:B4649LC NDC:CB-1132GP VAN:VPR92713LC	C4239*	4 Pairs		0.0000/ 4.0138 0.000/101.951	4.2913/ 0.0000 108.999/ 0.000	2.4067 61.13	0.1374 3.490
MB5267CP <i>Under Development</i> CLE:MS-2055P GLA:M5427LC NDC:MS-1132GP VAN:VPM92716LC	M5267/1U M5267/1L	4 Pairs	1,2,4,5	0.0000/ 4.9193 0.000/124.950	5.1969/ 0.0000 132.001/ 0.000	1.8949 48.13	0.1370 3.480
	M5267/3U M5267/3L	1 Pair	3	0.0000/ 4.9193 0.000/124.950	5.1969/ 0.0000 132.001/ 0.000	2.9185 74.13	0.1370 3.480
7	6D155-4, S6D155	1971-	19260 cc	155.00 X 170.00	6 cyl		7
CR6746CP <i>Under Development</i> CLE:CB-1618P (6) GLA:B6577LC NDC:CB-1127GP VAN:VPR92714LC	C4239*	6 Pairs		0.0000/ 4.0138 0.000/101.951	4.2913/ 0.0000 108.999/ 0.000	2.4067 61.13	0.1374 3.490
MB7075CP <i>Under Development</i> CLE:MS-2001P GLA:M7412LC NDC:MS-1127GP VAN:VPM92715LC	M5267/1U* M5267/1L*	5 Pairs	1,2,4,6,7	0.0000/ 4.9193 0.000/124.950	5.1969/ 0.0000 132.001/ 0.000	1.8949 48.13	0.1370 3.480
	M5267/3U* M5267/3L*	2 Pairs	3,5	0.0000/ 4.9193 0.000/124.950	5.1969/ 0.0000 132.001/ 0.000	2.9185 74.13	0.1370 3.480

Engine Index: LADA

Engine-Code	Years	Cyl	CC	Line
1200 O.H.C		4	1198	2
VAZ 2108		4	1288	1
1300 O.H.C		4	1294	2
1500 O.H.C		4	1452	2

Engine-Code	Years	Cyl	CC	Line
1499		4	1499	1
1600 O.H.C		4	1568	2

Car Model Index: LADA

Model	Engine	Years	Cyl	CC	Line
2101/1200,LE,SE,SE21	1200 O.H.C		4	1198	2
21011/1300 Saloon	1300 O.H.C	1974-	4	1294	2
2103/1500 Saloon,	1500 O.H.C	1972-	4	1452	2
21051/Niva 1200,L.	1200 O.H.C	1982-	4	1198	2
21053/Niva 1500	1500 O.H.C	1982-	4	1452	2
21057/Niva 1500GLS	1500 O.H.C	1982-	4	1452	2
2106/1600 Saloon,ES	1600 O.H.C	1974-	4	1568	2

Model	Engine	Years	Cyl	CC	Line
2106/Niva 1600	1600 O.H.C	1974-	4	1568	2
Niva 1600	1600 O.H.C	1974-	4	1568	2
Nova 1300,VAZ 21011	1300 O.H.C	1974-	4	1294	2
Samara	VAZ 2108	1987-	4	1288	1
Samara 1500sl,slx	1499	1988-	4	1499	1

LADA				LADA			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	VAZ 2108		1288 cc	76.00 X 71.00	4 cyl	Samara 1300L,SL,SLX,Select	1
	1499		1499 cc	82.00 X 71.00	4 cyl	Samara 1500sl,slx	
TW 105AM_{STD} <i>Without inside lugs.</i> CLE:TW- 177S FMO:60987AF GLA:W2164SA GLY:A197/2 VAN:VPW21	W 105	1 Pair		2.2280/ 2.2380 56.591/ 56.845	2.7400/ 2.7500 69.596/ 69.850	0.0000 0.00	0.0920 2.337
TW1009AM_{STD} <i>With inside lugs.</i> FMO:60987AFA GLY:A198/2	W1009	1 Pair		2.2287/ 2.2387 56.609/ 56.863	2.7400/ 2.7500 69.596/ 69.850	0.0000 0.00	0.0930 2.362
2	1200 O.H.C		1198 cc	76.00 X 66.00	4 cyl	2101/1200,LE,SE,SE21022/ 21051/Niva 1200,L.	2
	1300 O.H.C		1294 cc	78.99 X 66.01	4 cyl	21011/1300 Saloon, Nova 1300,VAZ 21011	
	1500 O.H.C		1452 cc	76.00 X 80.02	4 cyl	2103/1500 Saloon, 21026/1500, 21053/Niva 1500 Saloon,GLS, 21057/Niva 1500GLS Estate	
	1600 O.H.C		1568 cc	78.99 X 77.99	4 cyl	2106/1600 Saloon,ES, 2106/Niva 1600, Niva 1600	
CR4007AM_{STD} /25/.5/.75/1.0/1.25/1.5 FMO:4-66415RA GLA:B4524SA GLY:01-4180/4	C4007	4 Pairs		1.8824/ 1.8832 47.813/ 47.833	2.0209/ 2.0215 51.331/ 51.346	0.8150 20.70	0.0681 1.730
MB5546AM_{STD} /010/020/030/040/050/060 FMO:6481M GLA:M5301SA GLY:H1045/5 VAN:VPM91771A	M5546/1	4 Pairs	1-2-4-5	1.9990/ 1.9998 50.775/ 50.795	2.1459/ 2.1465 54.506/ 54.521	0.8370 21.26	0.0721 1.831
	M5549/3	1 Pair	3	1.9990/ 1.9998 50.775/ 50.795	2.1459/ 2.1465 54.506/ 54.521	0.8960 22.76	0.0721 1.831
TW 105AM_{STD} <i>Without inside lugs.</i> CLE:TW- 177S FMO:60987AF GLA:W2164SA GLY:A197/2 VAN:VPW21	W 105	1 Pair		2.2280/ 2.2380 56.591/ 56.845	2.7400/ 2.7500 69.596/ 69.850	0.0000 0.00	0.0920 2.337
TW1009AM_{STD} <i>With inside lugs.</i> FMO:60987AFA GLY:A198/2	W1009	1 Pair		2.2287/ 2.2387 56.609/ 56.863	2.7400/ 2.7500 69.596/ 69.850	0.0000 0.00	0.0930 2.362

Engine Index: LANCIA

Engine-Code	Years	Cyl	CC	Line
828BC/BF/BS/CB		4	585	7
	1963-70	4	1091	4
	1965-69	4	1216	4
	1969-70	4	1231	4
M733AT.12.Z		4	1248	1
188A9.000 Diesel	06/2004-	4	1251	2
199A2.000 Diesel Common Rail	2006-	4	1251	2
223A9.000 Diesel Common Rail	2006-	4	1251	2
828 ac.3/BB3 1297/1301 cc		4	1297	3
	1967-	4	1298	4
831AB.0/831A2.0		4	1301	5
828 BC.3/CB.3		4	1367	7
828.A.B2.000		4	1438	5
831 AB1/A1.000		4	1498	6
828 DB.0/3		4	1585	7
831A7/A4.000		4	1585	7
132AB.0A.0		4	1585	11
835 BA 54A Fuel Injection		4	1585	8
831A 4.000		4	1585	9
831 AB 020 Turbocharged		4	1585	10
132A.B.000		4	1592	11
828 AB/AC/AF/AS		4	1598	11
132A.C1.000		4	1756	11

Engine-Code	Years	Cyl	CC	Line
828 AB.AC.AF.AS		4	1756	11
937A5.000		4	1910	12
188A2.000		4	1910	13
AR32302		4	1910	13
AR37101		4	1910	13
831D.000 Diesel		4	1929	16
831D1.000D Diesel		4	1929	14
835 AM Diesel Turbocharged		4	1929	15
132DB.2A/828BC		4	1995	16
828 DB1/3		4	1995	16
834B.000 Fuel Injection		4	1995	17
834C.000 Fuel Injection,		4	1995	18
834C1/B2.200 16V Turbo & Non		4	1995	19
XUD11BTE Diesel		4	2088	20
841G.000		5	2387	21
841M.000		5	2387	21
AR34202		5	2387	21
185A2.000		5	2387	22
AR32501		5	2387	22
8144.91 Turbocharged		4	2445	23
834E.000		6	2848	24
834 F.000 V6 i.e.	08/92-	6	2959	25
838 B.000 V6	08/94-	6	2959	25

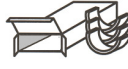




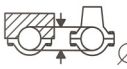


Car Model Index: LANCIA

Model	Engine	Years	Cyl	CC	Line
Beta 1300 1297cc	828 ac.3/BB3	1974-77	4	1297	3
Beta 1300 1301cc	828 ac.3/BB3	1978-80	4	1297	3
Beta 1300 1367 Cc	828 BC.3/CB.3	1981-	4	1367	7
Beta 1400	828.A.B2.000	1972-75	4	1438	5
Beta 1600	828BC/BF/BS/CB	1975-	4	585	7
Beta 1600	828 AB/AC/AF/AS	1972-75	4	1598	11
Beta 1800	828 AB.AC.AF.AS	1972-75	4	1756	11
Beta 2000	132DB.2A/828BC	1976-	4	1995	16
Beta Coupe 1600	132AB.0A.0	1972-82	4	1585	11
Beta Coupe 1600	132A.B.000	1972-	4	1592	11
Beta, Coupe 1800	132A.C1.000	1972-75	4	1756	11
DELTA 1.9 MJT 16V	937A5.000	2008-	4	1910	12
Dedra 1.6 ie	835 BA 54A Fuel	1990-	4	1585	8
Dedra 2.0 ie	834B.000 Fuel	1990-	4	1995	17
Dedra Turbo	835 AM Diesel	1989-	4	1929	15
Delta 100 HF	831A7/A4.000	1983-86	4	1585	7
Delta 1300	831AB.0/831A2.0	1979-	4	1301	5
Delta 1500	831 AB1/A1.000	1979-	4	1498	6
Delta 1600 Turbo Sport	831A 4.000	1986-	4	1585	9
Delta 1600 ie GT	831A 4.000	1986-	4	1585	9
Delta 2000 ie Turbo	834C.000 Fuel	1987-	4	1995	18
Delta FL83 1600	831A7/A4.000		4	1585	7
Delta HF Turbo	831 AB 020	1986-	4	1585	10
Delta Turbo	831D1.000D Diesel	1986-	4	1929	14
Fulvia			4	1091	4
Fulvia			4	1216	4
Fulvia			4	1231	4
Fulvia			4	1298	4
K 2.4 JTD	185A2.000	1994-	5	2387	22
K 2.4 JTD	AR32501	06.1998-	5	2387	22
Kappa, Coupe, SW 3.0	838 B.000 V6	08/94-	6	2959	25
LYBRA 1.9 JTD 8V	188A2.000	09.1999-	4	1910	13

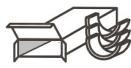




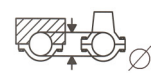


Model	Engine	Years	Cyl	CC	Line
LYBRA 1.9 JTD 8V	AR32302	09.1999-	4	1910	13
LYBRA 1.9 JTD 8V	AR37101	2003-	4	1910	13
LYBRA 2.4 JTD	AR32501	09.1999-	5	2387	22
LYBRA 2.4 JTD 20V	841G.000	01.2004	5	2387	21
LYBRA 2.4 JTD 20V	AR34202	11.2000-	5	2387	21
MUSA 1.9 JTD 8V	188A2.000	2004-	4	1910	13
Montecarlo 2000	828 DB1/3	1979-	4	1995	16
Musa TD 16v Multijet	188A9.000 Diesel	06/2004-	4	1251	2
Prisma	831D.000 Diesel	1984-	4	1929	16
Prisma 1300	831AB.0/831A2.0	1982-	4	1301	5
Prisma 1500	831 AB1/A1.000	1982-	4	1498	6
Prisma 1600	831A7/A4.000	1982-	4	1585	7
Prisma 1600, 1600 ie	831A 4.000	1986-	4	1585	9
Prisma 4WD 115 HP	834B.000 Fuel	1986-	4	1995	17
Prisma Turbo	831D1.000D Diesel	1985-	4	1929	14
Scorpion (USA Version)	828 DB1/3	1979-	4	1995	16
THESIS 2.4 JTD 20V	841M.000	01.2004-	5	2387	21
THESIS 2.4 JTD 20V	AR34202	06.2002-	5	2387	21
THESIS 2.4 JTD 20V	841M.000	2007-	5	2387	21
Telta 1600 Sport	831A 4.000	1986-	4	1585	9
Thema 2.0ie 16V	834C1/B2.200 16V	1989-	4	1995	19
Thema 2.0ie Turbo 16V	834C1/B2.200 16V	1988-	4	1995	19
Thema 2000 ie	834B.000 Fuel	1984-	4	1995	17
Thema 2000 ie Turbo	834C.000 Fuel	1984-	4	1995	18
Thema 2800 6V	834E.000	1984-	6	2848	24
Thema 3000 V6, Thema	834 F.000 V6 i.e.	08/92-	6	2959	25
Thema Turbo Diesel	8144.91	1984-	4	2445	23
Trevi 1600	828 DB.0/3	1979-	4	1585	7
Trevi 2000, 2000 ie	828 DB1/3	1979-	4	1995	16
YPSILON 1.3 MJ 16V	M733AT.12.Z	08.2004--	4	1248	1
Ypsilon MJTD 16v	199A2.000 Diesel		4	1251	2
Ypsilon MJTD 16v	223A9.000 Diesel		4	1251	2

Model	Engine	Years	Cyl	CC	Line
Ypsilon TD 16v Multijet	188A9.000 Diesel	06/2003-	4	1251	2
Zeta	XUD11BTE Diesel		4	2088	20

Model	Engine	Years	Cyl	CC	Line

LANCIA						LANCIA									
															
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness								
1	M733AT.12.Z			1248 cc	69.60 X 82.00	4 cyl	YPSILON 1.3 MJ 16V								1
CR4364CP OEM: 71732995 VAN: VPR04524LA		C4377U	4 Pairs		1.6765/ 1.6772 42.583/ 42.601	1.8006/ 1.8009 45.735/ 45.743	0.7874 20.00	0.0614 1.560							
MB5406SI OEM: 71732990 VAN: VPM05055A		M5414U M5414L	5 Pairs	1,2,4,5	2.0072/ 2.0079 50.983/ 51.001	2.1539/ 2.1544 54.709/ 54.722	0.7480 19.00	0.0726 1.844							
TW 197AM_{STD} <i>Under Development</i> VAN: VPW01066A		W 197	1 Pair		2.2362/ 2.2441 56.799/ 57.000	2.8256/ 2.8354 71.770/ 72.019	0.0000 0.00	0.0929 2.360							
2	188A9.000 Diesel	06/2004-		1251 cc	69.60 X 82.00	4 cyl	Musa TD 16v Multijet, Ypsilon TD 16v Multijet								2
	199A2.000 Diesel Common Rail	2006-		1251 cc	69.60 X 82.00	4 cyl	Ypsilon MJTD 16v								
	223A9.000 Diesel Common Rail	2006-		1251 cc	69.60 X 82.00	4 cyl	Ypsilon MJTD 16v								
CR4377CA_{STD} 010/020/030/040 GLY: 71-4033/4		C4377U C4377L	4 Pairs		1.6764/ 1.6772 42.581/ 42.601	1.8005/ 1.8009 45.733/ 45.743	0.7870 19.99	0.0610 1.549							
MB5414SI_{STD} GLY: H1011/5		M5414U M5414L	4 Pairs	1,2,4,5	2.0072/ 2.0079 50.983/ 51.001	2.1539/ 2.1544 54.709/ 54.722	0.7480 19.00	0.0726 1.844							
		F5414 M5414U	1 Pair	3	2.0072/ 2.0079 50.983/ 51.001	2.1539/ 2.1544 54.709/ 54.722	0.9430 23.95	0.0726 1.844							
3	828 ac.3/BB3 1297/1301 cc			1297 cc	76.10 X 71.50	4 cyl	Beta 1300 1297cc, Beta 1300 1301cc								3
CR4232AM_{STD} 010/020/030/040 <i>All 8 halves have three 2.0 mm oil holes: - two symmetrical holes at 16 degrees from the center line (or crown) - one hole at 40 degrees from the center line.</i> CLE: CB-1294AL (4) FMO: 4-66315RA GLA: B4729SA GLY: 01-4176/4 VAN: VPR92190A		C4232	4 Pairs		1.8986/ 1.8994 48.224/ 48.245	2.0209/ 2.0215 51.331/ 51.346	0.7677 19.50	0.0603 1.532							
MB 562AM_{STD} 010/020/030/040/050/060 -1542400 ACL: 5M2826 CLE: MS-1145AL FMO: 6445M GLA: M5334SA VAN: VPM91662A		M 562/1	4 Pairs	1-3-4-5	2.0860/ 2.0868 52.984/ 53.005	2.2329/ 2.2338 56.716/ 56.739	0.8170 20.75	0.0722 1.834							
		M 562/3	1 Pair	2	2.0860/ 2.0868 52.984/ 53.005	2.2329/ 2.2338 56.716/ 56.739	0.9550 24.26	0.0722 1.834							
PB 201CP_{STD} <i>Under Development</i> GLA: S4635L GLY: 62039Y VAN: VPS96331		B 201	2 Bushes		0.8480/ 0.8520 21.539/ 21.641	0.9425/ 0.9438 23.940/ 23.973	0.9882 25.10	0.0476 1.209							
TW 113AM_{STD} 05 SUPERSEDED BY TW 113AM CLE: TW- 236S FMO: 62037AF GLA: W2248SA GLY: A201/2 OEM: 1901074 VAN: VPM95036		W 113	1 Pair		2.3228/ 2.3327 58.999/ 59.251	2.8976/ 2.9075 73.599/ 73.851	0.0000 0.00	0.0930 2.362							
4				1963-70	1091 cc	72.00 X 67.00	4 cyl	Fulvia							4
				1965-69	1216 cc	76.00 X 67.00	4 cyl	Fulvia							
				1969-70	1231 cc	75.00 X 69.70	4 cyl	Fulvia							
				1967-	1298 cc	77.00 X 69.70	4 cyl	Fulvia							
CR4223CP FMO: 4-60110RA		C4223	4 Pairs		1.9689/ 1.9693 50.010/ 50.020	2.1140/ 2.1145 53.696/ 53.708	0.7080 17.98	0.0720 1.829							
MB3349CP GLA: M3346SA GLY: 4334M VAN: VPM91083		M3349/1	1 Pair		2.1657/ 2.1662 55.009/ 55.021	2.3103/ 2.3109 58.682/ 58.697	0.9450 24.00	0.0720 1.829							
		M3349/2	1 Pair		2.1657/ 2.1662 55.009/ 55.021	2.3103/ 2.3109 58.682/ 58.697	0.7680 19.51	0.0720 1.829							

LANCIA				LANCIA			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
	M3349/3	1 Pair		2.1657/ 2.1662 55.009/ 55.021	2.3103/ 2.3109 58.682/ 58.697	0.1420 3.61	0.0720 1.829
5	831AB.0/831A2.0		1301 cc	76.10 X 76.50	4 cyl	Delta 1300, Prisma 1300	5
	828.A.B2.000		1438 cc	80.00 X 71.50	4 cyl	Beta 1400	
CR4099AM STD/005/010/020/030/040/050/060 With three 2.0 mm oil holes: - two symmetrical holes at 16 degrees from the center line (or crown) - one center hole ACL:4B1441 CLE:CB-1332AL (4) FMO:4-60985RA GLA:B4600SA GLY:01-4127/4 VAN:VPR92187A	C4099	4 Pairs		1.7916/ 1.7924 45.507/ 45.527	1.9145/ 1.9152 48.628/ 48.646	0.7560 19.20	0.0607 1.542
MB5549AM STD/010/020/030/040/050/060 ACL:5M1442 CLE:MS-1476AL FMO:6565M GLA:M5387SA GLY:H1028/5 VAN:VPM91931A	M5549/1	4 Pairs	1-2-4-5	1.9990/ 1.9998 50.775/ 50.795	2.1459/ 2.1465 54.506/ 54.521	0.7970 20.24	0.0724 1.839
	M5549/3	1 Pair	3	1.9990/ 1.9998 50.775/ 50.795	2.1459/ 2.1465 54.506/ 54.521	0.8960 22.76	0.0724 1.839
PB 201CP STD Under Development GLA:S4635L GLY:62039Y VAN:VPS96331	B 201	2 Bushes		0.8480/ 0.8520 21.539/ 21.641	0.9425/ 0.9438 23.940/ 23.973	0.9882 25.10	0.0476 1.209
TW 105AM STD Without inside lugs. CLE:TW- 177S FMO:60987AF GLA:W2164SA GLY:A197/2 VAN:VPW21	W 105	1 Pair		2.2280/ 2.2380 56.591/ 56.845	2.7400/ 2.7500 69.596/ 69.850	0.0000 0.00	0.0920 2.337
TW1009AM STD With inside lugs. FMO:60987AFA GLY:A198/2	W1009	1 Pair		2.2287/ 2.2387 56.609/ 56.863	2.7400/ 2.7500 69.596/ 69.850	0.0000 0.00	0.0930 2.362
6	831 AB1/A1.000		1498 cc	86.40 X 63.90	4 cyl	Delta 1500, Prisma 1500	6
CR4099AM STD/005/010/020/030/040/050/060 With three 2.0 mm oil holes: - two symmetrical holes at 16 degrees from the center line (or crown) - one center hole ACL:4B1441 CLE:CB-1332AL (4) FMO:4-60985RA GLA:B4600SA GLY:01-4127/4 VAN:VPR92187A	C4099	4 Pairs		1.7916/ 1.7924 45.507/ 45.527	1.9145/ 1.9152 48.628/ 48.646	0.7560 19.20	0.0607 1.542
MB5549AM STD/010/020/030/040/050/060 ACL:5M1442 CLE:MS-1476AL FMO:6565M GLA:M5387SA GLY:H1028/5 VAN:VPM91931A	M5549/1	4 Pairs	1-2-4-5	1.9990/ 1.9998 50.775/ 50.795	2.1459/ 2.1465 54.506/ 54.521	0.7970 20.24	0.0724 1.839
	M5549/3	1 Pair	3	1.9990/ 1.9998 50.775/ 50.795	2.1459/ 2.1465 54.506/ 54.521	0.8960 22.76	0.0724 1.839
PB 201CP STD Under Development GLA:S4635L GLY:62039Y VAN:VPS96331	B 201	2 Bushes		0.8480/ 0.8520 21.539/ 21.641	0.9425/ 0.9438 23.940/ 23.973	0.9882 25.10	0.0476 1.209
TW 105AM STD Without inside lugs. CLE:TW- 177S FMO:60987AF GLA:W2164SA GLY:A197/2 VAN:VPW21	W 105	1 Pair		2.2280/ 2.2380 56.591/ 56.845	2.7400/ 2.7500 69.596/ 69.850	0.0000 0.00	0.0920 2.337
TW1009AM STD With inside lugs. FMO:60987AFA GLY:A198/2	W1009	1 Pair		2.2287/ 2.2387 56.609/ 56.863	2.7400/ 2.7500 69.596/ 69.850	0.0000 0.00	0.0930 2.362
7	828BC/BF/BS/CB		585 cc	84.00 X 71.50	4 cyl	Beta 1600	7
	828 BC.3/CB.3		1367 cc	78.00 X 71.50	4 cyl	Beta 1300 1367 Cc	
	828 DB.0/3		1585 cc	84.00 X 71.50	4 cyl	Trevi 1600	
	831A7/A4.000		1585 cc	84.00 X 71.50	4 cyl	Delta 100 HF, Delta FL83 1600, Prisma 1600	
CR4232AM STD/010/020/030/040 All 8 halves have three 2.0 mm oil holes: - two symmetrical holes at 16 degrees from the	C4232	4 Pairs		1.8986/ 1.8994 48.224/ 48.245	2.0209/ 2.0215 51.331/ 51.346	0.7677 19.50	0.0603 1.532

LANCIA				LANCIA				
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
center line (or crown) - one hole at 40 degrees from the center line . CLE:CB-1294AL (4) FMO:4-66315RA GLA:B4729SA GLY:01-4176/4 VAN:VPR92190A								
MB 562AM STD/010/020/030/040/050/060 1981-85 -1542400 ACL:SM2826 CLE:MS-1145AL FMO:6445M GLA:M5334SA VAN:VPM91662A	M 562/1	4 Pairs	1-3-4-5	2.0860/ 2.0868 52.984/ 53.005	2.2329/ 2.2338 56.716/ 56.739	0.8170 20.75	0.0722 1.834	
	M 562/3	1 Pair	2	2.0860/ 2.0868 52.984/ 53.005	2.2329/ 2.2338 56.716/ 56.739	0.9550 24.26	0.0722 1.834	
MB5041AM IS IDENTICAL TO MB 562AM 1985- 1542401- GLA:M5515SA GLY:H1043/5 OEM:1901073 VAN:VPM92191A	M 562/1	4 Pairs	1-2-4-5	2.0860/ 2.0868 52.984/ 53.005	2.2329/ 2.2335 56.716/ 56.731	0.8169 20.75	0.0725 1.842	
	M 562/3	1 Pair	3	2.0860/ 2.0868 52.984/ 53.005	2.2329/ 2.2335 56.716/ 56.731	0.9547 24.25	0.0725 1.842	
PB 201CP STD Under Development GLA:S4635L GLY:62039Y VAN:VPS96331	B 201	2 Bushes		0.8480/ 0.8520 21.539/ 21.641	0.9425/ 0.9438 23.940/ 23.973	0.9882 25.10	0.0476 1.209	
TW 113AM STD/05 SUPERSEDED BY TW 113AM CLE:TW- 236S FMO:62037AF GLA:W2248SA GLY:A201/2 OEM:1901074 VAN:VPW95036	W 113	1 Pair		2.3228/ 2.3327 58.999/ 59.251	2.8976/ 2.9075 73.599/ 73.851	0.0000 0.00	0.0930 2.362	
8	835 BA 54A Fuel Injection		1585 cc	84.00 X 71.50	4 cyl	Dedra 1.6 ie	8	
CR4099AM STD/005/010/020/030/040/050/060 With three 2.0 mm oil holes: - two symmetrical holes at 16 degrees from the center line (or crown) - one center hole ACL:4B1441 CLE:CB-1332AL (4) FMO:4-60985RA GLA:B4600SA GLY:01-4127/4 VAN:VPR92187A	C4099	4 Pairs		1.7916/ 1.7924 45.507/ 45.527	1.9145/ 1.9152 48.628/ 48.646	0.7560 19.20	0.0607 1.542	
MB5549AM STD/010/020/030/040/050/060 ACL:5M1442 CLE:MS-1476AL FMO:6565M GLA:M5387SA GLY:H1028/5 VAN:VPM91931A	M5549/1	4 Pairs	1-2-4-5	1.9990/ 1.9998 50.775/ 50.795	2.1459/ 2.1465 54.506/ 54.521	0.7970 20.24	0.0724 1.839	
	M5549/3	1 Pair	3	1.9990/ 1.9998 50.775/ 50.795	2.1459/ 2.1465 54.506/ 54.521	0.8960 22.76	0.0724 1.839	
PB 201CP STD Under Development GLA:S4635L GLY:62039Y VAN:VPS96331	B 201	2 Bushes		0.8480/ 0.8520 21.539/ 21.641	0.9425/ 0.9438 23.940/ 23.973	0.9882 25.10	0.0476 1.209	
TW 105AM STD Without inside lugs. CLE:TW- 177S FMO:60987AF GLA:W2164SA GLY:A197/2 VAN:VPW21	W 105	1 Pair		2.2280/ 2.2380 56.591/ 56.845	2.7400/ 2.7500 69.596/ 69.850	0.0000 0.00	0.0920 2.337	
TW1009AM STD With inside lugs. FMO:60987AFA GLY:A198/2	W1009	1 Pair		2.2287/ 2.2387 56.609/ 56.863	2.7400/ 2.7500 69.596/ 69.850	0.0000 0.00	0.0930 2.362	
9	831A 4.000		1585 cc	84.00 X 71.50	4 cyl	Delta 1600 Turbo Sport, Delta 1600 ie GT, Prisma 1600, 1600 ie, Telta 1600 Sport	9	
CR4232AM STD/010/020/030/040 All 8 halves have three 2.0 mm oil holes: - two symmetrical holes at 16 degrees from the center line (or crown) - one hole at 40 degrees from the center line . CLE:CB-1294AL (4) FMO:4-66315RA GLA:B4729SA GLY:01-4176/4 VAN:VPR92190A	C4232	4 Pairs		1.8986/ 1.8994 48.224/ 48.245	2.0209/ 2.0215 51.331/ 51.346	0.7677 19.50	0.0603 1.532	
MB5041AM IS IDENTICAL TO MB 562AM GLA:M5515SA GLY:H1043/5 OEM:1901073 VAN:VPM92191A	M 562/1	4 Pairs	1-2-4-5	2.0860/ 2.0868 52.984/ 53.005	2.2329/ 2.2335 56.716/ 56.731	0.8169 20.75	0.0725 1.842	
	M 562/3	1 Pair	3	2.0860/ 2.0868 52.984/ 53.005	2.2329/ 2.2335 56.716/ 56.731	0.9547 24.25	0.0725 1.842	

LANCIA					LANCIA			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
PB 201CP^{STD} <i>Under Development</i> GLA:S4635L GLY:62039Y VAN:VPS96331	B 201	2 Bushes		0.8480/ 0.8520 21.539/ 21.641	0.9425/ 0.9438 23.940/ 23.973	0.9882 25.10	0.0476 1.209	
TW 113AM^{STD/.05} <i>SUPERSEDED BY TW 113AM</i> CLE:TW- 236S FMO:62037AF GLA:W2248SA GLY:A201/2 OEM:1901074 VAN:VPW95036	W 113	1 Pair		2.3228/ 2.3327 58.999/ 59.251	2.8976/ 2.9075 73.599/ 73.851	0.0000 0.00	0.0930 2.362	
10	831 AB 020 Turbocharged			1585 cc 84.00 X 71.50 4 cyl	Delta HF Turbo		10	
MB5037AM^{STD/010/020/030/040} CLE:MS-1556AL GLA:M5516SA GLY:6691M OEM:5882398 VAN:VPM92189A	M5037/1	4 Pairs	1,2,4,5	2.0862/ 2.0870 52.989/ 53.010	2.2330/ 2.2335 56.718/ 56.731	0.8169 20.75	0.0724 1.839	
	M5037/3	1 Pair	3	2.0862/ 2.0870 52.989/ 53.010	2.2330/ 2.2335 56.718/ 56.731	0.9547 24.25	0.0724 1.839	
TW 113AM^{STD/.05} <i>SUPERSEDED BY TW 113AM</i> CLE:TW- 236S FMO:62037AF GLA:W2248SA GLY:A201/2 OEM:1901074 VAN:VPW95036	W 113	1 Pair		2.3228/ 2.3327 58.999/ 59.251	2.8976/ 2.9075 73.599/ 73.851	0.0000 0.00	0.0930 2.362	
11	132AB.0A.0			1585 cc 84.00 X 71.50 4 cyl	Beta Coupe 1600		11	
	132A.B.000			1592 cc 80.00 X 79.20 4 cyl	Beta Coupe 1600			
	828 AB/AC/AF/AS			1598 cc 80.00 X 79.50 4 cyl	Beta 1600			
	132A.C1.000			1756 cc 84.00 X 79.20 4 cyl	Beta, Coupe 1800			
	828 AB.AC.AF.AS			1756 cc 84.00 X 79.20 4 cyl	Beta 1800			
CR4453AM^{STD/010/020/030/040} <i>1972-74</i> ACL:4B2824 CLE:CB-1009AL (4) FMO:4-62035RA GLA:B4566SA VAN:VPR91522A	C4453	4 Pairs		1.9993/ 2.0000 50.782/ 50.800	2.1219/ 2.1225 53.896/ 53.912	0.7670 19.48	0.0602 1.529	
CR4488AM^{STD/010/020/030/040/050} <i>1974-</i> ACL:4B2825 CLE:CB-1138AL (4) FMO:4-66240RA GLA:B4906SA GLY:01-4175/4 VAN:VPR91661A	C4488	4 Pairs		1.9990/ 2.0000 50.775/ 50.800	2.1219/ 2.1225 53.896/ 53.912	0.7670 19.48	0.0602 1.529	
MB 562AM^{STD/010/020/030/040/050/060} ACL:5M2826 CLE:MS-1145AL FMO:6445M GLA:M5334SA VAN:VPM91662A	M 562/1	4 Pairs	1-3-4-5	2.0860/ 2.0868 52.984/ 53.005	2.2329/ 2.2338 56.716/ 56.739	0.8170 20.75	0.0722 1.834	
	M 562/3	1 Pair	2	2.0860/ 2.0868 52.984/ 53.005	2.2329/ 2.2338 56.716/ 56.739	0.9550 24.26	0.0722 1.834	
PB 201CP^{STD} <i>Under Development</i> GLA:S4635L GLY:62039Y VAN:VPS96331	B 201	2 Bushes		0.8480/ 0.8520 21.539/ 21.641	0.9425/ 0.9438 23.940/ 23.973	0.9882 25.10	0.0476 1.209	
TW 113AM^{STD/.05} <i>SUPERSEDED BY TW 113AM</i> CLE:TW- 236S FMO:62037AF GLA:W2248SA GLY:A201/2 OEM:1901074 VAN:VPW95036	W 113	1 Pair		2.3228/ 2.3327 58.999/ 59.251	2.8976/ 2.9075 73.599/ 73.851	0.0000 0.00	0.0930 2.362	
12	937A5.000			1910 cc 82.00 X 90.40 4 cyl	DELTA 1.9 MJT 16V		12	
	939A1.000 - Z 19 DTH -							
CR4531SX <i>STD/010/020/030/040/050/060/.25/.5/ SUPERSEDED BY CR4531SX</i> GLY:71-3994	C4171	4 Pairs	1-4	1.9995/ 2.0002 50.787/ 50.805	2.1221/ 2.1226 53.901/ 53.914	0.7677 19.50	0.0604 1.534	
MB5644CA <i>STD/010/020/030/040/.25/.5/.75/1.0 SUPERSEDED BY MB5644SI</i>	M 607 M5644	5 Pairs		2.3615/ 2.3622 59.982/ 60.000	2.5081/ 2.5086 63.706/ 63.718	0.8130 20.65	0.0726 1.844	
TW1005AM^{STD}	W1005	1 Pair		2.6687/ 2.6787 67.785/ 68.039	3.2451/ 3.2550 82.426/ 82.677	0.0000 0.00	0.0978 2.484	

LANCIA				LANCIA				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
GLY:A191/2	VAN:VPW02015A							
13	188A2.000 186A6.000 - 188A7.000 - 188A8.000 - 188B2.000 - 192A3.000 -		1910 cc	82.00 X 90.40	4 cyl	LYBRA 1.9 JTD 8V, MUSA 1.9 JTD 8V	13	
	AR32302 182B4.000 -		1910 cc	82.00 X 90.40	4 cyl	LYBRA 1.9 JTD 8V		
	AR37101 182B9.000 - 186A8.000 - 192A1.000 - 937A2.000 - Z19DTJ -		1910 cc	82.00 X 90.40	4 cyl	LYBRA 1.9 JTD 8V		
CR4531CP STD/010/020/030/040/050/060/.25/.5/ IS IDENTICAL TO CR4531SX GLY:71-4129/4 OEM:71728417 x 8 VAN:VPR04044AL	C4171	4 Pairs	1-4	1.9995/ 2.0002 50.787/ 50.805	2.1221/ 2.1226 53.901/ 53.914	0.7677 19.50	0.0604 1.534	
MB5412SI STD/010/020/030/040/.25/.5/1.0 SUPERSEDED BY MB5412SI FMO:7332M GLY:H1095/5 VAN:VPM05034A	M 607	5 Pairs		2.3615/ 2.3622 59.982/ 60.000	2.5081/ 2.5086 63.706/ 63.718	0.8130 20.65	0.0726 1.844	
TW1005AM STD GLY:A191/2 VAN:VPW02015A	W1005	1 Pair		2.6687/ 2.6787 67.785/ 68.039	3.2451/ 3.2550 82.426/ 82.677	0.0000 0.00	0.0978 2.484	
14	831D1.000D Diesel Turbocharged		1929 cc	82.60 X 90.00	4 cyl	Delta Turbo, Prisma Turbo	14	
CR4170AM STD/010/020/030/040 CLE:CB-1290AL(4) GLA:B4726SA GLY:71-4118/4 OEM:7546617 VAN:VPR91971A	C4170	4 Pairs		1.9998/ 2.0003 50.795/ 50.808	2.1220/ 2.1226 53.899/ 53.914	0.7677 19.50	0.0606 1.539	
MB5037AM STD/010/020/030/040 CLE:MS-1556AL GLA:M5516SA GLY:6691M OEM:5882398 VAN:VPM92189A	M5037/1	4 Pairs	1,2,4,5	2.0862/ 2.0870 52.989/ 53.010	2.2330/ 2.2335 56.718/ 56.731	0.8169 20.75	0.0724 1.839	
	M5037/3	1 Pair	3	2.0862/ 2.0870 52.989/ 53.010	2.2330/ 2.2335 56.718/ 56.731	0.9547 24.25	0.0724 1.839	
TW 113AM STD/.05 SUPERSEDED BY TW 113AM CLE:TW- 236S FMO:62037AF GLA:W2248SA GLY:A201/2 OEM:1901074 VAN:VPM95036	W 113	1 Pair		2.3228/ 2.3327 58.999/ 59.251	2.8976/ 2.9075 73.599/ 73.851	0.0000 0.00	0.0930 2.362	
15	835 AM Diesel Turbocharged		1929 cc	82.60 X 90.00	4 cyl	Dedra Turbo	15	
CR4170AM STD/010/020/030/040 CLE:CB-1290AL(4) GLA:B4726SA GLY:71-4118/4 OEM:7546617 VAN:VPR91971A	C4170	4 Pairs		1.9998/ 2.0003 50.795/ 50.808	2.1220/ 2.1226 53.899/ 53.914	0.7677 19.50	0.0606 1.539	
CR4171AM STD/010/020 1989- CLE:CB-1349AL(4) FMO:4-4350CP GLA:B4732SA GLY:4-4350CP OEM:7661575 VAN:VPR92825A	C4171	4 Pairs		1.9998/ 2.0003 50.795/ 50.808	2.1220/ 2.1226 53.899/ 53.914	0.7677 19.50	0.0606 1.539	
MB5037AM STD/010/020/030/040 CLE:MS-1556AL GLA:M5516SA GLY:6691M OEM:5882398 VAN:VPM92189A	M5037/1	4 Pairs	1,2,4,5	2.0862/ 2.0870 52.989/ 53.010	2.2330/ 2.2335 56.718/ 56.731	0.8169 20.75	0.0724 1.839	
	M5037/3	1 Pair	3	2.0862/ 2.0870 52.989/ 53.010	2.2330/ 2.2335 56.718/ 56.731	0.9547 24.25	0.0724 1.839	
TW 113AM STD/.05 SUPERSEDED BY TW 113AM CLE:TW- 236S FMO:62037AF GLA:W2248SA GLY:A201/2 OEM:1901074 VAN:VPM95036	W 113	1 Pair		2.3228/ 2.3327 58.999/ 59.251	2.8976/ 2.9075 73.599/ 73.851	0.0000 0.00	0.0930 2.362	

LANCIA				LANCIA			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
16	831D.000 Diesel		1929 cc	82.60 X 90.00	4 cyl	Prisma	16
	132DB.2A/828BC		1995 cc	84.00 X 90.00	4 cyl	Beta 2000	
	828 DB1/3		1995 cc	84.00 X 90.00	4 cyl	Montecarlo 2000, Scorpion (USA Version), Trevi 2000, 2000 ie	
CR4488AM STD/010/020/030/040/050 ACL:4B2825 CLE:CB-1138AL (4) FMO:4-66240RA GLA:B4906SA GLY:01-4175/4 VAN:VPR91661A	C4488	4 Pairs		1.9990/ 2.0000 50.775/ 50.800	2.1219/ 2.1225 53.896/ 53.912	0.7670 19.48	0.0602 1.529
MB 562AM STD/010/020/030/040/050/060 ACL:5M2826 CLE:MS-1145AL FMO:6445M GLA:M5334SA VAN:VPM91662A	M 562/1	4 Pairs	1-3-4-5	2.0860/ 2.0868 52.984/ 53.005	2.2329/ 2.2338 56.716/ 56.739	0.8170 20.75	0.0722 1.834
	M 562/3	1 Pair	2	2.0860/ 2.0868 52.984/ 53.005	2.2329/ 2.2338 56.716/ 56.739	0.9550 24.26	0.0722 1.834
PB 201CP STD <i>Under Development</i> GLA:S4635L GLY:62039Y VAN:VPS96331	B 201	2 Bushes		0.8480/ 0.8520 21.539/ 21.641	0.9425/ 0.9438 23.940/ 23.973	0.9882 25.10	0.0476 1.209
TW 113AM STD/.05 <i>SUPERSEDED BY TW 113AM</i> CLE:TW- 236S FMO:62037AF GLA:W2248SA GLY:A201/2 OEM:1901074 VAN:VPW95036	W 113	1 Pair		2.3228/ 2.3327 58.999/ 59.251	2.8976/ 2.9075 73.599/ 73.851	0.0000 0.00	0.0930 2.362
17	834B.000 Fuel Injection		1995 cc	84.00 X 90.00	4 cyl	Dedra 2.0 ie, Prisma 4WD 115 HP, Thema 2000 ie	17
CR4173AM STD/010/020/030 CLE:CB-1291AL (4) FMO:4-1150CP GLA:B4727SA GLY:71-4120/4 VAN:VPR92195	C4173	4 Pairs		1.9997/ 2.0002 50.792/ 50.805	2.1217/ 2.1224 53.891/ 53.909	0.7677 19.50	0.0603 1.532
MB5041AM <i>IS IDENTICAL TO MB 562AM</i> GLA:M5515SA GLY:H1043/5 OEM:1901073 VAN:VPM92191A	M 562/1	4 Pairs	1-2-4-5	2.0860/ 2.0868 52.984/ 53.005	2.2329/ 2.2335 56.716/ 56.731	0.8169 20.75	0.0725 1.842
	M 562/3	1 Pair	3	2.0860/ 2.0868 52.984/ 53.005	2.2329/ 2.2335 56.716/ 56.731	0.9547 24.25	0.0725 1.842
TW 113AM STD/.05 <i>SUPERSEDED BY TW 113AM</i> CLE:TW- 236S FMO:62037AF GLA:W2248SA GLY:A201/2 OEM:1901074 VAN:VPW95036	W 113	1 Pair		2.3228/ 2.3327 58.999/ 59.251	2.8976/ 2.9075 73.599/ 73.851	0.0000 0.00	0.0930 2.362
18	834C.000 Fuel Injection, Turbocharged		1995 cc	84.00 X 90.00	4 cyl	Delta 2000 ie Turbo Hf180HP, Thema 2000 ie Turbo	18
CR4175AM 030/040 <i>IS IDENTICAL TO CR4170AM</i> CLE:CB-1292AL (4) FMO:4-1040CP GLA:B4728SA VAN:VPR91986A							
MB5037AM STD/010/020/030/040 CLE:MS-1556AL GLA:M5516SA GLY:6691M OEM:5882398 VAN:VPM92189A	M5037/1	4 Pairs	1,2,4,5	2.0862/ 2.0870 52.989/ 53.010	2.2330/ 2.2335 56.718/ 56.731	0.8169 20.75	0.0724 1.839
	M5037/3	1 Pair	3	2.0862/ 2.0870 52.989/ 53.010	2.2330/ 2.2335 56.718/ 56.731	0.9547 24.25	0.0724 1.839
TW 113AM STD/.05 <i>SUPERSEDED BY TW 113AM</i> CLE:TW- 236S FMO:62037AF GLA:W2248SA GLY:A201/2 OEM:1901074 VAN:VPW95036	W 113	1 Pair		2.3228/ 2.3327 58.999/ 59.251	2.8976/ 2.9075 73.599/ 73.851	0.0000 0.00	0.0930 2.362
19	834C1/B2.200 16V Turbo & Non Turbo		1995 cc	84.00 X 90.00	4 cyl	Thema 2.0ie 16V, Thema 2.0ie Turbo 16V	19
CR4174AM <i>SUPERSEDED BY CR4171AM</i> CLE:CB-1421AL (4) GLA:B4734SA GLY:71-4157/4	C4171	4 Pairs		1.9998/ 2.0003 50.795/ 50.808	2.1220/ 2.1226 53.899/ 53.914	0.7677 19.50	0.0606 1.539

LANCIA					LANCIA				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
20	XUD11BTE Diesel			2088 cc	85.00 X 92.00	4 cyl	Zeta		20
CR4376CP 01/1997- VAN:VPR04047~	C4376/1 C4376/2	4 Pairs		1.9679/ 1.9685 49.985/ 50.000	2.1140/ 2.1145 53.696/ 53.708	0.8640 21.95	0.0720 1.829		
MB5129AM STD/3/.5/.8/1.0 CLE:MS-1602AL FMO:6610M GLA:M5419SA GLY:H1057/5 K.S:77 098 608 OEM:0113.92 VAN:VPM92001A	M5129U M5129L	5 Pairs		2.3614/ 2.3622 59.980/ 60.000	2.5091/ 2.5098 63.731/ 63.749	0.7630 19.38	0.0720 1.829		
TW 296AM Under Development FMO:4141AF GLA:W2376L GLY:A188/4 VAN:VPW95264	W 296D W 296E	2 Pairs		2.6398/ 2.6496 67.051/ 67.300	3.2697/ 3.2795 83.050/ 83.299	0.0000 0.00	0.0724 1.839		
21	841G.000			2387 cc	82.00 X 90.40	5 cyl	LYBRA 2.4 JTD 20V		21
	841M.000			2387 cc	82.00 X 90.40	5 cyl	THESIS 2.4 JTD 20V, THESIS 2.4 JTD 20V EURO4		
	AR34202 AR36202 - 839A6.000 - 841C.000 -			2387 cc	82.00 X 90.40	5 cyl	LYBRA 2.4 JTD 20V, THESIS 2.4 JTD 20V		
CR 526SX STD/010/020/030/040/.25/.5/.75/1.0 SUPERSEDED BY CR 526SX GLY:71-3994 OEM:7646454 (10) VAN:VPR92827A	C4171	5 Pairs	1-5	1.9995/ 2.0002 50.787/ 50.805	2.1221/ 2.1226 53.901/ 53.914	0.7677 19.50	0.0604 1.534		
MB 634CA STD/010/020/030/040/.25/.5/.75 SUPERSEDED BY MB 634SI	M 607 M5644	6 Pairs		2.3615/ 2.3622 59.982/ 60.000	2.5081/ 2.5086 63.706/ 63.718	0.8130 20.65	0.0726 1.844		
TW1005AM STD GLY:A191/2 VAN:VPW02015A	W1005	1 Pair		2.6687/ 2.6787 67.785/ 68.039	3.2451/ 3.2550 82.426/ 82.677	0.0000 0.00	0.0978 2.484		
22	185A2.000			2387 cc	82.00 X 90.40	5 cyl	K 2.4 JTD		22
	838A3.000 - 838A7.000 -								
	AR32501 185A6.000 - 838A8.000 - 839A5.000 -			2387 cc	82.00 X 90.40	5 cyl	K 2.4 JTD, LYBRA 2.4 JTD		
CR 526CP STD/010/020/030/040/.25/.5/.75/1.0 IS IDENTICAL TO CR 526SX GLY:71-3958/5	C4171	5 Pairs	1-5	1.9995/ 2.0002 50.787/ 50.805	2.1221/ 2.1226 53.901/ 53.914	0.7677 19.50	0.0604 1.534		
MB 607SI STD/010/020/030/040/050/060/.25/.5/ SUPERSEDED BY MB 607SI FMO:7253M GLY:H1095/6 OEM:7783243 VAN:VPM92831A	M 607	6 Pairs		2.3615/ 2.3622 59.982/ 60.000	2.5081/ 2.5086 63.706/ 63.718	0.8130 20.65	0.0726 1.844		
TW1005AM STD GLY:A191/2 VAN:VPW02015A	W1005	1 Pair		2.6687/ 2.6787 67.785/ 68.039	3.2451/ 3.2550 82.426/ 82.677	0.0000 0.00	0.0978 2.484		
23	8144.91 Turbocharged			2445 cc	93.00 X 90.00	4 cyl	Thema Turbo Diesel		23
CR4083CP STD/010/020/030/040 Plain halves 1982 - CLE:CB-1163P (4) FMO:4-1870CP GLA:B4122LB GLY:71-4310/4 VAN:VPR91915	C4083U C4161L	4 Pairs		2.2252/ 2.2258 56.520/ 56.535	2.3753/ 2.3758 60.333/ 60.345	0.9724 24.70	0.0743 1.887		
MB5122CP STD/010/020/030/040 CLE:MS-1451P FMO:6564M GLA:M5389LB GLY:H1049/5 K.S:77 154 600 VAN:VPM91664	M5122U M5122L F5122U F5122L	4 Pairs 1 Pair	1-2-3-4 5	2.9995/ 3.0000 76.187/ 76.200 2.9995/ 3.0000 76.187/ 76.200	3.1727/ 3.1735 80.587/ 80.607 3.1727/ 3.1735 80.587/ 80.607	0.9843 25.00 1.2578 31.95	0.0860 2.184 0.0860 2.184		

LANCIA				LANCIA				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
24	834E.000		2848 cc	91.00 X 73.00	6 cyl	Thema 2800 6V	24	
CR6708AM <i>Under Development</i> CLE:CB-1186AL(6) FMO:6-66310RA GLA:B6515SA NDC:CB-1427 ~ VAN:VPR91536A	C6708*	6 Pairs		2.0578/ 2.0585 52.268/ 52.286		2.2047/ 2.2055 55.999/ 56.020	0.6949 17.65	0.0728 1.849
MB4035AM <i>Under Development</i> CLE:MS-1394AL FMO:6443M GLA:M4251SA GLY:H1041/4 VAN:VPM91537A	M4035U* M4035L*	4 Pairs	1-4	2.7576/ 2.7583 70.043/ 70.061		2.9134/ 2.9141 74.000/ 74.018	0.9240 23.47	0.0774 1.966
25	834 F.000 V6 i.e.	08/92-07/94	2959 cc	93.00 X 72.60	6 cyl	Thema 3000 V6, Thema SW	25	
	838 B.000 V6	08/94-10/20001	2959 cc	93.00 X 72.60	6 cyl	Kappa, Coupe, SW 3.0 24V		
CR6809CP STD/010/020/030/040 GLA:B6624SA GLY:6-4080CP OEM:60513381 VAN:VPR92138A	C6809	6 Pairs		2.0465/ 2.0472 51.981/ 51.999		2.1855/ 2.1860 55.512/ 55.524	0.7520 19.10	0.0690 1.753
MB4101Sl STD/010/020/030/040 GLA:M4275SA GLY:7179M OEM:60568882 VAN:VPM92139A	M4101	4 Pairs	1-4	2.3603/ 2.3611 59.952/ 59.972		2.5062/ 2.5069 63.657/ 63.675	0.8800 22.35	0.0720 1.829

Engine Index: LAND ROVER

Engine-Code	Years	Cyl	CC	Line
18K16 DOHC		4	1796	1
M47 D20R		4	1951	2
TD4		4	1951	2
20 T2 N Turbo Diesel	97-	4	1994	3
2.0L Diesel		4	2052	4
2.3L Turbo Diesel	1987 -	4	2286	5
2.3L Diesel .	1961 -	4	2286	6
2.3L Diesel.	1980 -	4	2286	7
2.3L Eng. Turbo-Diesel	1987 -	4	2287	8
12J Diesel/Petrol	1984 -	4	2495	9
2.5 L Diesel Turbo		4	2495	10
TD5		5	2495	11

Engine-Code	Years	Cyl	CC	Line
2.6L		6	2625	12
3.4L Eng. Turbo-Diesel	1987 -	6	3430	13
3.4L Diesel / Petrol	1980 -	6	3430	14
3.4L Turbo-Diesel	1961 -	6	3430	15
3.5L		8	3528	16
3.5i V8		8	3528	16
SD1		8	3528	16
3.9L EFi V8		8	3950	16
4.0L EFi	1990's	8	4000	17
4.6L	1990's	8	4600	17

Car Model Index: LAND ROVER

Model	Engine	Years	Cyl	CC	Line
109' 110' Forward	2.6L	1966-71	6	2625	12
110	SD1	1983-	8	3528	16
110	2.5 L Diesel Turbo	1987-	4	2495	10
2 Liter Series II 88',109'	2.0L Diesel	1957-61	4	2052	4
2.6 Liter Series II,109'	2.6L	1966-71	6	2625	12
2.6 Liter Series III,109'	2.6L	1971-81	6	2625	12
90	SD1	1983-	8	3528	16
90	2.5 L Diesel Turbo	1987-	4	2495	10
Country Series 80-P4,	2.3L Diesel.	1980 -	4	2286	7
Defender 110 / 130 / 90	TD5	1999-	5	2495	11
Defender 110 TDI,	12J Diesel/Petrol		4	2495	9
Discovery	12J Diesel/Petrol		4	2495	9

Model	Engine	Years	Cyl	CC	Line
Discovery	TD5	2.5 TD	5	2495	11
Discovery 2.5 TD	TD5	1998-	5	2495	11
Freelander 2.0 TD4 16V	TD4	04/99-	4	1951	2
Land Rover Freelander	20 T2 N Turbo		4	1994	3
Landrover Discovery	3.5i V8	1989-	8	3528	16
MK IV-P4 Series III	2.3L Diesel .		4	2286	6
MT 210 Van	12J Diesel/Petrol		4	2495	9
Range Rover	3.5L	1970-77	8	3528	16
Range Rover	SD1	1977-	8	3528	16
Range Rover	SD1	1981-	8	3528	16
Range Rover	4.0L EFi		8	4000	17
Range Rover	4.6L		8	4600	17

Model	Engine	Years	Cyl	CC	Line
Range Rover Vogue	3.9L EFi V8	1992-	8	3950	16
Range Rover	3.5i V8	1986-92	8	3528	16
Santana series III	3.4L Turbo-Diesel		6	3430	15
Santana Series III A	2.3L Turbo Diesel		4	2286	5
Santana series IIIA	2.3L Eng. Turbo-		4	2287	8
Santana series IIIA	3.4L Eng. Turbo-		6	3430	13

Model	Engine	Years	Cyl	CC	Line
Santana series IIIA	3.4L Diesel / Petrol		6	3430	14
Series II A / B 80	2.3L Diesel .		4	2286	6
Series III, 109	SD1	1981-	8	3528	16
Sherpa 90/110	12J Diesel/Petrol		4	2495	9

LAND ROVER					LAND ROVER				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
1	18K16 DOHC			1796 cc	80.00 X 89.30	4 cyl			1
CR4208SI <i>STD/.25/.5/.50/.75 SUPERSEDED BY CR4208SI</i>	C4208	4 Pairs		1.8892/ 1.8900 47.986/ 48.006	2.0338/ 2.0348 51.659/ 51.684	0.7200 18.29	0.0718 1.824		
GLY: 01-4039/4									
MB5012AM FMO: 7192M GLA: M5603/M5545SA VAN: VPM92838 / 92607	M5011U M5011L	3 Pairs	2,3,4	1.8895/ 1.8898 47.993/ 48.001	2.0307/ 2.0315 51.580/ 51.600	0.6870 17.45	0.0704 1.788		
	M5011L	2 Pairs	1,5	1.8895/ 1.8898 47.993/ 48.001	2.0307/ 2.0315 51.580/ 51.600	0.6870 17.45	0.0704 1.788		
	M5012	1 Half	(3)	1.8895/ 1.8898 47.993/ 48.001	2.0307/ 2.0315 51.580/ 51.600	0.6870 17.45	0.0704 1.788		
2	M47 D20R			1951 cc	84.00 X 88.00	4 cyl			2
TD4				1951 cc	84.00 X 88.00	4 cyl	Freelander 2.0 TD4 16V		
MB5335AM <i>Includes two flanged half shells. Flange length: STD - 24.85 mm (FI STD) 0.25 - 25.00 (FI oversize 0.2mm) 0.5 - 25.25 (FI oversize 0.4mm)</i> GLY: H 080/5 OEM: 77877321723	M7016U M5578L	4 Pairs	1,3-5	2.3610/ 2.3618 59.969/ 59.990	2.5590/ 2.5598 64.999/ 65.019	0.7874 20.00	0.0983 2.497		
	F7111 F7112	1 Pair	2	2.3610/ 2.3618 59.969/ 59.990	2.5590/ 2.5598 64.999/ 65.019	0.9842 25.00	0.0983 2.497		
3	20 T2 N Turbo Diesel	97-		1994 cc	84.50 X 88.90	4 cyl	Land Rover Freelander		3
CR4333CP 9/96- GLY: 4-4660CP	C4333	4 Pairs		0.0000/ 0.0000 0.000/ 0.000	2.2718/ 2.2722 57.704/ 57.714	0.8504 21.60	0.0719 1.826		
MB5376AM GLY: 7263M	M5376U M5376L	5 Pairs		0.0000/ 0.0000 0.000/ 0.000	2.3909/ 2.3910 60.729/ 60.731	0.8839 22.45	0.0724 1.839		
TW 214AM ACL: 2T 218 CLE: TW- 218S FMO: 3461AFA GLA: W2198SA GLY: 1644AF VAN: VPM8	W 214D W 214E	2 Pairs		2.5039/ 2.5138 63.599/ 63.851	3.1594/ 3.1693 80.249/ 80.500	0.0000 0.00	0.0921 2.339		
4	2.0L Diesel			2052 cc	85.73 X 88.90	4 cyl	2 Liter Series II 88',109'		4
CS 411BB GLA: C4044S GLY: N165/4 VAN: VPC94000									
5	2.3L Turbo Diesel	1987 -		2286 cc	90.48 X 88.90	4 cyl	Santana Series III A 88/109		5
CR4408CP <i>Under Development</i> FMO: 4-8055CP	C4408*	4 Pairs		2.3120/ 2.3128 58.725/ 58.745	2.4580/ 2.4585 62.433/ 62.446	1.1417 29.00	0.0720 1.829		
CS 411BB GLA: C4044S GLY: N165/4 VAN: VPC94000									
MB5538CP <i>STD/010/020/030/040</i> CLE: MS-1908P FMO: 8070M GLA: M5468AL~ VAN: VPM92454LC	M 550/1 M5538/1	4 Pairs	1-2-3-4	2.4995/ 2.5000 63.487/ 63.500	2.6655/ 2.6663 67.704/ 67.724	0.9670 24.56	0.0825 2.096		
	M 550/5 M5538/5	1 Pair	5	2.4995/ 2.5000 63.487/ 63.500	2.6655/ 2.6663 67.704/ 67.724	1.3830 35.13	0.0825 2.096		
PB 128CP GLA: S4575L									
TW 186AM	W0186	1 Pair		2.7850/ 2.7950	3.3700/ 3.3800	0.0000	0.0920		

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CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

LAND ROVER				LAND ROVER				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
ACL:1T2692 FMO:65192BF GLY:A204/2	CLE:TW- 186S GLA:W2087SA VAN:VPW43			70.739/ 70.993	85.598/ 85.852	0.00	2.337	
6	2.3L Diesel . 3 Main Bearing Crankshaft	1961 -	2286 cc	90.48 X 88.90	4 cyl	MK IV-P4 Series III 88/109/110, Series II A /B 80	6	
CR4401AM STD/010/020/030/040/050/060 ACL:4B2691 FMO:4-65190CP GLY:01-4174/4	CLE:CB- 864P (4) GLA:B4324SA VAN:VPR91101A	C4401	4 Pairs		2.3120/ 2.3127 58.725/ 58.743	2.4580/ 2.4585 62.433/ 62.446	0.9870 25.07	0.0722 1.834
CR4401CP 010/020/030/040 GLA:B4324LC VAN:VPR91101								
CS 411BB GLA:C4044S VAN:VPC94000	GLY:N165/4							
MB 344AM STD/010/020/030/040/050/060 ACL:3M2692 FMO:6061M GLY:H1136/3	CLE:MS- 46AL GLA:M3275SA VAN:VPM91102A	M 344/1	2 Pairs		2.4995/ 2.5000 63.487/ 63.500	2.6655/ 2.6660 67.704/ 67.716	1.0070 25.58	0.0826 2.098
		M 344/3W M 344/3Y	1 Pair	3	2.4995/ 2.5000 63.487/ 63.500	2.6655/ 2.6660 67.704/ 67.716	1.5700 39.88	0.0826 2.098
MB 344CP STD/010/020/030/040 GLA:M3275LC VAN:VPM91102								
TW 186AM ACL:1T2692 FMO:65192BF GLY:A204/2	CLE:TW- 186S GLA:W2087SA VAN:VPW43	W0186	1 Pair		2.7850/ 2.7950 70.739/ 70.993	3.3700/ 3.3800 85.598/ 85.852	0.0000 0.00	0.0920 2.337
7	2.3L Diesel. 5 Main Bearing Crankshaft	1980 -	2286 cc	90.48 X 88.89	4 cyl	Country Series 80-P4, 88/109	7	
CR4401AM STD/010/020/030/040/050/060 ACL:4B2691 FMO:4-65190CP GLY:01-4174/4	CLE:CB- 864P (4) GLA:B4324SA VAN:VPR91101A	C4401	4 Pairs		2.3120/ 2.3127 58.725/ 58.743	2.4580/ 2.4585 62.433/ 62.446	0.9870 25.07	0.0722 1.834
CR4401CP 010/020/030/040 GLA:B4324LC VAN:VPR91101								
CS 411BB GLA:C4044S VAN:VPC94000	GLY:N165/4							
MB 550AM STD/010/020/030/040/050/060 <i>1980-85</i> <i>For Petrol & Diesel engines with 5 bearing</i> <i>crankshafts ,Bi Metal Aluminum Bearing</i> GLA:M5378SA OEM:RTC2626	CLE:H1106/5 GLY:H1106/5 VAN:VPM91896A	M 550/1	4 Pairs	1-2-3-4	2.4995/ 2.5000 63.487/ 63.500	2.6655/ 2.6663 67.704/ 67.724	0.9670 24.56	0.0825 2.096
		M 550/5	1 Pair	5	2.4995/ 2.5000 63.487/ 63.500	2.6655/ 2.6663 67.704/ 67.724	1.3830 35.13	0.0825 2.096
MB 550CP STD/010/020/030/040 <i>1980-85</i> <i>For Diesel & TDI engines with 5 bearing</i> <i>crankshafts, Tri Metal Copper Lead bearings.</i> FMO:8060M OEM:RTC2992	GLA:M5378LC VAN:VPM91896LC							
TW 186AM ACL:1T2692 FMO:65192BF GLY:A204/2	CLE:TW- 186S GLA:W2087SA VAN:VPW43	W0186	1 Pair		2.7850/ 2.7950 70.739/ 70.993	3.3700/ 3.3800 85.598/ 85.852	0.0000 0.00	0.0920 2.337
8	2.3L Eng. Turbo-Diesel	1987 -	2287 cc	90.50 X 88.90	4 cyl	Santana series IIIA 88/109	8	
CR4408CP <i>Under Development</i> FMO:4-8055CP		C4408*	4 Pairs		2.3120/ 2.3128 58.725/ 58.745	2.4580/ 2.4585 62.433/ 62.446	1.1417 29.00	0.0720 1.829
MB5538CP STD/010/020/030/040 <i>17H25700C -</i> CLE:MS-1908P GLA:M5468AL~	FMO:8070M VAN:VPM92454LC	M 550/1 M5538/1	4 Pairs	1-2-3-4	2.4995/ 2.5000 63.487/ 63.500	2.6655/ 2.6663 67.704/ 67.724	0.9670 24.56	0.0825 2.096
		M 550/5 M5538/5	1 Pair	5	2.4995/ 2.5000 63.487/ 63.500	2.6655/ 2.6663 67.704/ 67.724	1.3830 35.13	0.0825 2.096
9	12J Diesel/Petrol Indirect Injection	1984 -	2495 cc	90.48 X 97.00	4 cyl	Defender 110 TDI, 90TD, Discovery, MT 210 Van, Sherpa 90/110	9	

LAND ROVER				LAND ROVER				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
CR4405CP STD/010/020/030/040 GLY: 71-4396/4 VAN: VPR91895	C4405	4 Pairs		2.3120/ 2.3128 58.725/ 58.745	2.4580/ 2.4585 62.433/ 62.446	0.9720 24.69	0.0720 1.829	
CS 411BB GLA: C4044S GLY: N165/4 VAN: VPC94000								
MB 550AM STD/010/020/030/040/050/060 1980-85 For Petrol & Diesel engines with 5 bearing crankshafts, BI Metal Aluminum Bearing GLA: M5378SA GLY: H1106/5 OEM: RTC2626 VAN: VPM91896A	M 550/1	4 Pairs	1-2-3-4	2.4995/ 2.5000 63.487/ 63.500	2.6655/ 2.6663 67.704/ 67.724	0.9670 24.56	0.0825 2.096	
	M 550/5	1 Pair	5	2.4995/ 2.5000 63.487/ 63.500	2.6655/ 2.6663 67.704/ 67.724	1.3830 35.13	0.0825 2.096	
MB 550CP STD/010/020/030/040 1980-85 For Diesel & TDI engines with 5 bearing crankshafts, Tri Metal Copper Lead bearings. FMO: 8060M GLA: M5378LC OEM: RTC2992 VAN: VPM91896LC								
TW 186AM ACL: 1T2692 CLE: TW- 186S FMO: 65192BF GLA: W2087SA GLY: A204/2 VAN: VPM43	W0186	1 Pair		2.7850/ 2.7950 70.739/ 70.993	3.3700/ 3.3800 85.598/ 85.852	0.0000 0.00	0.0920 2.337	
10	2.5 L Diesel Turbo			2495 cc	90.47 X 97.00	4 cyl	110, 90	10
CR4405CP STD/010/020/030/040 modified crankshaft GLY: 71-4396/4 VAN: VPR91895	C4405	4 Pairs		2.3120/ 2.3128 58.725/ 58.745	2.4580/ 2.4585 62.433/ 62.446	0.9720 24.69	0.0720 1.829	
CS 411BB GLA: C4044S GLY: N165/4 VAN: VPC94000								
MB5538CP STD/010/020/030/040 17H25700C - CLE: MS-1908P FMO: 8070M GLA: M5468AL~ VAN: VPM92454LC	M 550/1 M5538/1	4 Pairs	1-2-3-4	2.4995/ 2.5000 63.487/ 63.500	2.6655/ 2.6663 67.704/ 67.724	0.9670 24.56	0.0825 2.096	
	M 550/5 M5538/5	1 Pair	5	2.4995/ 2.5000 63.487/ 63.500	2.6655/ 2.6663 67.704/ 67.724	1.3830 35.13	0.0825 2.096	
TW 186AM ACL: 1T2692 CLE: TW- 186S FMO: 65192BF GLA: W2087SA GLY: A204/2 VAN: VPM43	W0186	1 Pair		2.7850/ 2.7950 70.739/ 70.993	3.3700/ 3.3800 85.598/ 85.852	0.0000 0.00	0.0920 2.337	
11	TD5			2495 cc	84.45 X 89.00	5 cyl	Defender 110 / 130 / 90 2.5 TD, Discovery, Discovery 2.5 TD	11
CR 521CP GLY: 71-3902/5	C4333	5 Halves		0.0000/ 0.0000 0.000/ 0.000	2.2718/ 2.2722 57.704/ 57.714	0.0000 0.00	0.0000 0.000	
	C 521	5 Halves		0.0000/ 0.0000 0.000/ 0.000	2.2718/ 2.2722 57.704/ 57.714	0.0000 0.00	0.0000 0.000	
MB 626AM	M 626U M 626L	6 Pairs		0.0000/ 0.0000 0.000/ 0.000	2.5917/ 2.5924 65.829/ 65.847	0.6949 17.65	0.0740 1.880	
12	2.6L			2625 cc	77.80 X 92.08	6 cyl	109' 110' Forward Control, 2.6 Liter Series II, 109' 110', 2.6 Liter Series III, 109'	12
CR 647AM STD/020/040/050/060 GLA: B6283SA	C 647	6 Pairs		1.8750/ 1.8757 47.625/ 47.643	2.0210/ 2.0215 51.333/ 51.346	0.7550 19.18	0.0720 1.829	
MB 761AM 040/050/060 GLA: M7254SA	M 761	7 Pairs		2.6240/ 2.6250 66.650/ 66.675	2.7700/ 2.7705 70.358/ 70.371	1.1300 28.70	0.0720 1.829	
13	3.4L Eng. Turbo-Diesel		1987 -	3430 cc	90.50 X 88.90	6 cyl	Santana series IIIA 88/109	13
CR6705CP Under Development FMO: 6-8055CP	C4408*	6 Pairs		2.3120/ 2.3128 58.725/ 58.745	2.4580/ 2.4585 62.433/ 62.446	1.1417 29.00	0.0720 1.829	
MB7013CP FMO: 8075M	M 550/1 M5538/1	6 Pairs	1-2-3-4	2.4995/ 2.5000 63.487/ 63.500	2.6655/ 2.6663 67.704/ 67.724	0.9670 24.56	0.0825 2.096	
	M 550/5 M5538/5	1 Pair	5	2.4995/ 2.5000 63.487/ 63.500	2.6655/ 2.6663 67.704/ 67.724	1.3830 35.13	0.0825 2.096	
14	3.4L Diesel / Petrol		1980 -	3430 cc	90.50 X 88.90	6 cyl	Santana series IIIA 88/109	14

LAND ROVER				LAND ROVER			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
CR6704AM							
MB7012CP FMO:8065M	M 550/1	6 Pairs	1-2-3-4	2.4995/ 2.5000 63.487/ 63.500	2.6655/ 2.6663 67.704/ 67.724	0.9670 24.56	0.0825 2.096
	M 550/5	1 Pair	5	2.4995/ 2.5000 63.487/ 63.500	2.6655/ 2.6663 67.704/ 67.724	1.3830 35.13	0.0825 2.096
15	3.4L Turbo-Diesel	1961 -	3430 cc	90.50 X 88.90	6 cyl	Santana series III 88/109	15
CR6704AM							
MB5033AM							
MB5033CP FMO:8148M							
16	3.5L		3528 cc	88.86 X 71.12	8 cyl	Range Rover	16
	3.5L - 3.5 EFI, 3.5 L - 3.5 V8 -						
	SD1		3528 cc	88.86 X 71.12	8 cyl	110, 90, Range Rover, Range Rover, Series III, 109	
	3.5i V8		3528 cc	88.86 X 71.12	8 cyl	Landrover Discovery, Range Rover Vogue/Vogue Se	
3.9L EFi V8		3950 cc	94.00 X 71.12	8 cyl	Range Rover Vogue		
CR8006AM STD/010/020/030/040/050/060 OEM:RTC2117G VAN:VPR91242	C8006	8 Pairs		1.9995/ 2.0005 50.787/ 50.813	2.1247/ 2.1252 53.967/ 53.980	0.7020 17.83	0.0620 1.575
CS 513BB VAN:VPC94022							
MB 589AM STD/010/020/030/040 ACL:5M2217 CLE:MS- 558AL FMO:4096M GLA:M5260SA GLY:H1189/5	M 589U M 589L	4 Pairs	1-2-4-5	2.2983/ 2.2993 58.377/ 58.402	2.4906/ 2.4916 63.261/ 63.287	0.8070 20.50	0.0955 2.426
	F 589U F 589L	1 Pair	3	2.2987/ 2.2997 58.387/ 58.412	2.4906/ 2.4916 63.261/ 63.287	1.0580 26.87	0.0955 2.426
17	4.0L EFi	1990's	4000 cc		8 cyl	Range Rover	17
	4.6L	1990's	4600 cc		8 cyl	Range Rover	
CR 890CP STD/010/020 GLY:71-4378/8	C 890	8 Pairs		0.0000/ 0.0000 0.000/ 0.000	2.3147/ 2.3150 58.793/ 58.801	0.7020 17.83	0.0618 1.570
MB5031AM STD/010/020/030 FL O/S .010" for U/S 010", 020" and 030" GLY:H1142/5 OEM:STC 1425	M5031U M5031L	4 Pairs		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 2.6660 0.000/ 67.716	0.8070 20.50	0.0825 2.096
	F5031 M5031L	1 Pair		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 2.6660 0.000/ 67.716	1.0400 26.42	0.0825 2.096
MB5652AM STD/010/020 A version of MB5031AM with FL-STD for U/S 010" and 020"	M5031U M5031L	4 Pairs		2.4995/ 2.5000 63.487/ 63.500	2.6655/ 2.6660 67.704/ 67.716	0.8010 20.35	0.0819 2.080
	F5652 M5031L	1 Pair		2.4995/ 2.5000 63.487/ 63.500	2.6655/ 2.6660 67.704/ 67.716	1.0551 26.80	0.0819 2.080

Engine Index: LEXUS

Engine-Code	Years	Cyl	CC	Line
2VZFE V6 Toyota 153CI	01/1990-	6	2508	1

Engine-Code	Years	Cyl	CC	Line
3VZFE V6 Toyota 181CI	01/1992-	6	2959	2

Engine-Code	Years	Cyl	CC	Line
1MZFE V6 Toyota 183CI	01/1994-	6	2995	3
1UZFE V8 Toyota 242CI	01/1990-	8	3959	4

Engine-Code	Years	Cyl	CC	Line
2UZFE V8 Toyota 285CI	01/1998-	8	4663	4

Car Model Index: LEXUS

Model	Engine	Years	Cyl	CC	Line
ES250	2VZFE V6 Toyota		6	2508	1
ES300	1MZFE V6 Toyota		6	2995	3
ES300	3VZFE V6 Toyota		6	2959	2
GS400	1UZFE V8 Toyota		8	3959	4
GX470, LX470	2UZFE V8 Toyota		8	4663	4

Model	Engine	Years	Cyl	CC	Line
LS400	1UZFE V8 Toyota		8	3959	4
RX300	1MZFE V6 Toyota		6	2995	3
SC400	1UZFE V8 Toyota		8	3959	4

LEXUS					LEXUS				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
1	2VZFE V6 Toyota 153CI /2.5Liter, DOHC, 24 Valves, vin V, Gasoline	01/1990-12/1991	2508 cc	87.50 X 96.50	6 cyl	ES250		1	
CR6634AM STD/.25/.5/.75	C6634	6 Pairs		1.8892/ 1.8898 47.986/ 48.001	2.0079/ 2.0088 51.001/ 51.024	0.6690 16.99	0.0586 1.488		
ACL: 6B9517 DAI: R9324K NDC: CB-1423	CLE: CB-1594AL (6) FMO: 6-4010RA OEM: 13041-62010								
MB4012AM STD/.25/.5/.75/1.0	M4012/1U M4012/1L	1 Pair	1	2.5191/ 2.5197 63.985/ 64.000	2.6776/ 2.6783 68.011/ 68.029	0.8996 22.85	0.0786 1.996		
ACL: 4M8063 ~ DAI: M9327A NDC: MS-1437 OEM: 11071-65010	CLE: MS-2011P FMO: 7261M OEM: 11701-65011								
TW 249AM STD	W 249D W 249E	2 Pairs		2.7953/ 2.8051 71.001/ 71.250	3.4055/ 3.4153 86.500/ 86.749	0.0000 0.00	0.0976 2.479		
ACL: 2T8063 DAI: T9324A NDC: TW-1423A OEM: 11011-62010	CLE: TW- 554S FMO: 3956BF OEM: 11011-62021								
2	3VZFE V6 Toyota 181CI /3.0Liter, DOHC, 24 Valves, vin V, Gasoline	01/1992-12/1993	2959 cc	87.00 X 82.00	6 cyl	ES300		2	
CR6669AM STD/.25/.5/.75/1.0	C6669	6 Pairs		2.1648/ 2.1654 54.986/ 55.001	2.2835/ 2.2844 58.001/ 58.024	0.6650 16.89	0.0585 1.486		
ACL: 6B8061 DAI: R9328K NDC: CB-1445 OEM: 13041-62020	CLE: CB-1783P (6) FMO: 6-4380RA OEM: 13041-62030								
MB4012AM STD/.25/.5/.75/1.0	M4012/1U M4012/1L	1 Pair	1	2.5191/ 2.5197 63.985/ 64.000	2.6776/ 2.6783 68.011/ 68.029	0.8996 22.85	0.0786 1.996		
ACL: 4M8063 ~ DAI: M9327A NDC: MS-1437 OEM: 11071-65010	CLE: MS-2011P FMO: 7261M OEM: 11701-65011								
TW 249AM STD	W 249D W 249E	2 Pairs		2.7953/ 2.8051 71.001/ 71.250	3.4055/ 3.4153 86.500/ 86.749	0.0000 0.00	0.0976 2.479		
ACL: 2T8063 DAI: T9324A NDC: TW-1423A OEM: 11011-62010	CLE: TW- 554S FMO: 3956BF OEM: 11011-62021								
3	1MZFE V6 Toyota 183CI /3.0Liter, DOHC, 24 Valves, vin F,G, Gasoline	01/1994-12/2003	2995 cc	87.50 X 83.00	6 cyl	ES300, RX300		3	
CR6686AM STD/.25/.5/.75/1.0	C6686	6 Pairs	1-6	2.0864/ 2.0866 52.995/ 53.000	2.2047/ 2.2057 55.999/ 56.025	0.6300 16.00	0.0587 1.491		
ACL: 6B8381 FMO: 6-4905P	CLE: CB-1833P (6) OEM: 13041-20010								
MB4011AM STD/.25/.5/.75	M4011/1U M4011/1L	2 Pairs		2.4011/ 2.4016 60.988/ 61.001	2.5984/ 2.5990 65.999/ 66.015	0.7480 19.00	0.0981 2.492		
ACL: 4M8379 FMO: 7405M	CLE: MS-2240P OEM: 11701-20010								
	M4011/3U M4011/3L	2 Pairs		2.4011/ 2.4016 60.988/ 61.001	2.5984/ 2.5990 65.999/ 66.015	0.8819 22.40	0.0981 2.492		

LEXUS				LEXUS			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
TW 257AM ACL:2T8379 CLE:TW- 618S FMO:4907F	W 257D W 257E	2 Pairs		2.6850/ 2.6949 68.199/ 68.450	3.2953/ 3.3051 83.701/ 83.950	0.0000 0.00	0.0780 1.981
4	1UZFE V8 Toyota 242CI /4.0Liter, DOHC, 32 Valves, vin H,U, Gasoline	01/1990- 12/2000	3959 cc	87.50 X 82.50	8 cyl	GS400, LS400, SC400	4
	2UZFE V8 Toyota 285CI /4.7Liter, DOHC, 32 Valves, Gasoline	01/1998- 12/2005	4663 cc	94.00 X 84.70	8 cyl	GX470, LX470	
CR 888CP <i>Under Development</i> ACL:8B8091 CLE:CB-1627P(8) DAI:R9310K FMO:8-4785P NDC:CB-1440 OEM:13041-50020-01~05	C 888*	8 Pairs		2.0465/ 2.0472 51.981/ 51.999	2.1654/ 2.1663 55.001/ 55.024	0.7680 19.51	0.0589 1.496
MB5286CP <i>Under Development</i> ACL:5M8092 CLE:MS-2013P FMO:7366M NDC:MS-1440	M5286/1U* M5286/1L*	2 Pairs	1,5	2.6373/ 2.6378 66.987/ 67.000	2.8346/ 2.8352 71.999/ 72.014	0.8860 22.50	0.0984 2.499
	M5286/21U* M5286/2L*	3 Pairs	2-4	2.6373/ 2.6378 66.987/ 67.000	2.8346/ 2.8352 71.999/ 72.014	0.7680 19.51	0.0984 2.499
TW 288AM <i>Under Development</i> ACL:2T8092 DAI:T9310A FMO:4786F NDC:TW-1440A OEM:11011-50010	W 288	2 Pairs		0.0000/ 2.9070 0.000/ 73.838	3.5160/ 0.0000 89.306/ 0.000	0.0000 0.00	0.0984 2.499

Engine Index: LEYLAND

Engine-Code	Years	Cyl	CC	Line
15T		4	1489	1
B SERIES		4	1622	2
O SERIES O.H.C		4	1695	6
B SERIES		4	1798	3
B SERIES		4	1798	4
Prima 65		4	1994	5
O SERIES O.H.C		4	2000	6
22UA		4	2178	7
OE138		4	2260	8
12J INDIRECT INJECTION		4	2494	9
D3.152/AD3.152 Direct Injection		3	2500	10
EA SERIES 25U		4	2520	11
EA SERIES Diesel		4	2520	12
120		4	2520	13
34T		4	3400	15
OEA		4	3400	17
SD1 V8		8	3528	14
38J/38T/38VD		4	3770	15
4/98 /3749/3751		4	3770	16
38T/TA, OEE	1962-67	4	3770	17
51UD		6	5103	20
OEB		6	5103	21
6/98 3748		6	5650	18

Engine-Code	Years	Cyl	CC	Line
6/98 DV NV		6	5650	18
6/98 TV Turbocharged		6	5650	19
57J/57JC/57VD Diesel		6	5655	20
OEJ		6	5655	21
3.354.2 Direct Injection		6	5800	22
6.354.4		6	5800	23
0375 Direct Injection		6	6170	24
0400 PP.MK1/2/3 Diesel Direct		6	6540	25
0410 Turbocharged		6	6540	25
401/402 Horizontal & Vertical		6	6540	25
410/411/420 Turbocharged		6	6540	25
0500 Integral Head Direct		6	8200	26
0501/0502 Integral Head		6	8200	26
0510/0511 Integral Head		6	8200	26
V8.510/AV8.510 Diesel Direct		8	8360	27
V8.540 Direct Injection		8	8830	28
0600 P.P.MK1/2 Direct Injection		6	9800	29
0680		6	11100	29
0680 PP.MK1/2/3 Direct Injection		6	11100	30
TL11 Turbocharged		6	11100	30
680/4000,L11		6	11100	31

Car Model Index: LEYLAND

Model	Engine	Years	Cyl	CC	Line
1-5ton NC/FC Series	34T	1956-61	4	3400	15
1/1.5ton LD Series	22UA	1956-72	4	2178	7
11.1 Liter	0680	1951-	6	11100	29
154 Tractor	15T		4	1489	1
154 Tractor	B SERIES	1962-74	4	1622	2
2 Ton	OE138	1962-	4	2260	8
2-4 Ton T200/304/404	34T	1956-61	4	3400	15
245 Quiet Cab Tractor	D3.152/AD3.152		3	2500	10
344 Tractor	34T	1956-61	4	3400	15
399 Cu.in.	401/402 Horizontal	1960-	6	6540	25
4/60 Tractor, 10/60	38T/TA, OEE		4	3770	17
5-7 Ton CN/FC Series	51UD	1956-72	6	5103	20
830WF,FJ1200/1500/18	57J/57JC/57VD	1962-72	6	5655	20
Atlantean	680/4000,L11	1979-	6	11100	31
Atlantean, Beaver,	0600 P.P.MK1/2	1946-	6	9800	29
Big 'J' Bison, Lynx	0500 Integral Head	1968-	6	8200	26
Bison	0501/0502 Integral	1968-	6	8200	26
Bison	TL11	1979-	6	11100	30
Boxer	3.354.2 Direct		6	5800	22
Boxer 1000	51UD	1956-72	6	5103	20
Boxer Series	6/98 3748	1972-	6	5650	18
Boxer Series	6/98 TV	1972-	6	5650	19
Boxer Terrier Series	6/98 DV NV	1972-	6	5650	18
Boxer,Redline	6.354.4		6	5800	23
Buffalo	0510/0511 Integral	1968-	6	8200	26
Buffalo	TL11	1979-	6	11100	30
Chieftain	410/411/420	1960-	6	6540	25
Chieftan	0400 PP.MK1/2/3	1960-	6	6540	25
Clydesdale	0400 PP.MK1/2/3	1960-	6	6540	25
Clydesdale	410/411/420	1960-	6	6540	25
Constructor	TL11	1979-	6	11100	30
Constructor	410/411/420	1960-	6	6540	25
Constructor	680/4000,L11	1979-	6	11100	31
Crewbus Van	Prima 65	1986-	4	1994	5
Cruiser	TL11	1979-	6	11100	30
FFK140/160/360,FJ116	57J/57JC/57VD	1962-72	6	5655	20
FFK140/240/300/340/36	51UD	1956-72	6	5103	20
FG345/350/420/550/700	4/98 /3749/3751	1972-	4	3770	16
FHK140/160	57J/57JC/57VD	1962-72	6	5655	20
FJ950/1160,FJK100,FH	51UD		6	5103	20
FJK140/160/360	57J/57JC/57VD	1962-72	6	5655	20
Freight Rover	12J INDIRECT	1984-	4	2494	9
Freighter	410/411/420	1960-	6	6540	25
Gypsy 4 WD Truck	22UA	1956-72	4	2178	7
JSPA152 Omnitruck,	22UA	1956-72	4	2178	7
Laird 950/1000	51UD	1956-72	6	5103	20
Laird	57J/57JC/57VD	1962-72	6	5655	20

Model	Engine	Years	Cyl	CC	Line
Leopard	680/4000,L11	1979-	6	11100	31
Lynx	0501/0502 Integral	1968-	6	8200	26
Lynx	TL11	1979-	6	11100	30
Mastiff	V8.510/AV8.510		8	8360	27
National	0510/0511 Integral	1968-	6	8200	26
National	680/4000,L11	1979-	6	11100	31
Octopus	0501/0502 Integral	1968-	6	8200	26
Octopus	0510/0511 Integral	1968-	6	8200	26
Octopus	TL11	1979-	6	11100	30
Olympian	TL11	1979-	6	11100	30
Olympic Series 2	0680 PP.MK1/2/3	1951-	6	11100	30
Prime-mover	51UD	1956-72	6	5103	20
RD2, Royal Tiger, Steer,	0600 P.P.MK1/2	1946-	6	9800	29
Redline	EA SERIES Diesel	1968-	4	2520	12
Redline 350FG/360WF	22UA	1956-72	4	2178	7
Reiver	0400 PP.MK1/2/3	1960-	6	6540	25
Reiver	410/411/420	1960-	6	6540	25
Routeman	TL11	1979-	6	11100	30
Royal Tiger	0680 PP.MK1/2/3	1951-	6	11100	30
Sharpa 185,215	B SERIES	1975-78	4	1622	2
Sherpa	B SERIES	1975-	4	1798	3
Sherpa	B SERIES	1975-	4	1798	4
Sherpa 200 Series	Prima 65	1986-	4	1994	5
Sherpa	O SERIES O.H.C	1978-	4	1695	6
Sherpa	12J INDIRECT	1984-	4	2494	9
Sherpa 300 Series V8	SD1 V8	1986-	8	3528	14
Super Clydesdale	0410 Turbocharged	1966-	6	6540	25
Super Comet	0375 Direct	1958-73	6	6170	24
Super Comet MK I, MK	0400 PP.MK1/2/3	1959-73	6	6540	25
Super Mastiff	V8.540 Direct	1972-	8	8830	28
Super Reiver	0410 Turbocharged	1966-	6	6540	25
TA/16TF, Terrier TR950	57J/57JC/57VD	1962-72	6	5655	20
Terrier 650/850/950	51UD	1956-72	6	5103	20
Terrier Series	6/98 3748	1972-	6	5650	18
Terrier TR650	4/98 /3749/3751	1972-	4	3770	16
Terrier TR650/750	38J/38T/38VD	1962-72	4	3770	15
Tiger	TL11	1979-	6	11100	30
Tractor 384,WF360/420,	38J/38T/38VD	1962-72	4	3770	15
Tractors 262/272/470	4/98 /3749/3751	1972-	4	3770	16
Tractors	6/98 3748	1972-	6	5650	18
Tractors 602,604	4/98 /3749/3751	1972-	4	3770	16
WEK100,830WF,900FG	51UD	1956-72	6	5103	20
Worldmaster	0680 PP.MK1/2/3	1951-	6	11100	30

LEYLAND				LEYLAND				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
1	15T			1489 cc	73.01 X 88.90	4 cyl	154 Tractor	
CR4490AM STD/010/040 1.5 liter 1966- GLA: B4402SA VAN: VPR91017	C4490	4 Pairs		2.0005/ 2.0010 50.813/ 50.825	2.1460/ 2.1465 54.508/ 54.521	0.9730 24.71	0.0720 1.829	
CS 304BB CLE: SH- 481S DUR: DA-2								

LEYLAND		LEYLAND						
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
FMO:1307M GLY:N160/3	GLA:C3023S VAN:VPC908							
MB 347AM STD/010/020/030/040/060 ACL:3M2215 FMO:6704M GLY:H1140/3 OEM:1223113200	CLE:MS-1055AL GLA:M3297SA NDC:MS-1034 VAN:VPM817	M 347	3 Pairs	2.0005/ 2.0010 50.813/ 50.825	2.1460/ 2.1465 54.508/ 54.521	1.2250 31.12	0.0720 1.829	
2	B SERIES	1622 cc	76.19 X 89.00	4 cyl	154 Tractor, Sharpa 185,215		2	
CR 420AM STD/010/020/030/040/060 ACL:4B1891 FMO:4-2055CP GLY:71-4254/4	CLE:CB- 487AL (4) GLA:B4357SA VAN:VPR245	C 420	4 Pairs	1.8759/ 1.8764 47.648/ 47.661	2.0210/ 2.0215 51.333/ 51.346	1.0050 25.53	0.0720 1.829	
CS 304BB CLE:SH- 481S FMO:1307M GLY:N160/3	DUR:DA-2 GLA:C3023S VAN:VPC908							
MB 347AM STD/010/020/030/040/060 ACL:3M2215 FMO:6704M GLY:H1140/3 OEM:1223113200	CLE:MS-1055AL GLA:M3297SA NDC:MS-1034 VAN:VPM817	M 347	3 Pairs	2.0005/ 2.0010 50.813/ 50.825	2.1460/ 2.1465 54.508/ 54.521	1.2250 31.12	0.0720 1.829	
3	B SERIES	1798 cc	80.25 X 87.99	4 cyl	Sherpa 185/215/220/240/250		3	
CR4403AM STD/010/020/030/040/060 ACL:4B2250 FMO:4-65385CP GLY:71-4336/4	CLE:CB- 792P (4) GLA:B4512LC VAN:VPR91173	C4403	4 Pairs	1.8759/ 1.8764 47.648/ 47.661	2.0210/ 2.0215 51.333/ 51.346	0.7850 19.94	0.0719 1.826	
CR4403CP STD/010/020								
CS 304BB CLE:SH- 481S FMO:1307M GLY:N160/3	DUR:DA-2 GLA:C3023S VAN:VPC908							
MB 520AM STD/010/020/030/040/060 ACL:5M2255 FMO:6033M GLY:H1144/5	CLE:MS- 914AL GLA:M5207SA VAN:VPM91166	M 520/1	3 Pairs	1-3-5 2.1265/ 2.1270 54.013/ 54.026	2.2710/ 2.2715 57.683/ 57.696	1.1300 28.70	0.0715 1.816	
		M 520/2	2 Pairs	2-4 2.1265/ 2.1270 54.013/ 54.026	2.2710/ 2.2715 57.683/ 57.696	0.7700 19.56	0.0715 1.816	
TW 216AM.25 ACL:2T2252 FMO:65077BF GLY:A233/4	CLE:TW- 144S GLA:W2115SA VAN:VPW77	W 216D W 216E	2 Pairs	2.3400/ 2.3500 59.436/ 59.690	2.9330/ 2.9430 74.498/ 74.752	0.0000 0.00	0.0930 2.362	
4	B SERIES	1798 cc	80.25 X 87.90	4 cyl	Sherpa 185/215/220/240/250		4	
CR4403AM STD/010/020/030/040/060 ACL:4B2250 FMO:4-65385CP GLY:71-4336/4	CLE:CB- 792P (4) GLA:B4512LC VAN:VPR91173	C4403	4 Pairs	1.8759/ 1.8764 47.648/ 47.661	2.0210/ 2.0215 51.333/ 51.346	0.7850 19.94	0.0719 1.826	
CR4403CP STD/010/020								
CS 304BB CLE:SH- 481S FMO:1307M GLY:N160/3	DUR:DA-2 GLA:C3023S VAN:VPC908							
MB 520AM STD/010/020/030/040/060 ACL:5M2255 FMO:6033M GLY:H1144/5	CLE:MS- 914AL GLA:M5207SA VAN:VPM91166	M 520/1	3 Pairs	1-3-5 2.1265/ 2.1270 54.013/ 54.026	2.2710/ 2.2715 57.683/ 57.696	1.1300 28.70	0.0715 1.816	
		M 520/2	2 Pairs	2-4 2.1265/ 2.1270 54.013/ 54.026	2.2710/ 2.2715 57.683/ 57.696	0.7700 19.56	0.0715 1.816	
TW 216AM.25 ACL:2T2252 FMO:65077BF GLY:A233/4	CLE:TW- 144S GLA:W2115SA VAN:VPW77	W 216D W 216E	2 Pairs	2.3400/ 2.3500 59.436/ 59.690	2.9330/ 2.9430 74.498/ 74.752	0.0000 0.00	0.0930 2.362	
5	Prima 65	1994 cc	84.44 X 89.00	4 cyl	Crewbus Van, Sherpa 200 Series		5	

LEYLAND				LEYLAND				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
CR4025AM STD/3/5/8 FMO: 4-1640CP GLA: B4685LC GLY: 71-4353/4 VAN: VPR92127LC	C4025	4 Pairs		2.1256/ 2.1264 53.990/ 54.011	2.2710/ 2.2715 57.683/ 57.696	0.8000 20.32	0.0718 1.824	
MB5561AM STD/3/5/8 FMO: 7083M GLA: M5476SA GLY: H1158/5 VAN: VPM92128A	M5561/1U M5561/1L	4 Pairs	1-2-4-5	2.2437/ 2.2445 56.990/ 57.010	2.3899/ 2.3905 60.703/ 60.719	0.8900 22.61	0.0722 1.834	
	M5561/3U M5561/3L	1 Pair	3	2.2437/ 2.2445 56.990/ 57.010	2.3899/ 2.3905 60.703/ 60.719	0.9650 24.51	0.0722 1.834	
6	O SERIES O.H.C		1695 cc	84.44 X 75.80	4 cyl	Sherpa 200/230/250/255	6	
	O SERIES O.H.C		2000 cc	84.44 X 89.28	4 cyl			
CR4064AM STD/010/020 CLE: CB-1345AL (4) GLA: B4584SA GLY: 4-8180RA VAN: VPR91772A	C4064	4 Pairs		1.8759/ 1.8764 47.648/ 47.661	2.0210/ 2.0215 51.333/ 51.346	0.7850 19.94	0.0716 1.819	
MB5594AM STD/010/020/030 CLE: MS-1655AL GLA: M5361SA GLY: H1150/5 VAN: VPM91773A	M5594/1	3 Pairs	1-3-5	2.1265/ 2.1270 54.013/ 54.026	2.2710/ 2.2715 57.683/ 57.696	1.1300 28.70	0.0716 1.819	
	M5594/2	2 Pairs	2-4	2.1265/ 2.1270 54.013/ 54.026	2.2710/ 2.2715 57.683/ 57.696	0.7701 19.56	0.0716 1.819	
TW 216AM.25 ACL: 2T2252 CLE: TW- 144S FMO: 65077BF GLA: W2115SA GLY: A233/4 VAN: VPM77	W 216D W 216E	2 Pairs		2.3400/ 2.3500 59.436/ 59.690	2.9330/ 2.9430 74.498/ 74.752	0.0000 0.00	0.0930 2.362	
7	22UA		2178 cc	82.55 X 101.74	4 cyl	1/1.5ton LD Series, Gypsy 4 WD Truck, JSPA152 Omnitruck, 101 Express, Redline 350FG/360WF	7	
CR4491AM STD/010/020/030/040/060 GLA: B4253SA VAN: VPR739	C4491	4 Pairs		2.2480/ 2.2485 57.099/ 57.112	2.3950/ 2.3955 60.833/ 60.846	1.0050 25.53	0.0723 1.836	
MB3322AM GLA: M3202SA	M3323/1	2 Pairs	1-2	2.4780/ 2.4785 62.941/ 62.954	2.6250/ 2.6255 66.675/ 66.688	1.6250 41.28	0.0720 1.829	
	M3323/3	1 Pair	3	2.4780/ 2.4785 62.941/ 62.954	2.6250/ 2.6255 66.675/ 66.688	1.8750 47.63	0.0720 1.829	
8	OE138		2260 cc	84.18 X 101.60	4 cyl	2 Ton	8	
CR4037AM STD/010/020/030/040 <i>4 top halves with one 5mm not centre hole and oil groove (4.0 mm wide); 4 plane bottom halves.</i> CLE: CB- 653AL (4) GLA: B4421LC OEM: 830 899M91	C4037U C4037L	4 Pairs		2.3110/ 2.3115 58.699/ 58.712	2.4570/ 2.4575 62.408/ 62.421	1.0600 26.92	0.0719 1.826	
MB3332AM STD/010/020/030/040/060 CLE: MS- 750P GLA: M3153LC VAN: VPM420	M3332	3 Pairs	1-2-3	2.7515/ 2.7520 69.888/ 69.901	2.9190/ 2.9195 74.143/ 74.155	1.5050 38.23	0.0825 2.096	
9	12J INDIRECT INJECTION		2494 cc	90.48 X 97.00	4 cyl	Freight Rover, Sherpa 285,310,350, City	9	
CR4405CP STD/010/020/030/040 <i>Copper Lead Tri Metal For Diesel Engine</i> GLY: 71-4396/4 VAN: VPR91895	C4405	4 Pairs		2.3120/ 2.3128 58.725/ 58.745	2.4580/ 2.4585 62.433/ 62.446	0.9720 24.69	0.0720 1.829	
CS 411BB GLA: C4044S GLY: N165/4 VAN: VPC94000								
MB 550AM STD/010/020/030/040/050/060 <i>1980-85 For Petrol & Diesel engines with 5 bearing crankshafts, Bi Metal Aluminum Bearing.</i> GLA: M5378SA GLY: H1106/5 OEM: RTC2626 VAN: VPM91896A	M 550/1	4 Pairs	1-2-3-4	2.4995/ 2.5000 63.487/ 63.500	2.6655/ 2.6663 67.704/ 67.724	0.9670 24.56	0.0825 2.096	
	M 550/5	1 Pair	5	2.4995/ 2.5000 63.487/ 63.500	2.6655/ 2.6663 67.704/ 67.724	1.3830 35.13	0.0825 2.096	
MB 550CP STD/010/020/030/040 <i>1980-85 For Diesel & TDI engines with 5 bearing crankshafts, Tri Metal Copper Lead bearings.</i> FMO: 8060M GLA: M5378LC OEM: RTC2992 VAN: VPM91896LC								
MB5538CP STD/010/020/030/040 <i>17H25700C -</i>	M 550/1 M5538/1	4 Pairs	1-2-3-4	2.4995/ 2.5000 63.487/ 63.500	2.6655/ 2.6663 67.704/ 67.724	0.9670 24.56	0.0825 2.096	

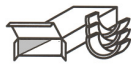




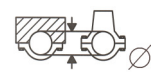


LEYLAND				LEYLAND				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
CLE:MS-1908P GLA:M5468AL~	FMO:8070M VAN:VPM92454LC	M 550/5 M5538/5	1 Pair	5	2.4995/ 2.5000 63.487/ 63.500	2.6655/ 2.6663 67.704/ 67.724	1.3830 35.13	0.0825 2.096
TW 186AM ACL:1T2692 FMO:65192BF GLY:A204/2	CLE:TW- 186S GLA:W2087SA VAN:VPW43	W0186	1 Pair		2.7850/ 2.7950 70.739/ 70.993	3.3700/ 3.3800 85.598/ 85.852	0.0000 0.00	0.0920 2.337
10	D3.152/AD3.152 Direct Injection	2500 cc	91.49 X 127.00	3 cyl	245 Quiet Cab Tractor	10		
CR 301AM STD/010/020/030/040/050/060 CLE:CB- 560AL (3) GLA:B3022SA	FMO:3-2015CPA VAN:VPR863A	C 454	3 Pairs		2.2485/ 2.2490 57.112/ 57.125	2.3950/ 2.3955 60.833/ 60.846	1.1900 30.23	0.0720 1.829
CR4405AM STD/010/020/030/040/060 GLA:B4667AL	K.S:86 053 604							
MB 440AM STD/010/020/030/040/050/060 CLE:MS- 772AL GLA:M4165SA VAN:VPM864A	FMO:4415M GLY:H1026/4	M 504/1U M 504/1L	1 Pair	1	2.7485/ 2.7490 69.812/ 69.825	2.9165/ 2.9170 74.079/ 74.092	1.2740 32.36	0.0828 2.103
		M 504/2	2 Pairs	2-3	2.7485/ 2.7490 69.812/ 69.825	2.9165/ 2.9170 74.079/ 74.092	0.9370 23.80	0.0828 2.103
		M 504/3	1 Pair	4	2.7485/ 2.7490 69.812/ 69.825	2.9165/ 2.9170 74.079/ 74.092	1.5420 39.17	0.0828 2.103
11	EA SERIES 25U	2520 cc	84.94 X 111.18	4 cyl		11		
MB3323AM STD/010 GLA:M3368SA	VAN:VPM91560A	M3323/1	1 Pair	1	2.4780/ 2.4785 62.941/ 62.954	2.6250/ 2.6255 66.675/ 66.688	1.6250 41.28	0.0724 1.839
		M3323/2	1 Pair	2	2.4780/ 2.4785 62.941/ 62.954	2.6250/ 2.6255 66.675/ 66.688	1.4370 36.50	0.0724 1.839
		M3323/3	1 Pair	3	2.4780/ 2.4785 62.941/ 62.954	2.6250/ 2.6255 66.675/ 66.688	1.8750 47.63	0.0724 1.839
12	EA SERIES Diesel	2520 cc	88.90 X 101.50	4 cyl	Redline 345A/350EA/420EA/	12		
CR4491AM STD/010/020/030/040/060 GLA:B4253SA	VAN:VPR739	C4491	4 Pairs		2.2480/ 2.2485 57.099/ 57.112	2.3950/ 2.3955 60.833/ 60.846	1.0050 25.53	0.0723 1.836
MB3323AM STD/010 GLA:M3368SA	VAN:VPM91560A	M3323/1	1 Pair	1	2.4780/ 2.4785 62.941/ 62.954	2.6250/ 2.6255 66.675/ 66.688	1.6250 41.28	0.0724 1.839
		M3323/2	1 Pair	2	2.4780/ 2.4785 62.941/ 62.954	2.6250/ 2.6255 66.675/ 66.688	1.4370 36.50	0.0724 1.839
		M3323/3	1 Pair	3	2.4780/ 2.4785 62.941/ 62.954	2.6250/ 2.6255 66.675/ 66.688	1.8750 47.63	0.0724 1.839
13	120	2520 cc	88.90 X 101.50	4 cyl		13		
CR4491AM STD/010/020/030/040/060 GLA:B4253SA	VAN:VPR739	C4491	4 Pairs		2.2480/ 2.2485 57.099/ 57.112	2.3950/ 2.3955 60.833/ 60.846	1.0050 25.53	0.0723 1.836
MB3323AM STD/010 GLA:M3368SA	VAN:VPM91560A	M3323/1	1 Pair	1	2.4780/ 2.4785 62.941/ 62.954	2.6250/ 2.6255 66.675/ 66.688	1.6250 41.28	0.0724 1.839
		M3323/2	1 Pair	2	2.4780/ 2.4785 62.941/ 62.954	2.6250/ 2.6255 66.675/ 66.688	1.4370 36.50	0.0724 1.839
		M3323/3	1 Pair	3	2.4780/ 2.4785 62.941/ 62.954	2.6250/ 2.6255 66.675/ 66.688	1.8750 47.63	0.0724 1.839
14	SD1 V8	3528 cc	88.86 X 71.11	8 cyl	Sherpa 300 Series V8	14		
CR8006AM STD/010/020/030/040/050/060 OEM:RTC2117G	VAN:VPR91242	C8006	8 Pairs		1.9995/ 2.0005 50.787/ 50.813	2.1247/ 2.1252 53.967/ 53.980	0.7020 17.83	0.0620 1.575
MB 589AM STD/010/020/030/040 ACL:5M2217 FMO:4096M GLY:H1189/5	CLE:MS- 558AL GLA:M5260SA	M 589U M 589L	4 Pairs	1-2-4-5	2.2983/ 2.2993 58.377/ 58.402	2.4906/ 2.4916 63.261/ 63.287	0.8070 20.50	0.0955 2.426
		F 589U F 589L	1 Pair	3	2.2987/ 2.2997 58.387/ 58.412	2.4906/ 2.4916 63.261/ 63.287	1.0580 26.87	0.0955 2.426

LEYLAND					LEYLAND				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
15	34T			3400 cc	95.00 X 120.00	4 cyl	1-5ton NC/FC Series 3/3K/4/4K, 2-4 Ton T200/304/404, 344 Tractor	15	
	38J/38T/38VD			3770 cc	100.00 X 120.00	4 cyl	Terrier TR650/750, Tractor 384,WF360/420,		
CR4452AM STD/010/015/020/030/040/060 GLA: B4454SA GLY: 01-4177/4 VAN: VPR91418A	C6601	4 Pairs		2.6245/ 2.6250 66.662/ 66.675	2.7715/ 2.7720 70.396/ 70.409	1.2250 31.12	0.0725 1.842		
MB 561AM STD/010/015/020/030/040/060 FMO: 6476M GLA: M5226SA GLY: H1120/5 VAN: VPM91419A	M 765/1	3 Pairs	1-3-5	3.2490/ 3.2500 82.525/ 82.550	3.4175/ 3.4185 86.805/ 86.830	1.6050 40.77	0.0820 2.083		
	M 765/3	2 Pairs	2-4	3.2490/ 3.2500 82.525/ 82.550	3.4175/ 3.4185 86.805/ 86.830	1.1300 28.70	0.0820 2.083		
TW 217AM <i>Under Development</i> GLA: W2146SA GLY: A234/4 VAN: VPM95007	W 217	2 Pairs		3.5600/ 3.5700 90.424/ 90.678	4.2440/ 4.2490 107.798/107.925	0.0000 0.00	0.0920 2.337		
16	4/98 /3749/3751 Non-Turbo & Turbocharged			3770 cc	98.00 X 125.00	4 cyl	FG345/350/420/550/700, Terrier TR650, Tractors 262/272/470, Tractors 602,604	16	
CR4452AM STD/010/015/020/030/040/060 GLA: B4454SA GLY: 01-4177/4 VAN: VPR91418A	C6601	4 Pairs		2.6245/ 2.6250 66.662/ 66.675	2.7715/ 2.7720 70.396/ 70.409	1.2250 31.12	0.0725 1.842		
MB 561AM STD/010/015/020/030/040/060 FMO: 6476M GLA: M5226SA GLY: H1120/5 VAN: VPM91419A	M 765/1	3 Pairs	1-3-5	3.2490/ 3.2500 82.525/ 82.550	3.4175/ 3.4185 86.805/ 86.830	1.6050 40.77	0.0820 2.083		
	M 765/3	2 Pairs	2-4	3.2490/ 3.2500 82.525/ 82.550	3.4175/ 3.4185 86.805/ 86.830	1.1300 28.70	0.0820 2.083		
TW 217AM <i>Under Development</i> GLA: W2146SA GLY: A234/4 VAN: VPM95007	W 217	2 Pairs		3.5600/ 3.5700 90.424/ 90.678	4.2440/ 4.2490 107.798/107.925	0.0000 0.00	0.0920 2.337		
17	OEA			3400 cc	95.00 X 119.99	4 cyl		17	
	38T/TA, OEE	1962-67		3770 cc	100.00 X 119.99	4 cyl	4/60 Tractor, 10/60 Tractor		
CR 459AM GLA: B4174SA OEM: 8G2370 VAN: VPR582	C 459	4 Pairs		2.4360/ 2.4365 61.874/ 61.887	2.6395/ 2.6400 67.043/ 67.056	1.2560 31.90	0.1000 2.540		
MB5323AM CLE: MS- 808AL GLA: M5062SA OEM: 8G2366 VAN: VPM583A	M5323/1U M5323/1L	3 Pairs	1,3,5	3.0610/ 3.0615 77.749/ 77.762	3.3140/ 3.3150 84.176/ 84.201	1.6020 40.69	0.1250 3.175		
	M5323/2U M5323/2L	2 Pairs	2,4	3.0610/ 3.0615 77.749/ 77.762	3.3140/ 3.3150 84.176/ 84.201	1.1272 28.63	0.1250 3.175		
18	6/98 3748 Non-Turbo & Turbocharged			5650 cc	98.00 X 125.00	6 cyl	Boxer Series, Terrier Series, Tractors 285/485/2100/4100	18	
	6/98 DV NV			5650 cc	98.00 X 317.93	6 cyl	Boxer Terrier Series		
CR6601AM STD/010/020/030/040/050/060 FMO: 6-66305 GLA: B6409SA GLY: 01-4177/6 VAN: VPR91420A	C6601	6 Pairs		2.6245/ 2.6250 66.662/ 66.675	2.7715/ 2.7720 70.396/ 70.409	1.2250 31.12	0.0725 1.842		
MB 765AM STD/010/020/030/040/050/060 CLE: MS-1070AL FMO: 6442M GLA: M7255SA GLY: H1119/7 VAN: VPM91421A	M 765/1	4 Pairs	1-2-6-7	3.2495/ 3.2500 82.537/ 82.550	3.4175/ 3.4185 86.805/ 86.830	1.6050 40.77	0.0826 2.098		
	M 765/3	3 Pairs	3-4-5	3.2495/ 3.2500 82.537/ 82.550	3.4175/ 3.4185 86.805/ 86.830	1.1300 28.70	0.0826 2.098		
19	6/98 TV Turbocharged			5650 cc	98.00 X 317.93	6 cyl	Boxer Series	19	
TW 217AM <i>Under Development</i> GLA: W2146SA GLY: A234/4 VAN: VPM95007	W 217	2 Pairs		3.5600/ 3.5700 90.424/ 90.678	4.2440/ 4.2490 107.798/107.925	0.0000 0.00	0.0920 2.337		
20	51UD			5103 cc	95.00 X 119.99	6 cyl	5-7 Ton CN/FC Series 3/4, Boxer 1000,	20	

LEYLAND				LEYLAND			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
							FFK140/240/300/340/360, FJ950/1160, FJK100, FHK100, Laird 950/1000, Prime-mover 503/504/701/704, Terrier 650/850/950, WEK100, 830WF, 900FG
57J/57JC/57VD Diesel		5655 cc	100.00 X 304.80	6 cyl			830WF, FJ1200/1500/1800, FFK140/160/360, FJ1160/, FHK140/160, FJK140/160/360, Laird LR950/1000/1200/1300/, TA/16TF, Terrier TR950
CR6601AM STD/010/020/030/040/050/060 FMO:6-66305 GLA:B6409SA GLY:01-4177/6 VAN:VPR91420A	C6601	6 Pairs		2.6245/ 2.6250 66.662/ 66.675	2.7715/ 2.7720 70.396/ 70.409	1.2250 31.12	0.0725 1.842
MB 765AM STD/010/020/030/040/050/060 CLE:MS-1070AL FMO:6442M GLA:M7255SA GLY:H1119/7 VAN:VPM91421A	M 765/1	4 Pairs	1-2-6-7	3.2495/ 3.2500 82.537/ 82.550	3.4175/ 3.4185 86.805/ 86.830	1.6050 40.77	0.0826 2.098
	M 765/3	3 Pairs	3-4-5	3.2495/ 3.2500 82.537/ 82.550	3.4175/ 3.4185 86.805/ 86.830	1.1300 28.70	0.0826 2.098
TW 217AM <i>Under Development</i> GLA:W2146SA GLY:A234/4 VAN:VPW95007	W 217	2 Pairs		3.5600/ 3.5700 90.424/ 90.678	4.2440/ 4.2490 107.798/107.925	0.0000 0.00	0.0920 2.337
21	OEB		5103 cc	95.00 X 119.99	6 cyl		21
	OEJ		5655 cc	100.00 X 119.99	6 cyl		
CR 669AM GLA:B6060SA VAN:VPR584	C 459	6 Pairs		2.4360/ 2.4365 61.874/ 61.887	2.6395/ 2.6400 67.043/ 67.056	1.2560 31.90	0.1000 2.540
MB 725AM GLA:M7106SA VAN:VPM585	M5323/1U M5323/1L	3 Pairs	1,4,7	3.0610/ 3.0615 77.749/ 77.762	3.3140/ 3.3150 84.176/ 84.201	1.6020 40.69	0.1250 3.175
	M5323/2U M5323/2L	4 Pairs	2,3,5,6	3.0610/ 3.0615 77.749/ 77.762	3.3140/ 3.3150 84.176/ 84.201	1.1272 28.63	0.1250 3.175
22	3.354.2 Direct Injection		5800 cc	98.48 X 127.00	6 cyl	Boxer	22
CR 673AM STD/010/020/030/040/050/060 CLE:CB- 667AL (6) FMO:6-3135AP GLA:B6341SA GLY:71-4115/6 OEM:85043 VAN:VPR891A	C 673	6 Pairs		2.4990/ 2.4995 63.475/ 63.487	2.6460/ 2.6465 67.208/ 67.221	1.2550 31.88	0.0725 1.842
TW 208AM CLE:TW- 316S FMO:3137BFA GLA:W2157L GLY:A184/4 OEM:31137551 VAN:VPW95000	W 208D W 208E	2 Pairs		3.4200/ 3.4300 86.868/ 87.122	4.0880/ 4.0980 103.835/104.089	0.0000 0.00	0.0900 2.286
23	6.354.4		5800 cc	98.48 X 127.00	6 cyl	Boxer, Redline	23
CR 673AM STD/010/020/030/040/050/060 CLE:CB- 667AL (6) FMO:6-3135AP GLA:B6341SA GLY:71-4115/6 OEM:85043 VAN:VPR891A							
MB7002AM STD/010/020/030/040 <i>Same as MB7003CA, but with Al-alloy components only.</i> CLE:MS-1548AL FMO:7053M GLA:M7377SA GLY:H1124/7 OEM:68079 VAN:VPM91796A	M7002/1U M7002/1L	6 Pairs	1-2-3-5-6-7	2.9984/ 2.9992 76.159/ 76.180	3.1660/ 3.1670 80.416/ 80.442	1.2250 31.12	0.0819 2.080
	M7002/4U M7002/4L	1 Pair	4	2.9984/ 2.9992 76.159/ 76.180	3.1660/ 3.1670 80.416/ 80.442	1.4400 36.58	0.0819 2.080
MB7003CA STD/010/020/030/040/050/060 <i>Contains Al-alloy (positions 1-3, 5-7) and Copper-Lead (position 4) components.</i> GLA:M7377LC GLY:H1201/7 OEM:U5MB0007 VAN:VPM91796LC	M7002/1U M7002/1L	6 Pairs	1-2-3-5-6-7	2.9984/ 2.9999 76.159/ 76.197	3.1660/ 3.1670 80.416/ 80.442	1.2250 31.12	0.0819 2.080
	M7003/4U M7003/4L	1 Pair	4	2.9984/ 2.9999 76.159/ 76.197	3.1660/ 3.1670 80.416/ 80.442	1.4400 36.58	0.0819 2.080
TW 208AM CLE:TW- 316S FMO:3137BFA GLA:W2157L GLY:A184/4 OEM:31137551 VAN:VPW95000	W 208D W 208E	2 Pairs		3.4200/ 3.4300 86.868/ 87.122	4.0880/ 4.0980 103.835/104.089	0.0000 0.00	0.0900 2.286

LEYLAND				LEYLAND				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
24	0375 Direct Injection			6170 cc	104.18 X 120.65	6 cyl	Super Comet	24
CR 652CP STD/010/020/030/040/060 CLE: CB-1072P/692P (6) FMO: 6-2710CP GLA: B6470LB/B6471LB GLY: 71-1739/6 VAN: VPR91417 /VP379								
	MB 702CP STD/010/020/030/040 CLE: MS- 761P GLA: M7281SA VAN: VPM380	M 702/1	3 Pairs	1-4-7	3.0998/ 3.1005 78.735/ 78.753	3.2630/ 3.2640 82.880/ 82.906	1.6000 40.64	0.0803 2.040
		M 702/2	4 Pairs	2-3-5-6	3.0998/ 3.1005 78.735/ 78.753	3.2630/ 3.2640 82.880/ 82.906	1.0800 27.43	0.0803 2.040
25	0400 PP.MK1/2/3 Diesel Direct Injection			6540 cc	107.23 X 120.65	6 cyl	Chieftan, Clydesdale, Reiver, Super Comet MK I, MK II	25
	0410 Turbocharged			6540 cc	107.23 X 120.65	6 cyl	Super Clydesdale, Super Reiver	
	401/402 Horizontal & Vertical			6540 cc	107.23 X 120.65	6 cyl	399 Cu.in.	
	410/411/420 Turbocharged			6540 cc	107.23 X 120.65	6 cyl	Chieftain, Clydesdale, Constructor, Freighter, Reiver	
	CR 652AM STD/010/020/030/040 CLE: CB-1549AL (6) GLA: B6428SA GLY: 01-4366/6 VAN: VPR92534A	C 652	6 Pairs		2.3998/ 2.4005 60.955/ 60.973	2.5430/ 2.5435 64.592/ 64.605	1.3700 34.80	0.0704 1.788
	CR 652CP STD/010/020/030/040/060 CLE: CB-1072P/692P (6) FMO: 6-2710CP GLA: B6470LB/B6471LB GLY: 71-1739/6 VAN: VPR91417 /VP379							
	MB 713CP STD/010/020/040/060 GLA: M7715LC VAN: VPM860	M 713/1	3 Pairs	1-4-7	3.4993/ 3.5000 88.882/ 88.900	3.6630/ 3.6640 93.040/ 93.066	1.6000 40.64	0.0800 2.032
		M 713/2	4 Pairs	2-3-5-6	3.4993/ 3.5000 88.882/ 88.900	3.6630/ 3.6640 93.040/ 93.066	1.0800 27.43	0.0800 2.032
	PB 107CP GLA: S6581L VAN: VPS96090							
26	0500 Integral Head Direct Injection			8200 cc	118.00 X 125.00	6 cyl	Big 'J' Bison, Lynx	26
	0501/0502 Integral Head Turbocharged			8200 cc	118.00 X 125.00	6 cyl	Bison, Lynx, Octopus	
	0510/0511 Integral Head Turbocharged			8200 cc	118.00 X 124.99	6 cyl	Buffalo, National, Octopus	
	CR6657CP GLA: B6458LB VAN: VPR91538							
	MB7708CP .5/75/1.0 GLA: M7334LB VAN: VPM91539	M7708/1	3 Pairs	1-4-7	3.4998/ 3.5005 88.895/ 88.913	3.7490/ 3.7500 95.225/ 95.250	1.8551 47.12	0.1230 3.124
		M7708/2	4 Pairs	2-3-5-6	3.4998/ 3.5005 88.895/ 88.913	3.7490/ 3.7500 95.225/ 95.250	1.2740 32.36	0.1230 3.124
27	V8.510/AV8.510 Diesel Direct Injection			8360 cc	107.95 X 114.30	8 cyl	Mastiff	27
	CR 812AM STD/010/020/030 CLE: CB-1049AL (8) FMO: 8-8000RA GLA: B8087SA	C 812	8 Pairs		3.2480/ 3.2485 82.499/ 82.512	3.4160/ 3.4170 86.766/ 86.792	1.2550 31.88	0.0820 2.083
	MB5572AM CLE: MS-1207 FMO: 6669M GLA: M5250SA VAN: VPM91535A	M5572/1	3 Pairs	1-3-5	3.9967/ 3.9972 101.516/101.529	4.1850/ 4.1860 106.299/106.324	1.3800 35.05	0.0920 2.337
		M5572/2	2 Pairs	2-4	3.9967/ 3.9972 101.516/101.529	4.1850/ 4.1860 106.299/106.324	1.6300 41.40	0.0920 2.337
	TW 245AM STD FMO: 60946BFA GLA: W2159L VAN: VPM95201	W 245D W 245E	2 Pairs		2.8543/ 2.8642 72.499/ 72.751	3.3799/ 3.3898 85.849/ 86.101	0.0000 0.00	0.1236 3.139

LEYLAND				LEYLAND			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
28	V8.540 Direct Injection	8830 cc	107.95 X 120.70	8 cyl	Super Mastiff		28
CR 823AM FMO:8-7000RA GLA:B8100SA	C 823	8 Pairs		2.9980/ 2.9985 76.149/ 76.162	3.1660/ 3.1670 80.416/ 80.442	1.2500 31.75	0.0830 2.108
MB5572AM CLE:MS-1207 FMO:6669M GLA:M5250SA VAN:VPM91535A	M5572/1	3 Pairs	1-3-5	3.9967/ 3.9972 101.516/101.529	4.1850/ 4.1860 106.299/106.324	1.3800 35.05	0.0920 2.337
	M5572/2	2 Pairs	2-4	3.9967/ 3.9972 101.516/101.529	4.1850/ 4.1860 106.299/106.324	1.6300 41.40	0.0920 2.337
TW 212AM STD/010/015/020/.10/.15/.20 CLE:TW- 247S FMO:61904BF GLA:W2224L GLY:A199/4 VAN:VPW95035	W 212D W 212E	2 Pairs		2.4173/ 2.4272 61.399/ 61.651	2.8563/ 2.8661 72.550/ 72.799	0.0000 0.00	0.0929 2.360
29	0600 P.P.MK1/2 Direct Injection	9800 cc	121.94 X 139.70	6 cyl	Atlantean, Beaver, Hippo,, RD2, Royal Tiger, Steer, Tiger		29
	0680	11100 cc	127.02 X 146.05	6 cyl	11.1 Liter		
CR 651CP STD/010/020/030/040/050/060 CLE:CB- 696P(6) FMO:6-2095CP VAN:VPR377	C 651	6 Pairs		2.9998/ 3.0005 76.195/ 76.213	3.1428/ 3.1435 79.827/ 79.845	1.8700 47.50	0.0700 1.778
MB 701CP STD/010/020/030/040/060 <i>All halves has oil groove and one not centre hole.</i> CLE:MS- 715P FMO: 956M GLA:M7316LC VAN:VPM378	M 701/1	1 Pair	1	3.4993/ 3.5000 88.882/ 88.900	3.6630/ 3.6640 93.040/ 93.066	1.6600 42.16	0.0800 2.032
	M 701/2	4 Pairs	2-3-5-6	3.4993/ 3.5000 88.882/ 88.900	3.6630/ 3.6640 93.040/ 93.066	1.3400 34.04	0.0800 2.032
	M 701/4	2 Pairs	4-7	3.4993/ 3.5000 88.882/ 88.900	3.6630/ 3.6640 93.040/ 93.066	2.3400 59.44	0.0800 2.032
MB7010CP STD/010/020/030/040 <i>Set MB7010CP is .030" oversize housing of MB 701CP</i> VAN:VPM91447 O/S	M7010/1	1 Pair	1	3.4993/ 3.5000 88.882/ 88.900	3.6930/ 3.6940 93.802/ 93.828	1.6600 42.16	0.0952 2.418
	M7010/2	4 Pairs	2-3-5-6	3.4993/ 3.5000 88.882/ 88.900	3.6930/ 3.6940 93.802/ 93.828	1.3400 34.04	0.0952 2.418
	M7010/4	2 Pairs	4-7	3.4993/ 3.5000 88.882/ 88.900	3.6930/ 3.6940 93.802/ 93.828	2.3400 59.44	0.0952 2.418
PB 112CP GLA:S6504BR VAN:VPS96247							
30	0680 PP.MK1/2/3 Direct Injection	11100 cc	127.02 X 146.05	6 cyl	Olympic Series 2, Royal Tiger, Worldmaster		30
	TL11 Turbocharged	11100 cc	127.03 X 146.00	6 cyl	Bison, Buffalo, Constructor, Cruiser, Lynx, Octopus, Olympian, Routeman, Tiger		
CR 651CP STD/010/020/030/040/050/060 CLE:CB- 696P(6) FMO:6-2095CP VAN:VPR377	C 651	6 Pairs		2.9998/ 3.0005 76.195/ 76.213	3.1428/ 3.1435 79.827/ 79.845	1.8700 47.50	0.0700 1.778
31	680/4000,L11	11100 cc	127.02 X 145.99	6 cyl	Atlantean, Constructor, Leopard, National		31
CR6652CP STD/010/020/030/040 GLA:B6562LB VAN:VPR91864	C6652U C6652L	6 Pairs		2.9998/ 3.0005 76.195/ 76.213	3.1428/ 3.1435 79.827/ 79.845	1.8700 47.50	0.0700 1.778
MB7706CP STD/010/020/030/050/060 <i>4 plain bottom halves in positions 2,3,5,6. The others has oil groove and one not centre hole.</i> GLA:M7382LB VAN:VPM91795	M 701/1	1 Pair	1	3.4993/ 3.5000 88.882/ 88.900	3.6630/ 3.6640 93.040/ 93.066	1.6600 42.16	0.0802 2.037
	M 701/2 M7706	4 Pairs	2-3-5-6	3.4993/ 3.5000 88.882/ 88.900	3.6630/ 3.6640 93.040/ 93.066	1.3400 34.04	0.0802 2.037
	M 701/4	2 Pairs	4-7	3.4993/ 3.5000 88.882/ 88.900	3.6630/ 3.6640 93.040/ 93.066	2.3400 59.44	0.0802 2.037
MB7707CP STD/010/030/040 <i>Set MB7707CP is .030" oversize housing of MB7706CP</i> VAN:VPM91802 O/S	M7010/1	1 Pair	1	3.4993/ 3.5000 88.882/ 88.900	3.6930/ 3.6940 93.802/ 93.828	1.6600 42.16	0.0952 2.418
				3.4993/ 3.5000	3.6930/ 3.6940	1.3400	0.0952

LEYLAND				LEYLAND			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
	M7010/2 M7707	4 Pairs	2-3-5-6	88.882/ 88.900	93.802/ 93.828	34.04	2.418
	M7010/4	2 Pairs	4-7	3.4993/ 3.5000 88.882/ 88.900	3.6930/ 3.6940 93.802/ 93.828	2.3400 59.44	0.0952 2.418

Engine Index: LISTER

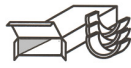




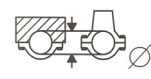


Engine-Code	Years	Cyl	CC	Line
TL2 TLS Diesel 2,3 Cyl		1	0	1
TS1,TS2,TS3 Diesel 12,3 Cyl		1	0	1
LT Diesel 1/2 Cyl		1	204	2
LP 1 Diesel Aircooled		1	218	3
LD1 Diesel Aircooled		1	403	5
LRA Diesel Aircooled		1	405	4
SL1 Diesel Aircooled		1	513	5
SR1 Diesel Aircooled		1	551	6
LD2 Diesel Aircooled		2	810	8
LR2 Diesel Aircooled		2	810	7
SL2 Diesel Aircooled		2	913	8
SR2 Diesel Aircooled		2	1103	9

Engine-Code	Years	Cyl	CC	Line
5/1 6/1 Diesel		1	1430	10
8/1 Diesel Watercooled		1	1430	10
SR3 Diesel Aircooled		3	1654	11
HA Diesel Aircooled		2	1825	12
ST1,ST2,ST3 D Diesel		1	1897	13
HRA/HRW Diesel Aircooled &		2	2090	15
10/2 12/2 D Diesel		2	2860	14
HRA/HRW Diesel Aircooled &		3	3140	15
HR/HRA/HRW D Diesel Aircooled		4	4180	16
HR/HRA/HRW D Diesel Aircooled		6	6270	16
HRS/HRSD D Diesel		6	6270	16

Car Model Index: LISTER






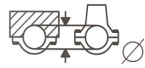


Model	Engine	Years	Cyl	CC	Line
0	SL1 Diesel	1961-67	1	513	5
1.1/2; 3.1/2 H.P.	LP 1 Diesel	1964-	1	218	3
24.7 Cu.ins	LRA Diesel	1949-	1	405	4
33.7 Cu.ins	SR1 Diesel	1961-	1	551	6

Model	Engine	Years	Cyl	CC	Line
49.5 Cu.ins.	LR2 Diesel	1949-	2	810	7
67.3 Cu.ins.	SR2 Diesel		2	1103	9
TS2 TS3	TS1,TS2,TS3	1984-	1		1

LISTER				LISTER				
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness	
1	TS1,TS2,TS3 Diesel 12,3 Cyl TL2 TLS Diesel 2,3 Cyl				1 cyl 1 cyl	TS2 TS3	1	
MB 118AM GLA: M1016LC OEM: 570-12990	GLY: 72-4555 VAN: VPM91576	M 118U M 118L	1 Pair		2.4990/ 2.4995 63.475/ 63.487	2.6455/ 2.6465 67.196/ 67.221	1.2500 31.75	0.0720 1.829
2	LT Diesel 1/2 Cyl Aircooled		204 cc	82.55 X 76.20	1 cyl		2	
CR 186CP _{STD/.25/.5/.75/1.0} <i>Under Development</i>		C 186	1 Pair		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.0000 0.000

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CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

LISTER				LISTER			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
MB 210CP <i>Under Development</i> GLA:M2104LC VAN:VPM91175LC GLY:H1229/2	M 210U* M 210L*	2 Pairs		2.1242/ 2.1247 53.955/ 53.967	2.2705/ 2.2715 57.671/ 57.696	1.0000 25.40	0.0720 1.829
3	LP 1 Diesel Aircooled		218 cc	69.85 X 57.15	1 cyl	1.1/2; 3.1/2 H.P.	3
CR 188AM GLA:B1068SA							
4	LRA Diesel Aircooled		405 cc	76.20 X 88.90	1 cyl	24.7 Cu.ins	4
CR 130CP STD/010/020/030/040 GLA:B1041LC	C 130	1 Pair		2.1245/ 2.1250 53.962/ 53.975	2.2705/ 2.2710 57.671/ 57.683	1.2550 31.88	0.0720 1.829
5	LD1 Diesel Aircooled		403 cc	76.20 X 88.90	1 cyl		5
	SL1 Diesel Aircooled		513 cc	80.96 X 88.90	1 cyl	0	
CR 130CP STD/010/020/030/040 GLA:B1041LC	C 130	1 Pair		2.1245/ 2.1250 53.962/ 53.975	2.2705/ 2.2710 57.671/ 57.683	1.2550 31.88	0.0720 1.829
MB 206BP							
6	SR1 Diesel Aircooled		551 cc	88.90 X 88.90	1 cyl	33.7 Cu.ins	6
CR 118CP STD/010/020/030/040/050/060	C 118	1 Pair		2.2480/ 2.2485 57.099/ 57.112	2.3945/ 2.3955 60.820/ 60.846	1.2550 31.88	0.0723 1.836
MB 208CP STD/010/020/030/040	M 208U M 208L	2 Pairs		2.2480/ 2.2485 57.099/ 57.112	2.3945/ 2.3955 60.820/ 60.846	1.7550 44.58	0.0720 1.829
7	LR2 Diesel Aircooled		810 cc	76.20 X 88.90	2 cyl	49.5 Cu.ins.	7
CR 215CP GLA:B2042LC	C 130	2 Pairs		2.1245/ 2.1250 53.962/ 53.975	2.2705/ 2.2710 57.671/ 57.683	1.2550 31.88	0.0720 1.829
MB 317CP GLA:M3362LC VAN:VPM92377LC	M 208U M 208L	2 Pairs	1,3	2.2480/ 2.2485 57.099/ 57.112	2.3945/ 2.3955 60.820/ 60.846	1.7550 44.58	0.0720 1.829
	M 109	1 Pair	2	2.2480/ 2.2485 57.099/ 57.112	2.3945/ 2.3955 60.820/ 60.846	1.2551 31.88	0.0720 1.829
8	LD2 Diesel Aircooled		810 cc	76.20 X 88.90	2 cyl		8
	SL2 Diesel Aircooled		913 cc	80.96 X 88.90	2 cyl		
CR 215CP GLA:B2042LC	C 130	2 Pairs		2.1245/ 2.1250 53.962/ 53.975	2.2705/ 2.2710 57.671/ 57.683	1.2550 31.88	0.0720 1.829
9	SR2 Diesel Aircooled		1103 cc	88.90 X 88.90	2 cyl	67.3 Cu.ins.	9
CR 216CP GLA:B2094LB VAN:VPR92318	C 118	2 Pairs		2.2480/ 2.2485 57.099/ 57.112	2.3945/ 2.3955 60.820/ 60.846	1.2550 31.88	0.0723 1.836
MB 317CP GLA:M3362LC VAN:VPM92377LC	M 208U M 208L	2 Pairs	1,3	2.2480/ 2.2485 57.099/ 57.112	2.3945/ 2.3955 60.820/ 60.846	1.7550 44.58	0.0720 1.829
	M 109	1 Pair	2	2.2480/ 2.2485 57.099/ 57.112	2.3945/ 2.3955 60.820/ 60.846	1.2551 31.88	0.0720 1.829
10	5/1 6/1 Diesel		1430 cc	114.30 X 139.70	1 cyl		10
	8/1 Diesel Watercooled		1430 cc	114.30 X 139.70	1 cyl		
CR 115AM STD/010/040 GLA:B1017M VAN:VPR821	F 115B F 115P	1 Pair		2.4975/ 2.4980 63.437/ 63.449	2.7495/ 2.7505 69.837/ 69.863	2.3760 60.35	0.1252 3.180
MB 209CP STD <i>Under Development</i> GLA:M2017M	B 209	2 Bushes		1.9975/ 1.9980 50.737/ 50.749	2.3740/ 2.3745 60.300/ 60.312	3.8800 98.55	0.1870 4.750
PB 104CP GLA:GS2971L							
11	SR3 Diesel Aircooled		1654 cc	88.90 X 88.90	3 cyl		11
CR 325CP GLA:B3051LB VAN:VPR92330	C 118	3 Pairs		2.2480/ 2.2485 57.099/ 57.112	2.3945/ 2.3955 60.820/ 60.846	1.2550 31.88	0.0723 1.836

LISTER				LISTER				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
MB4048CP GLA: M4227LC VAN: VPM92562LC	M 208U M 208L	2 Pairs	1,4	2.2480/ 2.2485 57.099/ 57.112	2.3945/ 2.3955 60.820/ 60.846	1.7550 44.58	0.0720 1.829	
	M 109	2 Pairs	2,3	2.2480/ 2.2485 57.099/ 57.112	2.3945/ 2.3955 60.820/ 60.846	1.2551 31.88	0.0720 1.829	
12	HA Diesel Aircooled		1825 cc	101.65 X 114.30	2 cyl		12	
CR 217AM								
13	STI,ST2,ST3 D Diesel 1,2,3 CYL Aircooled		1897 cc	95.25 X 88.90	1 cyl		13	
CR 129AM CLE: CB-1447AL (1) GLA: B1082LC OEM: 512271005 VAN: VPR91574	C 129	1 Pair		2.4995/ 2.5000 63.487/ 63.500	2.6460/ 2.6465 67.208/ 67.221	1.2500 31.75	0.0720 1.829	
MB 114AM STD/010/020/030/040 GLA: M1015LC GLY: 72-4554 OEM: 570-12970 VAN: VPM91575	M 114U M 114L	1 Pair		2.4990/ 2.4995 63.475/ 63.487	2.6455/ 2.6465 67.196/ 67.221	1.7500 44.45	0.0720 1.829	
MB 118AM GLA: M1016LC GLY: 72-4555 OEM: 570-12990 VAN: VPM91576	M 118U M 118L	1 Pair		2.4990/ 2.4995 63.475/ 63.487	2.6455/ 2.6465 67.196/ 67.221	1.2500 31.75	0.0720 1.829	
TW 205AM <i>Under Development</i> CLE: TW- 136S FMO: 65361BF GLA: W2152SA GLY: A031/4 VAN: VPW30	W 205D W 205E	2 Pairs		2.7150/ 2.7250 68.961/ 69.215	3.3700/ 3.3800 85.598/ 85.852	0.0000 0.00	0.0930 2.362	
14	10/2 12/2 D Diesel		2860 cc	114.30 X 139.70	2 cyl		14	
PB 104CP GLA: GS2971L								
15	HRA/HRW Diesel Aircooled & Watercooled		2090 cc	108.00 X 114.30	2 cyl		15	
	HRA/HRW Diesel Aircooled & Watercooled		3140 cc	108.00 X 114.30	3 cyl			
CR 135CP STD/010/020/030/040 CLE: CB-1505P (1) GLA: B1077LC VAN: VPR91542	C 135	1 Pair		2.7487/ 2.7492 69.817/ 69.830	2.9155/ 2.9160 74.054/ 74.066	1.4420 36.63	0.0820 2.083	
MB 122CP STD/010/020/030/040 <i>Upper half with oil groove and 2 oil holes. Locating lug - by the crown. Lower half - plain, without locating lug.</i> GLA: M1008LC VAN: VPM91544	M 122U M 122L	1 Pair		3.2490/ 3.2495 82.525/ 82.537	3.4160/ 3.4170 86.766/ 86.792	1.4420 36.63	0.0820 2.083	
MB 123CP STD/010/020/030/040 <i>Upper half with oil groove and 3 oil holes. Lower half - plain.</i> GLA: M1009LC VAN: VPM91543	M 123U M 123L	1 Pair		3.2490/ 3.2495 82.525/ 82.537	3.4160/ 3.4170 86.766/ 86.792	1.4420 36.63	0.0820 2.083	
16	HR/HRA/HRW D Diesel Aircooled & Watercooled		4180 cc	108.00 X 114.30	4 cyl		16	
	HR/HRA/HRW D Diesel Aircooled & Watercooled		6270 cc	108.00 X 114.30	6 cyl			
	HRS/HRSW D Diesel Supercharged Air & Watercooled		6270 cc	108.00 X 114.30	6 cyl			
CR 135CP STD/010/020/030/040 CLE: CB-1505P (1) GLA: B1077LC VAN: VPR91542	C 135	1 Pair		2.7487/ 2.7492 69.817/ 69.830	2.9155/ 2.9160 74.054/ 74.066	1.4420 36.63	0.0820 2.083	
MB 123CP STD/010/020/030/040 <i>Upper half with oil groove and 3 oil holes. Lower half - plain.</i> GLA: M1009LC VAN: VPM91543	M 123U M 123L	1 Pair		3.2490/ 3.2495 82.525/ 82.537	3.4160/ 3.4170 86.766/ 86.792	1.4420 36.63	0.0820 2.083	

Engine Index: LOMBARDINI

Engine-Code	Years	Cyl	CC	Line
500/2/3/5/7 D Diesel		1	262	1
520/2/3/5/7,530 Diesel		1	325	1
LDA 75 Diesel		1	353	2
LDA 80 Diesel		1	402	2
LDA 450/451 D Diesel		1	454	2
LDW 502 Focs		2	505	4
LDA 510 Diesel		1	510	2
LDA 90/91 Diesel		1	572	3
LDW 602 Focs		2	611	4
LDA 96/97 Diesel		1	638	3
LDA 100 Diesel		1	707	3
LDA 820 Diesel		1	817	3

Engine-Code	Years	Cyl	CC	Line
LDW 903 Focs		3	916	4
LDA 90/2 Diesel		2	1144	6
904 Diesel		2	1196	5
904L.20 Diesel		2	1332	5
LDA/LDAL 672 Diesel		2	1346	7
LDA/LDAL 832 Diesel		2	1648	8
LDA/LDAL 673 Diesel		3	2019	7
LDA 90/4 Diesel		4	2288	6
LDA/LDAL 833 Diesel		3	2472	8
LDA/LDAL 674 Diesel		4	2692	7
LDA/LDAL 834 Diesel		4	3296	8

Car Model Index: LOMBARDINI

Model	Engine	Years	Cyl	CC	Line
Agricultural	500/2/3/5/7 D		1	262	1
Agricultural	520/2/3/5/7,530		1	325	1
Agricultural	LDA 75 Diesel		1	353	2
Agricultural	LDA 80 Diesel		1	402	2
Agricultural	LDA 450/451 D		1	454	2
Agricultural	LDA 510 Diesel		1	510	2
Agricultural	LDA 90/91 Diesel		1	572	3
Agricultural	LDA 96/97 Diesel		1	638	3
Agricultural	LDA 100 Diesel		1	707	3
Agricultural	LDA 820 Diesel		1	817	3
Agricultural	LDA 90/2 Diesel		2	1144	6
Agricultural	LDA 90/4 Diesel		4	2288	6

Model	Engine	Years	Cyl	CC	Line
Agricultural	904 Diesel		2	1196	5
Agricultural	904L.20 Diesel		2	1332	5
Agricultural	LDA/LDAL 672		2	1346	7
Agricultural	LDA/LDAL 673		3	2019	7
Agricultural	LDA/LDAL 674		4	2692	7
Agricultural	LDA/LDAL 832		2	1648	8
Agricultural	LDA/LDAL 833		3	2472	8
Agricultural	LDA/LDAL 834		4	3296	8
Agricultural	LDW 502 Focs		2	505	4
Agricultural	LDW 602 Focs		2	611	4
Agricultural	LDW 903 Focs		3	916	4

LOMBARDINI				LOMBARDINI			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	500/2/3/5/7 D Diesel		262 cc	70.00 X 68.00	1 cyl	Agricultural	1
	520/2/3/5/7,530 Diesel		325 cc	78.00 X 68.00	1 cyl	Agricultural	
CR1009AM STD./25/.5/.75/1.00 CLE:CB- 38AL(1) FMO: 66420RA VAN:VPR92223A	C1009	1 Pair		1.5744/ 1.5748 39.990/ 40.000	1.7188/ 1.7193 43.658/ 43.670	0.8268 21.00	0.0710 1.803
2	LDA 75 Diesel		353 cc	75.00 X 80.00	1 cyl	Agricultural	2
	LDA 80 Diesel		402 cc	80.00 X 80.00	1 cyl	Agricultural	
	LDA 450/451 D Diesel		454 cc	85.00 X 80.00	1 cyl	Agricultural	
	LDA 510 Diesel		510 cc	85.00 X 90.00	1 cyl	Agricultural	
CR1010AM STD./25/.5/.75/1.0 CLE:CB- 35AL(1) FMO: 61830RA VAN:VPR92220A	C1010	1 Pair		1.6530/ 1.6535 41.986/ 41.999	1.7991/ 1.7996 45.697/ 45.710	1.0630 27.00	0.0723 1.836
3	LDA 90/91 Diesel		572 cc	90.00 X 90.00	1 cyl	Agricultural	3
	LDA 96/97 Diesel		638 cc	95.00 X 90.00	1 cyl	Agricultural	
	LDA 100 Diesel		707 cc	100.00 X 90.00	1 cyl	Agricultural	

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CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

LOMBARDINI				LOMBARDINI			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
LDA 820 Diesel		817 cc	102.00 X 100.00	1 cyl	Agricultural		
CR 179AM STD./25/.5/.75/1.0 CLE:CB- 110M(1) FMO: 61845RA VAN:VPR92221A	C 179	1 Pair		2.1787/ 2.1793 55.339/ 55.354	2.3258/ 2.3265 59.075/ 59.093	1.0630 27.00	0.0723 1.836
4	LDW 502 Focs	505 cc	72.00 X 62.00	2 cyl	Agricultural		4
	LDW 602 Focs	611 cc	72.00 X 75.00	2 cyl	Agricultural		
	LDW 903 Focs	916 cc	72.00 X 75.00	3 cyl	Agricultural		
CR1278SI	C1278	1 Pair		1.5740/ 1.5748 39.980/ 40.000	1.7185/ 1.7193 43.650/ 43.670	0.6490 16.48	0.0710 1.803
MB1182SI	M1182U M1182L	1 Pair		1.8890/ 1.8898 47.981/ 48.001	2.0465/ 2.0476 51.981/ 52.009	0.6630 16.84	0.0770 1.956
5	904 Diesel	1196 cc	90.00 X 94.00	2 cyl	Agricultural		5
	904L.20 Diesel	1332 cc	95.00 X 94.00	2 cyl	Agricultural		
MB1131AM STD./25/.5/.75/1.0 FMO:66473RA GLA:M1093SA VAN:VPM92234A	M1131	1 Pair		2.1787/ 2.1793 55.339/ 55.354	2.3257/ 2.3265 59.073/ 59.093	0.8268 21.00	0.0720 1.829
6	LDA 90/2 Diesel	1144 cc	90.00 X 90.00	2 cyl	Agricultural		6
	LDA 90/4 Diesel	2288 cc	90.00 X 90.00	4 cyl	Agricultural		
CR 179AM STD./25/.5/.75/1.0 CLE:CB- 110M(1) FMO: 61845RA VAN:VPR92221A	C 179	1 Pair		2.1787/ 2.1793 55.339/ 55.354	2.3258/ 2.3265 59.075/ 59.093	1.0630 27.00	0.0723 1.836
7	LDA/LDAL 672 Diesel	1346 cc	95.00 X 95.00	2 cyl	Agricultural		7
	LDA/LDAL 673 Diesel	2019 cc	95.00 X 95.00	3 cyl	Agricultural		
	LDA/LDAL 674 Diesel	2692 cc	95.00 X 95.00	4 cyl	Agricultural		
CR 179AM STD./25/.5/.75/1.0 CLE:CB- 110M(1) FMO: 61845RA VAN:VPR92221A	C 179	1 Pair		2.1787/ 2.1793 55.339/ 55.354	2.3258/ 2.3265 59.075/ 59.093	1.0630 27.00	0.0723 1.836
MB1129AM STD./25/.5/.75/1.0 FMO:61847RA GLA:M1102SA VAN:VPM92225A	M1129	1 Pair		2.3598/ 2.3602 59.939/ 59.949	2.5062/ 2.5067 63.657/ 63.670	1.0630 27.00	0.0720 1.829
8	LDA/LDAL 832 Diesel	1648 cc	100.00 X 105.00	2 cyl	Agricultural		8
	LDA/LDAL 833 Diesel	2472 cc	100.00 X 105.00	3 cyl	Agricultural		
	LDA/LDAL 834 Diesel	3296 cc	100.00 X 105.00	4 cyl	Agricultural		
CR 179AM STD./25/.5/.75/1.0 CLE:CB- 110M(1) FMO: 61845RA VAN:VPR92221A	C 179	1 Pair		2.1787/ 2.1793 55.339/ 55.354	2.3258/ 2.3265 59.075/ 59.093	1.0630 27.00	0.0723 1.836
MB1130AM STD./25/.5/.75/1.0 FMO:66427RA GLA:M1087SA VAN:VPM92227A	M1130	1 Pair		2.5575/ 2.5583 64.961/ 64.981	2.7055/ 2.7059 68.720/ 68.730	1.0236 26.00	0.0730 1.854

Engine Index: M.A.N.

Engine-Code	Years	Cyl	CC	Line
Eng. D 0824 Diesel		4	4578	1
D 0826	1989-	6	6867	2
D 0846	1967 -	6	7252	3
D 2555	1972 -	5	9199	4
D 2565	1977 -	5	9506	4
D 2865		5	9968	4
D2156 Diesel		6	10343	5
D2356 Diesel		6	10690	5

Engine-Code	Years	Cyl	CC	Line
D 2556	1972 -	6	11039	6
D 2566	1977 -	6	11407	6
D 2866		6	11961	6
D2538M/MF/ME D Diesel		8	12756	7
D 2538		8	12800	7
D 2876	1994 -	6	12810	6
D 2848 MF V		8	14600	7
D 2530		10	15900	8

Engine-Code	Years	Cyl	CC	Line
D2530MTE/MTXF Diesel		10	15945	8
D 2540		10	17400	8
D 2840 LF/MF V		10	18300	8

Engine-Code	Years	Cyl	CC	Line
D 2542		12	20900	9
D 2842 MF V		12	21900	9

Car Model Index: M.A.N.

Model	Engine	Years	Cyl	CC	Line
13.230, 9.216, 15.216	D2156 Diesel		6	10343	5
13.256, 16.256,	D2156 Diesel		6	10343	5
15.256, 16.256, 16.320,	D2538M/MF/ME D	1972-	8	12756	7
16.186	D2156 Diesel	1966-75	6	10343	5
16.215, 19.215,	D2156 Diesel	1966-75	6	10343	5
16.320, 19.320, 20.320,	D2530MTE/MTXF	1973-	10	15945	8
19.230, 22.230,	D2356 Diesel	1967-74	6	10690	5
19.390, 40.440	D 2540		10	17400	8
19.462, 24.462, 26.365,	D 2840 LF/MF V		10	18300	8
26.192, 30.192	D2156 Diesel	1966-75	6	10343	5
26.256, 26.320, 30.256,	D2538M/MF/ME D	1972-	8	12756	7






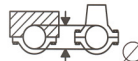


Model	Engine	Years	Cyl	CC	Line
26.320, 30.320, 32.320,	D2530MTE/MTXF	1973-	10	15945	8
32.365, 33.462, 40.365	D 2840 LF/MF V		10	18300	8
750, 890	D2156 Diesel	1966-75	6	10343	5
9.192, 12.192,	D2156 Diesel	1966-75	6	10343	5
9.215, 10.215,	D2156 Diesel	1966-75	6	10343	5
9.230, 10.230,	D2356 Diesel	1967-74	6	10690	5
Bus 230	D2356 Diesel	1967-74	6	10690	5
Industry Engine	D 2538		8	12800	7
Industry Engine	D 2530		10	15900	8
Industry Marine	D 2542	1974-	12	20900	9

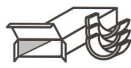




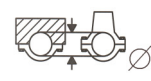


M.A.N.				M.A.N.			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	Eng. D 0824 Diesel GF/L/LF/LFL/LOH- Euro 1, LFL/ - LOH Euro 2 -		4578 cc	108.00 X 125.00	4 cyl		1
CR 447CP.5 GLY:71-3660/4	C 447	4 Pairs		2.5583/ 2.5591 64.981/ 65.001	2.7165/ 2.7173 68.999/ 69.019	1.2205 31.00	0.0782 1.986
MB5194CP <i>Under Development</i> -1989 Flange length: STD - 35.85 mm (FI STD) 0.25,0.5 - 36.35 mm (FI oversize 0.5mm) GLY:H 020/5	M5194U* M5194L*	4 Pairs		3.0307/ 3.0315 76.980/ 77.000	3.2283/ 3.2292 81.999/ 82.022	1.1024 28.00	0.0976 2.479
	F5194U* F5194L*	1 Pair		3.0307/ 3.0315 76.980/ 77.000	3.2283/ 3.2292 81.999/ 82.022	1.4114 35.85	0.0976 2.479
MB5200CP <i>Under Development</i> 1990- Flange length: STD - 33.85 mm (FI STD) 0.25,0.5 - 34.35 mm (FI oversize 0.5mm) 0.75,1.0 - 34.85 mm (FI oversize 1.0 mm) GLY:H 049/5 K.S:77 586 600	M5200U* M5200L*	4 Pairs		3.0307/ 3.0315 76.980/ 77.000	3.2283/ 3.2292 81.999/ 82.022	1.0236 26.00	0.0976 2.479
	F5200U* F5200L*	1 Pair		3.0307/ 3.0315 76.980/ 77.000	3.2283/ 3.2292 81.999/ 82.022	1.3327 33.85	0.0976 2.479
2	D 0826	1989-	6867 cc	108.00 X 125.00	6 cyl		2
CR 645CP GLY:71-3660/6 K.S:77 589 600	C 447	6 Pairs		2.5583/ 2.5591 64.981/ 65.001	2.7165/ 2.7173 68.999/ 69.019	1.2205 31.00	0.0782 1.986
MB 723CP <i>Under Development</i> - 1989 GLY:H 020/7	M5194U* M5194L*	6 Pairs		3.0307/ 3.0315 76.980/ 77.000	3.2283/ 3.2292 81.999/ 82.022	1.1024 28.00	0.0976 2.479
	F5194U* F5194L*	1 Pair		3.0307/ 3.0315 76.980/ 77.000	3.2283/ 3.2292 81.999/ 82.022	1.4114 35.85	0.0976 2.479
MB7060CP <i>Under Development</i> 1990 - GLY:H 049/7 K.S:77 587 600	M5200U* M5200L*	6 Pairs		3.0307/ 3.0315 76.980/ 77.000	3.2283/ 3.2292 81.999/ 82.022	1.0236 26.00	0.0976 2.479
	F5200U* F5200L*	1 Pair		3.0307/ 3.0315 76.980/ 77.000	3.2283/ 3.2292 81.999/ 82.022	1.3327 33.85	0.0976 2.479
3	D 0846	1967 -	7252 cc	106.00 X	6 cyl		3

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CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

M.A.N.					M.A.N.				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
132.00									
CR 638CP <i>Under Development</i> GLY: 71-2913/6 K.S: 87 709 600	C 638*	6 Pairs		2.7941/ 2.7949 70.970/ 70.990	2.9921/ 2.9929 75.999/ 76.020	1.2244 31.10	0.0974 2.474		
MB 784CP <i>Under Development</i> GLY: H 828/7 K.S: 87 708 600	M 784U* M 784L*	6 Pairs	1-3,5-7	3.3057/ 3.3066 83.965/ 83.988	3.5433/ 3.5442 90.000/ 90.023	1.2992 33.00	0.1173 2.979		
	F 784U* F 784L*	1 Pair	4	3.3057/ 3.3066 83.965/ 83.988	3.5433/ 3.5442 90.000/ 90.023	1.6870 42.85	0.1173 2.979		
4	D 2555	1972 -	9199 cc	125.00 X 150.00	5 cyl				4
	D 2565	1977 -	9506 cc	125.00 X 155.00	5 cyl				
	D 2865		9968 cc	128.00 X 155.00	5 cyl				
CR 504CP GLA: B5008LC K.S: 87 506 600 GLY: 71-3099/5	C6639	5 Pairs		3.5425/ 3.5433 89.980/ 90.000	3.7400/ 3.7410 94.996/ 95.021	1.4250 36.20	0.0976 2.479		
MB 603CP GLA: M6043LC K.S: 87 504 600 GLY: H 992/6	M 797U M 797L	5 Pairs		4.0937/ 4.0945 103.980/104.000	4.3702/ 4.3709 111.003/111.021	1.4170 35.99	0.1369 3.477		
	F 797U F 797L	1 Pair		4.0937/ 4.0945 103.980/104.000	4.3702/ 4.3709 111.003/111.021	1.8030 45.80	0.1369 3.477		
5	D2156 Diesel		10343 cc	121.00 X 150.00	6 cyl	13.230, 9.216, 15.216, 13.256, 16.256, 19.25622.256,, 16.186, 16.215, 19.215, 21.215,22.215, 26.192, 30.192, 750, 890, 9.192, 12.192, 15.192,16.192,, 9.215, 10.215, 12.215,13.215			5
	D2356 Diesel		10690 cc	123.00 X 150.00	6 cyl	19.230, 22.230, 26.230,30.230, 9.230, 10.230, 12.230,13.320, Bus 230			
CR6724CP CLE: CB-1052P (6) GLY: 71-2450/6 VAN: VPR92339 GLA: B6536LB K.S: 87 713 600	C6724	6 Pairs		3.2664/ 3.2672 82.967/ 82.987	3.5039/ 3.5048 88.999/ 89.022	1.2598 32.00	0.1170 2.972		
MB7037CP <i>Under Development</i> CLE: MS-1216P GLY: H 714/7 VAN: VPM92240 GLA: M7374LB K.S: 87 712 600	M7037U* M7037L*	6 Pairs	1-3,5-7	3.7782/ 3.7791 95.966/ 95.989	4.0157/ 4.0166 101.999/102.022	1.3780 35.00	0.1170 2.972		
	F7037U* F7037L*	1 Pair	4	3.7782/ 3.7791 95.966/ 95.989	4.0157/ 4.0166 101.999/102.022	1.9232 48.85	0.1170 2.972		
6	D 2556	1972 -	11039 cc	125.00 X 150.00	6 cyl				6
	D 2566	1977 -	11407 cc	125.00 X 155.00	6 cyl				
	D 2866		11961 cc	128.00 X 155.00	6 cyl				
	D 2876	1994 -	12810 cc	128.00 X 166.00	6 cyl				
CR 656CP <i>Under Development</i> <i>For eng. D2876</i> GLY: 71-3812/6	C 656*	6 Pairs		3.5425/ 3.5433 89.980/ 90.000	3.7402/ 3.7413 95.001/ 95.029	1.4252 36.20	0.0975 2.477		
CR6639CP <i>For 250 - 344 kW D 2866 engines.</i> GLA: B6537LC K.S: 87 505 600 GLY: 71-3637/6 VAN: VPR92815	C6639	6 Pairs		3.5425/ 3.5433 89.980/ 90.000	3.7401/ 3.7410 94.999/ 95.021	1.4250 36.20	0.0976 2.479		
MB 797CP GLA: M7375LC GLY: H 992/7	M 797U M 797L	6 Pairs		4.0937/ 4.0945 103.980/104.000	4.3702/ 4.3709 111.003/111.021	1.4170 35.99	0.1369 3.477		

M.A.N.				M.A.N.			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
K.S:87 405 600 VAN:VPM92814	F 797U F 797L	1 Pair		4.0937/ 4.0945 103.980/104.000	4.3702/ 4.3709 111.003/111.021	1.8030 45.80	0.1369 3.477
7	D2538M/MF/ME D Diesel	12756 cc	125.00 X 130.00	8 cyl	15.256, 16.256, 16.320, 19.256, 26.256, 26.320, 30.256, 30.320	7	
	D 2538	12800 cc	125.00 X 130.00	8 cyl	Industry Engine		
	D 2848 MF V	14600 cc	128.00 X 142.00	8 cyl			
CR1222CP CLE:CB-1032P(1) GLA:GS2966LB GLY:71-3009/1 K.S:78 692 600 VAN:VPR92181	C1222	1 Pair		3.5425/ 3.5433 89.980/ 90.000	3.7402/ 3.7410 95.001/ 95.021	1.2205 31.00	0.0974 2.474
CR1234CP <i>Under Development</i> <i>Air compressor</i> CLE:CB-1033P(1) GLA:B1159LC GLY:71-2965 VAN:VPR92185	C1234*	1 Pair		1.2582/ 1.2589 31.958/ 31.976	1.4173/ 1.4180 35.999/ 36.017	0.7480 19.00	0.0790 2.007
MB5064CP <i>regular /flanged components</i> GLA:GS2964/5LB(5) GLY:H 821/5 K.S:87 401 600 VAN:VPM92183/4(5)	M4038U M4038L	4 Pairs	2-5	4.0937/ 4.0945 103.980/104.000	4.3701/ 4.3709 111.001/111.021	1.2008 30.50	0.1367 3.472
	F4038U F4038L	1 Pair	1	4.0937/ 4.0945 103.980/104.000	4.3701/ 4.3709 111.001/111.021	1.4886 37.81	0.1367 3.472
8	D 2530	15900 cc	125.00 X 130.00	10 cyl	Industry Engine	8	
	D2530MTE/MTXF Diesel Turbocharged	15945 cc	125.00 X 130.00	10 cyl	16.320, 19.320, 20.320, 22.320, 26.320, 30.320, 32.320, 40.320		
	D 2540	17400 cc	125.00 X 142.00	10 cyl	19.390, 40.440		
	D 2840 LF/MF V	18300 cc	128.00 X 142.00	10 cyl	19.462, 24.462, 26.365, 26.462, 32.365, 33.462, 40.365		
CR1222CP <i>10 prs required</i> CLE:CB-1032P(1) GLA:GS2966LB GLY:71-3009/1 K.S:78 692 600 VAN:VPR92181	C1222	1 Pair		3.5425/ 3.5433 89.980/ 90.000	3.7402/ 3.7410 95.001/ 95.021	1.2205 31.00	0.0974 2.474
CR1234CP <i>Under Development</i> CLE:CB-1033P(1) GLA:B1159LC GLY:71-2965 VAN:VPR92185	C1234*	1 Pair		1.2582/ 1.2589 31.958/ 31.976	1.4173/ 1.4180 35.999/ 36.017	0.7480 19.00	0.0790 2.007
MB 613CP <i>regular /flanged components</i> GLA:GS2964/5LB(6) GLY:H 821/6 K.S:87 399 600 VAN:VPM92183/4(6)	M4038U M4038L	5 Pairs	2-6	4.0937/ 4.0945 103.980/104.000	4.3701/ 4.3709 111.001/111.021	1.2008 30.50	0.1367 3.472
	F4038U F4038L	1 Pair	1	4.0937/ 4.0945 103.980/104.000	4.3701/ 4.3709 111.001/111.021	1.4886 37.81	0.1367 3.472
9	D 2542	20900 cc	125.00 X 142.00	12 cyl	Industry Marine	9	
	D 2842 MF V	21900 cc	125.00 X 142.00	12 cyl			
CR1222CP <i>12 prs required</i> CLE:CB-1032P(1) GLA:GS2966LB GLY:71-3009/1 K.S:78 692 600 VAN:VPR92181	C1222	1 Pair		3.5425/ 3.5433 89.980/ 90.000	3.7402/ 3.7410 95.001/ 95.021	1.2205 31.00	0.0974 2.474
CR1234CP <i>Under Development</i> CLE:CB-1033P(1) GLA:B1159LC GLY:71-2965 VAN:VPR92185	C1234*	1 Pair		1.2582/ 1.2589 31.958/ 31.976	1.4173/ 1.4180 35.999/ 36.017	0.7480 19.00	0.0790 2.007
MB7033CP <i>regular /flanged components</i> GLA:GS2964/5LB(7) GLY:H 821/7 K.S:87 397 600 VAN:VPM92183/4(7)	M4038U M4038L	6 Pairs	2-6	4.0937/ 4.0945 103.980/104.000	4.3701/ 4.3709 111.001/111.021	1.2008 30.50	0.1367 3.472
	F4038U	1 Pair	1	4.0937/ 4.0945 103.980/104.000	4.3701/ 4.3709 111.001/111.021	1.4886 37.81	0.1367 3.472

M.A.N.				M.A.N.				
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
	F4038L							

Engine Index: M.G.

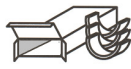




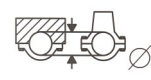


Engine-Code	Years	Cyl	CC	Line
A SERIES		4	998	1
A SERIES		4	1098	1
10 H.P.		4	1250	2
A SERIES		4	1275	3
A SERIES		4	1275	3
A SERIES		4	1275	4
A+ SERIES		4	1275	5
A+ TURBO		4	1275	6
B SERIES		4	1489	7
B SERIES		4	1489	7
1493		4	1493	8

Engine-Code	Years	Cyl	CC	Line
1493i		4	1493	8
R SERIES O.H.C		4	1598	9
S SERIES O.H.C Carburettor		4	1598	9
B SERIES		4	1622	10
B SERIES		4	1798	11
B SERIES 1798CC Overbored		4	1892	11
O SERIES Fuel Injection		4	1994	12
O SERIES Turbocharged		4	1994	13
C SERIES		6	2912	14
3528		8	3528	15

Car Model Index: M.G.

Model	Engine	Years	Cyl	CC	Line
1300 Mk I, II	A SERIES	1968-72	4	1275	3
1300 Mk I, II	A SERIES	1968-72	4	1275	3
MGA 1600 Mk II	B SERIES	1961-61	4	1622	10
MGB 1800	B SERIES	1963-80	4	1798	11
MGB 1800	B SERIES 1798CC	1963-	4	1892	11
MGB GT	B SERIES	1966-80	4	1798	11
MGB GT V8	3528	1974-76	8	3528	15
MGC MGC GT	C SERIES	1968-70	6	2912	14
Maestro	R SERIES O.H.C	1982-84	4	1598	9
Maestro 2.0 Turbo	O SERIES	1989-	4	1994	13
Maestro 2.0EFi	O SERIES Fuel	1984-	4	1994	12
Magnette	B SERIES	1954-61	4	1489	7
Magnette Mk IV	B SERIES	1962-68	4	1622	10
Magnette Series	B SERIES	1954-61	4	1489	7

Model	Engine	Years	Cyl	CC	Line
Metro 1300	A+ SERIES	1982-	4	1275	5
Metro Turbo	A+ TURBO	1982-	4	1275	6
Midget 1000	A SERIES	1963-66	4	998	1
Midget 1100	A SERIES	1963-66	4	1098	1
Midget 1500 (USA Only)	1493	1975-80	4	1493	8
Midget Mk II	A SERIES	1967-73	4	1275	3
Midget Mk III	A SERIES	1967-73	4	1275	3
Midget Mk III	A SERIES	1967-73	4	1275	4
Midget Mk III	1493i	1975-80	4	1493	8
Montego 2.0 Turbo	O SERIES	1984-	4	1994	13
Only Maestro 1.6	S SERIES O.H.C	1984	4	1598	9
Series	10 H.P.	1939-54	4	1250	2

M.G.				M.G.				
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
1	A SERIES		998 cc	64.57 X 76.20	4 cyl	Midget 1000	1	
	A SERIES		1098 cc	64.57 X 83.72	4 cyl	Midget 1100		
CR 417AM <i>With hole</i> ACL: 4B2201	STD/010/020/030/040/050/060 CLE: CB- 488AL (4)	C 417	4 Pairs	1.6254/ 1.6259 41.285/ 41.298	1.7705/ 1.7710 44.971/ 44.983	0.8800 22.35	0.0719 1.826	

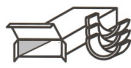




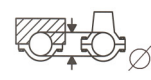


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CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

M.G.		M.G.						
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
FMO:4-2965CP GLY:01-4313/4	GLA:B4302SA VAN:VPR572A							
CS 319BB CLE:SH- 84S GLA:C3046S VAN:VPC956	FMO:1543M GLY:N162/3	S 319/1	1	1	1.6645/ 1.6650 42.278/ 42.291	1.7955/ 1.7965 45.606/ 45.631	1.1300 28.70	0.0620 1.575
		S 319/2	1	2	1.6227/ 1.6232 41.217/ 41.229	1.7535/ 1.7540 44.539/ 44.552	0.7550 19.18	0.0620 1.575
		S 319/3	1	3	1.3727/ 1.3732 34.867/ 34.879	1.5035/ 1.5043 38.189/ 38.209	0.5350 13.59	0.0620 1.575
CS 320BB 1964-66 CLE:SH- 85S GLY:N181/3	GLA:C3063S VAN:VPC989							
MB 321AM STD/010/020/030/040/050/060 1963-64 <i>Upper and lower half with groove and oil hole.</i> ACL:3M2203 FMO:4770M GLY:H1117/3	CLE:MS- 812AL GLA:M3314LC VAN:VPM733A	M 321	3 Pairs		1.7505/ 1.7510 44.463/ 44.475	1.8960/ 1.8965 48.158/ 48.171	1.0670 27.10	0.0721 1.831
MB 328AM STD/010/020/030/040/050/060 1964-66 <i>All 8 halves - with oil hole and groove.</i> ACL:3M2204 FMO:6117M GLY:H1187/3	CLE:MS- 913AL GLA:M3337SA VAN:VPM91120A	M 328	3 Pairs		2.0005/ 2.0010 50.813/ 50.825	2.1460/ 2.1465 54.508/ 54.521	0.9850 25.02	0.0720 1.829
TW 206CP 1963-64 ACL:2T2203 FMO:2966BF GLY:A004/4	CLE:TW- 147S GLA:W2122L VAN:VPW81	W 206/D W 206/E	2 Pairs		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.0000 0.000
TW 215CP 1964-66 ACL:2T2204 FMO:2966BFA GLY:A006/4	CLE:TW- 168S GLA:W2136L VAN:VPW41	W 215/D W 215/E	2 Pairs		2.2150/ 2.2250 56.261/ 56.515	2.9950/ 3.0050 76.073/ 76.327	0.0000 0.00	0.0930 2.362
2	10 H.P.			1250 cc	66.50 X 90.00	4 cyl	Series TB,TC,TD,TF,Y,YAYB	2
CR 475AM STD/010/020/030/040/050/060 1953-54 VAN:VPR383		C 475	4 Pairs		1.7703/ 1.7710 44.966/ 44.983	1.9157/ 1.9162 48.659/ 48.671	0.8840 22.45	0.0721 1.831
3	A SERIES			1275 cc	70.61 X 81.33	4 cyl	1300 Mk I, II, Midget Mk II	3
	A SERIES			1275 cc	70.61 X 81.33	4 cyl	1300 Mk I, II, Midget Mk III	
CR441AM STD/010/020/030/040/050/060 <i>Without hole</i> ACL:4B2206 FMO:4-65905RA GLY:01-4331/4	CLE:CB- 931AL (4) GLA:B4484SA VAN:VPR91306A	C4441	4 Pairs		1.7504/ 1.7509 44.460/ 44.473	1.8955/ 1.8960 48.146/ 48.158	0.8500 21.59	0.0718 1.824
CS 320BB CLE:SH- 85S GLY:N181/3	GLA:C3063S VAN:VPC989							
MB 328AM STD/010/020/030/040/050/060 <i>All 8 halves - with oil hole and groove.</i> ACL:3M2204 FMO:6117M GLY:H1187/3	CLE:MS- 913AL GLA:M3337SA VAN:VPM91120A	M 328	3 Pairs		2.0005/ 2.0010 50.813/ 50.825	2.1460/ 2.1465 54.508/ 54.521	0.9850 25.02	0.0720 1.829
TW 215CP ACL:2T2204 FMO:2966BFA GLY:A006/4	CLE:TW- 168S GLA:W2136L VAN:VPW41	W 215/D W 215/E	2 Pairs		2.2150/ 2.2250 56.261/ 56.515	2.9950/ 3.0050 76.073/ 76.327	0.0000 0.00	0.0930 2.362
4	A SERIES			1275 cc	70.61 X 81.28	4 cyl	Midget Mk III	4
CR 417AM STD/010/020/030/040/050/060 <i>With hole</i> ACL:4B2201 FMO:4-2965CP GLY:01-4313/4	CLE:CB- 488AL (4) GLA:B4302SA VAN:VPR572A	C 417	4 Pairs		1.6254/ 1.6259 41.285/ 41.298	1.7705/ 1.7710 44.971/ 44.983	0.8800 22.35	0.0719 1.826
CS 320BB CLE:SH- 85S GLY:N181/3	GLA:C3063S VAN:VPC989							

M.G.				M.G.				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
MB 328AM STD/010/020/030/040/050/060 <i>All 8 halves - with oil hole and groove.</i> ACL: 3M2204 CLE: MS- 913AL FMO: 6117M GLA: M3337SA GLY: H1187/3 VAN: VPM91120A	M 328	3 Pairs		2.0005/ 2.0010 50.813/ 50.825	2.1460/ 2.1465 54.508/ 54.521	0.9850 25.02	0.0720 1.829	
5	A+ SERIES		1275 cc	70.61 X 81.28	4 cyl	Metro 1300	5	
CR4441AM STD/010/020/030/040/050/060 <i>Without hole</i> ACL: 4B2206 CLE: CB- 931AL (4) FMO: 4-65905RA GLA: B4484SA GLY: 01-4331/4 VAN: VPR91306A	C4441	4 Pairs		1.7504/ 1.7509 44.460/ 44.473	1.8955/ 1.8960 48.146/ 48.158	0.8500 21.59	0.0718 1.824	
CS 320BB CLE: SH- 85S GLA: C3063S GLY: N181/3 VAN: VPC989								
MB 313AM STD/010/020/030/040 <i>1983- Upper halves - with oil hole and groove, lower halves - plain.</i> CLE: MS-1600AL GLA: M3424SA GLY: H1183/3 VAN: VPM91886A	M 328 M 313	3 Pairs		2.0005/ 2.0010 50.813/ 50.825	2.1460/ 2.1465 54.508/ 54.521	0.9850 25.02	0.0720 1.829	
MB 328AM STD/010/020/030/040/050/060 <i>1982-83 All 8 halves - with oil hole and groove.</i> ACL: 3M2204 CLE: MS- 913AL FMO: 6117M GLA: M3337SA GLY: H1187/3 VAN: VPM91120A	M 328	3 Pairs		2.0005/ 2.0010 50.813/ 50.825	2.1460/ 2.1465 54.508/ 54.521	0.9850 25.02	0.0720 1.829	
TW 215CP ACL: 2T2204 CLE: TW- 168S FMO: 2966BFA GLA: W2136L GLY: A006/4 VAN: VPW41	W 215/D W 215/E	2 Pairs		2.2150/ 2.2250 56.261/ 56.515	2.9950/ 3.0050 76.073/ 76.327	0.0000 0.00	0.0930 2.362	
6	A+ TURBO		1275 cc	70.61 X 81.28	4 cyl	Metro Turbo	6	
CS 320BB CLE: SH- 85S GLA: C3063S GLY: N181/3 VAN: VPC989								
MB 313AM STD/010/020/030/040 <i>Recommended maximum undersize is .010in Upper halves - with oil hole and groove, lower halves - plain.</i> CLE: MS-1600AL GLA: M3424SA GLY: H1183/3 VAN: VPM91886A	M 328 M 313	3 Pairs		2.0005/ 2.0010 50.813/ 50.825	2.1460/ 2.1465 54.508/ 54.521	0.9850 25.02	0.0720 1.829	
TW 215CP ACL: 2T2204 CLE: TW- 168S FMO: 2966BFA GLA: W2136L GLY: A006/4 VAN: VPW41	W 215/D W 215/E	2 Pairs		2.2150/ 2.2250 56.261/ 56.515	2.9950/ 3.0050 76.073/ 76.327	0.0000 0.00	0.0930 2.362	
7	B SERIES		1489 cc	73.03 X 88.88	4 cyl	Magnette	7	
	B SERIES		1489 cc	73.03 X 88.98	4 cyl	Magnette Series ZA, MkII, III,		
CR 420AM STD/010/020/030/040/060 ACL: 4B1891 CLE: CB- 487AL (4) FMO: 4-2055CP GLA: B4357SA GLY: 71-4254/4 VAN: VPR245	C 420	4 Pairs		1.8759/ 1.8764 47.648/ 47.661	2.0210/ 2.0215 51.333/ 51.346	1.0050 25.53	0.0720 1.829	
CS 304BB CLE: SH- 481S DUR: DA-2 FMO: 1307M GLA: C3023S GLY: N160/3 VAN: VPC908								
8	1493		1493 cc	73.65 X 87.62	4 cyl	Midget 1500 (USA Only)	8	
	1493i		1493 cc	73.70 X 87.50	4 cyl	Midget Mk III		
CR 448AM STD/010/020/030/040/050/060 ACL: 4B2406 CLE: CB- 982AL (4) FMO: 4-65935RA GLA: B4511SA VAN: VPR91611	C 448	4 Pairs		1.8750/ 1.8755 47.625/ 47.638	2.0210/ 2.0215 51.333/ 51.346	0.6920 17.58	0.0720 1.829	
MB 341AM STD/010/020/030/040/050/060 ACL: 3M2407 CLE: MS-1109AL FMO: 6396M GLA: M3385SA VAN: VPM91612	M 341	3 Pairs		2.3110/ 2.3115 58.699/ 58.712	2.4570/ 2.4575 62.408/ 62.421	0.8550 21.72	0.0720 1.829	
TW 109AM ACL: 1T2407 CLE: TW- 229S FMO: 65931AF GLA: W2171S GLY: A267/4 VAN: VPW12								

M.G.		M.G.						
King Set No.		Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
9	R SERIES O.H.C		1598 cc	76.20 X 87.60	4 cyl	Maestro		9
	S SERIES O.H.C Carburettor		1598 cc	76.20 X 87.60	4 cyl	Only Maestro 1.6		
	CR4011AM STD/010/020/030/040/060 CLE:CB-1010AL (4) GLA:B4500SA VAN:VPR91427A	C4011	4 Pairs		1.8759/ 1.8764 47.648/ 47.661	2.0210/ 2.0215 51.333/ 51.346	0.6650 16.89	0.0718 1.824
	MB5552AM STD/010/020/030/040 CLE:MS-1360AL GLA:M5309SA VAN:VPM91517A	M5552/1	4 Pairs	1-2-3-5	2.2515/ 2.2520 57.188/ 57.201	2.3950/ 2.3955 60.833/ 60.846	0.8210 20.85	0.0710 1.803
		M5552/4	1 Pair	4	2.2515/ 2.2520 57.188/ 57.201	2.3950/ 2.3955 60.833/ 60.846	0.8210 20.85	0.0700 1.778
	TW 233AM GLA:W2228SA VAN:VPW95044							
10	B SERIES		1622 cc	76.19 X 88.90	4 cyl	MGA 1600 Mk II, Magnette Mk IV		10
	CR 420AM STD/010/020/030/040/060 ACL:4B1891 CLE:CB- 487AL (4) FMO:4-2055CP GLA:B4357SA GLY:71-4254/4 VAN:VPR245	C 420	4 Pairs		1.8759/ 1.8764 47.648/ 47.661	2.0210/ 2.0215 51.333/ 51.346	1.0050 25.53	0.0720 1.829
	CS 304BB CLE:SH- 481S DUR:DA-2 FMO:1307M GLA:C3023S GLY:N160/3 VAN:VPC908							
	MB 347AM STD/010/020/030/040/060 ACL:3M2215 CLE:MS-1055AL FMO:6704M GLA:M3297SA GLY:H1140/3 NDC:MS-1034 OEM:1223113200 VAN:VPM817	M 347	3 Pairs		2.0005/ 2.0010 50.813/ 50.825	2.1460/ 2.1465 54.508/ 54.521	1.2250 31.12	0.0720 1.829
11	B SERIES		1798 cc	80.25 X 88.90	4 cyl	MGB 1800, MGB GT		11
	B SERIES 1798CC Overbored		1892 cc	82.28 X 88.90	4 cyl	MGB 1800		
	CR4403AM STD/010/020/030/040/060 ACL:4B2250 CLE:CB- 792P (4) FMO:4-65385CP GLA:B4512LC GLY:71-4336/4 VAN:VPR91173	C4403	4 Pairs		1.8759/ 1.8764 47.648/ 47.661	2.0210/ 2.0215 51.333/ 51.346	0.7850 19.94	0.0719 1.826
	CR4403CP STD/010/020							
	CS 304BB CLE:SH- 481S DUR:DA-2 FMO:1307M GLA:C3023S GLY:N160/3 VAN:VPC908							
	MB 520AM STD/010/020/030/040/060 ACL:5M2255 CLE:MS- 914AL FMO:6033M GLA:M5207SA GLY:H1144/5 VAN:VPM91166	M 520/1	3 Pairs	1-3-5	2.1265/ 2.1270 54.013/ 54.026	2.2710/ 2.2715 57.683/ 57.696	1.1300 28.70	0.0715 1.816
		M 520/2	2 Pairs	2-4	2.1265/ 2.1270 54.013/ 54.026	2.2710/ 2.2715 57.683/ 57.696	0.7700 19.56	0.0715 1.816
	TW 216AM.25 ACL:2T2252 CLE:TW- 144S FMO:65077BF GLA:W2115SA GLY:A233/4 VAN:VPW77	W 216D W 216E	2 Pairs		2.3400/ 2.3500 59.436/ 59.690	2.9330/ 2.9430 74.498/ 74.752	0.0000 0.00	0.0930 2.362
12	O SERIES Fuel Injection		1994 cc	84.44 X 89.00	4 cyl	Maestro 2.0EFI		12
	CR4064AM STD/010/020 CLE:CB-1345AL (4) GLA:B4584SA GLY:4-8180RA VAN:VPR91772A	C4064	4 Pairs		1.8759/ 1.8764 47.648/ 47.661	2.0210/ 2.0215 51.333/ 51.346	0.7850 19.94	0.0716 1.819
	MB5594AM STD/010/020/030 CLE:MS-1655AL GLA:M5361SA GLY:H1150/5 VAN:VPM91773A	M5594/1	3 Pairs	1-3-5	2.1265/ 2.1270 54.013/ 54.026	2.2710/ 2.2715 57.683/ 57.696	1.1300 28.70	0.0716 1.819
		M5594/2	2 Pairs	2-4	2.1265/ 2.1270 54.013/ 54.026	2.2710/ 2.2715 57.683/ 57.696	0.7701 19.56	0.0716 1.819
	TW 216AM.25 ACL:2T2252 CLE:TW- 144S FMO:65077BF GLA:W2115SA GLY:A233/4 VAN:VPW77	W 216D W 216E	2 Pairs		2.3400/ 2.3500 59.436/ 59.690	2.9330/ 2.9430 74.498/ 74.752	0.0000 0.00	0.0930 2.362
13	O SERIES Turbocharged		1994 cc	84.44 X 89.00	4 cyl	Maestro 2.0 Turbo, Montego 2.0 Turbo		13

M.G.				M.G.				
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
MB5594AM STD/010/020/030 CLE:MS-1655AL GLA:M5361SA GLY:H1150/5 VAN:VPM91773A	M5594/1	3 Pairs	1-3-5	2.1265/ 2.1270 54.013/ 54.026	2.2710/ 2.2715 57.683/ 57.696	1.1300 28.70	0.0716 1.819	
	M5594/2	2 Pairs	2-4	2.1265/ 2.1270 54.013/ 54.026	2.2710/ 2.2715 57.683/ 57.696	0.7701 19.56	0.0716 1.819	
TW 216AM .25 ACL:2T2252 CLE:TW- 144S FMO:65077BF GLA:W2115SA GLY:A233/4 VAN:VPW77	W 216D W 216E	2 Pairs		2.3400/ 2.3500 59.436/ 59.690	2.9330/ 2.9430 74.498/ 74.752	0.0000 0.00	0.0930 2.362	
14	C SERIES			2912 cc	83.33 X 88.90	6 cyl	MGC MGC GT	14
CR6626AM STD/010/020/030 GLA:B6445SA	C6626	6 Pairs		2.0000/ 2.0005 50.800/ 50.813	2.1140/ 2.1145 53.696/ 53.708	0.9020 22.91	0.0563 1.430	
MB 789AM STD/010/020/030/040 GLA:M7289SA	M 789/1	5 Pairs		2.3742/ 2.3747 60.305/ 60.317	2.5210/ 2.5215 64.033/ 64.046	0.9520 24.18	0.0728 1.849	
	M 789/4	2 Pairs		2.3742/ 2.3747 60.305/ 60.317	2.5210/ 2.5215 64.033/ 64.046	1.0700 27.18	0.0728 1.849	
15	3528			3528 cc	88.86 X 71.12	8 cyl	MGB GT V8	15
CR8006AM STD/010/020/030/040/050/060 OEM:RTC2117G VAN:VPR91242	C8006	8 Pairs		1.9995/ 2.0005 50.787/ 50.813	2.1247/ 2.1252 53.967/ 53.980	0.7020 17.83	0.0620 1.575	
MB 589AM STD/010/020/030/040 ACL:5M2217 CLE:MS- 558AL FMO:4096M GLA:M5260SA GLY:H1189/5	M 589U M 589L	4 Pairs	1-2-4-5	2.2983/ 2.2993 58.377/ 58.402	2.4906/ 2.4916 63.261/ 63.287	0.8070 20.50	0.0955 2.426	
	F 589U F 589L	1 Pair	3	2.2987/ 2.2997 58.387/ 58.412	2.4906/ 2.4916 63.261/ 63.287	1.0580 26.87	0.0955 2.426	

Engine Index: MACK






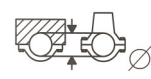


Engine-Code	Years	Cyl	CC	Line
672 OHV Diesel		6	672	1
707 OHV Diesel		6	707	1

Engine-Code	Years	Cyl	CC	Line

Car Model Index: MACK

Model	Engine	Years	Cyl	CC	Line
EN,END,ENDM,ENDS,	672 OHV Diesel		6	672	1

Model	Engine	Years	Cyl	CC	Line

MACK				MACK				
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
1	672 OHV Diesel			672 cc	4.88 X 6.00	6 cyl	EN,END,ENDM,ENDS,END T	1
	707 OHV Diesel			707 cc	5.00 X 6.00	6 cyl		

MACK		MACK						
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
CR 670CP CLE:CB- 599P(6) FMO:6-1755CPA GLA:B6527LC VAN:VPR91540	C 670	6 Pairs		2.9970/ 2.9980 76.124/ 76.149	3.1795/ 3.1800 80.759/ 80.772	1.6000 40.64	0.0902 2.291	
MB 724CP CLE:MS- 954P FMO:4944M GLA:M7367LC VAN:VPM91541	M 724/1U M 724/1L	1 Pair	1	3.9980/ 3.9990 101.549/101.575	4.2510/ 4.2520 107.975/108.001	1.4700 37.34	0.1250 3.175	
	M 724/2U M 724/2L	4 Pairs	2-3-5-6	3.9980/ 3.9990 101.549/101.575	4.2510/ 4.2520 107.975/108.001	1.2500 31.75	0.1250 3.175	
	M 724/4U M 724/4L	1 Pair	4	3.9980/ 3.9990 101.549/101.575	4.2510/ 4.2520 107.975/108.001	2.1880 55.58	0.1250 3.175	
	M 724/7U M 724/7L	1 Pair	7	3.9980/ 3.9990 101.549/101.575	4.2510/ 4.2520 107.975/108.001	2.0930 53.16	0.1250 3.175	

Engine Index: MAZDA

Engine-Code	Years	Cyl	CC	Line
PC L4 60CI /1.0Liter, OHV, 8	01/1970-	4	985	2
PB L4 /1.0Liter, OHV, 8 Valves,	01/1967-	4	987	1
E1 L4 65CI /1.1Liter, SOHC, 8	05/1980-	4	1071	3
B1 L4 70CI /1.1Liter, SOHC, 8	10/1985-	4	1139	4
TA L4 71CI /1.2Liter, OHV, 8	03/1970-	4	1169	1
TB L4 71CI /1.2Liter, OHV, 8	12/1968-	4	1169	1
TC L4 78CI /1.3Liter, SOHC, 8	01/1978-	4	1272	3
TC L4 78CI /1.3Liter, SOHC, 8	01/1970-	4	1272	2
BJ L4 78CI /1.3Liter, DOHC, 16	10/1986-	4	1290	10
E3 L4 79CI /1.3Liter, SOHC, 8	05/1980-	4	1296	3
B3 L4 71CI /1.3Liter, SOHC, 8	12/1986-	4	1324	4
UC L4 86CI /1.4Liter, SOHC, 8	12/1976-	4	1415	3
Z5-DE L4 91CI /1.5Liter, DOHC,	01/1995-	4	1489	4
D5 L4 91CI /1.5Liter, SOHC, 8	10/1985-	4	1490	3
E5 L4 91CI /1.5Liter, SOHC, 8	05/1980-	4	1490	3
UB L4 71CI /1.5Liter, SOHC, 8	05/1970-	4	1490	9
B5 L4 91CI /1.5Liter, SOHC, 8	12/1986-	4	1498	4
DV6 TED4 9HY/Z L4 95CI	01/2006-	4	1560	5
NA L4 97CI /1.6Liter, SOHC, 8	01/1970-	4	1586	6
F6 L4 97CI /1.6Liter, SOHC, 8	09/1982-	4	1587	18
B6-2E,B6-ME L4 97CI /1.6Liter,	01/1992-	4	1597	10
B6 L4 98CI /1.6Liter, SOHC, 8	09/1985-	4	1598	10
B6T L4 98CI /1.6Liter, DOHC, 16	01/1988-	4	1598	10
B6ZE L4 98CI /1.6Liter, DOHC,	01/1990-	4	1598	10
ZM L4 98CI /1.6Liter, DOHC, 16	01/1999-	4	1598	7
Z6 L4 98CI /1.6Liter, DOHC, 16	05/2006-	4	1598	8
VC L4 108CI /1.8Liter, SOHC, 8	04/1973-	4	1769	9
F8 L4 109CI /1.8Liter, SOHC, 8	10/1982-	4	1789	18
F8 L4 189CI /1.8Liter, SOHC, 8	01/1990-	4	1789	16
VB L4 110CI /1.8Liter, SOHC, 8	10/1968-	4	1796	12
BPD,BPZE L4 112CI /1.8Liter,	01/1990-	4	1840	10
BPE L4 112CI /1.8Liter, SOHC,	01/1990-	4	1840	10
FP L4 152CI /1.8Liter, DOHC, 16	01/1999-	4	1840	15
K8-ZE V6 113CI /1.8Liter, DOHC,	01/1992-	6	1845	11
MA L4 120CI /2.0Liter, SOHC, 8	03/1977-	4	1970	12
VA /2.0Liter, 8 Valves, Gasoline	06/1971-	4	1985	13
122 L4 Ford 121CI /2.0Liter,	01/2001-	4	1989	14

Engine-Code	Years	Cyl	CC	Line
FS L4 121CI /2.0Liter, DOHC, 16	01/1993-	4	1991	15
FE L4 122CI /2.0Liter, SOHC, 8	09/1982-	4	1998	18
FET L4 122CI /2.2Liter, SOHC, 8	01/1986-	4	1998	18
RF L4 122CI /2.0Liter, SOHC, 16	05/1983-	4	1998	19
FEH1,FEH5 L4 SOHC, Gasoline	01/1983-	4	1998	20
FE L4 122CI /2.0Liter, SOHC, 8	04/1987-	4	1998	16
120 L4 Ford 120CI /2.0Liter,	01/2004-	4	2000	17
F2 L4 133CI /2.2Liter, SOHC, 8	01/1987-	4	2184	18
F2 L4 133CI /2.2Liter, SOHC, 12	01/1988-	4	2184	18
F2T L4 133CI /2.2Liter, SOHC,	01/1988-	4	2184	18
R2 L4 133CI /2.2Liter, SOHC, 8	05/1983-	4	2184	19
F2L,F2G L4 133CI /2.2Liter,	01/1987-	4	2184	20
S2 L4 Perkins 135CI /2.2Liter,	09/1979-	4	2209	21
KJ V6 138CI /2.6Liter, DOHC, 24	01/1995-	6	2255	24
140 L4 Ford 140CI /2.3Liter,	01/2005-	4	2260	22
140 L4 Ford 140CI /2.3Liter,	01/2003-	4	2260	22
140 L4 Ford 140CI /2.3Liter,	01/1994-	4	2295	23
153 Ford SOHC 8 valve	1998-01	4	2492	23
KL V6 152CI /2.5Liter, DOHC, 24	01/1993-	6	2497	24
WL,WLT L4 152CI /2.5Liter,	-	4	2499	25
XA Perkins /2.5Liter, 8 Valves,	01/1967-	0	2522	28
XA /2.5Liter, 8 Valves, Diesel	09/1980-	0	2522	28
AM1 L4 Mitsubishi 156CI	01/1987-	4	2555	26
G6 L4 159CI /2.6Liter, SOHC, 12	01/1989-	4	2606	27
XB Perkins /2.7Liter, 8 Valves,	01/1971-	0	2701	28
JE,JE06,JE07 V6 180CI /3.0Liter,	07/1977-	6	2954	29
JE27 V6 180CI /3.0Liter, DOHC,	01/1990-	6	2954	29
JE39 V6 180CI /3.0Liter, SOHC,	01/1990-	6	2954	29
JE48 V6 180CI /3.0Liter, DOHC,	01/1992-	6	2954	29
181 V6 Ford 183CI /3.0Liter,	01/2001-	6	2968	30
HA Perkins 8 Valves, Diesel	05/1977-	4	2977	32
183 V6 Ford 182CI /3.0Liter,	01/1994-	6	2982	31
183 V6 Ford 182CI /3.0Liter,	01/1999-	6	2982	31
SL,SLT L4 8 Valves, Diesel	02/1984-	4	3455	32
245 V6 Ford 245CI /4.0Liter,	01/1990-	6	4016	33
245 V6 Ford 245CI /4.0Liter,	01/2001-	6	4016	34

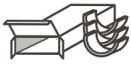




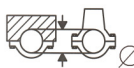


Car Model Index: MAZDA

Model	Engine	Years	Cyl	CC	Line
Miata MX5	B6 L4 98CI		4	1598	10
3	Z6 L4 98CI	05.2006-	4	1598	8
3, 5, 6	140 L4 Ford 140CI		4	2260	22
323	B6 L4 98CI		4	1598	10
323GT, MX3, Miata	B6T L4 98CI		4	1598	10
616	NA L4 97CI	1970-72	4	1586	6
618, B1800	VB L4 110CI		4	1796	12
626	FET L4 122CI		4	1998	18
626	MA L4 120CI		4	1970	12
626	KL V6 152CI	1993-98	6	2497	24
626 Turbo, B2000	FEH1,FEH5 L4		4	1998	20
626,B2000	FE L4 122CI		4	1998	18
626,Capella, MPV	FS L4 121CI		4	1991	15
626,MX6	F2 L4 133CI		4	2184	18
626,MX6	F2T L4 133CI		4	2184	18
808	NA L4 97CI	1972-77	4	1586	6
808 Mizer	TC L4 78CI	1978	4	1272	2
808,1300,Familia	TC L4 78CI		4	1272	3
929	JE27 V6 180CI		6	2954	29
929	JE48 V6 180CI		6	2954	29
929, MPV, Centia, Luce	JE,JE06,JE07 V6		6	2954	29
B1600	NA L4 97CI	1972-76	4	1586	6
B2000	MA L4 120CI		4	1970	12
B2200	F2L,F2G L4 133CI		4	2184	20
B2200,Capella	F2 L4 133CI		4	2184	18
B2300	140 L4 Ford 140CI	1994-97	4	2295	23
B2500	153 Ford SOHC 8		4	2492	23
B2500	WL,WLT L4 152CI		4	2499	25
B2600	AM1 L4 Mitsubishi	1987-88	4	2555	26
B2600i	G6 L4 159CI	1989-93	4	2606	27
B3000	183 V6 Ford 182CI		6	2982	31
B3000	183 V6 Ford 182CI		6	2982	31
B4000	245 V6 Ford 245CI	1994-98	6	4016	33
B4000	245 V6 Ford 245CI		6	4016	34
Bongo, Bongo Friendee	WL,WLT L4 152CI		4	2499	25
Bongo, Capella	F6 L4 97CI		4	1587	18
Bongo, Capella	F8 L4 109CI		4	1789	18
Bongo, Capella	FE L4 122CI		4	1998	18
Bongo, Capella	RF L4 122CI		4	1998	19
Bongo, Capella	R2 L4 133CI		4	2184	19
Bongo, Cosmo	S2 L4 Perkins		4	2209	21
Boxer	XB Perkins		0	2701	28
Capella	F8 L4 189CI		4	1789	16
Capella 2000	FE L4 122CI		4	1998	16
Capella, MPV	FP L4 152CI		4	1840	15
Estude, Familia	BJ L4 78CI		4	1290	10
Familia	B6 L4 98CI		4	1598	10
Familia	E1 L4 65CI		4	1071	3
Familia	E3 L4 79CI		4	1296	3
Familia	PC L4 60CI		4	985	2
Familia	TC L4 78CI		4	1272	2









Model	Engine	Years	Cyl	CC	Line
Familia, Bongo	NA L4 97CI		4	1586	6
Familia, Bongo	PB L4 /1.0Liter,		4	987	1
Familia, Bongo	TA L4 71CI		4	1169	1
Familia, Bongo	TB L4 71CI		4	1169	1
Familia, Demio	B1 L4 70CI		4	1139	4
Familia, Demio	B3 L4 71CI		4	1324	4
Familia, Demio	B5 L4 91CI		4	1498	4
Familia,GLC	E5 L4 91CI		4	1490	3
GLC	UC L4 86CI	1979-80	4	1415	3
GLC	D5 L4 91CI	1981-85	4	1490	3
GLC	TC L4 78CI	1977-78	4	1272	2
Luce, Bongo, Cosmo	UB L4 71CI		4	1490	9
Luce, Bongo, Cosmo	VC L4 108CI		4	1769	9
Luce, Pick up	VB L4 110CI		4	1796	12
Luce, Pick up	MA L4 120CI		4	1970	12
MPV	G6 L4 159CI	1989-94	4	2606	27
MPV, Protege	FE L4 122CI		4	1998	18
MPV, Tribute	181 V6 Ford 183CI		6	2968	30
MX-5 Miata	BPE L4 112CI		4	1840	10
MX-6	KL V6 152CI	1993-97	6	2497	24
MX3	B6-2E,B6-ME L4		4	1597	10
MX3	B6ZE L4 98CI		4	1598	10
MX3	K8-ZE V6 113CI		6	1845	11
MX5	120 L4 Ford 120CI		4	2000	17
MX6, Protege	FS L4 121CI		4	1991	15
Mazda 3	120 L4 Ford 120CI		4	2000	17
Mazda 3 1.6 Hdi 16V	DV6 TED4 9HY/Z	2006-	4	1560	5
Miata	120 L4 Ford 120CI		4	2000	17
Miata MX5	B6ZE L4 98CI		4	1598	10
Miata MX5, Protege	BPD,BPZE L4		4	1840	10
Millenia	KJ V6 138CI		6	2255	24
Millenia	KL V6 152CI	1994-98	6	2497	24
Mizer	TC L4 78CI	1976-77	4	1272	2
Navajo	245 V6 Ford 245CI	1990-95	6	4016	33
Pick - up	G6 L4 159CI	1989-93	4	2606	27
Proceed	G6 L4 159CI		4	2606	27
Protege	Z5-DE L4 91CI		4	1489	4
Protege	BPE L4 112CI		4	1840	10
Protege	FP L4 152CI		4	1840	15
Protege	ZM L4 98CI		4	1598	7
Roadster	B6 L4 98CI		4	1598	10
Roadster	BPE L4 112CI		4	1840	10
Titan	HA Perkins 8		4	2977	32
Titan	SL,SLT L4 8		4	3455	32
Titan	VA /2.0Liter, 8		4	1985	13
Tribute	122 L4 Ford 121CI		4	1989	14
Tribute	140 L4 Ford 140CI		4	2260	22

MAZDA

MAZDA

	 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
1	PB L4 /1.0Liter, OHV, 8 Valves, Gasoline	01/1967-07/1990	987 cc	68.00 X 68.00	4 cyl	Familia, Bongo		1
	TA L4 71CI /1.2Liter, OHV, 8 Valves, Gasoline	03/1970-12/1973	1169 cc	70.00 X 76.00	4 cyl	Familia, Bongo		
	TB L4 71CI /1.2Liter, OHV, 8 Valves, Gasoline	12/1968-07/1990	1169 cc	70.00 X 76.00	4 cyl	Familia, Bongo		
CR4437AM 1.0/1.5 ACL:4B1156 CLE:CB-1107AL (4) DAI:R8125A FMO:4-67355RA GLA:B4549SA NDC:CB-1082 OEM:0249-23-105 VAN:VPR91453A		C4437	4 Pairs		1.7693/ 1.7699 44.940/ 44.955	1.8899/ 1.8905 48.003/ 48.019	0.7730 19.63	0.0594 1.509
2	PC L4 60CI /1.0Liter, OHV, 8 Valves, Gasoline	01/1970-12/1978	985 cc	70.00 X 64.00	4 cyl	Familia		2
	TC L4 78CI /1.3Liter, SOHC, 8 Valves, Gasoline	01/1970-12/1986	1272 cc	73.00 X 76.00	4 cyl	808 Mizer, Familia, GLC, Mizer		
CR4437AM 1.0/1.5 ACL:4B1156 CLE:CB-1107AL (4) DAI:R8125A FMO:4-67355RA GLA:B4549SA NDC:CB-1082 OEM:0249-23-105 VAN:VPR91453A		C4437	4 Pairs		1.7693/ 1.7699 44.940/ 44.955	1.8899/ 1.8905 48.003/ 48.019	0.7730 19.63	0.0594 1.509
MB 578AM .75 ACL:5M1167 CLE:MS-1458AL DAI:M8128A FMO:6789M GLA:M5320SA NDC:MS-1113 OEM:0324-23-151A VAN:VPM91752	M 578/1	3 Pairs	1-2-4	2.4779/ 2.4785 62.939/ 62.954	2.6378/ 2.6385 67.000/ 67.018	0.7930 20.14	0.0791 2.009	
	M 578/3	2 Pairs	3-5	2.4799/ 2.4785 62.989/ 62.954	2.6378/ 2.6385 67.000/ 67.018	0.9110 23.14	0.0791 2.009	
TW 228AM ACL:2T1167 CLE:TW- 352S DAI:T8128A FMO:67356AF GLA:W2236SA NDC:TW-1113K OEM:0324-11-380 VAN:VPW95112A								
3	E1 L4 65CI /1.1Liter, SOHC, 8 Valves, Gasoline	05/1980-11/1986	1071 cc	70.00 X 69.60	4 cyl	Familia		3
	TC L4 78CI /1.3Liter, SOHC, 8 Valves, Gasoline	01/1978-12/1985	1272 cc	73.00 X 76.00	4 cyl	808,1300,Familia		
	E3 L4 79CI /1.3Liter, SOHC, 8 Valves, Gasoline	05/1980-12/1988	1296 cc	77.00 X 69.60	4 cyl	Familia		
	UC L4 86CI /1.4Liter, SOHC, 8 Valves, Gasoline	12/1976-07/1990	1415 cc	77.00 X 76.00	4 cyl	GLC		
	D5 L4 91CI /1.5Liter, SOHC, 8 Valves, Gasoline	10/1985-	1490 cc	77.00 X 80.00	4 cyl	GLC		
	E5 L4 91CI /1.5Liter, SOHC, 8 Valves, Gasoline	05/1980-12/1988	1490 cc	77.00 X 80.00	4 cyl	Familia,GLC		
CR4495AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:4B8331 CLE:CB-1279AL (4) DAI:R 809A FMO:4-3910RA GLA:B4613SA GLY:01-4343/4 NDC:CB-1168A OEM:8936-23-105 OEM:8034-23-105 VAN:VPR92623		C4495	4 Pairs		1.5724/ 1.5730 39.939/ 39.954	1.6929/ 1.6935 43.000/ 43.015	0.6690 16.99	0.0594 1.509
MB5510AM STD/.25/.5/.75/1.0/1.25 ACL:5M8334 CLE:MS-1560AL DAI:M 822A2 FMO:6797M GLA:M5393SA ~ GLY:H1153/5 NDC:MS-1168A OEM:0301-23-151 OEM:E301-23-151 VAN:VPM91878A		M5510	5 Pairs		1.9661/ 1.9667 49.939/ 49.954	2.1260/ 2.1265 54.000/ 54.013	0.7530 19.13	0.0793 2.014
TW 227AM ACL:2T8334 CLE:TW- 370S DAI:T8122A FMO:3911AF GLA:W2304SA NDC:TW-1168A OEM:8034-11-380 VAN:VPW95092A		W 227D W 227E	2 Pairs		2.2350/ 2.2449 56.769/ 57.020	2.7067/ 2.7165 68.750/ 68.999	0.0000 0.00	0.0787 1.999
4	B1 L4 70CI /1.1Liter, SOHC, 8 Valves, Gasoline	10/1985-	1139 cc	68.00 X 78.40	4 cyl	Familia, Demio		4
	B3 L4 71CI /1.3Liter, SOHC, 8 Valves, Gasoline	12/1986-	1324 cc	71.00 X 83.60	4 cyl	Familia, Demio		
	Z5-DE L4 91CI /1.5Liter, DOHC, 16	01/1995-12/1998	1489 cc	75.30 X 83.60	4 cyl	Protege		

MAZDA				MAZDA				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
Valves, Gasoline B5 L4 91CI /1.5Liter, SOHC, 8 Valves, Gasoline		12/1986-	1498 cc	78.00 X 78.40	4 cyl	Familia, Demio		
CR4495AM STD/.25/.5/.75/1.0/1.25/1.5 ACL: 4B8331 CLE: CB-1279AL (4) DAI: R 809A FMO: 4-3910RA GLA: B4613SA GLY: 01-4343/4 NDC: CB-1168A OEM: 8936-23-105 OEM: 8034-23-105 VAN: VPR92623	C4495	4 Pairs		1.5724/ 1.5730 39.939/ 39.954	1.6929/ 1.6935 43.000/ 43.015	0.6690 16.99	0.0594 1.509	
MB5304AM From 3/89 ACL: 5M8353 DAI: M8108A FMO: 7204M GLA: M5556SA GLY: H1192/5 NDC: MS-2012A OEM: KK1Y-11-SGO OEM: B6Y1-11-SGO VAN: VPM92643	M5537 M5304L	5 Pairs	1-5	1.9661/ 1.9668 49.939/ 49.957	2.1259/ 2.1267 53.998/ 54.018	0.6890 17.50	0.0791 2.009	
MB5537AM STD/.25/.5/.75/1.0/1.25/1.5 Ref. 3/89 ACL: 5M8354 CLE: MS-1802AL DAI: M 822A2 FMO: 7207M GLA: M5393SA NDC: MS-2008A OEM: OK2YA-11-SGO OEM: B6Y0-11-SGO VAN: VPM91878	M5537	5 Pairs		1.9661/ 1.9668 49.939/ 49.957	2.1259/ 2.1267 53.998/ 54.018	0.6890 17.50	0.0791 2.009	
TW 133AM STD/.5 ACL: 1T8353 CLE: TW- 472S DAI: T8108A FMO: 4176AF GLA: W2408L GLY: A260/2 NDC: TW-2008A OEM: B6Y2-11-SJO OEM: B6Y0-11-SJO	W 133	1 Pair		2.2539/ 2.2638 57.249/ 57.501	2.7067/ 2.7165 68.750/ 68.999	0.0000 0.00	0.1004 2.550	
5	DV6 TED4 9HY/Z L4 95CI /1.6Liter, DOHC, 16 Valves, Diesel	01/2006-	1560 cc	75.00 X 88.30	4 cyl	Mazda 3 1.6 Hdi 16V		5
CR4503SX STD/.25/.3/.5/.75/.8 SUPERSEDED BY CR4503SX GLY: 71-4246/4 K.S: 77 873 600 OEM: 3M5Q 6211 AA VAN: VPR04521SP	C4503	4 Pairs		1.8494/ 1.8500 46.975/ 46.990	1.9943/ 1.9950 50.655/ 50.673	0.6693 17.00	0.0716 1.819	
MB5399SI STD/.3/.5/.8/1.0 GLY: H046/5 OEM: 0113.T5 VAN: VPM05047A	M5399U M5399L	5 Halves 5 Halves		1.9670/ 1.9678 49.962/ 49.982 1.9670/ 1.9678 49.962/ 49.982	2.1124/ 2.1131 53.655/ 53.673 2.1124/ 2.1131 53.655/ 53.673	0.8040 20.42 0.7840 19.91	0.0710 1.803 0.0720 1.829	
TW 179AM GLY: A217/2 OEM: 2S6Q 6A339AA VAN: VPM01004A	W 179	1 Pair		2.1732/ 2.1843 55.199/ 55.481	2.8091/ 2.8228 71.351/ 71.699	0.0000 0.00	0.0960 2.438	
6	NA L4 97CI /1.6Liter, SOHC, 8 Valves, Gasoline	01/1970- 12/1984	1586 cc	78.00 X 83.00	4 cyl	616, 808, B1600, Familia, Bongo		6
CR4159AM STD/.25/.5/.75/1.0/1.25/1.5 ACL: 4B1756 CLE: CB-1250AL DAI: R8130A FMO: 4-1130RA GLA: B4602SA GLY: 01-4337/4 NDC: CB-1141A OEM: 0552-23-105 OEM: 0552-23-105 VAN: VPR92036A	C4159	4 Pairs		2.0843/ 2.0840 52.941/ 52.934	2.2049/ 2.2055 56.004/ 56.020	0.8240 20.93	0.0595 1.511	
CS 314BB GLA: C3069S OEM: 0305-23-250 VAN: VPC94033								
MB 572AM STD/.25/.5/.75/1.0/1.25/1.5 ACL: 5M1627 CLE: MS-1427AL DAI: M8133A FMO: 5027M GLA: M5317SA NDC: MS-1114 OEM: 0305-23-151A VAN: VPM91569A	M 572/1 M 572/3U M 572/3L	3 Pairs 2 Pairs	1-2-4 3-5	2.4779/ 2.4785 62.939/ 62.954 2.4779/ 2.4785 62.939/ 62.954	2.6378/ 2.6386 67.000/ 67.020 2.6378/ 2.6386 67.000/ 67.020	0.7240 18.39 0.9490 24.10	0.0791 2.009 0.0791 2.009	
TW 222AM STD ACL: 2T4162 CLE: TW- 231S DAI: T 833W FMO: 3567AF GLA: W2235S NDC: TW-1061GP OEM: 0305-23-201A VAN: VPM95060	W 222D W 222E	2 Pairs		2.8150/ 2.8248 71.501/ 71.750	3.4016/ 3.4114 86.401/ 86.650	0.0000 0.00	0.0807 2.050	
7	ZM L4 98CI /1.6Liter, DOHC, 16 Valves, Gasoline	01/1999- 12/2002	1598 cc	78.00 X 83.60	4 cyl	Protege		7
CR4002AM STD/.25/.5/.75/1.0	C4002	4 Pairs		1.7693/ 1.7699 44.940/ 44.955	1.8896/ 1.8904 47.996/ 48.016	0.6690 16.99	0.0594 1.509	

MAZDA				MAZDA				
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
ACL:4B8351 DAI:R8108A GLA:B4764SA NDC:CB-2008A OEM:B6Y0-11-SE0	CLE:CB-1453AL(4) FMO:4-4175 GLY:01-4359/4 OEM:OK2YA-11-SEO VAN:VPR92624							
MB5537AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:5M8354 DAI: M 822A2 GLA:M5393SA OEM:OK2YA-11-SGO VAN:VPM91878	M5537	5 Pairs		1.9661/ 1.9668 49.939/ 49.957	2.1259/ 2.1267 53.998/ 54.018	0.6890 17.50	0.0791 2.009	
TW 133AM STD/.5 ACL:1T8353 DAI:T8108A GLA:W2408L NDC:TW-2008A OEM:B6Y0-11-SJO	CLE:TW- 472S FMO:4176AF GLY:A260/2 OEM:B6Y2-11-SJO	W 133	1 Pair	2.2539/ 2.2638 57.249/ 57.501	2.7067/ 2.7165 68.750/ 68.999	0.0000 0.00	0.1004 2.550	
8	Z6 L4 98CI /1.6Liter, DOHC, 16 Valves, Gasoline	05/2006-	1598 cc	78.00 X 83.60	4 cyl	3	8	
CR4366SI OEM:ZYY2-11SE0	C4366	4 Pairs		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 2.0009 0.000/ 50.823	0.0000 0.00	0.0000 0.000	
9	UB L4 71CI /1.5Liter, SOHC, 8 Valves, Gasoline	05/1970-07/1973	1490 cc	78.00 X 78.00	4 cyl	Luce, Bongo, Cosmo	9	
	VC L4 108CI /1.8Liter, SOHC, 8 Valves, Gasoline	04/1973-08/1986	1769 cc	80.00 X 88.00	4 cyl	Luce, Bongo, Cosmo		
CR4159AM STD/.25/.5/.75/1.0/1.25/1.5 80-86 ACL:4B1756 DAI: R8130A GLA:B4602SA NDC:CB-1141A OEM:0552-23-105	CLE:CB-1250AL FMO:4-1130RA GLY:01-4337/4 OEM:0552-23-105 VAN:VPR92036A	C4159	4 Pairs	2.0843/ 2.0840 52.941/ 52.934	2.2049/ 2.2055 56.004/ 56.020	0.8240 20.93	0.0595 1.511	
CS 314BB GLA:C3069S VAN:VPC94033	OEM:0305-23-250							
MB 572AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:5M1627 DAI:M8133A GLA:M5317SA OEM:0305-23-151A	CLE:MS-1427AL FMO:5027M NDC:MS-1114 VAN:VPM91569A	M 572/1	3 Pairs	1-2-4	2.4779/ 2.4785 62.939/ 62.954	2.6378/ 2.6386 67.000/ 67.020	0.7240 18.39	0.0791 2.009
		M 572/3U M 572/3L	2 Pairs	3-5	2.4779/ 2.4785 62.939/ 62.954	2.6378/ 2.6386 67.000/ 67.020	0.9490 24.10	0.0791 2.009
TW 222AM STD ACL:2T4162 DAI:T 833W GLA:W2235S OEM:0305-23-201A	CLE:TW- 231S FMO:3567AF NDC:TW-1061GP VAN:VPW95060	W 222D W 222E	2 Pairs		2.8150/ 2.8248 71.501/ 71.750	3.4016/ 3.4114 86.401/ 86.650	0.0000 0.00	0.0807 2.050
10	BJ L4 78CI /1.3Liter, DOHC, 16 Valves, Gasoline	10/1986-	1290 cc	78.00 X 67.50	4 cyl	Estude, Familia	10	
	B6-2E, B6-ME L4 97CI /1.6Liter, SOHC, 16 Valves, Gasoline	01/1992-12/1994	1597 cc	78.00 X 83.60	4 cyl	MX3		
	B6 L4 98CI /1.6Liter, SOHC, 8 Valves, Gasoline	09/1985-12/1994	1598 cc	78.00 X 83.60	4 cyl	Miata MX5, 323, Familia, Roadster		
	B6ZE L4 98CI /1.6Liter, DOHC, 16 Valves, Gasoline	01/1990-12/1995	1598 cc	78.00 X 83.60	4 cyl	MX3, Miata MX5		
	B6T L4 98CI /1.6Liter, DOHC, 16 Valves, Gasoline Turbocharge	01/1988-12/1995	1598 cc	78.00 X 83.60	4 cyl	323GT, MX3, Miata MX5		
	BPE L4 112CI /1.8Liter, SOHC, 16 Valves, Gasoline	01/1990-12/1999	1840 cc	83.00 X 85.00	4 cyl	MX-5 Miata, Protege, Roadster		
	BPD, BPZE L4 112CI /1.8Liter, DOHC, 16 Valves, Gasoline	01/1990-12/2005	1840 cc	83.00 X 85.00	4 cyl	Miata MX5, Protege		
CR4002AM STD/.25/.5/.75/1.0 ACL:4B8351 DAI:R8108A GLA:B4764SA NDC:CB-2008A OEM:B6Y0-11-SE0	CLE:CB-1453AL(4) FMO:4-4175 GLY:01-4359/4 OEM:OK2YA-11-SEO VAN:VPR92624	C4002	4 Pairs		1.7693/ 1.7699 44.940/ 44.955	1.8896/ 1.8904 47.996/ 48.016	0.6690 16.99	0.0594 1.509









MAZDA				MAZDA				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
MB5304AM <i>From 86</i> ACL: 5M8353 DAI: M8108A FMO: 7204M GLA: M5556SA GLY: H1192/5 NDC: MS-2012A OEM: KK1Y-11-SGO OEM: B6Y1-11-SGO VAN: VPM92643	M5537 M5304L	5 Pairs	1-5	1.9661/ 1.9668 49.939/ 49.957	2.1259/ 2.1267 53.998/ 54.018	0.6890 17.50	0.0791 2.009	
MB5537AM STD/.25/.5/.75/1.0/1.25/1.5 <i>85-86</i> ACL: 5M8354 CLE: MS-1802AL DAI: M 822A2 FMO: 7207M GLA: M5393SA NDC: MS-2008A OEM: OK2YA-11-SGO OEM: B6Y0-11-SGO VAN: VPM91878	M5537	5 Pairs		1.9661/ 1.9668 49.939/ 49.957	2.1259/ 2.1267 53.998/ 54.018	0.6890 17.50	0.0791 2.009	
TW 133AM STD/.5 ACL: 1T8353 CLE: TW- 472S DAI: T8108A FMO: 4176AF GLA: W2408L GLY: A260/2 NDC: TW-2008A OEM: B6Y2-11-SJO OEM: B6Y0-11-SJO	W 133	1 Pair		2.2539/ 2.2638 57.249/ 57.501	2.7067/ 2.7165 68.750/ 68.999	0.0000 0.00	0.1004 2.550	
11	K8-ZE V6 113CI /1.8Liter, DOHC, 24 Valves, Gasoline	01/1992- 12/1994	1845 cc	75.00 X 69.90	6 cyl	MX3	11	
CR6791AM <i>Under Development</i> ACL: 6B8146 OEM: K8Y1-11-SE0A OEM: K8Y1-11-SE0 VAN: VPR06031	C6791	6 Pairs		1.8872/ 1.8880 47.935/ 47.955	2.0079/ 2.0085 51.001/ 51.016	0.6690 16.99	0.0595 1.511	
MB 496AM STD/.25/.5/.75 ACL: 4M8147 CLE: MS-2058AL FMO: 7347M OEM: KLY1-11-SGOB VAN: VPM06005	M 496/1U M 496/1L	3 Pairs		2.4386/ 2.4392 61.940/ 61.956	2.6356/ 2.6367 66.944/ 66.972	0.7090 18.01	0.0980 2.489	
	M 496/2U M 496/2L	1 Pair		2.4386/ 2.4392 61.940/ 61.956	2.6356/ 2.6367 66.944/ 66.972	0.8600 21.84	0.0980 2.489	
TW 256AM ACL: 2T8352 CLE: TW- 552S DAI: T 834A FMO: 1603AF GLA: W4099Z K.S: TW-2010GP NDC: TW-2010GP OEM: JFY1-11-SJO VAN: VPW02016A	W 256D W 256E	2 Pairs		2.6772/ 2.6870 68.001/ 68.250	3.1496/ 3.1594 80.000/ 80.249	0.0000 0.00	0.0810 2.057	
12	VB L4 110CI /1.8Liter, SOHC, 8 Valves, Gasoline	10/1968- 12/1978	1796 cc	78.00 X 94.00	4 cyl	618, B1800, Luce, Pick up	12	
	MA L4 120CI /2.0Liter, SOHC, 8 Valves, Gasoline	03/1977- 04/1989	1970 cc	80.00 X 89.00	4 cyl	626, B2000, Luce, Pick up		
CR4485AM STD/.25/.5/.75/1.0 ACL: 4B1626 CLE: CB-1110AL (4) DAI: R8145A FMO: 4-67350RA GLA: B4548SA NDC: CB-1086 OEM: 0290-23-105 VAN: VPR91586A	C4485	4 Pairs		2.0843/ 2.0848 52.941/ 52.954	2.2047/ 2.2055 55.999/ 56.020	0.8660 22.00	0.0594 1.509	
CS 314BB GLA: C3069S OEM: 0305-23-250 VAN: VPC94033								
MB 572AM STD/.25/.5/.75/1.0/1.25/1.5 ACL: 5M1627 CLE: MS-1427AL DAI: M8133A FMO: 5027M GLA: M53175A NDC: MS-1114 OEM: 0305-23-151A VAN: VPM91569A	M 572/1 M 572/3U M 572/3L	3 Pairs 2 Pairs	1-2-4 3-5	2.4779/ 2.4785 62.939/ 62.954 2.4779/ 2.4785 62.939/ 62.954	2.6378/ 2.6386 67.000/ 67.020 2.6378/ 2.6386 67.000/ 67.020	0.7240 18.39 0.9490 24.10	0.0791 2.009 0.0791 2.009	
TW 222AM STD ACL: 2T4162 CLE: TW- 231S DAI: T 833W FMO: 3567AF GLA: W2235S NDC: TW-1061GP OEM: 0305-23-201A VAN: VPW95060	W 222D W 222E	2 Pairs		2.8150/ 2.8248 71.501/ 71.750	3.4016/ 3.4114 86.401/ 86.650	0.0000 0.00	0.0807 2.050	
13	VA /2.0Liter, 8 Valves, Gasoline	06/1971- 12/1988	1985 cc	82.00 X 94.00	4 cyl	Titan	13	
CR4159AM STD/.25/.5/.75/1.0/1.25/1.5 ACL: 4B1756 CLE: CB-1250AL DAI: R8130A FMO: 4-1130RA GLA: B4602SA GLY: 01-4337/4 NDC: CB-1141A OEM: 0552-23-105 OEM: 0552-23-105 VAN: VPR92036A	C4159	4 Pairs		2.0843/ 2.0840 52.941/ 52.934	2.2049/ 2.2055 56.004/ 56.020	0.8240 20.93	0.0595 1.511	
MB 572AM STD/.25/.5/.75/1.0/1.25/1.5	M 572/1	3 Pairs	1-2-4	2.4779/ 2.4785	2.6378/ 2.6386	0.7240	0.0791	

MAZDA					MAZDA			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
ACL:5M1627 DAI:M8133A GLA:M5317SA OEM:0305-23-151A	CLE:MS-1427AL FMO:5027M NDC:MS-1114 VAN:VPM91569A	M 572/3U M 572/3L	2 Pairs	3-5	62.939/ 62.954 2.4779/ 2.4785 62.939/ 62.954	67.000/ 67.020 2.6378/ 2.6386 67.000/ 67.020	18.39 0.9490 24.10	2.009 0.0791 2.009
14	122 L4 Ford 121CI /2.0Liter, ZETEC, DOHC, 16 Valves, Gasoline	01/2001-12/2004	1989 cc	84.80 X 87.90	4 cyl	Tribute	14	
CR4150SI STD/.25/.5/.75	C4150	4 Pairs		1.8461/ 1.8469 46.891/ 46.911	1.9642/ 1.9650 49.891/ 49.911	0.7913 20.10	0.0581 1.476	
ACL:4B4135A FMO:4-4135RA ~ GLY:4-4135RA~	CLE:CB-1774P (4) GLA:B4780 VAN:VPR92662D							
MB5008SI	M5008U M5008L	4 Pairs	1-2-4-5	2.2827/ 2.2834 57.981/ 57.998	2.4523/ 2.4527 62.288/ 62.299	0.0844 2.14	0.7710 19.583	
ACL:5M7193A FMO:7193MA GLY:H1086/5	CLE:MS-2208P GLA:M5593 VAN:VPM92771A	F5008 M5008L	1 Pair	3	2.2827/ 2.2834 57.981/ 57.998	2.4523/ 2.4527 62.288/ 62.299	0.0842 2.14	0.9730 24.714
15	FP L4 152CI /1.8Liter, DOHC, 16 Valves, Gasoline	01/1999-12/2000	1840 cc	83.00 X 85.00	4 cyl	Capella, MPV, Protege	15	
	FS L4 121CI /2.0Liter, DOHC, 16 Valves, Gasoline	01/1993-12/2003	1991 cc	83.00 X 92.00	4 cyl	626, Capella, MPV, MX6, Protege		
CR4105AM STD/.25/.5/.75/1.0	C4105	4 Pairs		1.8874/ 1.8880 47.940/ 47.955	2.0079/ 2.0085 51.001/ 51.016	0.6732 17.10	0.0595 1.511	
ACL:4B9300 DAI:R8115A NDC:CB-2018	CLE:CB-1652P (4) FMO:4-4765P OEM:FSY1-11-SE0							
MB5171AM STD/.25/.5/.75/1.0	M5171U M5171L	5 Pairs		2.2022/ 2.2030 55.936/ 55.956	2.3622/ 2.3630 60.000/ 60.020	0.6940 17.63	0.0792 2.012	
ACL:5M8302 DAI:M8115A K.S:MS-2018A OEM:FSY1-11-SG0	CLE:MS-2057AL FMO:7361M NDC:MS-2018 OEM:FSY1-11-SG0A							
TW 156AM	W 156	1 Pair		2.4409/ 2.4508 61.999/ 62.250	3.2028/ 3.2126 81.351/ 81.600	0.0000 0.00	0.1004 2.550	
ACL:1T8302 FMO:4766F NDC:TW-2018A	DAI:T8115A K.S:TW-2018A OEM:FSY1-11-SJ0							
16	F8 L4 189CI /1.8Liter, SOHC, 8 Valves, Gasoline	01/1990-	1789 cc	86.00 X 77.00	4 cyl	Capella	16	
	FE L4 122CI /2.0Liter, SOHC, 8 Valves, Gasoline	04/1987-	1998 cc	86.00 X 86.00	4 cyl	Capella 2000		
CR4096AM STD/.25/.5/.75/1.0	C4096	4 Pairs		2.0055/ 2.0062 50.940/ 50.957	2.1259/ 2.1267 53.998/ 54.018	0.8320 21.13	0.0594 1.509	
ACL:4B8140 DAI:R8112A GLA:B4765 OEM:FEY1-11-SE0 VAN:VPR92625	CLE:CB-1455AL (4) FMO:4-4200RA NDC:CB-2009A OEM:FEYA-11-SE0							
17	120 L4 Ford 120CI /2.0Liter, DURATECH, DOHC, 16 Valves, Gasoline	01/2004-12/2010	2000 cc	84.80 X 88.00	4 cyl	MX5, Mazda 3, Miata	17	
CR4515SI STD/.05/.25/.5/.75/1.0	C4515	4 Pairs		1.8496/ 1.8504 46.980/ 47.000	1.9695/ 1.9703 50.025/ 50.046	0.6400 16.26	0.0590 1.499	
ACL:4B4390 OEM:LFY1-11-SE0A	CLE:CB-1840AL							
MB5442SI STD/.25/.5/.75/1.0	M5442U M5442L	4 Pairs	1-2-4-5	2.0464/ 2.0472 51.979/ 51.999	2.2448/ 2.2455 57.018/ 57.036	0.7520 19.10	0.0990 2.515	
ACL:5M8174A FMO:7411MA	CLE:MS-2245AL OEM:1S7G-6A338/333	F5442 M5442L	1 Pair	3	2.0464/ 2.0472 51.979/ 51.999	2.2448/ 2.2455 57.018/ 57.036	1.0140 25.76	0.0990 2.515
18	F6 L4 97CI /1.6Liter, SOHC, 8 Valves, Gasoline	09/1982-03/1987	1587 cc	81.00 X 77.00	4 cyl	Bongo, Capella	18	
	F8 L4 109CI /1.8Liter, SOHC, 8 Valves, Gasoline	10/1982-03/1987	1789 cc	86.00 X 77.00	4 cyl	Bongo, Capella		
	FE L4 122CI /2.0Liter, SOHC, 8 Valves, Gasoline	09/1982-03/1987	1998 cc	86.00 X 86.00	4 cyl	626, B2000, Bongo, Capella, MPV, Protege		
	FET L4 122CI /2.2Liter, SOHC, 8 Valves, Gasoline Turbocharge	01/1986-12/1987	1998 cc	86.00 X 86.00	4 cyl	626		

MAZDA				MAZDA				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
F2 L4 133CI /2.2Liter, SOHC, 8 Valves, Gasoline	01/1987-12/1993	2184 cc	86.00 X 94.00	4 cyl	B2200,Capella			
	01/1988-12/1992	2184 cc	86.00 X 94.00	4 cyl	626,MX6			
	01/1988-12/1992	2184 cc	86.00 X 94.00	4 cyl	626,MX6			
CR 405AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:4B2130 CLE:CB-1362AL(4) DAI:R8111A FMO:4-3975RA GLA:B4633SA GLY:71-4278/4 NDC:CB-2004A OEM:F801-23-130 OEM:F801-23-105A VAN:VPR92032	C 405	4 Pairs		2.0055/ 2.0059 50.940/ 50.950	2.1259/ 2.1267 53.998/ 54.018	0.8320 21.13	0.0594 1.509	
MB5225AM STD/.25/.5/.75/1.0 same as MB5528AM, but with FI STD length 27.99 mm in all undersizes. ACL:5M8137 CLE:MS-2046P FMO:6692M GLY:H1110/5								
MB5528AM STD/.25/.5/.75/1.0/1.25/1.5 Flange length: STD - 27.99 mm (FI STD) 0.25 - 28.09 mm (FI oversize 0.1 mm); 0.50, 0.75 - 28.24 mm (FI oversize 0.25 mm) 1.0, 1.25, 1.50 - 28.49 mm (FI oversize 0.50 mm) ACL:5M8134 CLE:MS-1639P DAI:M8111A FMO: 6692M GLA:M5412SA NDC:MS-2004A OEM:F801-23-151 VAN:VPM92033A	M5528	4 Pairs	1-2-4-5	2.3598/ 2.3608 59.939/ 59.964	2.5196/ 2.5204 63.998/ 64.018	0.7530 19.13	0.0791 2.009	
	F5528 M5528	1 Pair	3	2.3598/ 2.3608 59.939/ 59.964	2.5196/ 2.5204 63.998/ 64.018	1.1020 27.99	0.0791 2.009	
19 RF L4 122CI /2.0Liter, SOHC, 16 Valves, Diesel	05/1983-	1998 cc	86.00 X 86.00	4 cyl	Bongo, Capella		19	
	05/1983-	2184 cc	86.00 X 94.00	4 cyl	Bongo, Capella			
CR 405AM STD/.25/.5/.75/1.0/1.25/1.5 Bef. 6/86 ACL:4B2130 CLE:CB-1362AL(4) DAI:R8111A FMO:4-3975RA GLA:B4633SA GLY:71-4278/4 NDC:CB-2004A OEM:F801-23-130 OEM:F801-23-105A VAN:VPR92032	C 405	4 Pairs		2.0055/ 2.0059 50.940/ 50.950	2.1259/ 2.1267 53.998/ 54.018	0.8320 21.13	0.0594 1.509	
MB5158AM STD/.25/.5/.75/1.0 ACL:5M2134 CLE:MS-1780AL DAI:M8418A FMO:6645M GLA:M5509LC GLY:H1161/5 NDC:MS-2007A OEM:RF01-23-135A VAN:VPM92556LC	M5158/1	4 Pairs	1-2-4-5	2.3598/ 2.3604 59.939/ 59.954	2.5197/ 2.5204 64.000/ 64.018	0.7531 19.13	0.0790 2.007	
	M5158/3	1 Pair	3	2.3598/ 2.3604 59.939/ 59.954	2.5197/ 2.5204 64.000/ 64.018	0.8319 21.13	0.0790 2.007	
TW 268AM Under Development ACL:2T2134 DAI:T8418A FMO:3977AF GLY:A243/2 NDC:TW-2007A OEM:RF01-23-115 VAN:VPW95260A	W 268	2 Pairs		0.0000/ 2.7260 0.000/ 69.240	3.3230/ 0.0000 84.404/ 0.000	0.0000 0.00	0.0807 2.050	
20 FEH1,FEH5 L4 SOHC, Gasoline	01/1983-12/1987	1998 cc	86.00 X 86.00	4 cyl	626 Turbo, B2000		20	
	01/1987-12/1993	2184 cc	86.00 X 94.00	4 cyl	B2200			
CR 405AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:4B2130 CLE:CB-1362AL(4) DAI:R8111A FMO:4-3975RA GLA:B4633SA GLY:71-4278/4 NDC:CB-2004A OEM:F801-23-130 OEM:F801-23-105A VAN:VPR92032	C 405	4 Pairs		2.0055/ 2.0059 50.940/ 50.950	2.1259/ 2.1267 53.998/ 54.018	0.8320 21.13	0.0594 1.509	
MB5225AM STD/.25/.5/.75/1.0 same as MB5528AM, but with FI STD length 27.99 mm in all undersizes. ACL:5M8137 CLE:MS-2046P FMO:6692M GLY:H1110/5								
MB5528AM STD/.25/.5/.75/1.0/1.25/1.5 Flange length: STD - 27.99 mm (FI STD) 0.25 - 28.09 mm (FI oversize 0.1 mm); 0.50, 0.75 - 28.24 mm (FI oversize 0.25 mm)	M5528	4 Pairs	1-2-4-5	2.3598/ 2.3608 59.939/ 59.964	2.5196/ 2.5204 63.998/ 64.018	0.7530 19.13	0.0791 2.009	
	F5528	1 Pair	3	2.3598/ 2.3608 59.939/ 59.964	2.5196/ 2.5204 63.998/ 64.018	1.1020 27.99	0.0791 2.009	

MAZDA				MAZDA			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1.0, 1.25, 1.50 - 28.49 mm (FI oversize 0.50 mm) ACL: 5M8134 CLE: MS-1639P DAI: M8111A FMO: 6692M GLA: M5412SA NDC: MS-2004A OEM: F801-23-151 VAN: VPM92033A	M5528						
21	S2 L4 Perkins 135CI /2.2Liter, SOHC, 8 Valves, Diesel	09/1979-04/1990	2209 cc	88.90 X 89.00	4 cyl	Bongo, Cosmo	21
CR4295AM ACL: 4B1750 DAI: R8380K GLA: B4650 GLY: 71-4347/4 NDC: CB-1181 OEM: 1456-23-105A VAN: VPR92034	C4295	4 Pairs		2.0861/ 2.0866 52.987/ 53.000	2.2316/ 2.2321 56.683/ 56.695	1.1260 28.60	0.0722 1.834
MB5332CP ACL: 5M1748 DAI: M8380K FMO: 6644M GLA: M5432 GLY: 6644M K.S: MS-1181GP NDC: MS-1181 OEM: 1456-23-110 VAN: VPM92035LC	M5332U M5332U M5332/3L	4 Pairs 1 Pair	1,2,4,5 3	2.5585/ 2.5591 64.986/ 65.001 2.5585/ 2.5591 64.986/ 65.001	2.7160/ 2.7165 68.986/ 68.999 2.7160/ 2.7165 68.986/ 68.999	1.1260 28.60 1.1260 28.60	0.0780 1.981 0.0780 1.981
22	140 L4 Ford 140CI /2.3Liter, DURATECH, DOHC, 16 Valves, Gasoline	01/2005-12/2008	2260 cc	87.40 X 94.00	4 cyl	Tribute	22
	140 L4 Ford 140CI /2.3Liter, MZR,L3V,L3X, DOHC, 16 Valves, Gasoline	01/2003-12/2008	2260 cc	87.40 X 94.00	4 cyl	3, 5, 6	
CR4507SI ACL: 4B8170A CLE: CB-1838AL FMO: 4-4930A OEM: L3Y1-11-SEO	C4507	4 Pairs		1.9677/ 1.9685 49.980/ 50.000	2.0876/ 2.0884 53.025/ 53.045	0.6610 16.79	0.0590 1.499
MB5442SI STD/.25/.5/.75/1.0 ACL: 5M8174A CLE: MS-2245AL FMO: 7411MA OEM: 1S7G-6A338/333	M5442U M5442L F5442 M5442L	4 Pairs 1 Pair	1-2-4-5 3	2.0464/ 2.0472 51.979/ 51.999 2.0464/ 2.0472 51.979/ 51.999	2.2448/ 2.2455 57.018/ 57.036 2.2448/ 2.2455 57.018/ 57.036	0.7520 19.10 1.0140 25.76	0.0990 2.515 0.0990 2.515
23	140 L4 Ford 140CI /2.3Liter, SOHC, 8 Valves, vin A, Gasoline	01/1994-12/1997	2295 cc	3.78 X 3.13	4 cyl	B2300	23
	153 Ford SOHC 8 valve	1998-01	2492 cc	96.00 X 86.30	4 cyl	B2500	
CR4476SI STD/.25/.5/.75 ACL: 4B984 CLE: CB- 984P (4) FMO: 4-3545CPB OEM: ZZMO-11-225 VAN: VPR91532	C4476	4 Pairs		2.0465/ 2.0472 51.981/ 51.999	2.1720/ 2.1728 55.169/ 55.189	0.8000 20.32	0.0624 1.585
MB5278AM STD/.25/.5/.75/1.0 For 89-97 dual spark plug engines only. The set includes 1 flanged half (in position 3-upper). Flange length: STD, 0.25, 0.50, 0.75, 1.0 - 30.35mm 1.5 - 30.60mm (FI oversize 0.25mm) ACL: 5M1743 CLE: MS-1743P FMO: 7291M OEM: ZZMO-11-356	M5278U M5278L F5278 M5278L	4 Pairs 1 Pair	1-2-4-5 3	2.2051/ 2.2059 56.010/ 56.030 2.2051/ 2.2059 56.010/ 56.030	2.3971/ 2.3979 60.886/ 60.907 2.3971/ 2.3979 60.886/ 60.907	0.9500 24.13 1.1950 30.35	0.0956 2.428 0.0956 2.428
24	KJ V6 138CI /2.6Liter, DOHC, 24 Valves, Gasoline	01/1995-12/2002	2255 cc	80.30 X 74.20	6 cyl	Millenia	24
	KL V6 152CI /2.5Liter, DOHC, 24 Valves, Gasoline	01/1993-12/2002	2497 cc	84.50 X 74.20	6 cyl	626, MX-6, Millenia	
CR6655AM STD/.25/.5/.75/1.0 ACL: 6B8350 CLE: CB-1592/1653 (6) DAI: R 834A FMO: 6-1970RA/6-4695 GLA: B6671 NDC: CB-2010A OEM: KJY1-11-SEO OEM: JEY0-11-SEO VAN: VPR06032	C6655	6 Pairs		2.0839/ 2.0848 52.931/ 52.954	2.2047/ 2.2055 55.999/ 56.020	0.6690 16.99	0.0595 1.511
MB 496AM STD/.25/.5/.75 ACL: 4M8147 CLE: MS-2058AL FMO: 7347M OEM: KLY1-11-SG0B VAN: VPM06005	M 496/1U M 496/1L M 496/2U M 496/2L	3 Pairs 1 Pair		2.4386/ 2.4392 61.940/ 61.956 2.4386/ 2.4392 61.940/ 61.956	2.6356/ 2.6367 66.944/ 66.972 2.6356/ 2.6367 66.944/ 66.972	0.7090 18.01 0.8600 21.84	0.0980 2.489 0.0980 2.489
TW 256AM ACL: 2T8352 CLE: TW- 552S DAI: T 834A FMO: 1603AF GLA: W4099Z K.S: TW-2010GP	W 256D W 256E	2 Pairs		2.6772/ 2.6870 68.001/ 68.250	3.1496/ 3.1594 80.000/ 80.249	0.0000 0.00	0.0810 2.057

MAZDA				MAZDA				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
NDC: TW-2010GP OEM: JFY1-11-SJ0 VAN: VPM02016A								
25	WL, WLT L4 152Cl /2.5Liter, SOHC, 8 Valves, Diesel Turbocharge	-	2499 cc	93.00 X 92.00	4 cyl	B2500, Bongo, Bongo Friende	25	
CR4285AM STD/.25/.5/.75/1.0 ACL: 4B8240 DAI: R8450A NDC: CB-2016 OEM: WLY1-11-SE0 VAN: VPR04503	C4285	4 Pairs		0.0000/ 2.1636 0.000/ 54.955	2.2834/ 2.2843 57.998/ 58.021	0.9291 23.60	0.0593 1.506	
MB5312AM STD/.25/.5/.75/1.0 ACL: 5M8242 DAI: M8450A NDC: MS-2016 OEM: WLY1-11-SG0 VAN: VPM04013	M5312U M5312L	5 Pairs	1-5	0.0000/ 2.6360 0.000/ 66.954	2.7961/ 2.7961 71.021/ 71.021	0.8858 22.50	0.0787 1.999	
TW 269AM <i>Under Development</i> ACL: 2T8242 DAI: T8450A NDC: TW-2016A OEM: WLY1-11-SJ0	W 269	2 Pairs		2.9488/ 2.9587 74.900/ 75.151	3.5965/ 3.6063 91.351/ 91.600	0.0000 0.00	0.0980 2.489	
26	AM1 L4 Mitsubishi 156Cl /2.6Liter, SOHC, 8 Valves, Gasoline	01/1987-12/1988	2555 cc	91.10 X 98.00	4 cyl	B2600	26	
CR4466AM STD/.25/.5/.75/1.0/1.5 ACL: 4B1136 CLE: CB-1220AL (4) DAI: R7270A FMO: 4-66675CP GLA: B4559SA GLY: 71-4194/4 NDC: CB-1131GP OEM: MD020891 OEM: AM15-11-SE0 VAN: VPR91683A	C4466	4 Pairs		2.0858/ 2.0866 52.979/ 53.000	2.2047/ 2.2055 55.999/ 56.020	0.9840 24.99	0.0590 1.499	
CS 327BB <i>Balance shaft bearing.</i> ACL: 3B8288 CLE: SH-1429S DUR: MIG-2 FMO: 1805M OEM: MD008288	S 327	2	1-2	1.6933/ 1.6939 43.010/ 43.025	1.8122/ 1.8130 46.030/ 46.050	0.7870 19.99	0.0583 1.481	
MB 546AM STD/.25/.5/.75/1.0 <i>Same as MB5195AM but with flange STD length in all undersizes.</i> ACL: 5M1139 CLE: MS-1945P DAI: M7275A FMO: 6618M GLA: M5407LC NDC: MS-1819 (F STD) OEM: AM01-11-SG0	M 546U M 546L	4 Pairs	1-2-4-5	2.3614/ 2.3622 59.980/ 60.000	2.5197/ 2.5205 64.000/ 64.021	0.9894 25.13	0.0784 1.991	
	F 546	1 Pair	3	2.3614/ 2.3622 59.980/ 60.000	2.5197/ 2.5205 64.000/ 64.021	1.2190 30.96	0.0784 1.991	
MB5195AM STD/.25/.5/.75/1.0 <i>Flange length: STD 30.96 mm (FI STD) 0.25 30.16 mm (FI O/S 0.1mm) 0.5, 0.75, 1.0 31.21mm (FI O/S 0.25mm)</i> CLE: MS-1671 DAI: M7275A NDC: MS-1819 OEM: AM01-11-SG0 VAN: VPM91952A	M 546U M 546L	4 Pairs	1-2-4-5	2.3614/ 2.3622 59.980/ 60.000	2.5197/ 2.5205 64.000/ 64.021	0.9894 25.13	0.0784 1.991	
	F5195	1 Pair	3	2.3614/ 2.3622 59.980/ 60.000	2.5197/ 2.5205 64.000/ 64.021	1.2190 30.96	0.0784 1.991	
27	G6 L4 159Cl /2.6Liter, SOHC, 12 Valves, Gasoline	01/1989-12/1994	2606 cc	92.00 X 98.00	4 cyl	B2600i, MPV, Pick - up, Proceed	27	
CR4096AM STD/.25/.5/.75/1.0 ACL: 4B8140 CLE: CB-1455AL (4) DAI: R8112A FMO: 4-4200RA GLA: B4765 NDC: CB-2009A OEM: FEY1-11-SE0 OEM: FEYA-11-SE0 VAN: VPR92625	C4096	4 Pairs		2.0055/ 2.0062 50.940/ 50.957	2.1259/ 2.1267 53.998/ 54.018	0.8320 21.13	0.0594 1.509	
MB5139AM STD/.25/.5 <i>Flange length: STD - 25.96 mm (FI STD) 0.25 - 26.06 mm (FI oversize 0.25 mm); 0.50, 0.75 - 26.21 mm (FI oversize 0.25 mm) 1.0, 1.25, 1.50 - 26.45 mm (FI oversize 0.50 mm)</i> GLY: 7212M K.S: MS-2011A	M5139U M5139L	4 Pairs	1-2-4-5	2.3598/ 2.3602 59.939/ 59.949	2.5196/ 2.5204 63.998/ 64.018	0.7923 20.12	0.0791 2.009	
	F5139 M5139L	1 Pair	3	2.3598/ 2.3602 59.939/ 59.949	2.5196/ 2.5204 63.998/ 64.018	1.0220 25.96	0.0791 2.009	
MB5226AM STD/.25/.5/.75/1.0 <i>same as MB5139AM but with Flange STD in all undersizes</i> ACL: 5M8138 CLE: MS-2035AL FMO: 7212M- NDC: MS-2011A	M5139U M5139L	4 Pairs	1-2-4-5	2.3598/ 2.3602 59.939/ 59.949	2.5196/ 2.5204 63.998/ 64.018	0.7923 20.12	0.0791 2.009	
	F5226 M5139L	1 Pair	3	2.3598/ 2.3602 59.939/ 59.949	2.5196/ 2.5204 63.998/ 64.018	1.0220 25.96	0.0791 2.009	
28	XA Perkins /2.5Liter, 8 Valves, Diesel	01/1967-09/1980	2522 cc		0 cyl		28	
	XA /2.5Liter, 8 Valves, Diesel	09/1980-04/1989	2522 cc		0 cyl			
	XB Perkins /2.7Liter, 8 Valves, Diesel	01/1971-08/1977	2701 cc		0 cyl	Boxer		

MAZDA					MAZDA			
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
CR4417CP NDC:CB-2015	C4417	4 Pairs		2.2485/ 2.2490 57.112/ 57.125	2.3950/ 2.3955 60.833/ 60.846	1.1240 28.55	0.0724 1.839	
MB5311CP STD/.25/.5/.75/1.0 <i>SUPERSEDED BY MB5311CP</i> DAI:M8400K K.S:MS-2000GP NDC:MS-2000 OEM:0527-23-110	M5311	5 Pairs	1-5	2.7485/ 2.7490 69.812/ 69.825	2.9160/ 2.9170 74.066/ 74.092	1.1300 28.70	0.0827 2.101	
29	JE,JE06,JE07 V6 180CI /3.0Liter, SOHC, 18 Valves, Gasoline JE27 JE	07/1977- 12/1998	2954 cc	90.00 X 77.00	6 cyl	929, MPV, Centia, Luce	29	
	JE27 V6 180CI /3.0Liter, DOHC, 24 Valves, Gasoline	01/1990- 12/1991	2954 cc	90.00 X 77.00	6 cyl	929		
	JE48 V6 180CI /3.0Liter, DOHC, 24 Valves, Gasoline	01/1992- 12/1995	2954 cc	90.00 X 77.00	6 cyl	929		
	JE39 V6 180CI /3.0Liter, SOHC, 18 Valves, Gasoline	01/1990- 12/1991	2954 cc	90.00 X 77.00	6 cyl			
CR6655AM STD/.25/.5/.75/1.0 ACL:6B8350 CLE:CB-1592/1653(6) DAI:R 834A FMO:6-1970RA/6-4695 GLA:B6671 NDC:CB-2010A OEM:KJY1-11-SE0 OEM:JEY0-11-SE0 VAN:VPR06032	C6655	6 Pairs		2.0839/ 2.0848 52.931/ 52.954	2.2047/ 2.2055 55.999/ 56.020	0.6690 16.99	0.0595 1.511	
MB 474AM STD/.25/.5/.75 ACL:4M8352 CLE:MS-1952P DAI:M8304A FMO:7140M GLA:M4294 NDC:MS-2010GP OEM:JEY1-11-SG0 OEM:JEY8-11-SG0	M 474U M 474L	4 Pairs		2.4386/ 2.4392 61.940/ 61.956	2.5984/ 2.5992 65.999/ 66.020	0.7090 18.01	0.0792 2.012	
TW 256AM ACL:2T8352 CLE:TW- 552S DAI:T 834A FMO:1603AF GLA:W4099Z K.S:TW-2010GP NDC:TW-2010GP OEM:JFY1-11-SJ0 VAN:VFW02016A	W 256D W 256E	2 Pairs		2.6772/ 2.6870 68.001/ 68.250	3.1496/ 3.1594 80.000/ 80.249	0.0000 0.00	0.0810 2.057	
30	181 V6 Ford 183CI /3.0Liter, DURATECH, DOHC, 24 Valves, Gasoline	01/2001- 12/2006	2968 cc	89.00 X 79.50	6 cyl	MPV, Tribute	30	
CR6751SI STD/.25/.5/.75/1.0 ACL:6B4395A CLE:CB-1772P(6) ~ FMO:6-4395A OEM:AJ03-11-225	C6751	6 Pairs		1.9674/ 1.9681 49.972/ 49.990	2.0872/ 2.0880 53.015/ 53.035	0.7067 17.95	0.0592 1.504	
MB4056SI STD/.25/.5/.75/1.0 ACL:4M7262A CLE:MS-2207P ~ FMO:7262MA OEM:AJ03-11-SG0	M4056U M4056L	3 Pairs	1-2,4	2.4791/ 2.4800 62.969/ 62.992	2.6771/ 2.6780 67.998/ 68.021	0.7047 17.90	0.0985 2.502	
	M4056U F4056L	1 Pair	3	2.4791/ 2.4800 62.969/ 62.992	2.6771/ 2.6780 67.998/ 68.021	0.8783 22.31	0.0985 2.502	
	W4056	1 Half	3	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.0767 1.948	
31	183 V6 Ford 182CI /3.0Liter, VULCAN, OHV, 12 Valves, vin U, Gasoline	01/1994- 12/2007	2982 cc	89.00 X 80.00	6 cyl	B3000	31	
	183 V6 Ford 182CI /3.0Liter, VULCAN, OHV, 12 Valves, vin V, Flex	01/1999- 12/2003	2982 cc	89.00 X 80.00	6 cyl	B3000		
CR 691SI STD/.25/.5/.75/1.0 ACL:6B1385 CLE:CB-1385AL(6) FMO:6-1220CP OEM:ZZM1-11-225	C 691	6 Pairs		2.1253/ 2.1261 53.983/ 54.003	2.2500/ 2.2508 57.150/ 57.170	0.7580 19.25	0.0618 1.570	
CS 425BB ACL:4C048S CLE:SH-1334S DUR:F-48 FMO:1777M								
MB 459SI ACL:4M1702 CLE:MS-1702P FMO:7011M	M 459/1U M 459/1L	2 Pairs	1-2	2.5190/ 2.5198 63.983/ 64.003	2.7120/ 2.7127 68.885/ 68.903	0.7360 18.69	0.0962 2.443	
	M 459/4U M 459/4L	1 Pair	4	2.5190/ 2.5198 63.983/ 64.003	2.7120/ 2.7127 68.885/ 68.903	1.0630 27.00	0.0961 2.441	

MAZDA				MAZDA					
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
	F 459U F 459L	1 Pair	3	2.5190/ 2.5198 63.983/ 64.003	2.7120/ 2.7127 68.885/ 68.903	1.0100 25.65	0.0961 2.441		
32	HA Perkins 8 Valves, Diesel	05/1977-03/1989	2977 cc	95.00 X 105.00	4 cyl	Titan	32		
	SL,SLT L4 8 Valves, Diesel	02/1984-03/1989	3455 cc	100.00 X 110.00	4 cyl	Titan			
MB5057AM	ACL:5M1777 FMO:6670M GLY:H1191/5 VAN:VPM92039	CLE:MS-1640P GLA:M5433 NDC:MS-1153	M5057U	4 Pairs		2.9846/ 2.9852 75.809/ 75.824	3.1524/ 3.1532 80.071/ 80.091	1.1260 28.60	0.0828 2.103
			M5057U M5057L	1 Pair		2.9846/ 2.9852 75.809/ 75.824	3.1524/ 3.1532 80.071/ 80.091	1.1260 28.60	0.0828 2.103
33	245 V6 Ford 245CI /4.0Liter, OHV, 12 Valves, vin X, Gasoline	01/1990-12/2000	4016 cc	104.00 X 84.30	6 cyl	B4000, Navajo	33		
CR 642SI	ACL:6B723 FMO:6-3055CP GLY:71-2185/6 OEM:ZZL2-11-SEO	CLE:CB- 723AL(6) GLA:B6405SA K.S:87 280 600 VAN:VPR91201	C 642	6 Pairs		2.1252/ 2.1260 53.980/ 54.000	2.2370/ 2.2378 56.820/ 56.840	0.6490 16.48	0.0552 1.402
MB4023SI STD/010/020/030/040	ACL:4M2006 FMO:7245M OEM:ZZLO-11-SGO	CLE:MS-2006P GLA:M4269SA VAN:VPM92319	M4023U M4023L	3 Pairs	1-2-4	2.2433/ 2.2441 56.980/ 57.000	2.3866/ 2.3874 60.620/ 60.640	0.8500 21.59	0.0710 1.803
			F4023U F4023L	1 Pair	3	2.2433/ 2.2441 56.980/ 57.000	2.3866/ 2.3874 60.620/ 60.640	1.0350 26.29	0.0710 1.803
34	245 V6 Ford 245CI /4.0Liter, SOHC, 12 Valves, vin E, Gasoline	01/2001-12/2008	4016 cc	100.40 X 84.30	6 cyl	B4000	34		
CR 642SI	ACL:6B723 FMO:6-3055CP GLY:71-2185/6 OEM:ZZL2-11-SEO	CLE:CB- 723AL(6) GLA:B6405SA K.S:87 280 600 VAN:VPR91201	C 642	6 Pairs		2.1252/ 2.1260 53.980/ 54.000	2.2370/ 2.2378 56.820/ 56.840	0.6490 16.48	0.0552 1.402
MB4023SI STD/010/020/030/040	ACL:4M2006 FMO:7245M OEM:ZZLO-11-SGO	CLE:MS-2006P GLA:M4269SA VAN:VPM92319	M4023U M4023L	3 Pairs	1-2-4	2.2433/ 2.2441 56.980/ 57.000	2.3866/ 2.3874 60.620/ 60.640	0.8500 21.59	0.0710 1.803
			F4023U F4023L	1 Pair	3	2.2433/ 2.2441 56.980/ 57.000	2.3866/ 2.3874 60.620/ 60.640	1.0350 26.29	0.0710 1.803

Engine Index: MAZDA PERFORMANCE

Engine-Code	Years	Cyl	CC	Line
Mazda 2.0 Duratech		0	0	1
B6 \ B6-T SOHC/DOHC		4	1597	2

Engine-Code	Years	Cyl	CC	Line
BP \ BP-T SOHC/DOHC		4	1839	2

Car Model Index: MAZDA PERFORMANCE

Model	Engine	Years	Cyl	CC	Line

MAZDA PERFORMANCE				MAZDA PERFORMANCE			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	Mazda 2.0 Duratech				0 cyl		1
CR4515XP _{STD/.25/STD} <i>Under Development</i> ACL:4B4390H	C4515-PR	4 Pairs		1.8496/ 1.8504 46.980/ 47.000	1.9695/ 1.9703 50.025/ 50.046	0.6400 16.26	0.0592 1.504
2	B6 \ B6-T SOHC\DOHC BP \ BP-T SOHC\DOHC		1597 cc 1839 cc	78.00 X 84.00 83.00 X 85.00	4 cyl 4 cyl		2
CR4002XP _{STD/.25} ACL:4B8351H	C4002-PR	4 Pairs		1.7693/ 1.7699 44.940/ 44.955	1.8896/ 1.8904 47.996/ 48.016	0.6690 16.99	0.0596 1.514
MB5304XP _{STD/.25/.5} ACL:5M8353H	M5537U-PR M5304L-PR	5 Pairs	1-5	1.9661/ 1.9668 49.939/ 49.957	2.1259/ 2.1267 53.998/ 54.018	0.7020 17.83	0.0793 2.014
TW 133AM _{STD/.5} ACL:1T8353 DAI:T8108A GLA:W2408L NDC:TW-2008A OEM:B6Y0-11-SJ0	W 133	1 Pair		2.2539/ 2.2638 57.249/ 57.501	2.7067/ 2.7165 68.750/ 68.999	0.0000 0.00	0.1004 2.550

Engine Index: MERCEDES BENZ

Engine-Code	Years	Cyl	CC	Line
M 166.940	1998-	4	1397	3
M 166.960	1998-	4	1598	3
OM 688	1998-	4	1689	3
M 136	1949-57	4	1767	1
OM 636	1951-61	4	1767	1
M 102 .910/918/919	1990-	4	1796	14
M271.940		4	1796	2
M 111 .920/921	4/1993-	4	1799	7
M 166	1998-	4	1900	3
OM 601 .911/912	1983-84	4	1977	8
M 121	1955-68	4	1987	4
OM 621	1958-68	4	1987	4
M 115	1968-80	4	1988	10
OM 615	1968-79	4	1988	11
M 102	1980-	4	1996	14
OM 601 .911/912/913/921	1984-93	4	1997	8
M 111	9/1992-	4	1998	7
OM 646.961 , 811-812, 820-821,	03.2002-	4	2148	5
OM 611.962 + Euro3 981, 983,	1998-	4	2150	5
OM 604	8/1993-	4	2155	6
M 127, M 180	1951-	6	2195	9
OM 615	1968-78	4	2196	11
M 115	1968-74	4	2197	10
M 111 .960/961	9/1992-	4	2199	7
M127, M 180	1966-	6	2292	9
M 111	1995-	4	2295	7
M 102	1980-	4	2298	14
OM 601	1993-	4	2299	8
M 127, M180	1963 -	6	2306	9
M 115	1973-83	4	2307	10
M 112	1997-	6	2398	26
OM 616	1973-	4	2400	11
M 114	1968-	6	2496	17
M 108, M129	1965-67	6	2496	12

Engine-Code	Years	Cyl	CC	Line
OM 605 .910/911/912/960	8/1993-	5	2497	13
M 102	1988 -	4	2497	14
OM 602	1983-	5	2497	21
M 123	1976-	6	2525	15
M 103 .940/941/942/943	1985-92	6	2598	22
M 110	1972-	6	2745	16
M 130	1968-72	6	2778	17
2.8 O.H.C		6	2792	18
VW VR6	1999-	6	2792	19
M 112	1997-	6	2799	26
M 104 .980/981	1992-	6	2799	27
OM 612 (Turbo Diesel)	1999-	5	2874	20
OM 602	1993-	5	2874	21
M 103	1985-	6	2960	22
M 104 .941/942/943/944/945	1989-92	6	2960	27
OM 606 .910/912/961/962/964	8/1993-	6	2996	23
OM 613 (Turbo Diesel)	1999-	6	2996	24
OM 603	1985-	6	2996	28
OM 617	1974 -	5	2997	25
OM 617	1978 -	5	3003	25
M 112	1997-	6	3199	26
M 104 .990/991/992/994/995/996	1992-	6	3200	27
OM 603	1992-	6	3449	28
AJ6 DOHC 4 Valve Head		6	3590	29
OM 314 II Serie	1966-	4	3782	30
OM 314 (Brazil)		4	3782	31
OM 364	1984-	4	3972	32
OM 364 (Brazil)		4	3972	33
OM 628 (Turbo Diesel)	2000-	8	3996	34
4.2 O.H.C Fuel Injection		6	4235	35
OM 904	1998-	4	4247	36
M 113	1997-	8	4266	37
M 113	1998-	8	4966	37
5.3 O.H.C V12		12	5343	38

Engine-Code	Years	Cyl	CC	Line
OM 352	1965-	6	5672	39
OM 362	1965-	6	5672	39
M 352-O (Brazil)		6	5672	40
OM 352 (Brazil)		6	5672	40
OM 352 Re-enforced block		6	5672	43
M 137	1999-	12	5786	41
OM 366	1984-	6	5958	42
OM 366 (Brazil)		6	5958	43
M 120	1992-	12	5987	44
OM 906	1998-	6	6370	45
OM 360		6	8721	46
OM 409		5	9200	47
OM 355		5	9646	48
OM 346	1964 -	6	10803	49
OM 421 901-410, 901/-400, 951,	02.1984-	6	10958	50
OM 407		6	11039	52

Engine-Code	Years	Cyl	CC	Line
OM 427		6	11407	52
OM 355 A/H	1969-	6	11575	51
OM 447		6	11961	52
OM 402 EURO 1		8	12760	53
OM 422 901-410, 951-952, 954,		8	14618	53
OM 440 / EURO 1		8	14618	53
OM 442 901-520, 901/-400	03.1991-	8	14618	53
OM 446 EURO 2 924-931, 934,		8	14618	53
OM 442 EURO 1 / EURO 0		8	15071	53
OM 403		10	15945	54
OM 423 900/-000, 905-909, 901-		10	18273	54
OM 443 901/-400	08.1989-	10	18273	54
OM 443 EURO 1 901-504	07.1995-	10	18273	54
OM 443 EURO 0 901-500, 980,		10	18838	54
OM 424 901-400, 901-500, 901-	1980-	12	21930	55






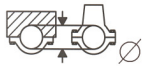


Car Model Index: MERCEDES BENZ

Model	Engine	Years	Cyl	CC	Line
200 (W123), L207/	M 115		4	1988	10
300CD/SD, 300TD	OM 617		5	3003	25
CLK 200/200K, SLK	M 111		4	1998	7
0 302,0 303, 305, 0	OM 352	1964-	6	5672	39
0301,0402	OM 366	1984-	6	5958	42
0302,0317,1424,1621,1	OM 355 A/H		6	11575	51
0303, 1425, 1625, 1628,	OM 422 901-410,	1981-	8	14618	53
0303,1424,1624,1626,1	OM 402 EURO 1		8	12760	53
0303,1626,1632,1926,1	OM 403		10	15945	54
1114,1214,1314,1414,1	OM 366	1984-	6	5958	42
1217, 1313, 1317, 1413,	OM 352	1964-	6	5672	39
1217, 1419, 1420, 1617,	OM 362	1965-	6	5672	39
1636, 1935, 1936,	OM 423 900/-000,		10	18273	54
170, 180	M 136		4	1767	1
170D,170DS,170DA,18	OM 636	1951-	4	1767	1
1717, 1813	OM 352	1964-	6	5672	39
180D, 190D, 200D, U	M 121		4	1987	4
180D,	OM 621	1	4	1987	4
190 D,200 D	OM 601 .911/912		4	1977	8
190 D,200 D,C 200 D,E	OM 601		4	1997	8
190 D,250 D/TD,250	OM 602		5	2497	21
190 E 1.8	M 102	1990-	4	1796	14
190 E 2.5 16V	M 102		4	2497	14
190,190E,200,200E/T/G	M 102	1980-	4	1996	14
190E	M 103	1985-	6	2598	22
190E 2.3, 230E/GE, G	M 102		4	2298	14
1923, 1928, 2026, 2028,	OM 422 901-410,	1979-	8	14618	53
200 E/CE/TE, Vito 113	M 111		4	1998	7
200, O309B	M 121		4	1987	4
200D, L206/306D	OM 615		4	1988	11
219, 220, U S404,113	M 127, M 180		6	2195	9
220/ 8, L408, O309	M 115	1968-74	4	2197	10
220D,L206/306,O309D,	OM 615		4	2196	11
230	M127, M 180	1968-74	6	2292	9
230	M 127, M180		6	2306	9
230, 230G (W123),	M 115		4	2307	10
240D,	OM 617		5	2997	25
240D,O309D,L207/307/	OM 616		4	2400	11
250	M 108, M129		6	2496	12
250 All models	M 123	1976-	6	2525	15
250, U110/404	M 114		6	2496	17
250c,280S/SE/SL,300S	M 130	1968-72	6	2778	17

Model	Engine	Years	Cyl	CC	Line
260E/SE, 300SE	M 103	1985-	6	2598	22
280 (W123) All models	M 110	1972-	6	2745	16
280 C/S/SL, E 280T	M 104 .980/981		6	2799	27
300 D,300 GD,E 300 TD	OM 603		6	2996	28
300 E/CE/SL/TE	M 104		6	2960	27
300 SE/SEL 3.2,	M 104		6	3200	27
300E/GE/SE/SL/TE	M 103	1985-	6	2960	22
310, 408, 508, 608, 709,	OM 314 II Serie		4	3782	30
322,0	OM 352	1964-	6	5672	39
600 SE/SL, CL/S/SL	M 120		12	5987	44
609, 709, 711, 809,	OM 364	1984-	4	3972	32
700 Tractor	OM 364	1984-	4	3972	32
814,8141,914	OM 366	1984-	6	5958	42
A Klasse A 160/170	OM 688		4	1689	3
A-Klasse A 140	M 166.940		4	1397	3
A-Klasse A 160	M 166.960		4	1598	3
A-Klasse A 190	M 166		4	1900	3
Baumuster (Trucks)	OM 360		6	8721	46
Baumuster	OM 904		4	4247	36
Baumuster 906	OM 906		6	6370	45
Bus 0309	OM 314 II Serie		4	3782	30
C 180/180T	M 111 .920/921		4	1799	7
C 200/200T,E	M 111		4	1998	7
C 200CDI, C/E 220CDI	OM 611.962 +		4	2150	5
C 230, E 230/230T, V	M 111		4	2295	7
C 43/43T, S 430, ML	M 113		8	4266	37
C-CLASS 230 COMPR.	M271.940	02.2004-	4	1796	2
C-CLASS 230 COUPE	M271.940	05.2002-	4	1796	2
C/E 200	M 111 .960/961		4	2199	7
C/E 220, C220 T 16V	OM 604		4	2155	6
C/E 240/240T	M 112		6	2398	26
C/E 250, C 250 T 20V	OM 605		5	2497	13
C/E 280/280T	M 112		6	2799	26
C180 COMPR. 16V	M271.940	01.2002-	4	1796	2
C200 CGI 16V	M271.940	01.2002-	4	1796	2
C200 COMPR. 16V	M271.940	05.2002-	4	1796	2
CLC 180 COMPR. 16V	M271.940	05.2008-	4	1796	2
CLK 200 COMPR. 16V	M271.940	09.2002-	4	1796	2
CLK 230 Coupe K, SLK	M 111		4	2295	7
Caminhaio, Onibus 365	OM 352 Re-		6	5672	43
Double-six	5.3 O.H.C V12	1972-	12	5343	38
Double-six Vanden Plas	5.3 O.H.C V12	1972-	12	5343	38

Model	Engine	Years	Cyl	CC	Line
E 250 TD,U 90 (124)	OM 602		5	2497	21
E 290/290 T/TD,290 GD	OM 602		5	2874	21
E 290TD 2.9	OM 612 (Turbo		5	2874	20
E 300/300T D/TD, G	OM 606		6	2996	23
E 300TD 3.0	OM 613 (Turbo		6	2996	24
E 320/320T, CLK/SLK	M 112		6	3199	26
E 430/430T, CLK 430,	M 113		8	4266	37
E Class 220 CDI	OM 646.961 , 811-	03.2002-	4	2148	5
G 290 TD (210)	OM 602		5	2874	21
Industry Engine	OM 403		10	15945	54
Industry Engine	OM 314 II Serie	1966-	4	3782	30
Industry Engine	OM 421 901-410,		6	10958	50
Industry Engine	OM 402 EURO 1		8	12760	53
Industry Engine	OM 422 901-410,		8	14618	53
Industry Engine	OM 355 A/H		6	11575	51
L208/210/308/408/409/4	M 115		4	2307	10
L319D,o319D,I405,I406	OM 636	1951-	4	1767	1
L710, 810, 811, 813,	OM 352	1964-	6	5672	39
M/ML 230, C/T 230,	M 111		4	2295	7
M/ML 320	M 112		6	3199	26
O309B	M 115		4	1988	10
S 300TD, E 320TD, 3.0	OM 606		6	2996	23
S 350 D/TD,G 350 TD	OM 603		6	3449	28
S 400 CDI 4.0	OM 628 (Turbo		8	3996	34
S/SL 320, Push G	M 112		6	3199	26
S/SL 280	M 112		6	2799	26
S/SL 500 ,S 500 ZAS,	M 113		8	4966	37

Model	Engine	Years	Cyl	CC	Line
SL 600	M 137		12	5786	41
Sovereign 2.8	2.8 O.H.C	1969-73	6	2792	18
Sovereign 3.6	AJ6 DOHC 4	1986-	6	3590	29
Sovereign 4.2	4.2 O.H.C Fuel	1965-78	6	4235	35
Sprinter 208 D,UX 100	OM 601		4	2299	8
Sprinter	OM 602		5	2874	21
Sprinter 410/412 D	OM 602		5	2874	21
T2 Vario,UX 100	OM 602		5	2874	21
Trac 65, 70, 72, 800,	OM 314 II Serie		4	3782	30
Transp.	OM 601		4	2299	8
U 45/421, U52/421	OM 615		4	2196	11
U 65/421-	OM 616		4	2400	11
U 90/110/140	OM 602		5	2874	21
U1300,1500/T,1700,900	OM 352	1964-	6	5672	39
U30,u32,u34	OM 636	1951-	4	1767	1
U54, U66, U72, 800,	OM 314 II Serie		4	3782	30
Unimog	OM 636	1951-	4	1767	1
Unimog U82/404	M 115		4	2307	10
V-Klasse	VW VR6		6	2792	19
Vehicle	OM 366 (Brazil)		6	5958	43
Vehicle,industr.,agri,mar	OM 314 (Brazil)		4	3782	31
Vehicle,industr.,agri,mar	OM 352 (Brazil)		6	5672	40
Vehicle,industr.,agri,mar	M 352-O (Brazil)		6	5672	40
Vehicle,industr.,agri,mar	OM 364 (Brazil)		4	3972	33
Vito 108/110 D,MB 100	OM 601		4	2299	8
sovereign 4.2 Series III	4.2 O.H.C Fuel	1978-	6	4235	35

MERCEDDES BENZ				MERCEDDES BENZ			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	OM 636	1951-61	1767 cc	75.00 X 100.00	4 cyl	170D,170DS,170DA,180D,180DB, L319D,o319D,I405,I406, U30,u32,u34 Refrigerastion, Unimog 411.110,411.118,411.119	1
	M 136	1949-57	1767 cc	75.00 X 100.00	4 cyl	170, 180	
CR4225CP CLE:CB- 941P(4) GLA:B4228LC GLY: 71-0271/4 VAN:VPR772LC	C4225	4 Pairs		1.9661/ 1.9669 49.939/ 49.959	2.1260/ 2.1267 54.000/ 54.018	1.1063 28.10	0.0790 2.007
MB3353CP STD./25./5./75/1.0/1.25/1.5 GLY:H 113/3 K.S:87 802 600	M3353/1	1 Pair	1	2.1630/ 2.1638 54.940/ 54.961	2.3425/ 2.3433 59.500/ 59.520	1.1450 29.08	0.0890 2.261
	M3353/2U M3353/2L	1 Pair	2	2.1630/ 2.1638 54.940/ 54.961	2.3425/ 2.3433 59.500/ 59.520	1.4610 37.11	0.0890 2.261
	F3353	1 Pair	3	2.1630/ 2.1638 54.940/ 54.961	2.3425/ 2.3433 59.500/ 59.520	1.4540 36.93	0.0890 2.261
2	M271.940 M271.946 - M271.948 -		1796 cc	82.00 X 85.00	4 cyl	C-CLASS 230 COMPR. 16V, C-CLASS 230 COUPE COMPR. 16V, C180 COMPR. 16V, C200 CGI 16V, C200 COMPR. 16V, CLC 180 COMPR. 16V, CLK 200 COMPR. 16V	2
CR4536CA STD./25./5./75 GLY: 71-4002/4	C4536U C4536L	4 Pairs		1.8874/ 1.8884 47.940/ 47.965	2.0315/ 2.0322 51.600/ 51.618	0.7874 20.00	0.0715 1.816






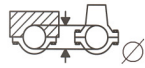


430

CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer









MERCEDES BENZ				MERCEDES BENZ				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
MB5666SI STD./25/.5/75 GLY:H1002/5	M5666U M5666L	5 Pairs		2.1640/ 2.3598 54.966/ 59.939	2.3228/ 2.3236 58.999/ 59.019	0.7874 20.00	0.0795 2.019	
3	M 166.940	1998-	1397 cc	80.00 X 69.50	4 cyl	A-Klasse A 140	3	
	M 166.960	1998-	1598 cc	80.00 X 79.50	4 cyl	A-Klasse A 160		
	OM 688	1998-	1689 cc	80.00 X 84.00	4 cyl	A Klasse A 160/170 TD/TDI		
	M 166	1998-	1900 cc	80.00 X 94.50	4 cyl	A-Klasse A 190		
CR4290CP <i>Under Development</i> GLY:71-3842/4	C4290*	4 Pairs		1.8087/ 1.8096 45.941/ 45.964	1.9528/ 1.9534 49.601/ 49.616	0.7441 18.90	0.0717 1.821	
MB5327AM GLY:H 065/5	M5327U M5327L	5 Pairs	1-5	2.1630/ 2.1640 54.940/ 54.966	2.3228/ 2.3236 58.999/ 59.019	0.6693 17.00	0.0792 2.012	
TW2007AM STD./25 GLY:A 151/4	W2007D W2007E	2 Pairs		2.4114/ 0.0000 61.250/ 0.000	2.9921/ 0.0000 75.999/ 0.000	0.0000 0.00	0.0860 2.184	
4	M 121	1955-68	1987 cc	87.00 X 83.60	4 cyl	180D, 190D, 200D, U 40/421, 200, O309B	4	
	OM 621	1958-68	1987 cc	87.00 X 83.60	4 cyl	180D, 190D,200D,L405D, 406D		
CR4197CP <i>Under Development</i> GLY:71-1459/4 K.S:87 954 600	C4197U* C4197L*	4 Pairs		2.0455/ 2.0459 51.956/ 51.966	2.1890/ 2.1897 55.601/ 55.618	1.0236 26.00	0.0711 1.806	
MB 377CP GLY:H 580/3 VAN:VP91050 K.S:87 837 600	M 377U M 536L	2 Pairs	1,3	2.7541/ 2.7545 69.954/ 69.964	2.9331/ 2.9338 74.501/ 74.519	1.0630 27.00	0.0888 2.256	
	F 377	1 Pair	2	2.7541/ 2.7545 69.954/ 69.964	2.9331/ 2.9338 74.501/ 74.519	1.3350 33.91	0.0888 2.256	
MB5066CP <i>Under Development</i> GLY:H 580/5 K.S:87 953 600	M5591/1 M 536L	4 Pairs	1-2-4-5	2.7541/ 2.7545 69.954/ 69.964	2.9331/ 2.9338 74.501/ 74.519	1.0630 27.00	0.0888 2.256	
	F5066U* F5066L*	1 Pair	3	2.7541/ 2.7545 69.954/ 69.964	2.9331/ 2.9338 74.501/ 74.519	1.3350 33.91	0.0888 2.256	
PB 154CP GLY:55-2532								
5	OM 646.961 , 811-812, 820-821, 951, 961-963, 966, 980-986, 989-990, 992	03.2002-	2148 cc	88.00 X 88.30	4 cyl	E Class 220 CDI	5	
	OM 611.962 + Euro3 981, 983, 987 DE22LA (Turbo Diesel)	1998-	2150 cc	88.00 X 88.40	4 cyl	C 200CDI, C/E 220CDI		
CR1018XA STD./25/.5/75/1.0/1.25/1.5 CLE:CB-1842P(1) FMO:4945P GLY:71-3876/1~ K.S:79 395 600	C4327U C4327L	1 Pair		1.8878/ 1.8884 47.950/ 47.965	2.0315/ 2.0322 51.600/ 51.618	0.8583 21.80	0.0713 1.811	
CR4327XA STD./25/.5/75/1.0 GLY:71-3876 K.S:77 521 600~ VAN:VPR04016SP	C4327L C4327U	4 Pairs		1.8878/ 1.8884 47.950/ 47.965	2.0315/ 2.0322 51.600/ 51.618	0.8583 21.80	0.0713 1.811	
MB1190XA STD./25/.5/75/1.0 GLY:72-3856/1	M5117U M5117L	1 Pair		2.2815/ 2.2821 57.950/ 57.965	2.4606/ 2.4614 62.499/ 62.520	0.6890 17.50	0.0890 2.261	
MB5330XA GLY:H 068/5~ K.S:77 518 600~ VAN:VPM05026SP ~	M5117U M5117L	5 Pairs		2.2815/ 2.2821 57.950/ 57.965	2.4606/ 2.4614 62.499/ 62.520	0.6890 17.50	0.0890 2.261	
TW2008AM STD./10/.20/.25/5 GLA:W2357SA GLY:A 129/4 VAN:VPW95145A	W2008D W2008E	2 Pairs		2.5905/ 0.0000 65.799/ 0.000	3.1890/ 0.0000 81.001/ 0.000	0.0000 0.00	0.0860 2.184	
6	OM 604	8/1993-	2155 cc	89.00 X 86.60	4 cyl	C/E 220, C220 T 16V	6	
CR4071SI STD./25/.5/75/1.0 <i>Under Development</i> CLE:CB-1300AL(4) FMO:4-4570P GLA:B4688SA GLY:01-3771 K.S:87 436 600	C4071	4 Pairs		1.8878/ 1.8884 47.950/ 47.965	2.0315/ 2.0322 51.600/ 51.618	0.8583 21.80	0.0710 1.803	
MB5117AM STD./25/.5/75/1.0 CLE:MS-1607AL FMO:7315M GLA:M5482SA GLY:H 997/5 K.S:87 435 600 VAN:VPM92322A	M5117U M5117L	5 Pairs		2.2815/ 2.2821 57.950/ 57.965	2.4606/ 2.4614 62.499/ 62.520	0.6890 17.50	0.0890 2.261	





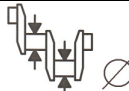
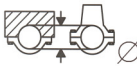


MERCEDES BENZ					MERCEDES BENZ			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
TW2008AM STD/.10/.20/.25/.5 GLA:W2357SA GLY:A 129/4 VAN:VPW95145A	W2008D W2008E	2 Pairs		2.5905/ 0.0000 65.799/ 0.000	3.1890/ 0.0000 81.001/ 0.000	0.0000 0.00	0.0860 2.184	
7	M 111 .920/921 M 111 .940/941/942/943/944/945/946/947/948/950/966 M 111 .960/.961 M 111 .970/973/974/975/977/978/979/980	4/1993- 9/1992- 9/1992- 1995-	1799 cc 1998 cc 2199 cc 2295 cc	85.30 X 78.70 89.90 X 78.70 89.90 X 86.60 90.90 X 88.40	4 cyl 4 cyl 4 cyl 4 cyl	C 180/180T CLK 200/200K, SLK 200/200K, 200 E/CE/TE, Vito 113, C 200/200T,E 200/200T,200 E/CE C/E 200 C 230, E 230/230T, V 230, CLK 230 Coupe K, SLK 230 K, M/ML 230, C/T 230,	7	
CR4292CP STD/.25/.5/.75/1.0/1.25/1.5 <i>Upper half - with slot.</i> CLE:CB-1299P(4) GLA:B4742LB GLY:71-3817/4 K.S:77 530 600 VAN:VPR92576	C4292U C4292L	4 Pairs		1.8878/ 1.8884 47.950/ 47.965	2.0315/ 2.0322 51.600/ 51.618	0.8583 21.80	0.0715 1.816	
MB5117AM STD/.25/.5/.75/1.0 CLE:MS-1607AL FMO:7315M GLA:M5482SA GLY:H 997/5 K.S:87 435 600 VAN:VPM92322A	M5117U M5117L	5 Pairs		2.2815/ 2.2821 57.950/ 57.965	2.4606/ 2.4614 62.499/ 62.520	0.6890 17.50	0.0890 2.261	
TW2008AM STD/.10/.20/.25/.5 GLA:W2357SA GLY:A 129/4 VAN:VPW95145A	W2008D W2008E	2 Pairs		2.5905/ 0.0000 65.799/ 0.000	3.1890/ 0.0000 81.001/ 0.000	0.0000 0.00	0.0860 2.184	
8	OM 601 .911/912 Diesel OM 601 .911/912/913/921 Diesel OM 601 D23/D23LA/900/940/941/942/943/970 Diesel/Turbo Diesel	1983-84 1984-93 1993-	1977 cc 1997 cc 2299 cc	87.00 X 83.20 87.00 X 84.00 89.00 X 92.40	4 cyl 4 cyl 4 cyl	190 D,200 D 190 D,200 D,C 200 D,E 200 D Sprinter 208 D,UX 100, Transp. 208/308/408/508 D, Vito 108/110 D,MB 100 D	8	
CR4071AM STD/.25/.5/.75/1.0 <i>For Eng. OM 601.911/912/913/921</i> VAN:VPR92325A	C4071	4 Pairs		1.8878/ 1.8884 47.950/ 47.965	2.0315/ 2.0322 51.600/ 51.618	0.8583 21.80	0.0710 1.803	
CR4335XA STD/.25/.5/.75/1.0 <i>For Eng. OM 601.970</i> GLY:71-3645/4~ K.S:77 287 600~	C 522U C 522L	4 Pairs		1.8878/ 1.8884 47.950/ 47.965	2.0315/ 2.0322 51.600/ 51.618	0.8535 21.68	0.0711 1.806	
MB5117AM STD/.25/.5/.75/1.0 CLE:MS-1607AL FMO:7315M GLA:M5482SA GLY:H 997/5 K.S:87 435 600 VAN:VPM92322A	M5117U M5117L	5 Pairs		2.2815/ 2.2821 57.950/ 57.965	2.4606/ 2.4614 62.499/ 62.520	0.6890 17.50	0.0890 2.261	
TW2008AM STD/.10/.20/.25/.5 GLA:W2357SA GLY:A 129/4 VAN:VPW95145A	W2008D W2008E	2 Pairs		2.5905/ 0.0000 65.799/ 0.000	3.1890/ 0.0000 81.001/ 0.000	0.0000 0.00	0.0860 2.184	
9	M 127, M 180 M127, M 180 M 127, M180	1951- 1966- 1963 -	2195 cc 2292 cc 2306 cc	80.00 X 72.80 81.75 X 72.80 82.00 X 72.80	6 cyl 6 cyl 6 cyl	219, 220, U S404,113 230 230	9	
CR6659CP STD/.25/.5/.75/1.0/1.25 <i>For 2.2L 1951-64 engines</i> GLA:B6213LC GLY:71-0313/6	C6659	6 Pairs		1.8874/ 1.8882 47.940/ 47.960	2.1260/ 2.1267 54.000/ 54.018	0.9449 24.00	0.1183 3.005	
CR6706CP <i>Under Development</i> <i>For 2.2L 1964- & 2.3L 1963-66 engines</i> GLY:71-2214/6	C6706*	6 Pairs		1.8874/ 1.8882 47.940/ 47.960	2.0315/ 2.0322 51.600/ 51.618	0.9449 24.00	0.0709 1.801	
CR6707CP <i>Under Development</i> <i>For 2.3L 1966 - engines</i> GLA:B6427LC GLY:71-2404/6	C6707*	6 Pairs		1.8874/ 1.8882 47.940/ 47.960	2.0315/ 2.0322 51.600/ 51.618	0.9449 24.00	0.0711 1.806	
MB 475CP STD/.25/.5/.75/1.25 FMO:4413M GLA:M4220LC GLY:H 581/4	M 475U M 475L F 475U F 475L	3 Pairs 1 Pair	1-3-4 2	2.3604/ 2.3608 59.954/ 59.964 2.3604/ 2.3608 59.954/ 59.964	2.6378/ 2.6385 67.000/ 67.018 2.6378/ 2.6385 67.000/ 67.018	0.9449 24.00 1.1770 29.90	0.1380 3.505 0.1380 3.505	






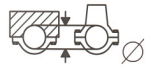


MERCEDES BENZ					MERCEDES BENZ				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
10	M 115	1968-80	1988 cc	87.00 X 83.60	4 cyl	200 (W123), L207/ 307/408, O309B	10		
	M 115	1968-74	2197 cc	87.00 X 92.40	4 cyl	220/ 8, L408, O309			
	M 115	1973-83	2307 cc	93.75 X 83.60	4 cyl	230, 230G (W123), O309, L208, L208/210/308/408/409/410, Unimog U82/404			
CR 443AM STD/.25/.5/.75/1.0/1.25/1.5 1968-73 Upper half with oil hole, lower half - plain. ACL: 4B2516 CLE: CB- 846AL (4) GLA: B4520SA GLY: 71-2773/4 K.S: 87 744 600 VAN: VPR91300	C 443U C 443L	4 Pairs		2.0454/ 2.0458 51.953/ 51.963	2.1890/ 2.1897 55.601/ 55.618	1.0240 26.01	0.0711 1.806		
CR4060AM STD/.25/.5/.75/1.0 1973-80 All halves - plain. CLE: CB-1026 (4) GLA: B4581SA GLY: 01-3040 K.S: 87 696 600 VAN: VPR91566 /92475	C 443L	4 Pairs		2.0455/ 2.0459 51.956/ 51.966	2.1890/ 2.1897 55.601/ 55.618	1.0236 26.00	0.0711 1.806		
CR4060CP 1973-80 All halves - plain. GLY: 71-3227/4									
MB 163AM STD/.25/.5/.75/1.0 Flanged bearing packed in pairs	F 536	1 Pair		2.7541/ 2.7545 69.954/ 69.964	2.9331/ 2.9338 74.501/ 74.519	1.3340 33.88	0.0887 2.253		
MB 536AM STD/.25/.5/.75/1.0/1.25/1.5 This set includes flanged bearing without oil groove. Flange length: STD 33.88 mm (FI STD) 0.25, 0.5 34.08 mm (FI oversize 0.2mm), 0.75 34.28mm (FI oversize 0.4 mm) 1.0, 1.25, 1.5 34.48 mm (FI Oversize 0.6mm), ACL: 5M2519 CLE: MS- 17AL FMO: 6356M GLA: M5292SA GLY: H 796/5 K.S: 87 741 600 VAN: VPM91301	F 536	1 Pair		2.7541/ 2.7545 69.954/ 69.964	2.9331/ 2.9338 74.501/ 74.519	1.3350 33.91	0.0887 2.253		
	M5591/1 M 536L	4 Pairs		2.7541/ 0.7545 69.954/ 19.164	2.9331/ 2.9338 74.501/ 74.519	1.0630 27.00	0.0880 2.235		
MB5039AM Same as MB 536AM, but with FI STD length 33.88 mm in all undersizes.									
11	OM 615	1968-79	1988 cc	87.00 X 83.60	4 cyl	200D, L206/306D	11		
	OM 615 OM 615.916-919 - OM 930/934/936--	1968-78	2196 cc	87.00 X 92.40	4 cyl	220D, L206/306, O309D, L406/408, U 45/421, U52/421			
	OM 616	1973-	2400 cc	90.90 X 92.40	4 cyl	240D, O309D, L207/307/407 D,, U 65/421-128, U600, L650			
CR 443AM STD/.25/.5/.75/1.0/1.25/1.5 -1972 Upper half with oil hole, lower half - plain. ACL: 4B2516 CLE: CB- 846AL (4) GLA: B4520SA GLY: 71-2773/4 K.S: 87 744 600 VAN: VPR91300	C 443U C 443L	4 Pairs		2.0454/ 2.0458 51.953/ 51.963	2.1890/ 2.1897 55.601/ 55.618	1.0240 26.01	0.0711 1.806		
CR4060CP 1972- All halves - plain. GLY: 71-3227/4									
MB 536AM STD/.25/.5/.75/1.0/1.25/1.5 1972- This set includes flanged bearing without oil groove. Flange length: STD 33.88 mm (FI STD) 0.25, 0.5 34.08 mm	F 536	1 Pair		2.7541/ 2.7545 69.954/ 69.964	2.9331/ 2.9338 74.501/ 74.519	1.3350 33.91	0.0887 2.253		
	M5591/1 M 536L	4 Pairs		2.7541/ 0.7545 69.954/ 19.164	2.9331/ 2.9338 74.501/ 74.519	1.0630 27.00	0.0880 2.235		

MERCEDES BENZ				MERCEDES BENZ			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
<i>(FI oversize 0.2mm), 0.75 34.28mm (FI oversize 0.4 mm) 1.0, 1.25, 1.5 34.48 mm (FI Oversize 0.6mm),</i> ACL:5M2519 CLE:MS- 17AL FMO:6356M GLA:M5292SA GLY:H 796/5 K.S:87 741 600 VAN:VPM91301							
MB5018AM - 1969 <i>Same as MB 536AM, but with full oil grooves in upper & in lower flanged halves</i> GLY:H 797/5 K.S:87 743 600							
MB5019AM 1970 - 72 <i>Same as MB 536AM, but with full oil groove in upper flanged half.</i> GLY:H 843/5							
MB5020AM STD/.25/.5/.75/1.0 1972 - <i>MB5020AM is same as MB 536AM, but has 0.6 mm FI oversize (semi) in all undersizes, and is resizable to FI STD</i> GLY:H 914/5 K.S:87 695 600							
MB5039AM <i>Same MB 536AM, but with FI STD flange length 33.88 mm in all undersizes.</i>							
MB5591AM STD/.25/.5/.75/1.0/1.25 1979- <i>The set includes regular components only</i> CLE:MS-1537AL FMO:6590M GLA:M5383SA GLY:H 951/5 K.S:87 489 600 VAN:VPM92421A							
TW2004AM STD/.10/.20/.25 GLY:A 113/4 K.S:78 616 600 VAN:VPM95221A							
12	M 108, M129	1965-67	2496 cc	82.00 X 78.80	6 cyl	250	12
CR6707CP <i>Under Development</i> GLA:B6427LC GLY:71-2404/6							
MB7021CP <i>Under Development</i> GLA:M7270LC GLY:H 705/7							
13 OM 605 .910/911/912/960 Diesel/Turbo Diesel 8/1993- 2497 cc 87.00 X 84.00 5 cyl C/E 250, C 250 T 20V 13							
CR 506AM STD/.25/.5/.75/1.0 CLE:CB-1300AL (5) FMO:5-4580P GLA:B5014SA GLY:01-3584/5 VAN:VPR92820							
CR 522XA STD/.25/.5/.75/1.0 <i>For OM 605.960 Engine</i> GLY:71-3645/5- VAN:VPR05008SP-							
MB 606AM STD/.25/.5/.75/1.0 CLE:MS-1608AL FMO:7316M GLA:M6050SA GLY:H 997/6 VAN:VPM92323A							
14	M 102 .910/918/919	1990-	1796 cc	89.00 X 72.20	4 cyl	190 E 1.8	14
	M 102 .919/920/921/922/924/938/939/942/94 3/945/946/961/962/963/964/965	1980-	1996 cc	89.00 X 80.21	4 cyl	190,190E,200,200E/T/GE	






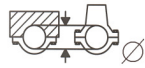


MERCEDES BENZ					MERCEDES BENZ				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
M 102 .958/959/961/979/980/981/982/985/987/988/989/996/997/998	1980-	2298 cc	95.50 X 80.25	4 cyl	190E 2.3, 230E/GE, G 230, O 309				
M 102	1988 -	2497 cc	95.50 X 87.20	4 cyl	190 E 2.5 16V				
CR4094CP STD/.5/.75/1.0 <i>Locating lug on left side edge.</i> CLE:CB-1027P(4) FMO:4-4560P GLY:71-2995/4 K.S:87 450 600	C4094U C4094L	4 Pairs		1.8880/ 1.8884 47.955/ 47.965	2.0315/ 2.0322 51.600/ 51.618	0.8661 22.00	0.0714 1.814		
CR4292CP STD/.25/.5/.75/1.0/1.25/1.5 1984 - CLE:CB-1299P(4) GLA:B4742LB GLY:71-3817/4 K.S:77 530 600 VAN:VPR92576	C4292U C4292L	4 Pairs		1.8878/ 1.8884 47.950/ 47.965	2.0315/ 2.0322 51.600/ 51.618	0.8583 21.80	0.0715 1.816		
MB5117AM STD/.25/.5/.75/1.0 1986 - CLE:MS-1607AL FMO:7315M GLA:M5482SA GLY:H 997/5 K.S:87 435 600 VAN:VPM92322A	M5117U M5117L	5 Pairs		2.2815/ 2.2821 57.950/ 57.965	2.4606/ 2.4614 62.499/ 62.520	0.6890 17.50	0.0890 2.261		
MB5138AM STD/.25/.5/.75/1.0 - 1985 GLA:M5523SA GLY:H 977/5 K.S:87 451 600 VAN:VPM92156A	M5138U M5138L	5 Pairs		2.2815/ 2.2821 57.950/ 57.965	2.4606/ 2.4614 62.499/ 62.520	0.8425 21.40	0.0890 2.261		
15 M 123	1976-	2525 cc	86.00 X 72.50	6 cyl	250 All models			15	
CR6670AM STD/.25/.5/.75/1.0 CLE:CB-1027(6) GLY:71-2995/6 K.S:87 494 600	C4094U C4094L	6 Pairs		1.8880/ 1.8884 47.955/ 47.965	2.0315/ 2.0322 51.600/ 51.618	0.8661 22.00	0.0714 1.814		
MB4032CP GLY:H 936/4	M7716/1U M7716/1L	3 Pairs	1,3,4	2.3604/ 2.3608 59.954/ 59.964	2.6378/ 2.6385 67.000/ 67.018	0.8858 22.50	0.1380 3.505		
	F7716U F7716L	1 Pair	2	2.3604/ 2.3608 59.954/ 59.964	2.6378/ 2.6385 67.000/ 67.018	1.1378 28.90	0.1380 3.505		
16 M 110	1972-	2745 cc	86.00 X 78.80	6 cyl	280 (W123) All models			16	
CR6670AM STD/.25/.5/.75/1.0 CLE:CB-1027(6) GLY:71-2995/6 K.S:87 494 600	C4094U C4094L	6 Pairs		1.8880/ 1.8884 47.955/ 47.965	2.0315/ 2.0322 51.600/ 51.618	0.8661 22.00	0.0714 1.814		
MB7716CP STD/.25/.5/.75/1.0 -1977 GLA: M7396LB GLY:H 859/7 K.S:87 495 600 VAN:VPM92470	M7716/1U M7716/1L	5 Pairs	1-2-5-6-7	2.3604/ 2.3608 59.954/ 59.964	2.6378/ 2.6385 67.000/ 67.018	0.8858 22.50	0.1380 3.505		
	F7716U F7716L	1 Pair	3	2.3604/ 2.3608 59.954/ 59.964	2.6378/ 2.6385 67.000/ 67.018	1.1378 28.90	0.1380 3.505		
	M7716/4U M7716/1L	1 Pair	4	2.3604/ 2.3608 59.954/ 59.964	2.6378/ 2.6385 67.000/ 67.018	0.8858 22.50	0.1380 3.505		
MB7735CP <i>Under Development</i> -1977- GLY:H 956/7 K.S:87 470 600 VAN:VPM92476	M7735/1U* M7716/1L	5 Pairs	1-2-5-6-7	2.3604/ 2.3608 59.954/ 59.964	2.6378/ 2.6385 67.000/ 67.018	0.8858 22.50	0.1380 3.505		
	F7735U* F7735L*	1 Pair	3	2.3604/ 2.3608 59.954/ 59.964	2.6378/ 2.6385 67.000/ 67.018	1.1378 28.90	0.1380 3.505		
	M7716/4U M7716/1L	1 Pair	4	2.3604/ 2.3608 59.954/ 59.964	2.6378/ 2.6385 67.000/ 67.018	0.8858 22.50	0.1380 3.505		
17 M 114	1968-	2496 cc	82.00 X 78.80	6 cyl	250, U110/404			17	
M 130	1968-72	2778 cc	86.50 X 78.80	6 cyl	250c;280S/SE/SL;300SEL				
CR6602CP <i>Under Development</i> - 1969 <i>Two oil holes</i> CLE:CB- 914P(6) FMO:6-66205CP GLA:B6467LC GLY:71-2752/6 K.S:87 740 600 VAN:VPR91332	C6602U* C6602L*	6 Pairs		1.8880/ 1.8884 47.955/ 47.965	2.0315/ 2.0322 51.600/ 51.618	0.8661 22.00	0.0713 1.811		
CR6603CP <i>Under Development</i> 1970 -	C6603U* C6603L*	6 Pairs		1.8880/ 1.8884 47.955/ 47.965	2.0315/ 2.0322 51.600/ 51.618	0.8661 22.00	0.0713 1.811		

MERCEDES BENZ				MERCEDES BENZ					
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness		
One oil hole CLE:CB-1006P(6) FMO:6-66210CP GLA:B6468LC GLY:71-2974/6 K.S:87 739 600 VAN:VPR91494									
MB 766CP 1968-71 CLE:MS- 167P FMO:6406M GLA:M7313LC GLY:H 790/7 K.S:87 738 600 VAN:VPM91334	M7716/1U M7716/1L	5 Pairs	1,2,5,6, 7	2.3604/ 2.3608 59.954/ 59.964	2.6378/ 2.6385 67.000/ 67.018	0.8858 22.50	0.1380 3.505		
	F7716U F7716L	1 Pair	3	2.3604/ 2.3608 59.954/ 59.964	2.6378/ 2.6385 67.000/ 67.018	1.1378 28.90	0.1380 3.505		
	M 766/4U M7716/1L	1 Pair	4	2.3604/ 2.3608 59.954/ 59.964	2.6378/ 2.6385 67.000/ 67.018	0.8858 22.50	0.1380 3.505		
MB7716CP STD/.25/.5/.75/1.0 1971-72 GLA: M7396LB GLY:H 859/7 K.S:87 495 600 VAN:VPM92470	M7716/1U M7716/1L	5 Pairs	1-2-5-6- 7	2.3604/ 2.3608 59.954/ 59.964	2.6378/ 2.6385 67.000/ 67.018	0.8858 22.50	0.1380 3.505		
	F7716U F7716L	1 Pair	3	2.3604/ 2.3608 59.954/ 59.964	2.6378/ 2.6385 67.000/ 67.018	1.1378 28.90	0.1380 3.505		
	M7716/4U M7716/1L	1 Pair	4	2.3604/ 2.3608 59.954/ 59.964	2.6378/ 2.6385 67.000/ 67.018	0.8858 22.50	0.1380 3.505		
18	2.8 O.H.C			2792 cc	83.00 X 86.00	6 cyl	Sovereign 2.8	18	
CR 697CP STD/010/020/030/040 CLE:CB-1465 (6) FMO:6-2295CP GLA:B6545LC GLY:71-4371/6 VAN:VPR91777	C 697	6 Pairs		2.0856/ 2.0861 52.974/ 52.987	2.2330/ 2.2335 56.718/ 56.731	0.9750 24.77	0.0729 1.852		
CS 801AM GLA:C8000M GLY:N180/8 VAN:VPC907									
MB 788CP STD/010/020/030/040 <i>Both (upper & lower) halves are full grooved in all positions.</i> ACL:7M2996 GLA:M7118LC GLY:H1196/7 VAN:VPM260	M 788/1	3 Pairs	1-4-7	2.7495/ 2.7500 69.837/ 69.850	2.9165/ 2.9170 74.079/ 74.092	1.5050 38.23	0.0828 2.103		
	M 771/2U	4 Pairs	2-3-5-6	2.7495/ 2.7500 69.837/ 69.850	2.9165/ 2.9170 74.079/ 74.092	1.0000 25.40	0.0828 2.103		
19	VW VR6			1999-	2792 cc	81.00 X 90.30	6 cyl	V-Klasse	19
CR6764AM STD/.25/.5/.75 CLE:CB-1824AL (6) FMO:6-4525P GLY:01-3841/6 VAN:VPR06029A	C6764	6 Pairs		2.1243/ 2.1251 53.957/ 53.978	2.2362/ 2.2370 56.799/ 56.820	0.6693 17.00	0.0554 1.407		
MB7089AM STD/.25/.5/.75 CLE:MS-2229AL FMO:7304M GLY:H 035/7 VAN:VPM07017A	M7089U M7089L	7 Pairs	1-7	2.3606/ 2.3613 59.959/ 59.977	2.5591/ 2.5594 65.001/ 65.009	0.6693 17.00	0.0984 2.499		
20	OM 612 (Turbo Diesel)			1999-	2874 cc	89.00 X 92.40	5 cyl	E 290TD 2.9	20
CR1018XA STD/.25/.5/.75/1.0/1.25/1.5 <i>5 prs required Sputter replacement</i> CLE:CB-1842P(1) FMO:4945P GLY:71-3876/1~ K.S:79 395 600	C4327U C4327L	1 Pair		1.8878/ 1.8884 47.950/ 47.965	2.0315/ 2.0322 51.600/ 51.618	0.8583 21.80	0.0713 1.811		
MB 624XA STD/.25/.5 <i>Sputter replacement</i> CLE:MS-2248P FMO:7416M GLY:H 068/6~ K.S:77 519 600~	M5117U M5117L	6 Pairs		2.2815/ 2.2821 57.950/ 57.965	2.4606/ 2.4614 62.499/ 62.520	0.6890 17.50	0.0892 2.266		
TW2008AM STD/.10/.20/.25/.5 GLA:W2357SA GLY:A 129/4 VAN:VPM95145A	W2008D W2008E	2 Pairs		2.5905/ 0.0000 65.799/ 0.000	3.1890/ 0.0000 81.001/ 0.000	0.0000 0.00	0.0860 2.184		
21	OM 602 .911/912/930/931/938/939/940/942/96 1/962/970 Diesel/Turbo Diesel			1983-7/93	2497 cc	87.00 X 84.00	5 cyl	190 D,250 D/TD,250 GD, E 250 TD,U 90 (124)	21
	OM 602 .D29LA/900/940/941/942/946/947/948/ 980/982/991/994/ Diesel/Turbo Diesel			1993-	2874 cc	89.00 X 92.40	5 cyl	E 290/290 T/TD,290 GD, G 290 TD (210), Sprinter 210/212/310/312/408 D, Sprinter 410/412 D, T2 Vario,UX 100, U 90/110/140	
CR 506AM STD/.25/.5/.75/1.0	C4071	5 Pairs		1.8878/ 1.8884	2.0315/ 2.0322	0.8583	0.0710		

MERCEDES BENZ				MERCEDES BENZ							
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness				
For Eng. OM 602.911/912/930/931/938/939 CLE:CB-1300AL(5) FMO:5-4580P GLA:B5014SA GLY:01-3584/5 VAN:VPR92820								47.950/ 47.965	51.600/ 51.618	21.80	1.803
CR 522XA STD/.25/.5/.75/1.0 For Eng. OM 602.961/962/980/982 GLY:71-3645/5~ VAN:VPR05008SP~	C 522U C 522L	5 Pairs		1.8878/ 1.8884 47.950/ 47.965	2.0315/ 2.0322 51.600/ 51.618	0.8535 21.68	0.0711 1.806				
MB 606AM STD/.25/.5/.75/1.0 CLE:MS-1608AL FMO:7316M GLA:M6050SA GLY:H 997/6 VAN:VPM92323A	M5117U M5117L	6 Pairs		2.2815/ 2.2821 57.950/ 57.965	2.4606/ 2.4614 62.499/ 62.520	0.6890 17.50	0.0890 2.261				
PB 160CP											
PB 161CP GLY:55-3635											
TW2008AM STD/.10/.20/.25/.5 GLA:W2357SA GLY:A 129/4 VAN:VPW95145A	W2008D W2008E	2 Pairs		2.5905/ 0.0000 65.799/ 0.000	3.1890/ 0.0000 81.001/ 0.000	0.0000 0.00	0.0860 2.184				
22	M 103 .940/941/942/943	1985-92	2598 cc	82.90 X 80.25	6 cyl	190E, 260E/SE, 300SE	22				
	M 103 .980/981/982/983/984/985/987	1985-	2960 cc	88.50 X 80.25	6 cyl	300E/GE/SE/SL/TE					
CR6671CP STD/.25/.5/.75/1.0 Under Development GLA:B6636LB GLY:71-3605/6 VAN:VPR92577	C4095U C4095L	6 Pairs		1.8878/ 1.8884 47.950/ 47.965	2.0315/ 2.0322 51.600/ 51.618	0.8583 21.80	0.0714 1.814				
MB7721AM STD/.25/.5/.75/1.0 CLE:MS-1609AL FMO:7314M GLA:M7437SA GLY:H 997/7 K.S:87 416 600	M5117U M5117L	7 Pairs		2.2815/ 2.2821 57.950/ 57.965	2.4606/ 2.4614 62.499/ 62.520	0.6890 17.50	0.0890 2.261				
TW2008AM STD/.10/.20/.25/.5 GLA:W2357SA GLY:A 129/4 VAN:VPW95145A	W2008D W2008E	2 Pairs		2.5905/ 0.0000 65.799/ 0.000	3.1890/ 0.0000 81.001/ 0.000	0.0000 0.00	0.0860 2.184				
23	OM 606 .910/912/961/962/964 Diesel/Turbo Diesel	8/1993-	2996 cc	87.00 X 84.00	6 cyl	E 300/300T D/TD, G 300TD, S 300TD, E 320TD, 3.0 Push G	23				
CR6673XA STD/.25/.5/.75/1.0 For Eng. OM 606.910/912 CLE:77 325 600 FMO:6-4580P GLY:01-3771/6 K.S:77 325 600 VAN:VPR92327	C4071 C4071	6 Pairs		1.8878/ 1.8884 47.950/ 47.965	2.0315/ 2.0322 51.600/ 51.618	0.8583 21.80	0.0710 1.803				
CR6799XA STD/.25/.5/.75/1.0 For Eng. OM 606.961/962/964 GLY:71-3645/6~ K.S:77 220 600~	C 522U C 522L	6 Pairs		1.8878/ 1.8884 47.950/ 47.965	2.0315/ 2.0322 51.600/ 51.618	0.8535 21.68	0.0711 1.806				
MB7721AM STD/.25/.5/.75/1.0 CLE:MS-1609AL FMO:7314M GLA:M7437SA GLY:H 997/7 K.S:87 416 600	M5117U M5117L	7 Pairs		2.2815/ 2.2821 57.950/ 57.965	2.4606/ 2.4614 62.499/ 62.520	0.6890 17.50	0.0890 2.261				
TW2008AM STD/.10/.20/.25/.5 GLA:W2357SA GLY:A 129/4 VAN:VPW95145A	W2008D W2008E	2 Pairs		2.5905/ 0.0000 65.799/ 0.000	3.1890/ 0.0000 81.001/ 0.000	0.0000 0.00	0.0860 2.184				
24	OM 613 (Turbo Diesel)	1999-	2996 cc	89.00 X 92.40	6 cyl	E 300TD 3.0	24				
CR1018XA STD/.25/.5/.75/1.0/1.25/1.5 6 prs required CLE:CB-1842P(1) FMO:4945P GLY:71-3876/1~ K.S:79 395 600	C4327U C4327L	1 Pair		1.8878/ 1.8884 47.950/ 47.965	2.0315/ 2.0322 51.600/ 51.618	0.8583 21.80	0.0713 1.811				
MB7098XA STD/.25/.5/.75 GLY:H 068/7~	M5117U M5117L	7 Pairs		2.2815/ 2.2821 57.950/ 57.965	2.4606/ 2.4614 62.499/ 62.520	0.6890 17.50	0.0892 2.266				
25	OM 617	1974 -	2997 cc	90.90 X 92.40	5 cyl	240D, 300D(W123),209/309/409D	25				
	OM 617	1978 -	3003 cc	91.00 X 92.40	5 cyl	300CD/SD, 300TD					
CR 503AM STD/.25/.5/.75/1.0 For Turbo engines Upper half with oil hole, lower half - plain. CLE:CB-1026(5) FMO:5-61980RA GLA:B5006SA GLY:71-2773/5 K.S:87 694 600 VAN:VPR91552	C 443U C 443L	5 Pairs		2.0454/ 2.0458 51.953/ 51.963	2.1890/ 2.1897 55.601/ 55.618	1.0240 26.01	0.0711 1.806				

MERCEDES BENZ					MERCEDES BENZ			
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
CR 510AM STD/.25/.5/.75 <i>All halves - plain.</i> GLY:01-3040/71-3227	C 443L	5 Pairs		2.0455/ 2.0459 51.956/ 51.966	2.1890/ 2.1897 55.601/ 55.618	1.0236 26.00	0.0711 1.806	
MB 602AM STD/.25/.5/.75/1.0 <i>The set includes flanged bearing without oil groove.</i> <i>Flange length:</i> STD 33.88 mm (FI STD) 0.25,0.5 34.08 mm (FI oversize 0.2mm), 0.75 34.28mm (FI oversize 0.4 mm) 1.0, 1.25,1.5 34.48 mm (FI Oversize 0.6mm), CLE:MS-1391AL FMO:6503M GLA:M6055SA GLY:H 796/6 VAN:VPM91553	M5591/1 M 536L F 536	5 Pairs 1 Pair	1-2-4-5-6 3	2.7541/ 2.7545 69.954/ 69.964 2.7541/ 2.7545 69.954/ 69.964	2.9331/ 2.9338 74.501/ 74.519 2.9331/ 2.9338 74.501/ 74.519	1.0630 27.00 1.3340 33.88	0.0888 2.256 0.0887 2.253	
MB 608AM STD/.25/.5/.75/1.0 <i>This set is same as MB 602AM, but has 0.6 mm FI oversize (semi) in all undersizes and is resizable to FI STD.</i> GLY:H 914/6 K.S:87 693 600	M5591/1 M 536L F5020	5 Pairs 1 Pair	1-2-4-5-6 3	2.7541/ 2.7545 69.954/ 69.964 2.7541/ 2.7545 69.954/ 69.964	2.9331/ 2.9338 74.501/ 74.519 2.9331/ 2.9338 74.501/ 74.519	1.0630 27.00 1.3350 33.91	0.0888 2.256 0.0887 2.253	
MB 609AM STD/.25/.5/.75/1.0 <i>1979 -</i> <i>This set includes regular components only.</i> GLA:M6045SA GLY:H 951/6 K.S:87 488 600	M5591/1 M 536L M5591/3	5 Pairs 1 Pair	1-2-4-5-6 3	2.7541/ 2.7545 69.954/ 69.964 2.7541/ 2.7545 69.954/ 69.964	2.9331/ 2.9338 74.501/ 74.519 2.9331/ 2.9338 74.501/ 74.519	1.0630 27.00 1.0630 27.00	0.0888 2.256 0.0888 2.256	
MB 610AM <i>Under Development</i> <i>The set is same as MB 602AM, but has FI STD length 33.88 mm in all undersizes.</i>	M5591/1 M 536L F5039	5 Pairs 1 Pair	1-2-4-5-6 3	2.7541/ 2.7545 69.954/ 69.964 2.7541/ 2.7545 69.954/ 69.964	2.9331/ 2.9338 74.501/ 74.519 2.9331/ 2.9338 74.501/ 74.519	1.0630 27.00 1.3350 33.91	0.0888 2.256 0.0887 2.253	
TW2004AM STD/.10/.20/.25 GLY:A 113/4 K.S:78 616 600 VAN:VPM95221A	W2004D W2004E	2 Pairs		3.0709/ 3.0807 78.001/ 78.250	3.5925/ 3.6024 91.250/ 91.501	0.0000 0.00	0.0860 2.184	
26	M 112	1997-	2398 cc	83.20 X 73.50	6 cyl	C/E 240/240T	26	
	M 112	1997-	2799 cc	89.90 X 73.50	6 cyl	C/E 280/280T, S/SL 280		
	M 112	1997-	3199 cc	89.90 X 84.00	6 cyl	E 320/320T, CLK/SLK 320, M/ML 320, S/SL 320, Push G		
CR6773CP <i>Under Development</i> GLY:71-3857/6	C 891*	6 Pairs		2.0449/ 2.0459 51.940/ 51.966	2.1890/ 2.1895 55.601/ 55.613	0.7717 19.60	0.0714 1.814	
MB4072AM <i>Under Development</i> GLY:H 069/4	M4072U* M4072U*	4 Pairs	1-4	2.5173/ 2.5183 63.939/ 63.965	2.6968/ 2.6976 68.499/ 68.519	0.6748 17.14	0.0891 2.263	
27	M 104 .980/981	1992-	2799 cc	89.90 X 73.50	6 cyl	280 C/S/SL, E 280T	27	
	M 104 .941/942/943/944/945	1989-92	2960 cc	88.50 X 80.20	6 cyl	300 E/CE/SL/TE		
	M 104 .990/991/992/994/995/996	1992-	3200 cc	89.90 X 84.00	6 cyl	300 SE/SEL 3.2, E/S/SLG 320		
CR6776CP STD/.25/.5/.75/1.0 <i>Upper half - with slot.</i> GLY:71-3817/6	C4292U C4292L	6 Pairs		1.8878/ 1.8884 47.950/ 47.965	2.0315/ 2.0322 51.600/ 51.618	0.8583 21.80	0.0715 1.816	
MB7721AM STD/.25/.5/.75/1.0 CLE:MS-1609AL FMO:7314M GLA:M7437SA GLY:H 997/7 K.S:87 416 600	M5117U M5117L	7 Pairs		2.2815/ 2.2821 57.950/ 57.965	2.4606/ 2.4614 62.499/ 62.520	0.6890 17.50	0.0890 2.261	
TW2008AM STD/.10/.20/.25/.5 GLA:W2357SA GLY:A 129/4 VAN:VPM95145A	W2008D W2008E	2 Pairs		2.5905/ 0.0000 65.799/ 0.000	3.1890/ 0.0000 81.001/ 0.000	0.0000 0.00	0.0860 2.184	
28	OM 603 .912/913/931/950/960/963/	1985-7/93	2996 cc	87.00 X 84.00	6 cyl	300 D,300 GD,E 300 TD (124)	28	






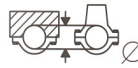


MERCEDES BENZ				MERCEDES BENZ				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
Diesel/Turbo Diesel OM 603 .970/971/972/Diesel/Turbo Diesel		1992-	3449 cc	89.00 X 92.40	6 cyl	S 350 D/TD,G 350 TD (140)		
CR6673XA STD/.25/.5/.75/1.0 CLE: 77 325 600 FMO: 6-4580P GLY: 01-3771/6 K.S: 77 325 600 VAN: VPR92327	C4071 C4071	6 Pairs		1.8878/ 1.8884 47.950/ 47.965	2.0315/ 2.0322 51.600/ 51.618	0.8583 21.80	0.0710 1.803	
CR6799XA STD/.25/.5/.75/1.0 For Eng. OM 603.950/963/970/971/972 GLY: 71-3645/6~ K.S: 77 220 600~	C 522U C 522L	6 Pairs		1.8878/ 1.8884 47.950/ 47.965	2.0315/ 2.0322 51.600/ 51.618	0.8535 21.68	0.0711 1.806	
MB7721AM STD/.25/.5/.75/1.0 CLE: MS-1609AL FMO: 7314M GLA: M7437SA GLY: H 997/7 K.S: 87 416 600	M5117U M5117L	7 Pairs		2.2815/ 2.2821 57.950/ 57.965	2.4606/ 2.4614 62.499/ 62.520	0.6890 17.50	0.0890 2.261	
TW2008AM STD/.10/.20/.25/.5 GLA: W2357SA GLY: A 129/4 VAN: VPM95145A	W2008D W2008E	2 Pairs		2.5905/ 0.0000 65.799/ 0.000	3.1890/ 0.0000 81.001/ 0.000	0.0000 0.00	0.0860 2.184	
29	AJ6 DOHC 4 Valve Head		3590 cc	91.00 X 92.00	6 cyl	Sovereign 3.6		29
CR6674CP STD/010/020 CLE: CB-1498P (6) GLA: B6591LB VAN: VPR91987	C6674	6 Pairs		2.0856/ 2.0861 52.974/ 52.987	2.2330/ 2.2335 56.718/ 56.731	0.9752 24.77	0.0720 1.829	
MB7731CP STD/010 CLE: MS-1869P (7) GLA: M7419LB VAN: VPM91898	M7731/1U M7731/1L	6 Pairs	1-3,5-7	3.0007/ 3.0012 76.218/ 76.230	3.1665/ 3.1670 80.429/ 80.442	0.9728 24.71	0.0820 2.083	
	M7731/4U M7731/4L	1 Pair	4	3.0007/ 3.0012 76.218/ 76.230	3.1665/ 3.1670 80.429/ 80.442	1.2000 30.48	0.0820 2.083	
30	OM 314 II Serie OM 314A -	1966-	3782 cc	97.00 X 128.00	4 cyl	310, 408, 508, 608, 709, 808, Bus 0309, Industry Engine, Trac 65, 70, 72, 800, 900, U54, U66, U72, 800, 900		30
CR4048CP STD/.25/.5/.75/1.0/1.5 10-004890- Available in pairs CLE: CB-1177P (4) GLA: B4690LB GLY: 71-3572/4 K.S: 87 429 600 VAN: VPR92167	C6630	4 Pairs		2.3610/ 2.3620 59.969/ 59.995	2.5590/ 2.5598 64.999/ 65.019	1.1575 29.40	0.0973 2.471	
MB 538CP STD/.25/.5/.75/1.0 This set is with 2 flanged halves. Upper halves are full grooved, lower halves are partial grooved. Flange length: STD 31.81 mm (FI STD) 0.25 31.91mm (FI oversize 0.1mm), 0.5, 0.75 32.36mm (FI oversize 0.25mm), 1.0, 1.25, 1.5 32.31mm (FI oversize 0.5mm). CLE: MS- 239P FMO: 6357M GLA: M5471LB GLY: H 712/5 K.S: 87 427 600 VAN: VPM91404	M 728U M 728L	4 Pairs	1,3-5	3.4642/ 3.4650 87.991/ 88.011	3.6614/ 3.6623 93.000/ 93.022	0.9490 24.10	0.0970 2.464	
	F 728U F 728L	1 Pair	2	3.4642/ 3.4650 87.991/ 88.011	3.6614/ 3.6623 93.000/ 93.022	1.2524 31.81	0.0970 2.464	
MB5198CP Under Development For Turbo eng. Flange length same MB 538CP. GLA: M5538 GLY: H 938/5 VAN: VPM92585	M 728U M 728L	5 Pairs	1, 3-5	3.4642/ 3.4650 87.991/ 88.011	3.6614/ 3.6623 93.000/ 93.022	0.9490 24.10	0.0975 2.477	
	F7095U* F7095L*	1 Pair	2	3.4642/ 3.4650 87.991/ 88.011	3.6614/ 3.6623 93.000/ 93.022	1.2524 31.81	0.0975 2.477	
31	OM 314 (Brazil) OM 314-O - OM 352-M -		3782 cc	97.00 X 128.00	4 cyl	Vehicle, industr., agri, marine		31
CR 467CP STD/.25/.5/.75/1.0 CLE: CB- 907P (4) GLA: B4480LC GLY: 71-2202/4 K.S: 87 952 600 VAN: VPR91403	C 674	4 Pairs		2.3618/ 2.3628 59.990/ 60.015	2.5590/ 2.5598 64.999/ 65.019	1.2638 32.10	0.0973 2.471	
CR4048CP STD/.25/.5/.75/1.0/1.5 (optional) Available in pairs CLE: CB-1177P (4) GLA: B4690LB GLY: 71-3572/4 K.S: 87 429 600 VAN: VPR92167	C6630	4 Pairs		2.3610/ 2.3620 59.969/ 59.995	2.5590/ 2.5598 64.999/ 65.019	1.1575 29.40	0.0973 2.471	

MERCEDES BENZ				MERCEDES BENZ			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
MB5290CP <i>STD flange length in all undersizes</i>							
MB5326CP <i>Under Development</i> <i>The set includes two flanged not grooved halves.</i> <i>Semifinish flange length in all undersizes</i>	M 728U M 728L F7077U* F7077L*	6 Pairs 1 Pair	1,3-5 2	3.4642/ 3.4650 87.991/ 88.011 3.4642/ 3.4650 87.991/ 88.011	3.6614/ 3.6623 93.000/ 93.022 3.6614/ 3.6623 93.000/ 93.022	0.9490 24.10 1.2524 31.81	0.0975 2.477 0.0975 2.477
32	OM 364 OM 364 A/LA Eur- OM 364 A/LA Eur-	1984-	3972 cc	97.50 X 133.00	4 cyl	609, 709, 711, 809, 811814, 700 Tractor	32
CR4048CP _{STD/.25/.5/.75/1.0/1.5} <i>Available in pairs</i> CLE:CB-1177P(4) GLA:B4690LB GLY:71-3572/4 K.S:87 429 600 VAN:VPR92167	C6630	4 Pairs		2.3610/ 2.3620 59.969/ 59.995	2.5590/ 2.5598 64.999/ 65.019	1.1575 29.40	0.0973 2.471
MB5118CP _{STD} <i>Flange length:</i> <i>STD 31.81 mm (FI STD)</i> <i>0.25 31.91mm (FI oversize 0.1mm), 0.5,0.75</i> <i>32.36mm (FI oversize 0.25mm), 1.0,1.25,1.5</i> <i>32.31mm (FI oversize 0.5mm).</i> GLA:M5485LB GLY:H 048/5 VAN:VPM92173	M7705U M7705L F7705U F7705L	4 Pairs 1 Pair	1-4 5	3.4642/ 3.4650 87.991/ 88.011 3.4642/ 3.4650 87.991/ 88.011	3.6614/ 3.6623 93.000/ 93.022 3.6614/ 3.6623 93.000/ 93.022	0.9488 24.10 1.2524 31.81	0.0975 2.477 0.0975 2.477
33	OM 364 (Brazil) OM 364-A -		3972 cc	97.50 X 133.00	4 cyl	Vehicle,industr.,agri,marine	33
CR4048CP _{STD/.25/.5/.75/1.0/1.5} <i>Available in pairs</i> CLE:CB-1177P(4) GLA:B4690LB GLY:71-3572/4 K.S:87 429 600 VAN:VPR92167	C6630	4 Pairs		2.3610/ 2.3620 59.969/ 59.995	2.5590/ 2.5598 64.999/ 65.019	1.1575 29.40	0.0973 2.471
MB5268CP _{STD/.25/.5/.75/1.0} <i>Same as MB5291CP, but with semifinish flange length.</i>	M7705U M7705L F7076U F7076L	4 Pairs 1 Pair	1-4 5	3.4642/ 3.4650 87.991/ 88.011 3.4642/ 3.4650 87.991/ 88.011	3.6614/ 3.6623 93.000/ 93.022 3.6614/ 3.6623 93.000/ 93.022	0.9490 24.10 1.2941 32.87	0.0975 2.477 0.0975 2.477
MB5291CP _{STD} <i>STD flange length in all undersizes</i>	M7705U M7705L F7083U F7083L	4 Pairs 1 Pair	1-4 5	3.4642/ 3.4650 87.991/ 88.011 3.4642/ 3.4650 87.991/ 88.011	3.6614/ 3.6623 93.000/ 93.022 3.6614/ 3.6623 93.000/ 93.022	0.9490 24.10 1.2524 31.81	0.0975 2.477 0.0975 2.477
34	OM 628 (Turbo Diesel)	2000-	3996 cc	86.00 X 86.00	8 cyl	S 400 CDI 4.0	34
CR 892CP <i>Under Development</i> <i>Sputter replacement</i> GLY:71-3885/8	C 892U* C 892L*	8 Pairs		2.1236/ 2.1246 53.939/ 53.965	2.2677/ 2.2683 57.600/ 57.615	0.7402 18.80	0.0713 1.811
MB5329CP <i>Under Development</i> <i>Sputter replacement</i> GLY:H 073/5	M5329U* M5329L*	5 Pairs	1-5	2.7535/ 2.7545 69.939/ 69.964	2.9331/ 2.9338 74.501/ 74.519	0.9449 24.00	0.0891 2.263
35	4.2 O.H.C Fuel Injection		4235 cc	92.08 X 106.01	6 cyl	Sovereign 4.2, sovereign 4.2 Series III	35
CR 697CP _{STD/010/020/030/040} CLE:CB-1465(6) FMO:6-2295CP GLA:B6545LC GLY:71-4371/6 VAN:VPR91777	C 697	6 Pairs		2.0856/ 2.0861 52.974/ 52.987	2.2330/ 2.2335 56.718/ 56.731	0.9750 24.77	0.0729 1.852
CS 801AM GLA:C8000M GLY:N180/8 VAN:VPC907							
MB 771CP _{STD/010/020/030} <i>In positions 1,2,3,5,6,7 upper half is full grooved, lower half is partial grooved; position 4 has full groove in both halves.</i> ACL:7M2992 CLE:MS-1810 FMO:6129M GLA:M7294LC VAN:VPM91167	M 771/1U M 771/1L M 771/4	2 Pairs 1 Pair	1,7 4	2.7500/ 2.7505 69.850/ 69.863 2.7500/ 2.7505 69.850/ 69.863 2.7500/ 2.7505	2.9165/ 2.9170 74.079/ 74.092 2.9165/ 2.9170 74.079/ 74.092 2.9165/ 2.9170	1.3750 34.93 1.1300 28.70 1.0000	0.0825 2.096 0.0825 2.096 0.0825









MERCEDES BENZ					MERCEDES BENZ			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
	M 771/2U M 771/2L	4 Pairs	2-3-5-6	69.850/ 69.863	74.079/ 74.092	25.40	2.096	
36	OM 904	1998-	4247 cc	102.00 X 130.00	4 cyl	Baumuster 904/905/906/907	36	
CR4293CP <i>Under Development</i> Sputter replacement GLY: 71-3850/4 K.S: 77 540 600	C6777*	4 Pairs		2.7557/ 2.7565 69.995/ 70.015	2.9528/ 2.9535 75.001/ 75.019	1.1142 28.30	0.0976 2.479	
MB5331CP <i>Under Development</i> GLY: H 067/5 K.S: 77 538 600	M7099U* M7099L*	5 Pairs	1-5	3.3854/ 3.3862 85.989/ 86.009	3.5827/ 3.5835 91.001/ 91.021	0.9173 23.30	0.0974 2.474	
37	M 113	1997-	4266 cc	89.90 X 84.00	8 cyl	C 43/43T, S 430, ML 430, E 430/430T, CLK 430, M 430	37	
	M 113	1998-	4966 cc	9.70 X 84.00	8 cyl	S/SL 500 ,S 500 ZAS, Push G		
CR 891CP <i>Under Development</i> GLY: 71-3857/8	C 891*	8 Pairs		2.0449/ 2.0459 51.940/ 51.966	2.1890/ 2.1895 55.601/ 55.613	0.7717 19.60	0.0714 1.814	
MB5328AM <i>Under Development</i> GLY: H 069/5	M4072U* M4072U*	5 Pairs	1-5	2.5173/ 2.5183 63.939/ 63.965	2.6968/ 2.6976 68.499/ 68.519	0.6748 17.14	0.0891 2.263	
38	5.3 O.H.C V12		5343 cc	90.00 X 70.00	12 cyl	Double-six, Double-six Vanden Plas	38	
CR1203CP _{STD/010} GLA: B12006LC VAN: VPR91369	C1203	12 Pairs		2.2994/ 2.3000 58.405/ 58.420	2.4409/ 2.4415 61.999/ 62.014	0.7300 18.54	0.0693 1.760	
MB 792CP _{STD/010} GLA: M73255B VAN: VPM91370	M 792/1	5 Pairs	1-2-3-5-6	3.0007/ 3.0012 76.218/ 76.230	3.1665/ 3.1670 80.429/ 80.442	0.9730 24.71	0.0818 2.078	
	M 792/4	1 Pair	4	3.0007/ 3.0012 76.218/ 76.230	3.1665/ 3.1670 80.429/ 80.442	1.2000 30.48	0.0818 2.078	
	M 792/7	1 Pair	7	3.0012/ 3.0017 76.230/ 76.243	3.1665/ 3.1670 80.429/ 80.442	1.2000 30.48	0.0815 2.070	
39	OM 352 OM 352A Turbo -	1965-	5672 cc	97.00 X 128.00	6 cyl	0 302,0 303, 305, 0 309311,, 1217, 1313, 1317, 1413, 1417,, 1717, 1813, 322,0 322,323,327,328,329613, L710, 810, 811, 813, 911, 913,, U1300,1500/T,1700,9000,m btrac	39	
	OM 362 OM 362 LA Turbo-	1965-	5672 cc	97.00 X 128.00	6 cyl	1217, 1419, 1420, 1617, 1619		
CR6630CP _{STD/.25/.5/.75/1.0/1.25} <i>Available in pairs</i> CLE: CB-1177P (6) FMO: 6-61915CPA GLA: B6613LB GLY: 71-3572/6 K.S: 87 428 600 VAN: VPR92168	C6630	6 Pairs		2.3618/ 2.3628 59.990/ 60.015	2.5590/ 2.5598 64.999/ 65.019	1.1575 29.40	0.0973 2.471	
MB 728CP _{STD/.25/.5/.75/1.0/1.5} <i>This set is with 2 flanged halves.</i> <i>Upper halves are full grooved, lower halves are partial grooved.</i> <i>Flange length:</i> <i>STD 31.81 mm (FI STD)</i> <i>0.25 31.91mm (FI oversize 0.1mm), 0.5,0.75</i> <i>32.36mm (FI oversize 0.25mm), 1.0,1.25,1.5</i> <i>32.31mm (FI oversize 0.5mm).</i> CLE: MS- 240P FMO: 6296M GLA: M7432LC GLY: H 712/7 K.S: 87 426 600 VAN: VPM92124	F 728U F 728L	1 Pair	4	3.4642/ 3.4650 87.991/ 88.011	3.6614/ 3.6623 93.000/ 93.022	1.2524 31.81	0.0975 2.477	
	M 728U M 728L	6 Pairs	1-3, 5-7	3.4642/ 3.4650 87.991/ 88.011	3.6614/ 3.6623 93.000/ 93.022	0.9490 24.10	0.0975 2.477	
MB7095CP <i>Under Development</i> <i>For Turbo eng.</i> <i>The set includes two flanged not grooved halves.</i>	M 728U M 728L	6 Pairs	1-3, 5-7	3.4642/ 3.4650 87.991/ 88.011	3.6614/ 3.6623 93.000/ 93.022	0.9490 24.10	0.0975 2.477	
	F7095U*	1 Pair	4	3.4642/ 3.4650	3.6614/ 3.6623	1.2524	0.0975	

MERCEDES BENZ					MERCEDES BENZ			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
Flange length same MB 728CP. GLA:M7462LB GLY:H 938/7 VAN:VPM92584		F7095L*		87.991/ 88.011	93.000/ 93.022	31.81	2.477	
40	OM 352 (Brazil) OM 352A - OM 352O - M 352-O (Brazil)	5672 cc	97.00 X 128.00	6 cyl	Vehicle,industr.,agri,marine	40		
CR 674CP STD/.25/.5/.75/1.0/1.25/1.5 CLE:CB- 907P(6) GLA:B6440LC GLY:71-2202/6 K.S:87 841 600 VAN:VPR91406	C 674	6 Pairs		2.3618/ 2.3628 59.990/ 60.015	2.5590/ 2.5598 64.999/ 65.019	1.2638 32.10	0.0973 2.471	
CR6630CP STD/.25/.5/.75/1.0/1.25 <i>(optional)</i> <i>Available in pairs</i> CLE:CB-1177P(6) FMO:6-61915CPA GLA:B6613LB GLY:71-3572/6 K.S:87 428 600 VAN:VPR92168	C6630	6 Pairs		2.3618/ 2.3628 59.990/ 60.015	2.5590/ 2.5598 64.999/ 65.019	1.1575 29.40	0.0973 2.471	
MB7041CP <i>Under Development</i> <i>The set includes two flanged not grooved halves.</i> <i>STD flange length in all undersizes</i>	M 728U M 728L	6 Pairs	1-3, 5-7	3.4642/ 3.4650 87.991/ 88.011	3.6614/ 3.6623 93.000/ 93.022	0.9490 24.10	0.0975 2.477	
	F7041U* F7041L*	1 Pair	4	3.4642/ 3.4650 87.991/ 88.011	3.6614/ 3.6623 93.000/ 93.022	1.2524 31.81	0.0975 2.477	
MB7059CP STD/.25/.5/.75/1.0 <i>Same as MB7082CP, but with semifinish flange length in all undersizes</i>	M 728U M 728L	6 Pairs	1-3, 5-7	3.4642/ 3.4650 87.991/ 88.011	3.6614/ 3.6623 93.000/ 93.022	0.9490 24.10	0.0975 2.477	
	F7059U F7059L	1 Pair	4	3.4642/ 3.4650 87.991/ 88.011	3.6614/ 3.6623 93.000/ 93.022	1.2941 32.87	0.0975 2.477	
MB7077CP <i>Under Development</i> <i>Same as MB7041CP, but with semifinish flange length in all undersizes</i>	M 728U M 728L	6 Pairs	1-3, 5-7	3.4642/ 3.4650 87.991/ 88.011	3.6614/ 3.6623 93.000/ 93.022	0.9490 24.10	0.0975 2.477	
	F7077U* F7077L*	1 Pair	4	3.4642/ 3.4650 87.991/ 88.011	3.6614/ 3.6623 93.000/ 93.022	1.2941 32.87	0.0975 2.477	
MB7082CP STD <i>The set includes two flanged halves.</i> <i>Upper halves are full grooved, lower halves are partial grooved.</i> <i>STD flange length in all undersizes</i>	M 728U M 728L	6 Pairs	1-3, 5-7	3.4642/ 3.4650 87.991/ 88.011	3.6614/ 3.6623 93.000/ 93.022	0.9490 24.10	0.0975 2.477	
	F7082U F7082L	1 Pair	4	3.4642/ 3.4650 87.991/ 88.011	3.6614/ 3.6623 93.000/ 93.022	1.2524 31.81	0.0975 2.477	
41	M 137	1999-	5786 cc	84.00 X 87.00	12 cyl	SL 600	41	
CR1014CP <i>Under Development</i> <i>12 prs required</i> GLY:71-3889/1	C1014*	1 Pair		1.8087/ 1.8096 45.941/ 45.964	1.9528/ 1.9534 49.601/ 49.616	0.6772 17.20	0.0715 1.816	
MB7096AM <i>Under Development</i> GLY:H 074/7	M7096U* M7096L*	7 Pairs	1-7	2.5173/ 2.5183 63.939/ 63.965	2.6968/ 2.6976 68.499/ 68.519	0.6890 17.50	0.0893 2.268	
42	OM 366	1984-	5958 cc	97.50 X 133.00	6 cyl	0301,0402, 1114,1214,1314,1414,1614, 814,814I,914	42	
CR6630CP STD/.25/.5/.75/1.0/1.25 <i>Available in pairs</i> CLE:CB-1177P(6) FMO:6-61915CPA GLA:B6613LB GLY:71-3572/6 K.S:87 428 600 VAN:VPR92168	C6630	6 Pairs		2.3618/ 2.3628 59.990/ 60.015	2.5590/ 2.5598 64.999/ 65.019	1.1575 29.40	0.0973 2.471	
MB7705CP STD/.25/.5/.75/1.0 <i>The set includes two not grooved flanged halves.</i> <i>Flange length:</i> <i>STD 31.81 mm (FI STD)</i> <i>0.25 31.91mm (FI oversize 0.1mm), 0.5,0.75</i> <i>32.36mm (FI oversize 0.25mm), 1.0,1.25,1.5</i> <i>32.31mm (FI oversize 0.5mm).</i>	M7705U M7705L	6 Pairs	1-6	3.4642/ 3.4650 87.991/ 88.011	3.6614/ 3.6623 93.000/ 93.022	0.9490 24.10	0.0975 2.477	
	F7705U F7705L	1 Pair	7	3.4642/ 3.4650 87.991/ 88.011	3.6614/ 3.6623 93.000/ 93.022	1.2524 31.81	0.0975 2.477	
CLE:MS-1581P GLA:M7438LB GLY:H 048/7 VAN:VPM92175								
43	OM 352 Re-enforced block (Brazil) OM 352-O -	5672 cc	97.00 X 128.00	6 cyl	Caminhaio, Onibus 365 11R	43		

MERCEDES BENZ				MERCEDES BENZ				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
OM 352-A - OM 366 (Brazil) OM 366-G - OM 366A - OM 366LA -				5958 cc	97.50 X 133.00	6 cyl	Vehicle	
CR6630CP STD/.25/.5/.75/1.0/1.25 <i>Available in pairs</i> CLE:CB-1177P(6) FMO:6-61915CPA GLA:B6613LB GLY:71-3572/6 K.S:87 428 600 VAN:VPR92168	C6630	6 Pairs		2.3618/ 2.3628 59.990/ 60.015	2.5590/ 2.5598 64.999/ 65.019	1.1575 29.40	0.0973 2.471	
MB7076CP STD/.25/.5/.75/1.0 <i>Same as MB7083CP, but with semifinish flange length</i>	M7705U M7705L	6 Pairs	1-6	3.4642/ 3.4650 87.991/ 88.011	3.6614/ 3.6623 93.000/ 93.022	0.9490 24.10	0.0975 2.477	
	F7076U F7076L	1 Pair	7	3.4642/ 3.4650 87.991/ 88.011	3.6614/ 3.6623 93.000/ 93.022	1.2941 32.87	0.0975 2.477	
MB7083CP STD/.25/.5 <i>The set includes two not grooved flanged halves with STD flange length in all undersizes</i>	M7705U M7705L	6 Pairs	1-6	3.4642/ 3.4650 87.991/ 88.011	3.6614/ 3.6623 93.000/ 93.022	0.9490 24.10	0.0975 2.477	
	F7083U F7083L	1 Pair	7	3.4642/ 3.4650 87.991/ 88.011	3.6614/ 3.6623 93.000/ 93.022	1.2524 31.81	0.0975 2.477	
44	M 120	1992-		5987 cc	89.00 X 80.20	12 cyl	600 SE/SL, CL/S/SL 600	44
CR1017CP <i>Under Development</i> 12 prs required GLY:71-3725/1	C1017*	1 Pair		1.8880/ 1.8884 47.955/ 47.965	2.0315/ 2.0322 51.600/ 51.618	0.7874 20.00	0.0716 1.819	
MB7097AM <i>Under Development</i> GLY:H 037/7	M7097U* M7097L*	7 Pairs		2.2815/ 2.2821 57.950/ 57.965	2.4606/ 2.4614 62.499/ 62.520	0.6890 17.50	0.0892 2.266	
45	OM 906	1998-		6370 cc	102.00 X 130.00	6 cyl	Baumuster 906	45
CR6777CP <i>Under Development</i> Sputter replacement GLY:71-3850/6	C6777*	6 Pairs		2.7557/ 2.7565 69.995/ 70.015	2.9528/ 2.9535 75.001/ 75.019	1.1142 28.30	0.0976 2.479	
MB7099CP <i>Under Development</i> GLY:H 067/7	M7099U* M7099L*	7 Pairs	1-7	3.3854/ 3.3862 85.989/ 86.009	3.5827/ 3.5835 91.001/ 91.021	0.9173 23.30	0.0974 2.474	
46	OM 360			8721 cc	115.00 X 140.00	6 cyl	Baumuster (Trucks)	46
CR6656CP CLE:CB-1030P(6) GLA:B6561LB GLY:71-2811/6 VAN:VPR92177	C6656	6 Pairs		2.8339/ 2.8346 71.981/ 71.999	3.0315/ 3.0322 77.000/ 77.018	1.3819 35.10	0.0975 2.477	
MB7712SI GLA:M7394LB GLY:H 809/7 K.S:87 724 600 VAN:VPM92474	M7712U M7712L	6 Pairs		3.8575/ 3.8583 97.981/ 98.001	4.0945/ 4.0953 104.000/104.021	1.1220 28.50	0.1171 2.974	
	F7712U F7712L	1 Pair		3.8575/ 3.8583 97.981/ 98.001	4.0945/ 4.0953 104.000/104.021	1.6461 41.81	0.1171 2.974	
47	OM 409			9200 cc	125.00 X 150.00	5 cyl		47
CR 512CP <i>Under Development</i>	C 644*	5 Pairs		3.5425/ 3.5433 89.980/ 90.000	3.7402/ 3.7413 95.001/ 95.029	1.4252 36.20	0.0975 2.477	
MB 617CP <i>Under Development</i>	M 722U* M 722L*	5 Pairs		4.0937/ 4.0945 103.980/104.000	4.0371/ 4.3709 102.542/111.021	1.4173 36.00	0.1369 3.477	
	F 722U* F 722L*	1 Pair		4.0937/ 4.0945 103.980/104.000	4.0371/ 4.3709 102.542/111.021	1.8035 45.81	0.1369 3.477	
48	OM 355			9646 cc	128.00 X 150.00	5 cyl		48
CR 511CP GLY:71-2549/5 K.S:87 376 600	C 681	5 Pairs		3.0701/ 3.0709 77.981/ 78.001	3.2677/ 3.2686 83.000/ 83.022	1.6437 41.75	0.0972 2.469	
MB 615CP	M 736/1U	4 Pairs	1,2,3,5	3.7394/ 3.7402 94.981/ 95.001	3.9370/ 3.9379 100.000/100.023	1.3839 35.15	0.0972 2.469	

MERCEDES BENZ				MERCEDES BENZ			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
GLY:H 818/6 K.S:87 377 600	M 736/1L M 736/7U M 736/7L F 736U F 736L	1 Pair 1 Pair	6 4	3.7394/ 3.7402 94.981/ 95.001 3.7394/ 3.7402 94.981/ 95.001	3.9370/ 3.9379 100.000/100.023 4.0157/ 4.0166 101.999/102.022	2.0531 52.15 2.5512 64.80	0.0972 2.469 0.1366 3.470
49	OM 346	1964 -	10803 cc	128.00 X 140.00	6 cyl		49
CR 676CP CLE:CB- 906P(6) GLY:71-2234/6 GLA:B6430LC VAN:VPR91412	C 676	6 Pairs		2.9126/ 2.9134 73.980/ 74.000	3.1496/ 3.1503 80.000/ 80.018	1.7720 45.01	0.1170 2.972
MB 730CP <i>Under Development</i> CLE:MS- 160P GLY:H 641/7 GLA:M7274LC VAN:VPM91413	M 730/1U M 730/1L F 730U F 730L M 730/7U M 730/7L	5 Pairs 1 Pair 1 Pair	1-3,5,6 4 7	3.7001/ 3.7008 93.983/ 94.000 3.7001/ 3.7008 93.983/ 94.000 3.7001/ 3.7008 93.983/ 94.000	3.9370/ 3.9378 100.000/100.020 3.9370/ 3.9378 100.000/100.020 3.9370/ 3.9378 100.000/100.020	1.4567 37.00 2.7110 68.86 2.1653 55.00	0.1169 2.969 0.1169 2.969 0.1169 2.969
50	OM 421 901-410, 901/-400, 951, 901-500, 901-510 A / LA OM 421 A/LA Eur-	02.1984-	10958 cc	128.00 X 142.00	6 cyl	Industry Engine	50
CR1234CP <i>Under Development</i> For Compressor with Piston Diameter 90 mm CLE:CB-1033P(1) GLY:71-2965 GLA:B1159LC VAN:VPR92185	C1234*	1 Pair		1.2582/ 1.2589 31.958/ 31.976	1.4173/ 1.4180 35.999/ 36.017	0.7480 19.00	0.0790 2.007
CR1242CP <i>Under Development</i> 6 prs required For LA Euro 2 eng. from 1994. Sputter replacement. GLY:71-3897/1	C1242U* C1242L*	1 Pair		3.5425/ 3.5433 89.980/ 90.000	3.7402/ 3.7410 95.001/ 95.021	0.9724 24.70	0.0974 2.474
MB4038CP (regular / flanged components) GLA:GS2964/5LB(4) K.S:87 403 600 GLY:H 821/4 VAN:VPM92183/4(4)	M4038U M4038L F4038U F4038L	3 Pairs 1 Pair	2-4 1	4.0937/ 4.0945 103.980/104.000 4.0937/ 4.0945 103.980/104.000	4.3701/ 4.3709 111.001/111.021 4.3701/ 4.3709 111.001/111.021	1.2008 30.50 1.4886 37.81	0.1367 3.472 0.1367 3.472
51	OM 355 A/H	1969-	11575 cc	128.00 X 150.00	6 cyl	0302,0317,1424,1621,1623, 1624., Industry Engine	51
CR 681CP CLE:CB- 904P(6) GLA:B6505LC VAN:VPR91414 FMO:6-66595CP GLY:71-2549/6	C 681	6 Pairs		3.0701/ 3.0709 77.981/ 78.001	3.2677/ 3.2686 83.000/ 83.022	1.6437 41.75	0.0972 2.469
MB 736CP CLE:MS-1221P GLA:M7345LC VAN:VPM92472 FMO:6574M GLY:H 818/7	M 736/1U M 736/1L M 736/7U M 736/7L F 736U F 736L	5 Pairs 1 Pair 1 Pair	1-3,5,6 7 4	3.7394/ 3.7402 94.981/ 95.001 3.7394/ 3.7402 94.981/ 95.001 3.7394/ 3.7402 94.981/ 95.001	3.9370/ 3.9379 100.000/100.023 3.9370/ 3.9379 100.000/100.023 4.0157/ 4.0166 101.999/102.022	1.3839 35.15 2.0531 52.15 2.5512 64.80	0.0972 2.469 0.0972 2.469 0.1366 3.470
52	OM 407 OM 407 H/HA/L/L-		11039 cc	125.00 X 150.00	6 cyl		52
	OM 427 OM 427 A/H/HA/L-		11407 cc	125.00 X 155.00	6 cyl		
	OM 447 OM 447 Euro1 - OM 447 A/H/HA/L-		11961 cc	128.00 X 155.00	6 cyl		
CR6639CP GLA:B6537LC GLY:71-3637/6	C6639	6 Pairs		3.5425/ 3.5433 89.980/ 90.000	3.7401/ 3.7410 94.999/ 95.021	1.4250 36.20	0.0976 2.479

MERCEDES BENZ				MERCEDES BENZ				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
K.S:87 505 600 VAN:VPR92815								
MB 722AM								
53	OM 402 EURO 1 901/-504, 970-973, 975, 977-978, 980-990, 995-996 LA OM 402 A/LA Eur-	12760 cc	125.00 X 130.00	8 cyl	0303,1424,1624,1626,1924,1926,, Industry Engine		53	
	OM 422 901-410, 951-952, 954, 956-958, 963, 901-500, 953, 955, 959 A / LA OM 422 A/LA Eur-	14618 cc	128.00 X 142.00	8 cyl	0303, 1425, 1625, 1628, 1632, 1923, 1928, 2026, 2028, 2225,, Industry Engine			
	OM 442 901-520, 901/-400 LA	03.1991-12.2003 14618 cc	130.00 X 142.00	8 cyl				
	OM 446 EURO 2 924-931, 934, 938 LA	14618 cc	128.00 X 142.00	8 cyl				
	OM 440 / EURO 1 909, 907 AN	14618 cc	130.00 X 142.00	8 cyl				
	OM 442 EURO 1 / EURO 0 901-404, 977-978, 941-946, 950, 952, 954-955, 957-968, 971-972, 976 LA / A OM 442 A/LA Eu- OM 442 LA Euro-	15071 cc	130.00 X 142.00	8 cyl				
CR1222CP <i>8 prs required</i> CLE:CB-1032P (1) GLA:GS2966LB GLY:71-3009/1 K.S:78 692 600 VAN:VPR92181		C1222	1 Pair		3.5425/ 3.5433 89.980/ 90.000	3.7402/ 3.7410 95.001/ 95.021	1.2205 31.00	0.0974 2.474
CR1234CP <i>Under Development</i> <i>For Compressor with Piston Diameter 90 mm</i> CLE:CB-1033P (1) GLA:B1159LC GLY:71-2965 VAN:VPR92185		C1234*	1 Pair		1.2582/ 1.2589 31.958/ 31.976	1.4173/ 1.4180 35.999/ 36.017	0.7480 19.00	0.0790 2.007
MB5064CP <i>Regular / Flanged Components</i> GLA:GS2964/5LB (5) GLY:H 821/5 K.S:87 401 600 VAN:VPM92183/4 (5)		M4038U M4038L	4 Pairs	2-5	4.0937/ 4.0945 103.980/104.000	4.3701/ 4.3709 111.001/111.021	1.2008 30.50	0.1367 3.472
		F4038U F4038L	1 Pair	1	4.0937/ 4.0945 103.980/104.000	4.3701/ 4.3709 111.001/111.021	1.4886 37.81	0.1367 3.472
54	OM 403	15945 cc	125.00 X 130.00	10 cyl	0303,1626,1632,1926,1932 2032,, Industry Engine		54	
	OM 423 900/-000, 905-909, 901-400, 901-500, 901-510, 950-951 AN / A / LA OM 423 A/LA -	18273 cc	128.00 X 142.00	10 cyl	1636, 1935, 1936, 20362236,			
	OM 443 EURO 1 901-504	07.1995-18273 cc		10 cyl				
	OM 443 901/-400 A	08.1989-02.1991 18273 cc		10 cyl				
	OM 443 EURO 0 901-500, 980, 940 LA / A OM 443 A/LA - OM 442 LA Euro-	18838 cc	130.00 X 142.00	10 cyl				
CR1234CP <i>Under Development</i> <i>For Compressor with Piston Diameter 90 mm</i> CLE:CB-1033P (1) GLA:B1159LC GLY:71-2965 VAN:VPR92185		C1234*	1 Pair		1.2582/ 1.2589 31.958/ 31.976	1.4173/ 1.4180 35.999/ 36.017	0.7480 19.00	0.0790 2.007

MERCEDES BENZ				MERCEDES BENZ			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
MB 613CP <i>Regular /Flanged Components</i> GLA:GS2964/5LB(6) GLY:H 821/6 K.S:87 399 600 VAN:VPM92183/4(6)	M4038U M4038L	5 Pairs	2-6	4.0937/ 4.0945 103.980/104.000	4.3701/ 4.3709 111.001/111.021	1.2008 30.50	0.1367 3.472
	F4038U F4038L	1 Pair	1	4.0937/ 4.0945 103.980/104.000	4.3701/ 4.3709 111.001/111.021	1.4886 37.81	0.1367 3.472
55	OM 424 901-400, 901-500, 901-510 A / LA OM 404 A/LA -	1980-	21930 cc	128.00 X 142.00	12 cyl		55
CR1234CP <i>Under Development</i> _For Compressor with Piston Diameter 90 mm CLE:CB-1033P(1) GLA:B1159LC GLY:71-2965 VAN:VPR92185	C1234*	1 Pair		1.2582/ 1.2589 31.958/ 31.976	1.4173/ 1.4180 35.999/ 36.017	0.7480 19.00	0.0790 2.007
MB7033CP <i>Regular /Flanged Components</i> GLA:GS2964/5LB(7) GLY:H 821/7 K.S:87 397 600 VAN:VPM92183/4(7)	M4038U M4038L	6 Pairs	2-6	4.0937/ 4.0945 103.980/104.000	4.3701/ 4.3709 111.001/111.021	1.2008 30.50	0.1367 3.472
	F4038U F4038L	1 Pair	1	4.0937/ 4.0945 103.980/104.000	4.3701/ 4.3709 111.001/111.021	1.4886 37.81	0.1367 3.472









Engine Index: MERCEDES BENZ PERFORMANCE

Engine-Code	Years	Cyl	CC	Line
2.8 O.H.C		6	2792	1
4.2 O.H.C Fuel Injection		6	4235	2

Engine-Code	Years	Cyl	CC	Line

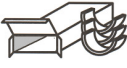




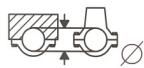


Car Model Index: MERCEDES BENZ PERFORMANCE

Model	Engine	Years	Cyl	CC	Line

MERCEDES BENZ PERFORMANCE				MERCEDES BENZ PERFORMANCE			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
1	2.8 O.H.C			2792 cc	83.00 X 86.00	6 cyl	1
CR 697XP _{STD/010/020/030}	C 697	6 Pairs		2.0856/ 2.0861 52.974/ 52.987	2.2330/ 2.2335 56.718/ 56.731	0.9750 24.77	0.0729 1.852
MB 788XP _{STD/010/020/030} <i>Both (upper & lower) halves are full grooved in all positions.</i>	M 788/1	3 Pairs	1-4-7	2.7495/ 2.7500 69.837/ 69.850	2.9165/ 2.9170 74.079/ 74.092	1.5050 38.23	0.0828 2.103
	M 771/2U	4 Pairs	2-3-5-6	2.7495/ 2.7500 69.837/ 69.850	2.9165/ 2.9170 74.079/ 74.092	1.0000 25.40	0.0828 2.103
2	4.2 O.H.C Fuel Injection			4235 cc	92.08 X 106.01	6 cyl	2

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CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

MERCEDES BENZ PERFORMANCE					MERCEDES BENZ PERFORMANCE			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness	
CR 697XP STD/010/020/030	C 697	6 Pairs		2.0856/ 2.0861 52.974/ 52.987	2.2330/ 2.2335 56.718/ 56.731	0.9750 24.77	0.0729 1.852	

Engine Index: MINI

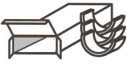







Engine-Code	Years	Cyl	CC	Line
W10B16A		4	1598	1
W11B16A		85	1598	2

Engine-Code	Years	Cyl	CC	Line

Car Model Index: MINI

Model	Engine	Years	Cyl	CC	Line
COOPER (R50, R53)	W10B16A	2002-	4	1598	1
COOPER	W10B16A	2002-	4	1598	1
COOPER S (R50,R53)	W11B16A	2002-	85	1598	2
COOPER S	W11B16A	2002-	85	1598	2

Model	Engine	Years	Cyl	CC	Line
ONE (R50, 53)	W10B16A	06.2001-	4	1598	1
ONE CONVERTIBLE	W10B16A	07.2004-	4	1598	1
WORKS (R50, R53)	W11B16A	11.2003-	85	1598	2

MINI					MINI				
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness		
1	W10B16A			1598 cc 77.00 X 85.80	4 cyl	COOPER (R50, R53), COOPER CONVERTIBLE (R52), ONE (R50, 53), ONE CONVERTIBLE (R52)		1	
	CR4537CA STD/.25/.5 OEM: 11.24.1.485.577	C4537U C4537L	4 Pairs	1-4	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.6358 16.15	0.0590 1.499	
	MB5667SI STD/.25/.5	M5667U M5667L	4 Pairs	1,2,4,5	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.0000 0.000	
		F5667U M5667L	1 Pair	3	1.8900/ 1.8870 48.006/ 47.930	0.0000/ 0.0000 0.000/ 0.000	0.7441 18.90	0.0795 2.019	
2	W11B16A			1598 cc 77.00 X 85.80	85 cyl	COOPER S (R50,R53), COOPER S CONVERTIBLE (R52), WORKS (R50, R53)		2	
	CR4538CA STD/.25/.5 OEM: 11.24.1.492.122	C4538U C4538L	4 Pairs	1-4	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.0000 0.000	
	MB5667SI STD/.25/.5	M5667U M5667L	4 Pairs	1,2,4,5	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.0000 0.000	
		F5667U M5667L	1 Pair	3	1.8900/ 1.8870 48.006/ 47.930	0.0000/ 0.0000 0.000/ 0.000	0.7441 18.90	0.0795 2.019	

CR=Connecting Rod	MB=Main Bearing	CS = Camshaft	PB=Piston Bushing	TW=Thrust Washer
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Engine Index: MITSUBISHI

Engine-Code	Years	Cyl	CC	Line
K4E		4	0	1
L2E		2	635	2
L3E		3	952	3
K3E		3	978	4
4G42 (KE43,44,46)	1971-79	4	1187	6
4G36	11/75-	4	1238	15
G11B, 4G11	7/1977-	4	1244	7
4G30	1969-73	4	1289	15
G13B, 4G13	10/83-	4	1298	7
S3L2		3	1318	5
4G41	1971-79	4	1378	6
G12B, 4G12	3/1976-	4	1410	7
G33B, 4G33	8/1971-	4	1439	15
4G15 SOHC 12 valve	1991-02	4	1468	7
G15B, 4G15, G4AJ (1.5L) SOHC	10/83-90	4	1468	7
4GDJ SOHC 8 valve	1990-94	4	1468	7
4G91	9/1991-	4	1496	10
G31B, 4G31	11/69-	4	1499	15
4G61 DOHC 16 valve	1991-92	4	1595	8
4G61T Turbo DOHC 16 valve	1989-90	4	1595	8
G32B Turbo SOHC 12 valve	1985-88	4	1597	15
G32B, 4G32	10/70-	4	1597	15
4G35	2/72-5/77	4	1686	15
4G37 SOHC 8 valve	1989-94	4	1755	15
G37B, 4G37	6/1986-	4	1755	15
4G92	8/1991-	4	1755	11
S4L2		4	1758	9
4D65, 4D65-T	3/83-9/91	4	1795	15
G62B SOHC 12 valve	1983-84	4	1795	15
G62B Turbo SOHC 12 valve	1984-88	4	1795	15
G62B, 4G62	1978-	4	1795	15
4G93	5/1991-	4	1834	10
4G93 SOHC 16 valve	1992-02	4	1834	11
4G93-T	8/1991-	4	1834	11
G51B, 4G51	6/73-2/78	4	1855	18
G52B, 4G52	8/72-7/78	4	1995	18
G52B, 4G52	8/78-9/87	4	1995	19
122, 420A Chrysler DOHC 16	1995-99	4	1996	12
4G63 SOHC 8 valve	1989-92	4	1997	15
4G63 DOHC 16 valve	1989-94	4	1997	15
4G63 SOHC 16 valve	1993	4	1997	15
4G63T Turbo DOHC 16 valve	1989-98	4	1997	15
G63B SOHC 12 valve	1983-89	4	1997	15
G63B, 4G63	2/80-7/90	4	1997	15
4G63	2/1992-	4	1997	13
4D68 Diesel		4	1998	14
4D55, 4D55-T Turbo Diesel	2/80-3/86	4	2346	18
4G64 SOHC 8 valve	1989-96	4	2350	15
4G64 SOHC 16 valve	1993-05	4	2350	15
4G64 DOHC 16 valve	1994	4	2350	15
G64B SOHC 12 valve	1985-88	4	2350	15
G64B, 4G64	1985-00	4	2350	15
4G53	5/73-7/78	4	2384	18
4G53	7/78-83	4	2384	19
4D56, 4D56-T	4/1986-	4	2476	18

Engine-Code	Years	Cyl	CC	Line
4D56-T INLINE 4 SOHC 2V	1986-	4	2477	16
6G73 SOHC 24 valve	1995	6	2497	17
4G54	11/75-	4	2555	18
G54B Turbo SOHC 12 valve	1983-89	4	2555	19
G54B, 4G54 SOHC 12 valve	8/78-89	4	2555	19
4DR5	7/70-8/91	4	2659	20
4DR6-T	10/1986-	4	2659	20
4DR7	10/1989-	4	2835	20
4M40	1982-	4	2835	21
6G71	7/86-89	6	2972	22
6G72	7/86-7/92	6	2972	23
6G72 SOHC 12 valve	1988-99	6	2972	23
6G72 SOHC 24 valve	1994-05	6	2972	23
6G72 DOHC 24 valve	1991-99	6	2972	23
6G72T Turbo DOHC 24 valve	1991-99	6	2972	23
4D30	11/78-	4	3298	27
4D31, 4D31-T	10/82-91	4	3298	27
6G74	1994-99	6	3496	25
6G74 SOHC 24 valve	1997-04	6	3496	25
6G74 DOHC 24 valve	1994-96	6	3496	25
4D32	9/1989-	4	3567	27
4D36		4	3567	28
226 SOHC Chrysler Magnum 12	2006-09	6	3700	24
6G75 SOHC 24 Valve	2003-05	6	3828	25
4D34, 4D34-T	8/1991-	4	3907	26
4D33	9/1989-	4	4214	27
4D33		4	4214	28
4D35		4	4561	28
287 SOHC 16 valve	2006-07	8	4700	29
6D31	10/1985-	6	4948	30
6D31-T	10/1985-	6	4948	30
6D10	1974-79	6	5974	31
6D14	1974-92	6	6557	31
6D14-T	1985-92	6	6557	31
6D11	1974-79	6	6754	31
6D15	9/1979-	6	6919	31
6D15-T	1987-	6	6919	31
6D16	1987-91	6	7545	31
6D16-T	1987-	6	7545	31
6D16, 6D16-T		6	7545	32
6D17	5/1991-	6	8201	31
6D17		6	8201	32
6DB1, 6DB1-T	1965-85	6	8550	33
6D20, 6D20-T	1/75-1/82	6	10308	34
6D21	9/77-	6	10308	34
6D22, 6D22D-T	8/1979-	6	11149	34
8DC9, 8DC9-T	10/79-83	8	16031	35
8DC10	9/1984-	8	16752	35
8DC11	11/1984-	8	17737	35

Car Model Index: MITSUBISHI

Model	Engine	Years	Cyl	CC	Line
2300	4D55, 4D55-T		4	2346	18
2600	G54B, 4G54 SOHC		4	2555	19
3000GT	6G72 SOHC 12		6	2972	23
3000GT	6G72T Turbo		6	2972	23
3000GT, Diamante	6G72 DOHC 24		6	2972	23
6000	6D10		6	5974	31
6600	6D14-T		6	6557	31
6600	6D15-T		6	6919	31
6600-6601-6602-6603	6D14		6	6557	31
7500	6D16		6	7545	31
Cordia	G63B SOHC 12		4	1997	15
Cordia, Tredia	G62B SOHC 12		4	1795	15
Cordia, Tredia	G62B Turbo SOHC		4	1795	15
Delica	4M40		4	2835	21
Delica Van	4D56-T INLINE 4	1989-	4	2477	16
Delica, Galant, Pajero	4D55, 4D55-T		4	2346	18
Delica, Galant, Pajero	4D56, 4D56-T		4	2476	18
Delica, Galant, Pajero	6G72		6	2972	23
Diamante	6G72 SOHC 12		6	2972	23
Diamante, Galant,	6G71		6	2972	22
Diamante, Montero	6G74 SOHC 24		6	3496	25
Eclipse	4G37 SOHC 8		4	1755	15
Eclipse	4G64 SOHC 16		4	2350	15
Eclipse	6G72 SOHC 24		6	2972	23
Eclipse	122, 420A Chrysler		4	1996	12
Eclipse, Galant	4G63 DOHC 16		4	1997	15
Eclipse, Galant	4G63T Turbo		4	1997	15
Endeavor	6G75 SOHC 24		6	3828	25
Expo	4G64 SOHC 8		4	2350	15
Expo	4G64 SOHC 16		4	2350	15
Expo LRV	4G93 SOHC 16		4	1834	11
Galant	4G63 SOHC 8		4	1997	15
Galant	4G63 SOHC 16		4	1997	15
Galant	4G64 SOHC 16		4	2350	15
Galant	4G64 DOHC 16		4	2350	15
Galant	G51B, 4G51		4	1855	18
Galant	G52B, 4G52		4	1995	18
Galant	4G53		4	2384	18
Galant	4G54		4	2555	18
Galant	6G72 SOHC 12		6	2972	23
Galant	6G72 SOHC 24		6	2972	23
Galant	6G75 SOHC 24		6	3828	25
Galant	6G73 SOHC 24		6	2497	17
Galant	4D68 Diesel		4	1998	14
Galant, Delicia	G62B, 4G62		4	1795	15
Galant, Delicia	G63B, 4G63		4	1997	15
Galant, Delicia	G64B, 4G64		4	2350	15
Galant, Delicia, Pajero	4G63		4	1997	13
Galant, Jeep	G52B, 4G52		4	1995	19
Galant, Jeep	4G53		4	2384	19
Galant, Jeep	G54B, 4G54 SOHC		4	2555	19
Galant, Mirage	4D65, 4D65-T		4	1795	15
Galant, Van, Wagon	G64B SOHC 12		4	2350	15
Lancer	4D68 Diesel		4	1998	14
Lancer, Delicia	4G42		4	1187	6
Lancer, Delicia	4G41		4	1378	6
Lancer, Mirage	G11B, 4G11		4	1244	7
Lancer, Mirage	G13B, 4G13		4	1298	7
Lancer, Mirage	G12B, 4G12		4	1410	7
Lancer, Mirage	G15B, 4G15, G4AJ		4	1468	7
Lancer, Mirage, Galant, D	G33B, 4G33		4	1439	15
Lancer, Mirage, Galant, D	G31B, 4G31		4	1499	15
Lancer, Mirage, Galant, D	G32B, 4G32		4	1597	15
Lancer, Mirage, Galant, D	G37B, 4G37		4	1755	15
Mighty Max	G63B SOHC 12		4	1997	15









Model	Engine	Years	Cyl	CC	Line
Mighty Max	4G64 SOHC 8		4	2350	15
Mighty Max	G54B, 4G54 SOHC		4	2555	19
Mighty Max	6G72 SOHC 12		6	2972	23
Mirage	4G15 SOHC 12		4	1468	7
Mirage	G32B Turbo SOHC		4	1597	15
Mirage	4G93 SOHC 16		4	1834	11
Mirage	4G61 DOHC 16		4	1595	8
Mirage	4G61T Turbo		4	1595	8
Mirage, Galant	4G91		4	1496	10
Mirage, Galant	4G93		4	1834	10
Mirage, RVR X	4G92		4	1755	11
Mirage, RVR X	4G93-T		4	1834	11
Montero	G54B, 4G54 SOHC		4	2555	19
Montero	6G72 SOHC 12		6	2972	23
Montero	6G72 SOHC 24		6	2972	23
Montero	6G74 DOHC 24		6	3496	25
Montero	6G75 SOHC 24		6	3828	25
Montero Sport	4G64 SOHC 16		4	2350	15
Montero, Pajero,	6G74		6	3496	25
Outlander	4G64 SOHC 16		4	2350	15
Pajero	4M40		4	2835	21
Pajero ND (SWB) 2D	4D56-T INLINE 4	1986-	4	2477	16
Pajero ND Sports 2D	4D56-T INLINE 4	1986-	4	2477	16
Pajero ND Super 4D	4D56-T INLINE 4	1986-	4	2477	16
Pajero NE (SWB) 2D	4D56-T INLINE 4	1987-	4	2477	16
Pajero NE Sports	4D56-T INLINE 4	1987-	4	2477	16
Pajero NE Super 4D	4D56-T INLINE 4	1987-	4	2477	16
Pajero NF Commercial	4D56-T INLINE 4	1988-	4	2477	16
Pajero NF EXE (LWB)	4D56-T INLINE 4	1988-	4	2477	16
Pajero NF EXE (SWB)	4D56-T INLINE 4	1988-	4	2477	16
Pajero NF Superwagon	4D56-T INLINE 4	1988-	4	2477	16
Pajero NG Commercial	4D56-T INLINE 4	1989-	4	2477	16
Pajero NG EXE (LWB)	4D56-T INLINE 4	1989-	4	2477	16
Pajero NG EXE (SWB)	4D56-T INLINE 4	1989-	4	2477	16
Pajero NG Superwagon	4D56-T INLINE 4	1989-	4	2477	16
Pajero NH GL (LWB) 4D	4D56-T INLINE 4	1991-	4	2477	16
Pajero NH GLS (LWB)	4D56-T INLINE 4	1991-	4	2477	16
Pajero NH GLX (LWB)	4D56-T INLINE 4	1991-	4	2477	16
Pick-up	G63B SOHC 12		4	1997	15
Pick-up	4G64 SOHC 8		4	2350	15
Pick-up	G54B, 4G54 SOHC		4	2555	19
Pick-up	6G72 SOHC 12		6	2972	23
Precis	G4DJ SOHC 8		4	1468	7
Raider	226 SOHC	2006-07	6	3700	24
Raider	287 SOHC 16	2006-07	8	4700	29
SPX	G54B, 4G54 SOHC		4	2555	19
Sigma	6G72 SOHC 12		6	2972	23
Spacewagon	4D68 Diesel		4	1998	14
Starion	G54B Turbo SOHC		4	2555	19
Tredia	G63B SOHC 12		4	1997	15
Triton MH 4X4 Clab Cab	4D56-T INLINE 4	1990-	4	2477	16
Triton MH 4X4 Double	4D56-T INLINE 4	1990-	4	2477	16
Triton MH 4X4 Standard	4D56-T INLINE 4	1990-	4	2477	16
Triton MH 4X4 Standard	4D56-T INLINE 4	1990-	4	2477	16
Triton MH Clab Cab	4D56-T INLINE 4	1990-	4	2477	16
Triton MH Double Cab	4D56-T INLINE 4	1990-	4	2477	16
Triton MH MX Cab	4D56-T INLINE 4	1990-	4	2477	16
Triton MH MX Utility	4D56-T INLINE 4	1990-	4	2477	16
Triton MH Standard Cab	4D56-T INLINE 4	1990-	4	2477	16
Triton MH Standard	4D56-T INLINE 4	1990-	4	2477	16
Van	4G64 SOHC 8		4	2350	15
Wagon	4G64 SOHC 8		4	2350	15

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King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	K4E			4 cyl			1
CR1288SI OEM:MM437-982	C1288	1 Pair		0.0000/0.0000 0.000/0.000	0.0000/1.7720 0.000/45.009	0.8660 22.00	0.0590 1.499
MB5653SI STD OEM:MM437-313	M5653U M5653L	4 Pairs		0.0000/0.0000 0.000/0.000	0.0000/0.0000 0.000/0.000	0.0000 0.00	0.0000 0.000
	F5653U F5653L	1 Pair		0.0000/0.0000 0.000/0.000	0.0000/0.0000 0.000/0.000	0.0000 0.00	0.0000 0.000
2	L2E		635 cc	76.00 X 70.00	2 cyl		2
CR1289SI OEM:MM438-80601	C1289	1 Pair		0.0000/0.0000 0.000/0.000	0.0000/1.6933 0.000/43.010	0.6690 16.99	0.0590 1.499
3	L3E		952 cc	76.00 X 70.00	3 cyl		3
CR1289SI OEM:MM438-80601	C1289	1 Pair		0.0000/0.0000 0.000/0.000	0.0000/1.6933 0.000/43.010	0.6690 16.99	0.0590 1.499
MB4274SI STD OEM:MM438-799	M4274	3 Pairs		0.0000/0.0000 0.000/0.000	0.0000/0.0000 0.000/0.000	0.0000 0.00	0.0000 0.000
	F4274	1 Pair		0.0000/0.0000 0.000/0.000	0.0000/0.0000 0.000/0.000	0.0000 0.00	0.0000 0.000
4	K3E		978 cc		3 cyl		4
CR1288SI OEM:MM437-982	C1288	1 Pair		0.0000/0.0000 0.000/0.000	0.0000/1.7720 0.000/45.009	0.8660 22.00	0.0590 1.499
MB4273SI STD OEM:MM437-880	M5653U M5653L	3 Pairs		0.0000/0.0000 0.000/0.000	0.0000/0.0000 0.000/0.000	0.0000 0.00	0.0000 0.000
	F5653U F5653L	1 Pair		0.0000/0.0000 0.000/0.000	0.0000/0.0000 0.000/0.000	0.0000 0.00	0.0000 0.000
5	S3L2		1318 cc	78.00 X 92.00	3 cyl		5
CR1290SI OEM:MM437-305	C1290	1 Pair		0.0000/0.0000 0.000/0.000	0.0000/2.0082 0.000/51.008	0.8660 22.00	0.0590 1.499
MB4273SI STD OEM:MM437-880	M5653U M5653L	3 Pairs		0.0000/0.0000 0.000/0.000	0.0000/0.0000 0.000/0.000	0.0000 0.00	0.0000 0.000
	F5653U F5653L	1 Pair		0.0000/0.0000 0.000/0.000	0.0000/0.0000 0.000/0.000	0.0000 0.00	0.0000 0.000
6	4G42 (KE43,44,46)	1971-79	1187 cc	71.00 X 75.00	4 cyl	Lancer, Delicia	6
	4G41	1971-79	1378 cc	76.50 X 75.00	4 cyl	Lancer, Delicia	
	4G41R	-					
CR4436AM ACL:4B1141 DAI:R7268K GLA:B4547LC OEM:MD010859	CLE:CB-1119AL (4) FMO:4-66760CP NDC:CB-1025	C4436	4 Pairs	2.0467/2.0472 51.986/51.999	2.1654/2.1662 55.001/55.021	0.8710 22.12	0.0587 1.491
MB3307AM ACL:3M1142 DAI:M7268K GLA:M3401LC OEM:MD010780	CLE:MS-1317 FMO:6661M NDC:MS-1024	M3307U M3307L	3 Pairs	2.5191/2.5197 63.985/64.000	2.6772/2.6781 68.001/68.024	0.9890 25.12	0.0783 1.989
TW 157AM <i>Under Development</i> DAI:T 768A OEM:MD010350	NDC:TW-1024B	W 157	1 Pair	0.0000/1.3500 0.000/34.290	1.6280/0.0000 41.351/0.000	0.0000 0.00	0.1407 3.574
7	G11B, 4G11	7/1977-2/85	1244 cc	69.50 X 82.00	4 cyl	Lancer, Mirage	7
	G13B, 4G13	10/83-	1298 cc	71.00 X 82.00	4 cyl	Lancer, Mirage	
	G12B, 4G12	3/1976-5/88	1410 cc	74.00 X 82.00	4 cyl	Lancer, Mirage	






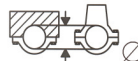


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King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
G15B, 4G15, G4AJ (1.5L) SOHC 8 valve	10/83-90	1468 cc	75.50 X 82.00	4 cyl	Lancer, Mirage			
	1991-02	1468 cc	75.50 X 82.00	4 cyl	Mirage			
	1990-94	1468 cc	75.50 X 82.00	4 cyl	Precis			
CR4049AM STD/.25/.5/.75/1.0 <i>From 8/88 on engines</i>	C4049	4 Pairs		1.6527/ 1.6535 41.979/ 41.999	1.7717/ 1.7725 45.001/ 45.022	0.6151 15.62	0.0588 1.494	
ACL: 4B1130 CLE: CB-1588AL (4) DAI: R7264A FMO: 4-4475 GLA: B4793LC NDC: CB-1825A OEM: MD332497 OEM: MD143090								
CR4497AM STD/.25/.5/.75/1.0/1.25 <i>From 79-7/88 engines</i>	C4497	4 Pairs		1.6527/ 1.6535 41.979/ 41.999	1.7717/ 1.7725 45.001/ 45.022	0.6940 17.63	0.0588 1.494	
ACL: 4B1736 CLE: CB-1278AL (4) DAI: R7263A FMO: 4-3955RA GLA: B4609SA GLY: 01-4257/4 NDC: CB-1169A OEM: 23060-21124 OEM: MD030516 VAN: VPR92041A								
MB 521AM STD/.25/.5/.75/1.0 <i>Positions 1,2,4,5 upper half is full grooved, lower half is partial grooved, position # 3 partial groove. The set includes 2 flanged halves.</i> <i>Flange length:</i> <i>STD 23.95 mm (FI STD)</i> <i>0.25 - 24.05 mm (FI oversize 0.1mm)</i> <i>0.25,0.75 - 24.20 mm (FI oversize 0.25 mm)</i> <i>1.0,1.25,1.5 - 24.45 mm (FI oversize 0.5 mm)</i>	M 521U	4 Pairs	1-2-4-5	1.8890/ 1.8898 47.981/ 48.001	2.0472/ 2.0480 51.999/ 52.019	0.7531 19.13	0.0783 1.989	
	M 521L	1 Pair	3	1.8890/ 1.8898 47.981/ 48.001	2.0472/ 2.0480 51.999/ 52.019	0.9430 23.95	0.0783 1.989	
ACL: 5M1737 ~ CLE: MS-1668P DAI: M7264A FMO: 6630M ~ GLA: M5463SA NDC: MS-1818 OEM: MD030126 OEM: MD030126 VAN: VPM92447A								
MB5237AM STD/.25/.5/.75/1.0 <i>For use in USA.</i> <i>Same as MB 521AM, but with Flange STD in all undersizes.</i> <i>Flange length: 23.95 mm</i>	M 521U	4 Pairs	1-2-4-5	1.8890/ 1.8898 47.981/ 48.001	2.0472/ 2.0480 51.999/ 52.019	0.7531 19.13	0.0783 1.989	
	M 521L	1 Pair	3	1.8890/ 1.8898 47.981/ 48.001	2.0472/ 2.0480 51.999/ 52.019	0.9430 23.95	0.0783 1.989	
ACL: 5M1124 CLE: MS-2075P FMO: 6630M OEM: MD030573								
8	4G61 DOHC 16 valve	1991-92	1595 cc	82.30 X 75.00	4 cyl	Mirage	8	
	4G61T Turbo DOHC 16 valve	1989-90	1595 cc	82.30 X 75.00	4 cyl	Mirage		
CR4481AM STD/.25/.5/.75/1.0/1.5	C4481	4 Pairs		1.7709/ 1.7717 44.981/ 45.001	1.8899/ 1.8904 48.003/ 48.016	0.9290 23.60	0.0588 1.494	
ACL: 4B1146 CLE: CB-1120AL (4) DAI: R7265A FMO: 4-3485CP GLA: B4543SA GLY: 71-4143/4 NDC: CB-1085 OEM: MD002813 VAN: VPR91628A								
MB5227AM STD/.25/.5/.75/1.0 <i>flange STD length in all undersizes .</i>	M 524U	4 Pairs	1-2-4-5	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	0.9090 23.09	0.0784 1.991	
	M 524L	1 Pair	3	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	1.1400 28.96	0.0784 1.991	
ACL: 5M1144 CLE: MS-2076P FMO: 5103M								
9	S4L2		1758 cc	78.00 X 92.00	4 cyl		9	
CR1290SI	C1290	1 Pair		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 2.0082 0.000/ 51.008	0.8660 22.00	0.0590 1.499	
OEM: MM437-305								
MB5653SI STD	M5653U	4 Pairs		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.0000 0.000	
	M5653L	1 Pair		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.0000 0.000	
OEM: MM437-313								
10	4G91	9/1991-	1496 cc	78.40 X 77.50	4 cyl	Mirage, Galant	10	
	4G93	5/1991-93	1834 cc	81.00 X 89.00	4 cyl	Mirage, Galant		
CR4226AM <i>Under Development</i>	C4226*	4 Pairs		0.0000/ 2.0866 0.000/ 53.000	2.2049/ 0.0000 56.004/ 0.000	0.7756 19.70	0.0587 1.491	
DAI: R7200A GLA: B4789SA NDC: CB-1828 OEM: MD174884								
MB5176AM STD/.25/.5/.75/1.0	M5176U	5 Pairs		1.9678/ 1.9685 49.982/ 50.000	2.1260/ 2.1267 54.000/ 54.018	0.7490 19.02	0.0785 1.994	
	M5176L							
ACL: 5M8037 CLE: MS-2213AL								

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King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
DAI:M7200A FMO:7356M GLA:MB5582SA NDC:MS-1828 OEM:MD174857 VAN:VPM92728A							
TW 143AMSTD ACL:1T8037 CLE:TW-605S DAI:T7200A FMO:4741F K.S:TW-1828A NDC:TW-1828A OEM:MD174862	W 143	1 Pair		2.2047/ 2.2146 55.999/ 56.251	2.9685/ 2.9783 75.400/ 75.649	0.0000 0.00	0.0778 1.976
11 4G92	8/1991-93	1755 cc	81.00 X 77.50	4 cyl	Mirage, RVR X		11
4G93-T	8/1991-96	1834 cc	81.00 X 89.00	4 cyl	Mirage, RVR X		
4G93 SOHC 16 valve	1992-02	1834 cc	81.00 X 89.00	4 cyl	Expo LRV, Mirage		
CR4119AMSTD/.25/.5/.75/1.0 ACL:4B8036 CLE:CB-1782AL (4) DAI:R7204K FMO:4-4740 GLA:B4812SA NDC:CB-1829 OEM:MD177046	C4119	4 Pairs		1.7709/ 1.7717 44.981/ 45.001	1.8897/ 1.8905 47.998/ 48.019	0.6644 16.88	0.0587 1.491
CR4119CPSTD/.25/.5/.75/1.0	C4119	4 Pairs		1.7709/ 1.7717 44.981/ 45.001	1.8897/ 1.8905 47.998/ 48.019	0.6644 16.88	0.0587 1.491
MB5176AMSTD/.25/.5/.75/1.0 <i>2 holes in upper half</i> ACL:5M8037 CLE:MS-2213AL DAI:M7200A FMO:7356M GLA:MB5582SA NDC:MS-1828 OEM:MD174857 VAN:VPM92728A	M5176U M5176L	5 Pairs		1.9678/ 1.9685 49.982/ 50.000	2.1260/ 2.1267 54.000/ 54.018	0.7490 19.02	0.0785 1.994
MB5314AM <i>Under Development</i> <i>Option for Mirage with eng. 4G92</i> DAI:M7204K NDC:MS-1829 OEM:MD194178	M5314U* M5176L	5 Pairs	1-5	1.9678/ 1.9685 49.982/ 50.000	2.1260/ 2.1267 54.000/ 54.018	0.7490 19.02	0.0785 1.994
TW 143AMSTD ACL:1T8037 CLE:TW-605S DAI:T7200A FMO:4741F K.S:TW-1828A NDC:TW-1828A OEM:MD174862	W 143	1 Pair		2.2047/ 2.2146 55.999/ 56.251	2.9685/ 2.9783 75.400/ 75.649	0.0000 0.00	0.0778 1.976
12 122, 420A Chrysler DOHC 16 valve	1995-99	1996 cc	87.50 X 83.00	4 cyl	Eclipse		12
CR4183AMSTD/.25/.5/.75/1.0 <i>O.D. is +.002" O/S</i> ACL:4B1635PO/S2 CLE:CB-1635P (4) O/D 002 -	C4183	4 Pairs		1.8894/ 1.8900 47.991/ 48.006	2.0095/ 2.0101 51.041/ 51.057	0.8060 20.47	0.0594 1.509
CR4195AM ACL:4B1635 CLE:CB-1635P (4)	C4195	4 Pairs		1.8894/ 1.8900 47.991/ 48.006	2.0075/ 2.0081 50.991/ 51.006	0.8060 20.47	0.0584 1.483
MB5052AMSTD/.25/.5/.75/1.0 <i>For 1996-99, upper and lower lugs on same side when installed</i> ACL:5M2028P CLE:MS-2028P FMO:7328M OEM:MO-4856733	M5052U M5052L	4 Pairs	1,2,4,5	2.0469/ 2.0475 51.991/ 52.007	2.2045/ 2.2050 55.994/ 56.007	0.7860 19.96	0.0718 1.824
	F5052U F5052L	1 Pair	3	2.0469/ 2.0475 51.991/ 52.007	2.0450/ 2.0500 51.943/ 52.070	1.0340 26.26	0.0784 1.991
MB5065AMSTD/.25/.5/.75 <i>For 1995 only, lower lugs on opposite side from uppers when installed</i> ACL:5M4372P FMO:7327M OEM:MO-4728993	M5052U M5065L	4 Pairs	1,2,4,5	2.0469/ 2.0475 51.991/ 52.007	2.2045/ 2.2050 55.994/ 56.007	0.7860 19.96	0.0718 1.824
	F5052U F5065L	1 Pair	3	2.0469/ 2.0475 51.991/ 52.007	2.0450/ 2.0500 51.943/ 52.070	1.0340 26.26	0.0784 1.991
13 4G63	2/1992-	1997 cc	85.00 X 88.00	4 cyl	Galant, Delicia, Pajero		13
CR4120AMSTD/.25/.5/.75/1.0/1.25/1.5 ACL:4B1185 CLE:CB-1643P (4) DAI:R7281A FMO:4-4700 NDC:CB-1827A OEM:MD178648-650	C4120	4 Pairs		1.7709/ 1.7717 44.981/ 45.001	1.8898/ 1.8904 48.001/ 48.016	0.8268 21.00	0.0587 1.491
MB5177AMSTD/.25/.5/.75/1.0 <i>For 1992-98 engines.</i> <i>Flange length: STD - 28.96 mm (FI STD)</i> <i>0.25 - 29.06 mm (FI O/S 0.1mm)</i> <i>0.50,0.75 - 29.21mm (FI O/S 0.25 mm)</i> <i>1.0,1.25,1.5 - 29.46mm (FI O/S 0.5 mm)</i> DAI:M7281A FMO:7348M ~ NDC:MS-1827A OEM:MD178633-647	M5177U M5177L	4 Pairs	1-2-4-5	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	0.8120 20.62	0.0786 1.996
	F5177	1 Pair	3	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	1.0000 25.40	0.0786 1.996
MB5209AMSTD/.25/.5/.75/1.0 <i>same as MB5177AM, but with flange STD length in all undersizes.</i> ACL:5M1186 CLE:MS-2039P	M5177U M5177L	4 Pairs	1-2-4-5	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	0.8120 20.62	0.0786 1.996
				2.2435/ 2.2441	2.4016/ 2.4024	1.0000	0.0786






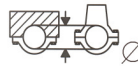


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King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
FMO: 7348M OEM: MD195916/195921	F5209	1 Pair	3	56.985/ 57.000	61.001/ 61.021	25.40	1.996		
MB5315AM STD/.25/.5/.75/1.0 For engines 1997-on requiring thrustwashers ACL: 5M1219 FMO: 7415M OEM: 21020-38540	M5177U M5177L	5 Pairs	1-5	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	0.8120 20.62	0.0786 1.996		
TW 173AM STD/.25 For use with MB5315AM ACL: 1T1219 FMO: 4709F NDC: TW-1834A	W 173	1 Pair		2.4842/ 2.4941 63.099/ 63.350	3.1693/ 3.1791 80.500/ 80.749	0.0000 0.00	0.0830 2.108		
14	4D68 Diesel		1998 cc	82.70 X 93.00	4 cyl	Galant, Lancer, Spacewagon		14	
CR4359CA STD/.25/.5/.75/1.0/1.25/1.5	C4120 C4123	4 Pairs	1-4	1.7709/ 1.7717 44.981/ 45.001	1.8898/ 1.8904 48.001/ 48.016	0.8260 20.98	0.0588 1.494		
MB5315AM STD/.25/.5/.75/1.0 ACL: 5M1219 FMO: 7415M OEM: 21020-38540	M5177U M5177L	5 Pairs	1-5	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	0.8120 20.62	0.0786 1.996		
15	4G36	11/75-2/79	1238 cc	73.00 X 74.00	4 cyl			15	
	4G30	1969-73	1289 cc	73.00 X 77.00	4 cyl				
	G33B, 4G33	8/1971-	1439 cc	73.00 X 86.00	4 cyl	Lancer, Mirage, Galant, Delicia			
	G31B, 4G31	11/69-6/88	1499 cc	74.50 X 86.00	4 cyl	Lancer, Mirage, Galant, Delicia			
	G32B, 4G32	10/70-	1597 cc	76.90 X 86.00	4 cyl	Lancer, Mirage, Galant, Delicia			
	G32B Turbo SOHC 12 valve	1985-88	1597 cc	77.00 X 86.00	4 cyl	Mirage			
	4G35	2/72-5/77	1686 cc	79.00 X 86.00	4 cyl				
	G37B, 4G37	6/1986-	1755 cc	80.60 X 86.00	4 cyl	Lancer, Mirage, Galant, Delicia			
	4G37 SOHC 8 valve	1989-94	1755 cc	80.60 X 86.00	4 cyl	Eclipse			
	G62B, 4G62	1978-2/88	1795 cc	80.60 X 88.00	4 cyl	Galant, Delicia			
	4D65, 4D65-T	3/83-9/91	1795 cc	80.60 X 88.00	4 cyl	Galant, Mirage			
	G62B SOHC 12 valve	1983-84	1795 cc	80.60 X 86.00	4 cyl	Cordia, Tredia			
	G62B Turbo SOHC 12 valve	1984-88	1795 cc	80.60 X 88.00	4 cyl	Cordia, Tredia			
	G63B, 4G63	2/80-7/90	1997 cc	85.00 X 88.00	4 cyl	Galant, Delicia			
	4G63 SOHC 8 valve	1989-92	1997 cc	85.00 X 88.00	4 cyl	Galant			
	G63B SOHC 12 valve	1983-89	1997 cc	85.00 X 88.00	4 cyl	Cordia, Mighty Max, Pick-up, Tredia			
	4G63 DOHC 16 valve	1989-94	1997 cc	85.00 X 88.00	4 cyl	Eclipse, Galant			
	4G63T Turbo DOHC 16 valve	1989-98	1997 cc	85.00 X 88.00	4 cyl	Eclipse, Galant			
	4G63 SOHC 16 valve	1993	1997 cc	85.00 X 88.00	4 cyl	Galant			
	G64B, 4G64	1985-00	2350 cc	86.50 X 100.00	4 cyl	Galant, Delicia			
	G64B SOHC 12 valve	1985-88	2350 cc	86.50 X 100.00	4 cyl	Galant, Van, Wagon			
	4G64 SOHC 8 valve	1989-96	2350 cc	86.50 X 100.00	4 cyl	Expo, Mighty Max, Pick-up, Van, Wagon			
	4G64 SOHC 16 valve	1993-05	2350 cc	86.50 X 100.00	4 cyl	Eclipse, Expo, Galant, Montero Sport, Outlander			
	4G64 DOHC 16 valve	1994	2350 cc	86.50 X 100.00	4 cyl	Galant			
CR4120AM STD/.25/.5/.75/1.0/1.25/1.5 4/92- ACL: 4B1185 CLE: CB-1643P (4) DAI: R7281A FMO: 4-4700 NDC: CB-1827A OEM: MD178648-650	C4120	4 Pairs		1.7709/ 1.7717 44.981/ 45.001	1.8898/ 1.8904 48.001/ 48.016	0.8268 21.00	0.0587 1.491		
CR4481AM STD/.25/.5/.75/1.0/1.5 For 1983-3/92 engines ACL: 4B1146 CLE: CB-1120AL (4) DAI: R7265A FMO: 4-3485CP GLA: B45435A GYL: 71-4143/4	C4481	4 Pairs		1.7709/ 1.7717 44.981/ 45.001	1.8899/ 1.8904 48.003/ 48.016	0.9290 23.60	0.0588 1.494		

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 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
NDC:CB-1085 VAN:VPR91628A OEM:MD002813							
CS3305BB Balance shaft bearing for 4G63, 4G63T, G63B, 4G64, G64B engs. only.							
MB 524AM STD/.25/.5/.75/1.0 With full groove in upper & partial groove in lower regular halves. Flanged bearing is not grooved. . Flange length: STD - 28.96 mm (FI STD) 0.25 - 29.06 mm (FI O/S 0.1mm) 0.50,0.75 - 29.21mm (FI O/S 0.25 mm) 1.0,1.25,1.5 - 29.46mm (FI O/S 0.5 mm) ACL:5M1144 ~ CLE:MS-2043 DAI:M7280A FMO:5058M GLA:M5558SA GLY:5103M NDC:MS-1821GP OEM:MD002273 OEM:MD002343 VAN:VPM04011 ~	M 524U M 524L F 524	4 Pairs 1 Pair	1-2-4-5 3	2.2435/ 2.2441 56.985/ 57.000 2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021 2.4016/ 2.4024 61.001/ 61.021	0.9090 23.09 1.1400 28.96	0.0784 1.991 0.0784 1.991
MB5177AM STD/.25/.5/.75/1.0 1992-96 DAI:M7281A FMO:7348M ~ NDC:MS-1827A OEM:MD178633~647	M5177U M5177L F5177	4 Pairs 1 Pair	1-2-4-5 3	2.2435/ 2.2441 56.985/ 57.000 2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021 2.4016/ 2.4024 61.001/ 61.021	0.8120 20.62 1.0000 25.40	0.0786 1.996 0.0786 1.996
MB5209AM STD/.25/.5/.75/1.0 same as MB5177AM, but with flange STD length in all undersizes . ACL:5M1186 CLE:MS-2039P FMO:7348M OEM:MD195916/195921	M5177U M5177L F5209	4 Pairs 1 Pair	1-2-4-5 3	2.2435/ 2.2441 56.985/ 57.000 2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021 2.4016/ 2.4024 61.001/ 61.021	0.8120 20.62 1.0000 25.40	0.0786 1.996 0.0786 1.996
MB5227AM STD/.25/.5/.75/1.0 flange STD length in all undersizes . ACL:5M1144 CLE:MS-2076P FMO:5103M	M 524U M 524L F5227	4 Pairs 1 Pair	1-2-4-5 3	2.2435/ 2.2441 56.985/ 57.000 2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021 2.4016/ 2.4024 61.001/ 61.021	0.9090 23.09 1.1400 28.96	0.0784 1.991 0.0784 1.991
MB5315AM STD/.25/.5/.75/1.0 For engines 1997-on requiring thrustwashers ACL:5M1219 FMO:7415M OEM:21020-38540	M5177U M5177L	5 Pairs	1-5	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	0.8120 20.62	0.0786 1.996
MB5403AM STD/.25/.5/.75/1.0/1.25 For engines with upper flange shell only. ACL:5M1228	M5177U M5177L F5209 M5177L	4 Pairs 1 Pair	1-2-4-5 3	2.2435/ 2.2441 56.985/ 57.000 2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021 2.4016/ 2.4024 61.001/ 61.021	0.8120 20.62 1.0000 25.40	0.0786 1.996 0.0786 1.996
TW 173AM STD/.25 For use with MB5315AM ACL:1T1219 FMO:4709F NDC:TW-1834A	W 173	1 Pair		2.4842/ 2.4941 63.099/ 63.350	3.1693/ 3.1791 80.500/ 80.749	0.0000 0.00	0.0830 2.108
16	4D56-T INLINE 4 SOHC 2V TURBO DIESEL	1986-1993	2477 cc	91.10 X 95.00	4 cyl	Delica Van, Pajero ND (SWB) 2D Wagon, Pajero ND Sports 2D wagon, Pajero ND Super 4D Wagon, Pajero NE (SWB) 2D Wagon, Pajero NE Sports (SWB) 2D Wago, Pajero NE Super 4D Wagon, Pajero NF Commercial 4D Wagon, Pajero NF EXE (LWB) 4D Wagon, Pajero NF EXE (SWB) 2D Hardtop, Pajero NF Superwagon 4D Wagon, Pajero NG Commercial 4D Wagon, Pajero NG EXE (LWB) 4D Wagon, Pajero NG EXE (SWB) 2D Hardtop, Pajero NG Superwagon 4D Wagon,	16

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King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
							Pajero NH GL (LWB) 4D Wagon, Pajero NH GLS (LWB) 4D Wagon, Pajero NH GLX (LWB) 4D Wagon, Triton MH 4X4 Clab Cab Utility, Triton MH 4X4 Double Cab Utili, Triton MH 4X4 Standard Cab Cha, Triton MH 4X4 Standard Utility, Triton MH Clab Cab Utility, Triton MH Double Cab Utility, Triton MH MX Cab Chassis, Triton MH Utility, Triton MH Standard Cab Chassis, Triton MH Standard Utility	
CR4466AM STD/.25/.5/.75/1.0/1.5 ACL:4B1136 CLE:CB-1220AL (4) DAI:R7270A FMO:4-66675CP GLA:B4559SA GLY:71-4194/4 NDC:CB-1131GP OEM:MD020891 OEM:AM15-11-SE0 VAN:VPR91683A	C4466	4 Pairs		2.0858/ 2.0866 52.979/ 53.000	2.2047/ 2.2055 55.999/ 56.020	0.9840 24.99	0.0590 1.499	
MB5405AM ACL:5M1227	M 577 M5342L	5 Pairs		2.5976/ 2.5984 65.979/ 65.999	2.7559/ 2.7567 70.000/ 70.020	0.9840 24.99	0.0782 1.986	
TW 174AM	W 174	1 Pair		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.0000 0.000	
17	6G73 SOHC 24 valve	1995	2497 cc	83.50 X 76.00	6 cyl	Galant	17	
CR6629AM STD/.25/.5/.75/1.0/1.25 ACL:6B1140 CLE:CB-1411AL (6) DAI:R7708A FMO:6-1735AP GLA:B6658 NDC:CB-1822 OEM:MD105277	C6629	6 Pairs		1.9674/ 1.9685 49.972/ 50.000	2.0866/ 2.0874 53.000/ 53.020	0.6060 15.39	0.0587 1.491	
TW 247AM STD ACL:2T1149 CLE:TW- 458S DAI:T7285A FMO:1736AF K.S:TW-1822GP NDC:TW-1822GP OEM:MD116890	W 247D W 247E	2 Pairs		2.5984/ 2.6083 65.999/ 66.251	3.0590/ 3.0690 77.699/ 77.953	0.0000 0.00	0.0777 1.974	
18	G51B, 4G51 G52B, 4G52 4D55, 4D55-T Turbo Diesel 4G53 4D56, 4D56-T 4G54	6/73-2/78 8/72-7/78 2/80-3/86 5/73-7/78 4/1986- 11/75-7/78	1855 cc 1995 cc 2346 cc 2384 cc 2476 cc 2555 cc	81.00 X 90.00 84.00 X 90.00 91.10 X 90.00 88.00 X 98.00 91.10 X 95.00 91.10 X 98.00	4 cyl 4 cyl 4 cyl 4 cyl 4 cyl 4 cyl	Galant Galant 2300, Delica,Galant,Pajero Galant Delica,Galant,Pajero Galant	18	
CR4466AM STD/.25/.5/.75/1.0/1.5 ACL:4B1136 CLE:CB-1220AL (4) DAI:R7270A FMO:4-66675CP GLA:B4559SA GLY:71-4194/4 NDC:CB-1131GP OEM:MD020891 OEM:AM15-11-SE0 VAN:VPR91683A	C4466	4 Pairs		2.0858/ 2.0866 52.979/ 53.000	2.2047/ 2.2055 55.999/ 56.020	0.9840 24.99	0.0590 1.499	
CS 327BB <i>Balance shaft bearing.</i> ACL:3B88288 CLE:SH-1429S DUR:MIG-2 FMO:1805M OEM:MD008288	S 327	2	1-2	1.6933/ 1.6939 43.010/ 43.025	1.8122/ 1.8130 46.030/ 46.050	0.7870 19.99	0.0583 1.481	
MB 577AM STD/.25/.5/.75/1.0 <i>Flange length:</i> <i>STD 30.96 mm (FI STD)</i> <i>0.25 30.16 mm (FI O/S 0.1)</i> <i>0.5,0.75,1.0 31.21mm (FI O/S 0.25mm)</i> ACL:5M1134 CLE:MS-1430AL DAI:M7277A GLA:M5435SA NDC:MS-1131GP OEM:MD020381 VAN:VPM91684A	M 577 F 577	4 Pairs 1 Pair	1-2-4-5 3	2.5976/ 2.5984 65.979/ 65.999 2.5976/ 2.5984 65.979/ 65.999	2.7559/ 2.7567 70.000/ 70.020 2.7559/ 2.7567 70.000/ 70.020	0.9840 24.99 1.2190 30.96	0.0782 1.986 0.0782 1.986	
MB5228AM STD/.25/.5/.75/1.0 <i>same as MB 577AM, but with flange STD length in all undersizes .</i>	M 577	4 Pairs	1-2-4-5	2.5976/ 2.5984 65.979/ 65.999	2.7559/ 2.7567 70.000/ 70.020	0.9840 24.99	0.0782 1.986	

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King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness			
ACL:5M1137 FMO:6593M	CLE:MS-2069P GLY:H1055/5	F5228	1 Pair	3	2.5976/ 2.5984 65.979/ 65.999	2.7559/ 2.7567 70.000/ 70.020	1.2190 30.96	0.0782 1.986		
19	G52B, 4G52	8/78-9/87	1995 cc	84.00 X 90.00	4 cyl	Galant, Jeep			19	
	4G53	7/78-83	2384 cc	88.00 X 98.00	4 cyl	Galant, Jeep				
	G54B, 4G54 SOHC 12 valve	8/78-89	2555 cc	91.10 X 98.00	4 cyl	2600, Galant, Jeep, Mighty Max, Montero, Pick-up, SPX				
	G54B Turbo SOHC 12 valve	1983-89	2555 cc	91.10 X 98.00	4 cyl	Starion				
CR4466AMSTD/.25/.5/.75/1.0/1.5 ACL:4B1136 DAI:R7270A GLA:B4559SA NDC:CB-1131GP OEM:AM15-11-SEO	CLE:CB-1220AL (4) FMO:4-66675CP GLY:71-4194/4 OEM:MD020891 VAN:VPR91683A	C4466	4 Pairs		2.0858/ 2.0866 52.979/ 53.000	2.2047/ 2.2055 55.999/ 56.020	0.9840 24.99	0.0590 1.499		
CS 327BB <i>Balance shaft bearing.</i> ACL:3BS8288 DUR:MIG-2 OEM:MD008288	CLE:SH-1429S FMO:1805M	S 327	2	1-2	1.6933/ 1.6939 43.010/ 43.025	1.8122/ 1.8130 46.030/ 46.050	0.7870 19.99	0.0583 1.481		
MB 546AMSTD/.25/.5/.75/1.0 <i>For use in USA. Same as MB5195AM, but with flange STD length in all undersizes.</i> ACL:5M1139 DAI:M7275A GLA:M5407LC OEM:AM01-11-SGO	CLE:MS-1945P FMO:6618M NDC:MS-1819 (F STD) OEM:AM01-11-SGO	M 546U M 546L	4 Pairs	1-2-4-5	2.3614/ 2.3622 59.980/ 60.000	2.5197/ 2.5205 64.000/ 64.021	0.9894 25.13	0.0784 1.991		
		F 546	1 Pair	3	2.3614/ 2.3622 59.980/ 60.000	2.5197/ 2.5205 64.000/ 64.021	1.2190 30.96	0.0784 1.991		
MB5195AMSTD/.25/.5/.75/1.0 <i>Flange length: STD 30.96 mm (FI STD) 0.25 30.16 mm (FI O/S 0.1mm) 0.5,0.75,1.0 31.21mm (FI O/S 0.25mm)</i> CLE:MS-1671 DAI:M7275A NDC:MS-1819 OEM:AM01-11-SGO VAN:VPM91952A		M 546U M 546L	4 Pairs	1-2-4-5	2.3614/ 2.3622 59.980/ 60.000	2.5197/ 2.5205 64.000/ 64.021	0.9894 25.13	0.0784 1.991		
		F5195	1 Pair	3	2.3614/ 2.3622 59.980/ 60.000	2.5197/ 2.5205 64.000/ 64.021	1.2190 30.96	0.0784 1.991		
20	4DR5	7/70-8/91	2659 cc	92.00 X 100.00	4 cyl				20	
	4DR6-T	10/1986-	2659 cc	92.00 X 100.00	4 cyl					
	4DR7	10/1989-	2835 cc	95.00 X 100.00	4 cyl					
CR 440CP <i>Under Development - 09/1986</i> GLA:B4658LC NDC:CB-1812GP		C 440*	4 Pairs		2.0858/ 2.0866 52.979/ 53.000	2.2047/ 2.2056 55.999/ 56.022	0.9894 25.13	0.0588 1.494		
CR 442CP <i>Under Development 10/1986 -</i> CLE:CB-1261P (4) GLA:B4810LC OEM:ME999764	DAI:R6058K NDC:MS-1831GP VAN:VPR92835	C 442*	4 Pairs		0.0000/ 2.2821 0.000/ 57.965	2.4409/ 0.0000 61.999/ 0.000	1.2650 32.13	0.0787 1.999		
MB5251CP <i>Under Development</i> CLE:MS-1712P GLA:M5438LC OEM:30319-10010	DAI:M6050K NDC:MS-1812GP VAN:VPM92437	M5251U* M5251L*	5 Pairs	1-5	0.0000/ 2.7543 0.000/ 69.959	2.9134/ 0.0000 74.000/ 0.000	1.1075 28.13	0.0787 1.999		
TW 307AM <i>Under Development</i> DAI:T 650L3 OEM:31309-08100	NDC:TW-1115K	W 307D W 307E	1 Pair		0.0000/ 3.0413 0.000/ 77.249	3.7401/ 0.0000 94.999/ 0.000	0.0000 0.00	0.0964 2.449		
		W 307D	1 Half		0.0000/ 3.0413 0.000/ 77.249	3.7401/ 0.0000 94.999/ 0.000	0.0000 0.00	0.0964 2.449		
21	4M40	1982-	2835 cc	95.00 X 100.00	4 cyl	Delica, Pajero			21	
CR4328CPSTD/.25/.5/.75/1.0 DAI:R7800K NDC:CB-1832GP	GLY:71-4567/4 OEM:ME996534	C4328U C4328L	4 Pairs	1-4	0.0000/ 2.1260 0.000/ 54.000	2.2835/ 0.0000 58.001/ 0.000	1.0866 27.60	0.0786 1.996		
MB5372CP1.0 DAI:M7800K OEM:ME996520-8	NDC:MS-1832GP	M5372/1U M5372/1L	4 Pairs	1,2,4,5	0.0000/ 2.6772 0.000/ 68.001	2.8346/ 0.0000 71.999/ 0.000	0.8661 22.00	0.0787 1.999		
		M5372/3U M5372/3L	1 Pair	3	0.0000/ 2.6772 0.000/ 68.001	2.8346/ 0.0000 71.999/ 0.000	0.8661 22.00	0.0780 1.981		
TW 299AM DAI:T7800A	GLY:A274/4	W 299D W 299E	2 Pairs		0.0000/ 3.0019 0.000/ 76.248	3.7283/ 3.7293 94.699/ 94.724	0.0000 0.00	0.0964 2.449		

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King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
K.S:TW-1832A OEM:ME200280	NDC:TW-1832A								
22	6G71	7/86-89	2972 cc	91.00 X 76.00	6 cyl	Diamante, Galant, Debonair		22	
CR 639AM <i>Under Development</i> GLA:B6665SA NDC:CB-1823A	C 639*	6 Pairs		0.0000/ 1.7717 0.000/ 45.001	1.8898/ 0.0000 48.001/ 0.000	0.6102 15.50	0.0587 1.491		
MB 458AM STD/.25/.5/.75/1.0 <i>Upper half with full groove and one center oil hole. Lower half with partial groove and 2 oil holes.</i> ACL:4M1149 CLE:MS-1720P DAI:M7285A FMO:7090M GLA:M4289 GLY:7090M K.S:MS-1822A NDC:MS-1822 OEM:MD357491 OEM:MD105269	M 458U M4016L	4 Pairs		2.3611/ 2.3622 59.972/ 60.000	2.5197/ 2.5205 64.000/ 64.021	0.7090 18.01	0.0783 1.989		
TW 247AM STD ACL:2T1149 CLE:TW- 458S DAI:T7285A FMO:1736AF K.S:TW-1822GP NDC:TW-1822GP OEM:MD116890	W 247D W 247E	2 Pairs		2.5984/ 2.6083 65.999/ 66.251	3.0590/ 3.0690 77.699/ 77.953	0.0000 0.00	0.0777 1.974		
23	6G72	7/86-7/92	2972 cc	91.00 X 76.00	6 cyl	Delica,Galant,Pajero		23	
	6G72 SOHC 12 valve	1988-99	2972 cc	91.00 X 76.00	6 cyl	3000GT, Diamante, Galant, Mighty Max, Montero, Pick-up, Sigma			
	6G72 SOHC 24 valve	1994-05	2972 cc	91.00 X 76.00	6 cyl	Eclipse, Galant, Montero			
	6G72 DOHC 24 valve	1991-99	2972 cc	91.00 X 76.00	6 cyl	3000GT, Diamante			
	6G72T Turbo DOHC 24 valve	1991-99	2972 cc	91.00 X 76.00	6 cyl	3000GT			
CR6629AM STD/.25/.5/.75/1.0/1.25 ACL:6B1140 CLE:CB-1411AL(6) DAI:R7708A FMO:6-1735AF GLA:B6658 NDC:CB-1822 OEM:MD105277	C6629	6 Pairs		1.9674/ 1.9685 49.972/ 50.000	2.0866/ 2.0874 53.000/ 53.020	0.6060 15.39	0.0587 1.491		
MB 458AM STD/.25/.5/.75/1.0 <i>For SOHC engines.</i> <i>Upper half with full groove and one center oil hole. Lower half with partial groove and 2 oil holes.</i> ACL:4M1149 CLE:MS-1720P DAI:M7285A FMO:7090M GLA:M4289 GLY:7090M K.S:MS-1822A NDC:MS-1822 OEM:MD357491 OEM:MD105269	M 458U M4016L	4 Pairs		2.3611/ 2.3622 59.972/ 60.000	2.5197/ 2.5205 64.000/ 64.021	0.7090 18.01	0.0783 1.989		
MB4016AM STD/.25/.5/.75/1.0 <i>For DOHC and Turbo engines, DOHC (24V.)</i> <i>1991/96 Upper half with full groove and 3 oil holes.</i> <i>Lower half with partial groove and 2 oil holes.</i> CLE:MS-2226P FMO:7355M	M4016U M4016L	4 Pairs		2.3611/ 2.3622 59.972/ 60.000	2.5197/ 2.5205 64.000/ 64.021	0.7090 18.01	0.0783 1.989		
TW 247AM STD ACL:2T1149 CLE:TW- 458S DAI:T7285A FMO:1736AF K.S:TW-1822GP NDC:TW-1822GP OEM:MD116890	W 247D W 247E	2 Pairs		2.5984/ 2.6083 65.999/ 66.251	3.0590/ 3.0690 77.699/ 77.953	0.0000 0.00	0.0777 1.974		
24	226 SOHC Chrysler Magnum 12 valve	2006-09	3700 cc	93.00 X 90.80	6 cyl	Raider		24	
CR6822SI STD/.25/.5/.75/1.0 <i>w/o locating lug</i> ACL:6B7200A FMO:6-4840A	C6822	6 Pairs		2.2794/ 2.2797 57.897/ 57.904	2.4092/ 2.4097 61.194/ 61.206	0.6500 16.51	0.0640 1.626		
CS2101BB STD <i>Under Development</i> <i>Balance shaft bearing set.</i> CLE:SH-1997S DUR:PDG-30 FMO:1895M	S2101/1	1	1	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 2.3533 0.000/ 59.774	0.7100 18.03	0.0728 1.849		
	S2101/2	1	2	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 1.2903 0.000/ 32.774	0.7100 18.03	0.0728 1.849		
MB4102SI STD/.25/.26/.5/.75/1.0 <i>Includes thrust washer</i> ACL:4M7214A CLE:MS-2244P FMO:7386MA	M5284U M5284L	4 Pairs	1-4	2.4998/ 2.5002 63.495/ 63.505	2.6927/ 2.6931 68.395/ 68.405	0.8120 20.62	0.0962 2.443		
	W5284D W5284E	1 Pair		2.8471/ 2.8510 72.316/ 72.415	3.6345/ 3.6384 92.316/ 92.415	0.0000 0.00	0.1004 2.550		
TW 167AM STD	W5284D	1 Pair	3	2.8471/ 2.8510	3.6345/ 3.6384	0.0000	0.1004		

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King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
ACL:1T7214 FMO:4706F	CLE:TW-608S	W5284E		72.316/ 72.415	92.316/ 92.415	0.00	2.550	
25	6G74	1994-99	3496 cc	93.00 X 86.00	6 cyl	Montero, Pajero, Debonair	25	
	6G74 SOHC 24 valve	1997-04	3496 cc	93.00 X 86.00	6 cyl	Diamante, Montero		
	6G74 DOHC 24 valve	1994-96	3496 cc	93.00 X 86.00	6 cyl	Montero		
	6G75 SOHC 24 Valve	2003-05	3828 cc	95.00 X 90.00	6 cyl	Endeavor, Galant, Montero		
CR6735AM STD/.25/.5/.75	C6735	6 Pairs		2.1646/ 2.1653 54.981/ 54.999	2.2835/ 2.2842 58.001/ 58.019	0.6024 15.30	0.0587 1.491	
ACL:6B1180 DAI:R7700K OEM:MD311928-32	CLE:CB-1832P NDC:CB-1842A							
MB4050AM STD/.25/.5/.75	M4050U M4050L	4 Pairs	1-4	2.5190/ 2.5197 63.983/ 64.000	2.6772/ 2.6780 68.001/ 68.021	0.6732 17.10	0.0786 1.996	
ACL:4M1183 DAI:M7700K OEM:21020-35750	CLE:MS-2238P NDC:MS-1842A OEM:MD197907~11							
TW 158AM	W 158	1 Pair		2.7598/ 2.7697 70.099/ 70.350	3.7106/ 3.7205 94.249/ 94.501	0.0000 0.00	0.0778 1.976	
ACL:1T1183 NDC:TW-1842A	CLE:TW-617S							
26	4D34, 4D34-T	8/1991-	3907 cc	104.00 X 115.00	4 cyl		26	
CR4286CP								
DAI:R6036K OEM:ME997261	NDC:CB-1830GP							
MB5074CP	M5074U M5074L	5 Pairs	1-5	0.0000/ 3.6890 0.000/ 93.701	3.2283/ 0.0000 81.999/ 0.000	1.0681 27.13	0.0790 2.007	
DAI:M6029K GLA:M5559LC NDC:MS-1807GP VAN:VPM92646LC	FMO:7081M GLY:H1155/5 OEM:ME011530							
TW 301AM <i>Under Development</i>	W 301D W 301E	1 Pair		0.0000/ 3.2775 0.000/ 83.249	4.3307/ 0.0000 110.000/ 0.000	0.0000 0.00	0.0964 2.449	
DAI:T6030L OEM:ME013560	NDC:TW-1807K							
	W 301D	1 Half		0.0000/ 3.2775 0.000/ 83.249	4.3307/ 0.0000 110.000/ 0.000	0.0000 0.00	0.0964 2.449	
27	4D30	11/78-	3298 cc	100.00 X 105.00	4 cyl		27	
	4D31, 4D31-T	10/82-91	3298 cc	100.00 X 105.00	4 cyl			
	4D32	9/1989-	3567 cc	104.00 X 105.00	4 cyl			
	4D33	9/1989-	4214 cc	108.00 X 115.00	4 cyl			
CR4202CP	C4202U C4202L	4 Pairs		0.0000/ 2.3608 0.000/ 59.964	2.5197/ 2.5204 64.000/ 64.018	1.3043 33.13	0.0787 1.999	
DAI:R6029K GLA:B4767LC NDC:CB-1160GP	FMO:4-1600CP GLY:71-4360/4 OEM:ME012205							
MB5074CP	M5074U M5074L	5 Pairs	1-5	0.0000/ 3.6890 0.000/ 93.701	3.2283/ 0.0000 81.999/ 0.000	1.0681 27.13	0.0790 2.007	
DAI:M6029K GLA:M5559LC NDC:MS-1807GP VAN:VPM92646LC	FMO:7081M GLY:H1155/5 OEM:ME011530							
28	4D36		3567 cc	104.00 X 105.00	4 cyl		28	
	4D33		4214 cc		4 cyl			
	4D35		4561 cc	110.00 X 120.00	4 cyl			
CR4202CP	C4202U C4202L	4 Pairs		0.0000/ 2.3608 0.000/ 59.964	2.5197/ 2.5204 64.000/ 64.018	1.3043 33.13	0.0787 1.999	
DAI:R6029K GLA:B4767LC NDC:CB-1160GP	FMO:4-1600CP GLY:71-4360/4 OEM:ME012205							
MB5074CP	M5074U M5074L	5 Pairs	1-5	0.0000/ 3.6890 0.000/ 93.701	3.2283/ 0.0000 81.999/ 0.000	1.0681 27.13	0.0790 2.007	
DAI:M6029K GLA:M5559LC NDC:MS-1807GP VAN:VPM92646LC	FMO:7081M GLY:H1155/5 OEM:ME011530							
TW 301AM <i>Under Development</i>	W 301D W 301E	1 Pair		0.0000/ 3.2775 0.000/ 83.249	4.3307/ 0.0000 110.000/ 0.000	0.0000 0.00	0.0964 2.449	

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King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
DAI:T6030L NDC:TW-1807K OEM:ME013560	W 301D	1 Half		0.0000/ 3.2775 0.000/ 83.249	4.3307/ 0.0000 110.000/ 0.000	0.0000 0.00	0.0964 2.449	
29	287 SOHC 16 valve	2006-07	4700 cc	3.66 X 3.41	8 cyl	Raider	29	
CS5507BB								
DUR:PDA-4								
MB5284SI STD/.25/.5/.75 Set includes Thrust Washers ACL:5M7214A CLE:MS-2216P FMO:7352MA	M5284U M5284L	5 Pairs	1-5	2.4998/ 2.5002 63.495/ 63.505	2.6927/ 2.6931 68.395/ 68.405	0.8120 20.62	0.0962 2.443	
	W5284D W5284E	1 Pair	3	2.8471/ 2.8510 72.316/ 72.415	3.6345/ 3.6384 92.316/ 92.415	0.0000 0.00	0.1004 2.550	
TW 167AM STD ACL:1T7214 CLE:TW-608S FMO:4706F	W5284D W5284E	1 Pair	3	2.8471/ 2.8510 72.316/ 72.415	3.6345/ 3.6384 92.316/ 92.415	0.0000 0.00	0.1004 2.550	
30	6D31	10/1985- 2/90	4948 cc	100.00 X 105.00	6 cyl		30	
	6D31-T	10/1985-	4948 cc	100.00 X 105.00	6 cyl			
CR 637CP GLA:B6657LC OEM:ME999726	C4202U C4202L	6 Pairs		0.0000/ 2.3608 0.000/ 59.964	2.5197/ 2.5204 64.000/ 64.018	1.3043 33.13	0.0787 1.999	
MB 719CP Under Development DAI:M 602K1 GLA:M7474LC NDC:MS-1036GP OEM:30009-22002	M 719/1*	2 Pairs	1,4	0.0000/ 3.5276 0.000/ 89.601	3.7795/ 0.0000 95.999/ 0.000	1.9370 49.20	0.1181 3.000	
	M 719/2*	4 Pairs	2,3,5,6	0.0000/ 3.5276 0.000/ 89.601	3.7795/ 0.0000 95.999/ 0.000	1.2283 31.20	0.1181 3.000	
	M 719/7*	1 Pair	7	0.0000/ 3.5276 0.000/ 89.601	3.7795/ 0.0000 95.999/ 0.000	2.2126 56.20	0.1181 3.000	
31	6D10	1974-79	5974 cc	105.00 X 115.00	6 cyl	6000	31	
	6D14	1974-92	6557 cc	110.00 X 115.00	6 cyl	6600-6601-6602-6603		
	6D14-T	1985-92	6557 cc	110.00 X 115.00	6 cyl	6600		
	6D11	1974-79	6754 cc	105.00 X 130.00	6 cyl			
	6D15	9/1979-3/87	6919 cc	113.00 X 115.00	6 cyl			
	6D15-T 6D15-5 -10/1987- 6D15T-T2 -5/1986- 6D15T-T3 -2/1992-	1987-	6919 cc	113.00 X 115.00	6 cyl	6600		
	6D16	1987-91	7545 cc	118.00 X 115.00	6 cyl	7500		
	6D16-T	1987-	7545 cc	118.00 X 115.00	6 cyl			
	6D17	5/1991-	8201 cc	118.00 X 125.00	6 cyl			
CR6725CP Different upper and lower halves DAI:R6321K GLA:B6656LC NDC:CB-1820GP OEM:ME032016 VAN:VPR92753	C6725U C6725L	6 Pairs		0.0000/ 2.5567 0.000/ 64.940	2.7165/ 0.0000 68.999/ 0.000	1.3437 34.13	0.0787 1.999	
MB7043CP DAI:M6320K FMO:7182M GLA:M7415LC NDC:MS-1145 OEM:ME999201 OEM:ME031078 VAN:VPM92046	M7043U M7043L	7 Pairs	1-7	0.0000/ 3.1478 0.000/ 79.954	3.3465/ 3.3473 85.001/ 85.021	1.1075 28.13	0.0984 2.499	
TW 302AM Under Development DAI:T6320L NDC:TW-1145K OEM:ME031059	W 302D W 302E	1 Pair		0.0000/ 3.5531 0.000/ 90.249	4.3307/ 0.0000 110.000/ 0.000	0.0000 0.00	0.0964 2.449	
	W 302D	1 Half		0.0000/ 3.5531 0.000/ 90.249	4.3307/ 0.0000 110.000/ 0.000	0.0000 0.00	0.0964 2.449	

MITSUBISHI				MITSUBISHI			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
TW 303AM <i>Under Development</i> (10/1987-) DAI:T 626L NDC:TW-1820K OEM:ME071163	W 303D W 303E W 303D	1 Pair 1 Half		0.0000/ 3.5531 0.000/ 90.249 0.0000/ 3.5531 0.000/ 90.249	4.4488/ 0.0000 113.000/ 0.000 4.4488/ 0.0000 113.000/ 0.000	0.0000 0.00 0.0000 0.00	0.0964 2.449 0.0964 2.449
32	6D16, 6D16-T	7545 cc	118.00 X 115.00	6 cyl			32
	6D17	8201 cc	118.00 X 125.00	6 cyl			
CR6725CP <i>Under Development</i> DAI:R6321K GLA:B6656LC NDC:CB-1820GP OEM:ME032016 VAN:VPR92753	C6725U C6725L	6 Pairs		0.0000/ 2.5567 0.000/ 64.940	2.7165/ 0.0000 68.999/ 0.000	1.3437 34.13	0.0787 1.999
MB7091CP <i>Under Development</i> DAI:M6325K NDC:MS-1838GP OEM:ME995344~48 OEM:ME995344~8	M7091U* M7091L*	7 Pairs	1-7	0.0000/ 3.3053 0.000/ 83.955	3.5047/ 3.3473 89.019/ 85.021	1.1075 28.13	0.0984 2.499
TW 304AM <i>Under Development</i> DAI:T6325L NDC:TW-1838J OEM:ME130226	W 304D W 304E W 304D	1 Pair 1 Half		0.0000/ 3.7106 0.000/ 94.249 0.0000/ 3.7106 0.000/ 94.249	4.5866/ 0.0000 116.500/ 0.000 4.5866/ 0.0000 116.500/ 0.000	0.0000 0.00 0.0000 0.00	0.0964 2.449 0.0964 2.449
33	6DB1, 6DB1-T	1965-85	8550 cc	110.00 X 150.00	6 cyl		33
CR 636CP <i>Under Development</i> DAI:R6302K GLA:B6647LC NDC:CB-1037GP OEM:30019-12102	C 636*	6 Pairs		0.0000/ 2.9496 0.000/ 74.920	3.1890/ 0.0000 81.001/ 0.000	1.6220 41.20	0.1181 3.000
MB 719CP <i>Under Development</i> DAI:M 602K1 GLA:M7474LC NDC:MS-1036GP OEM:30009-22002	M 719/1* M 719/2* M 719/7*	2 Pairs 4 Pairs 1 Pair	1,4 2,3,5,6 7	0.0000/ 3.5276 0.000/ 89.601 0.0000/ 3.5276 0.000/ 89.601 0.0000/ 3.5276 0.000/ 89.601	3.7795/ 0.0000 95.999/ 0.000 3.7795/ 0.0000 95.999/ 0.000 3.7795/ 0.0000 95.999/ 0.000	1.9370 49.20 1.2283 31.20 2.2126 56.20	0.1181 3.000 0.1181 3.000 0.1181 3.000
TW 295AM <i>Under Development</i> DAI:T6302K NDC:TW-1036BC OEM:30009-18103	W 295D W 295E	2 Pairs		0.0000/ 3.5875 0.000/ 91.123	4.8474/ 0.0000 123.124/ 0.000	0.0000 0.00	0.1948 4.948
34	6D20, 6D20-T	1/75-1/82	10308 cc	125.00 X 140.00	6 cyl		34
	6D21	9/77-12/83	10308 cc	125.00 X 140.00	6 cyl		
	6D22, 6D22D-T	8/1979-	11149 cc	130.00 X 140.00	6 cyl		
CR 635CP <i>Under Development</i> DAI:R 609K GLA:B6620LC NDC:CB-1803GP OEM:30919-02101 VAN:VPR92555	C 635U C 635L	6 Pairs		0.0000/ 3.3043 0.000/ 83.929	3.5433/ 0.0000 90.000/ 0.000	1.7370 44.12	0.1181 3.000
MB 710CP <i>Under Development</i> DAI:M6308K GLA:M7452LC NDC:MS-1162GP OEM:30909-00010 VAN:VPM92553	M 710U M 710L	7 Pairs	1-7	0.0000/ 3.9339 0.000/ 99.921	4.1732/ 0.0000 105.999/ 0.000	1.2260 31.14	0.1181 3.000
TW 305AM <i>Under Development</i> DAI:T 605K NDC:TW-1072J OEM:31109-07101	W 305D W 305E W 305D	1 Pair 1 Half		0.0000/ 4.2716 0.000/108.499 0.0000/ 4.2716 0.000/108.499	5.1181/ 0.0000 130.000/ 0.000 5.1181/ 0.0000 130.000/ 0.000	0.0000 0.00 0.0000 0.00	0.1161 2.949 0.1161 2.949
TW 306AM <i>Under Development</i> DAI:T 607K NDC:TW-1147J OEM:31209-78101	W 306D W 306E	1 Pair		0.0000/ 4.2716 0.000/108.499	5.4724/ 0.0000 138.999/ 0.000	0.0000 0.00	0.1161 2.949

MITSUBISHI				MITSUBISHI				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
	W 306D	1 Half		0.0000/ 4.2716 0.000/108.499	5.4724/ 0.0000 138.999/ 0.000	0.0000 0.00	0.1161 2.949	
35	8DC9, 8DC9-T	10/79-83	16031 cc	135.00 X 140.00	8 cyl		35	
	8DC10	9/1984-	16752 cc	138.00 X 140.00	8 cyl			
	8DC11	11/1984-	17737 cc	142.00 X 140.00	8 cyl			
CR 885CP <i>Under Development</i> GLA: B8121LC VAN: VPR92680	C 885U C 885L	8 Pairs		0.0000/ 3.5406 0.000/ 89.931	3.7402/ 0.0000 95.001/ 0.000	1.4810 37.62	0.0988 2.510	
MB5252CP <i>Under Development</i> GLA: M5575LC VAN: VPM92687	M5252U M5252L	5 Pairs		0.0000/ 3.9339 0.000/ 99.921	4.1732/ 0.0000 105.999/ 0.000	1.2256 31.13	0.1185 3.010	

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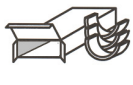




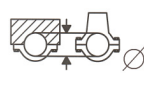


Engine-Code	Years	Cyl	CC	Line
4G61 DOHC 16 Valve	1991-92	4	1595	1
G32B SOHC 8 Valve Turbo	1985-88	4	1597	1
4G37 SOHC 8 Valve	1989-94	4	1755	1
G62B SOHC 8 Valve	1983	4	1794	1
4G63 SOHC 16 Valve	1993	4	1997	4
4G63 SOHC 16 Valve	1993	4	1997	5
4G63 SOHC 8 Valve	1989-92	4	1997	2






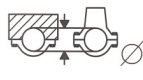


Engine-Code	Years	Cyl	CC	Line
4G63T DOHC 16 Valve Turbo	1989-06	4	1997	3
G63B SOHC 8 Valve	1983-89	4	1997	7
4G64 SOHC 8 Valve	1993-96	4	2351	4
4G64 SOHC 8 Valve	1993-96	4	2351	5
4G64 SOHC 16 Valve	1993-	4	2351	6
G64B SOHC 8 Valve	1985-88	4	2351	7

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Model	Engine	Years	Cyl	CC	Line

MITSUBISHI PERFORMANCE				MITSUBISHI PERFORMANCE				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
1	4G61 DOHC 16 Valve	1991-92	1595 cc	82.30 X 75.00	4 cyl		1	
	4G61 DOHC 16 Va-1989-90							
	G32B SOHC 8 Valve Turbo	1985-88	1597 cc	76.90 X 86.00	4 cyl			
	4G37 SOHC 8 Valve	1989-94	1755 cc	80.60 X 86.00	4 cyl			
	G62B SOHC 8 Valve	1983	1794 cc	80.60 X 88.00	4 cyl			
	G62B SOHC 8 Val-1984-88							

MITSUBISHI PERFORMANCE				MITSUBISHI PERFORMANCE			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
CR4481XP _{STD/.25} <i>Years from 89 thru 3/92</i> ACL: 4B1146H	C4481/PR	4 Pairs		1.7713/ 1.7717 44.991/ 45.001	1.8898/ 1.8905 48.001/ 48.019	0.9250 23.50	0.0588 1.494
2	4G63 SOHC 8 Valve 4G63 DOHC 16 Va-1989-94	1989-92	1997 cc	85.00 X 88.00	4 cyl		2
CR4120XP <i>Years (from 4/92)</i> ACL: 4B1185H	C4120/PR	4 Pairs		1.7709/ 1.7715 44.981/ 44.996	1.8897/ 1.8905 47.998/ 48.019	0.8310 21.11	0.0586 1.488
CR4481XP _{STD/.25} <i>Years from 89 thru 3/92</i> ACL: 4B1146H	C4481/PR	4 Pairs		1.7713/ 1.7717 44.991/ 45.001	1.8898/ 1.8905 48.001/ 48.019	0.9250 23.50	0.0588 1.494
MB5209XP _{STD/.25} <i>Years from 4/92-94</i> ACL: 5M1186H	M5177U/PR M5177L/PR	4 Pairs	1-2-4-5	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	0.8270 21.01	0.0783 1.989
	F5209/PR	1 Pair	3	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	1.0000 25.40	0.0783 1.989
MB5227XP _{STD/.25} <i>Years from 89 thru 3/92</i> ACL: 5M1144H	M5227U/PR M5227L/PR	4 Pairs	1-2-4-5	2.2433/ 2.2441 56.980/ 57.000	2.4016/ 2.4024 61.001/ 61.021	0.9060 23.01	0.0783 1.989
	F5227/PR	1 Pair	3	2.2433/ 2.2441 56.980/ 57.000	2.4016/ 2.4024 61.001/ 61.021	1.1400 28.96	0.0783 1.989
3	4G63T DOHC 16 Valve Turbo	1989-06	1997 cc	85.00 X 88.00	4 cyl		3
CR4120XP <i>Years (from 4/92)</i> ACL: 4B1185H	C4120/PR	4 Pairs		1.7709/ 1.7715 44.981/ 44.996	1.8897/ 1.8905 47.998/ 48.019	0.8310 21.11	0.0586 1.488
CR4481XP _{STD/.25} <i>Years from 89 thru 3/92</i> ACL: 4B1146H	C4481/PR	4 Pairs		1.7713/ 1.7717 44.991/ 45.001	1.8898/ 1.8905 48.001/ 48.019	0.9250 23.50	0.0588 1.494
MB5209XP _{STD/.25} <i>Years from 4/92-97</i> ACL: 5M1186H	M5177U/PR M5177L/PR	4 Pairs	1-2-4-5	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	0.8270 21.01	0.0783 1.989
	F5209/PR	1 Pair	3	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	1.0000 25.40	0.0783 1.989
MB5227XP _{STD/.25} <i>Years from 89 thru 3/92</i> ACL: 5M1144H	M5227U/PR M5227L/PR	4 Pairs	1-2-4-5	2.2433/ 2.2441 56.980/ 57.000	2.4016/ 2.4024 61.001/ 61.021	0.9060 23.01	0.0783 1.989
	F5227/PR	1 Pair	3	2.2433/ 2.2441 56.980/ 57.000	2.4016/ 2.4024 61.001/ 61.021	1.1400 28.96	0.0783 1.989
MB5315XP _{STD/.25} <i>Years (from 97-2006), uses thrust washer</i> ACL: 5M1219H	M5315U/PR M5315L/PR	5 Pairs	1-5	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	0.8270 21.01	0.0783 1.989
TW 173AM _{STD/.25} ACL: 1T1219 FMO: 4709F NDC: TW-1834A	W 173	1 Pair		2.4842/ 2.4941 63.099/ 63.350	3.1693/ 3.1791 80.500/ 80.749	0.0000 0.00	0.0830 2.108
4	4G63 SOHC 16 Valve 4G64 SOHC 8 Valve 4G64 DOHC 16 Va-1994	1993 1993-96	1997 cc 2351 cc	85.00 X 88.00 86.50 X 100.00	4 cyl 4 cyl		4
CR4120XP <i>Years (from 4/92)</i> ACL: 4B1185H	C4120/PR	4 Pairs		1.7709/ 1.7715 44.981/ 44.996	1.8897/ 1.8905 47.998/ 48.019	0.8310 21.11	0.0586 1.488
MB5209XP _{STD/.25} <i>Years from 4/92</i> ACL: 5M1186H	M5177U/PR M5177L/PR	4 Pairs	1-2-4-5	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	0.8270 21.01	0.0783 1.989
	F5209/PR	1 Pair	3	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	1.0000 25.40	0.0783 1.989
5	4G63 SOHC 16 Valve 4G64 SOHC 8 Valve 4G64 DOHC 16 Va-1994	1993 1993-96	1997 cc 2351 cc	85.00 X 88.00 86.50 X 100.00	4 cyl 4 cyl		5
CR4120XP <i>Years (from 4/92)</i>	C4120/PR	4 Pairs		1.7709/ 1.7715 44.981/ 44.996	1.8897/ 1.8905 47.998/ 48.019	0.8310 21.11	0.0586 1.488

MITSUBISHI PERFORMANCE					MITSUBISHI PERFORMANCE			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness	
ACL:4B1185H MB5209XP _{STD/.25} Years from 4/92 ACL:5M1186H	M5177U/PR M5177L/PR	4 Pairs	1-2-4-5	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	0.8270 21.01	0.0783 1.989	
	F5209/PR	1 Pair	3	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	1.0000 25.40	0.0783 1.989	
6	4G64 SOHC 16 Valve	1993-2005	2351 cc	86.50 X 100.00	4 cyl		6	
CR4120XP Years (from 4/92) ACL:4B1185H	C4120/PR	4 Pairs		1.7709/ 1.7715 44.981/ 44.996	1.8897/ 1.8905 47.998/ 48.019	0.8310 21.11	0.0586 1.488	
MB5209XP _{STD/.25} Years from 4/92-97 ACL:5M1186H	M5177U/PR M5177L/PR	4 Pairs	1-2-4-5	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	0.8270 21.01	0.0783 1.989	
	F5209/PR	1 Pair	3	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	1.0000 25.40	0.0783 1.989	
MB5315XP _{STD/.25} Years (from 97-2005), uses thrust washer ACL:5M1219H	M5315U/PR M5315L/PR	5 Pairs	1-5	2.2435/ 2.2441 56.985/ 57.000	2.4016/ 2.4024 61.001/ 61.021	0.8270 21.01	0.0783 1.989	
TW 173AM _{STD/.25} ACL:1T1219 FMO:4709F NDC:TW-1834A	W 173	1 Pair		2.4842/ 2.4941 63.099/ 63.350	3.1693/ 3.1791 80.500/ 80.749	0.0000 0.00	0.0830 2.108	
7	G63B SOHC 8 Valve	1983-89	1997 cc	85.00 X 88.00	4 cyl		7	
	G64B SOHC 8 Valve	1985-88	2351 cc	86.50 X 100.00	4 cyl			
CR4481XP _{STD/.25} years from 89 thru 3/92 ACL:4B1146H	C4481/PR	4 Pairs		1.7713/ 1.7717 44.991/ 45.001	1.8898/ 1.8905 48.001/ 48.019	0.9250 23.50	0.0588 1.494	
MB5227XP _{STD/.25} ACL:5M1144H	M5227U/PR M5227L/PR	4 Pairs	1-2-4-5	2.2433/ 2.2441 56.980/ 57.000	2.4016/ 2.4024 61.001/ 61.021	0.9060 23.01	0.0783 1.989	
	F5227/PR	1 Pair	3	2.2433/ 2.2441 56.980/ 57.000	2.4016/ 2.4024 61.001/ 61.021	1.1400 28.96	0.0783 1.989	

Engine Index: MWM

Engine-Code	Years	Cyl	CC	Line
D225/226/229		1	0	1
D-226-2		2	2077	3
TCA air-cooled		0	2799	2
D226-3,TD226B-3		3	3116	3
D/TD226-4		4	4154	3

Engine-Code	Years	Cyl	CC	Line
TD 228-4		4	4154	3
D226/227/228-6		6	6231	3
TD226/227/228-6		6	6231	3

Car Model Index: MWM

Model	Engine	Years	Cyl	CC	Line
LT35	TCA air-cooled		0	2799	2

Model	Engine	Years	Cyl	CC	Line

MWM

MWM

King Set No.		Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	D225/226/229 Agricultural/Industrial			102.00 X 120.00	1 cyl			1
	CR 197AM STD/.25/.5/.75/1.0/1.25/1.5 K.S.:87 852 600	C 197A C 197B	1 Pair		2.2815/ 2.2823 57.950/ 57.970	2.4409/ 2.4417 61.999/ 62.019	1.0669 27.10	0.0784 1.991
	MB 160AM STD/.25/.5/.75/1.0 Upper half with one 6.5 mm oil hole - 5 degrees from the center line. K.S.:78 127 600	F 160U F 160L	1 Pair		2.5571/ 2.5579 64.950/ 64.971	2.7953/ 2.7960 71.001/ 71.018	1.4126 35.88	0.1176 2.987
	MB1009AM STD/.25/.5/.75 Upper half with one 6.5 mm oil hole - 5 degrees from the center line. K.S.:78 126 600	M1009 M 161L	1 Pair		2.5571/ 2.5579 64.950/ 64.971	2.7953/ 2.7960 71.001/ 71.018	1.1063 28.10	0.1176 2.987
2	TCA air-cooled		2799 cc		0 cyl	LT35		2
	CR1610CP STD/.25/.5/.75 1 PAIR VERSION OF CR4355CP	C4355	1 Pair		2.1646/ 2.1654 54.981/ 55.001	2.3228/ 2.3236 58.999/ 59.019	1.0960 27.84	0.0780 1.981
	CR4355CP STD/.25/.5/.75/1.0	C4355	4 Pairs		2.1646/ 2.1654 54.981/ 55.001	2.3228/ 2.3236 58.999/ 59.019	1.0960 27.84	0.0780 1.981
	MB1246CP STD/.25/.5/.75/1.0 1 PAIR VERSION OF MB5633CP	M5633U M5633L	1 Pair		2.7552/ 2.7559 69.982/ 70.000	2.9528/ 2.9535 75.001/ 75.019	0.8820 22.40	0.0980 2.489
	MB5633CP STD/.25/.5/.75/1.0	M5633U M5633L	5 Pairs		2.7552/ 2.7559 69.982/ 70.000	2.9528/ 2.9535 75.001/ 75.019	0.8820 22.40	0.0980 2.489
3	D-226-2		2077 cc	105.00 X 120.00	2 cyl			3
	D226-3,TD226B-3		3116 cc	105.00 X 120.00	3 cyl			
	D/TD226-4		4154 cc	105.00 X 120.00	4 cyl			
	TD 228-4		4154 cc	105.00 X 120.00	4 cyl			
	D226/227/228-6		6231 cc	105.00 X 120.00	6 cyl			
	TD226/227/228-6		6231 cc	105.00 X 120.00	6 cyl			
	CR1238CP STD/.25/.5/.75/1.0 GLY:71-3447/1 K.S.:78 588 600	C1238A C1238B	1 Pair		2.4783/ 2.4791 62.949/ 62.969	2.6378/ 2.6385 67.000/ 67.018	1.0669 27.10	0.0787 1.999
	MB1137CP STD/.25/.5/.75/1.0 GLY:H 957/1 K.S.:78 589 600	M1137U M1137L	1 Pair		2.7540/ 2.7547 69.952/ 69.969	2.9528/ 2.9535 75.001/ 75.019	1.1024 28.00	0.0980 2.489
	TW2017AM STD GLY:A116/4 K.S.:78 590 800 OEM:F385200210190	W 184D W 184E	2 Pairs		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.0000 0.000

Engine Index: MWM-DITER

Engine-Code	Years	Cyl	CC	Line
LKS Diesel		1	567	1

Engine-Code	Years	Cyl	CC	Line

Car Model Index: MWM-DITER

Model	Engine	Years	Cyl	CC	Line

MWM-DITER				MWM-DITER				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
1	LKS Diesel			567 cc	85.00 X 100.00	1 cyl	1	
CR1026CP GLY: 8060CP STD/.25/.5	C1026U C1026L	1 Pair		1.5732/ 1.5738 39.959/ 39.975	1.7323/ 1.7329 44.000/ 44.016	1.0670 27.10	0.0790 2.007	
MB1040CP GLY: 8080M STD/.25/.5	M1040	1 Half		2.1634/ 2.1642 54.950/ 54.971	2.4409/ 2.4417 61.999/ 62.019	1.0240 26.01	0.1382 3.510	
TW 298CP GLY: 8031BF STD/.25/.5	W 298/1	1 Half		2.3602/ 2.3641 59.949/ 60.048	2.9866/ 2.9886 75.860/ 75.910	0.0000 0.00	0.1165 2.959	
	W 298/2	1 Half		0.2008/ 2.2047 5.100/ 55.999	2.7500/ 2.7539 69.850/ 69.949	0.0000 0.00	0.1165 2.959	

Engine Index: Miscellaneous

Engine-Code	Years	Cyl	CC	Line
Kemp custom HP engine		0	0	1

Engine-Code	Years	Cyl	CC	Line

Car Model Index: Miscellaneous

Model	Engine	Years	Cyl	CC	Line

Miscellaneous				Miscellaneous				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
1	Kemp custom HP engine					0 cyl	1	
IC1618XP <i>One shell of the Connecting Rod bearing.</i>	C4539	1 Half		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.0000 0.000	
IM1248XP <i>One shell of the Main bearing</i> VAN: 5690	M5669/1	1 Half		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.0000 0.000	
IM1249XP <i>One shell of the Main bearing.</i>	M5669/2	1 Half		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.0000 0.000	
IM1249XP	M5669/2	1 Half		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.0000 0.000	
IM1250XP <i>One shell of the Main bearing.</i>	M5669/3	1 Half		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.0000 0.000	
TW 186CP <i>Under Development existing item! only new CP material</i>	W0186	1 Pair		2.7850/ 2.7950 70.739/ 70.993	3.3700/ 3.3800 85.598/ 85.852	0.0000 0.00	0.0920 2.337	

Engine Index: NEW HOLLAND

Engine-Code	Years	Cyl	CC	Line
Genesis	11/91	4	4400	1
Genesis Turbocharged	11/91 -	4	5000	1
Genesis	11/91-	4	5000	1

Engine-Code	Years	Cyl	CC	Line
Genesis	11/91 -	6	6600	2
Genesis	11/91 -	6	7500	2

Car Model Index: NEW HOLLAND

Model	Engine	Years	Cyl	CC	Line
5640	Genesis		4	4400	1
6640	Genesis		4	5000	1
7740	Genesis		4	5000	1

Model	Engine	Years	Cyl	CC	Line
7840	Genesis		6	6600	2
8240, 8340	Genesis		6	7500	2

NEW HOLLAND		NEW HOLLAND						
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
1	Genesis	11/91	4400 cc	111.77 X 111.80	4 cyl	5640	1	
	Genesis	11/91-	5000 cc	111.77 X 127.00	4 cyl	6640		
	Genesis Turbocharged	11/91 -	5000 cc	111.70 X 127.00	4 cyl	7740		
CR4131AM STD/010/020/030/040 <i>Plain halves.</i> <i>Locating lug - 3.2 mm from right edge</i> GLA: B4817SA VAN: VPR92858A								
CR4131CP STD/010/020/030 <i>Plain halves.</i> <i>Locating lug - 3.2 mm from right edge</i> GLA: B4817LB VAN: VPR92858D		C4131	4 Pairs		2.7496/ 2.7504 69.840/ 69.860	2.9412/ 2.9420 74.706/ 74.727	1.2525 31.81	0.0945 2.400
MB5069AM STD/010/020/030 GLA: M5610SA VAN: VPM92857A		M7011U M7011L	4 Pairs	1,2,4,5	3.3714/ 3.3722 85.634/ 85.654	3.6242/ 3.6250 92.055/ 92.075	1.1102 28.20	0.1248 3.170
		F5069U F5069L	1 Pair	3	3.3710/ 3.3722 85.623/ 85.654	3.6242/ 3.6250 92.055/ 92.075	1.4512 36.86	0.1248 3.170
2	Genesis	11/91 -	6600 cc	111.77 X 111.80	6 cyl	7840	2	
	Genesis	11/91 -	7500 cc	111.77 X 127.00	6 cyl	8240, 8340		
CR6679CP STD/010/020/030 CLE: CB-1638P (6) FMO: 6-4070CP GLA: B6669		C4131	6 Pairs		2.7496/ 2.7504 69.840/ 69.860	2.9412/ 2.9420 74.706/ 74.727	1.2525 31.81	0.0945 2.400
MB7038AM STD/010/020/030 CLE: MS-2030P GLA: M7492SA VAN: VPM92859A		M7011U M7011L	6 Pairs	1-3,5-7	3.3714/ 3.3722 85.634/ 85.654	3.6242/ 3.6250 92.055/ 92.075	1.1102 28.20	0.1248 3.170
		F5069U F5069L	1 Pair	4	3.3710/ 3.3722 85.623/ 85.654	3.6242/ 3.6250 92.055/ 92.075	1.4550 36.96	0.1248 3.170
PB 167CP OEM: 87840994								

Engine Index: NISSAN






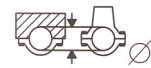


Engine-Code	Years	Cyl	CC	Line
KH1S,KH2S,KH3S	-	4	0	1
MA09	08/1988-	4	930	3
A10, A10S L4 60CI /1.0Liter,	01/1966-	4	988	2
E10,E10S L4 60CI /1.0Liter,	03/1981-	4	988	7
MA10S L4 60CI /1.0Liter, SOHC,	09/1982-	4	988	3
A12 L4 71CI /1.2Liter, OHV, 8	01/1970-	4	1171	5
A12A L4 75CI /1.2Liter, OHV, 8	01/1978-	4	1237	5
E13,E13S L4 77CI /1.3Liter,	10/1981-	4	1269	7
A13 L4 79CI /1.3Liter, OHV, 8	01/1976-	4	1288	5
A13S L4 79CI /1.3Liter, OHV, 8	01/1976-	4	1288	5
GA13DE L4 79CI /1.3Liter,	01/1990-	4	1295	8
L13	01/1967-	4	1296	12
J13 L4 79CI /1.3Liter, OHV, 8	10/1969-	4	1299	6
J L4 79CI /1.3Liter, OHV, 8	07/1965-	4	1299	4
GA14DE,GA14DS L4 85CI	09/1988-	4	1392	8
A14 L4 85CI /1.4Liter, OHV, 8	01/1974-	4	1397	5
L14	01/1970-	4	1428	12
J15 L4 91CI /1.5Liter, OHV, 8	03/1970-	4	1438	6
A15 L4 91CI /1.5Liter, OHV, 8	01/1980-	4	1488	5
E15,E15S L4 91CI /1.5Liter,	03/1981-	4	1488	7
E15T L4 91CI /1.5Liter, SOHC, 8	01/1983-	4	1488	7
GA15DE L4 91CI /1.5Liter,	01/1990-	4	1498	8
J16 L4 96CI /1.6Liter, OHV, 8	08/1972-	4	1567	6
L16 L4 97CI /1.6Liter, SOHC, 8	01/1967-	4	1595	12
Z16 L4 97CI /1.6Liter, SOHC, 8	01/1978-	4	1595	12
E16 L4 97CI /1.6Liter, SOHC, 8	01/1983-	4	1597	7
E16I,E16S L4 97CI /1.6Liter,	01/1986-	4	1597	7
GA16DE L4 97CI /1.6Liter,	01/1991-	4	1597	8
GA16I,G16S L4 97CI /1.6Liter,	01/1989-	4	1597	8
CA16DE L4 98CI /1.6Liter,	10/1979-	4	1598	15
CD17 L4 103CI /1.7Liter, SOHC,	10/1982-	4	1680	9
J18 L4 108CI /1.8Liter, OHV, 8	01/1980-	4	1751	10
QG18DE L4 108CI /1.8Liter,	01/2000-	4	1769	11
L18 L4 108CI /1.8Liter, SOHC, 8	01/1970-	4	1770	12
Z18	01/1978-	4	1770	12
CA18DE L4 110CI /1.8Liter,	06/1981-	4	1809	15
CA18ET L4 110CI /1.8Liter,	01/1984-	4	1809	15
SR18		4	1838	19
L20B L4 119CI /2.0Liter, SOHC,	01/1974-	4	1952	23
Z20,Z20E,Z20S L4 119CI	11/1975-	4	1952	23
LD20 L4 119CI /2.0Liter, SOHC,	04/1978-	4	1952	13
CA20S L4 120CI /2.0Liter,	06/1981-	4	1973	15
CD20 L4 120CI /2.0Liter, SOHC,	05/1990-	4	1974	14
CD20-T L4 120CI /2.0Liter,	06/1991-	4	1974	14
CA20E L4 120CI /2.0Liter,	01/1984-	4	1974	15
H20 L4 121CI /2.0Liter, OHV, 8	07/1967-	4	1982	16
U20 L4 121CI /2.0Liter, OHV, 8	01/1968-	4	1982	16
SD20	01/1963-	4	1991	20
SD20	09/1980-	4	1991	27
VQ20DE V6 122CI /2.0Liter,	01/1994-	6	1995	38
L20A L6 122CI /2.0Liter, SOHC,	06/1981-	6	1998	17
L20 L6 122CI /2.0Liter, SOHC, 12	01/1966-	6	1998	34
RB24 L6 122CI /2.0Liter, SOHC,	10/1984-	6	1998	25
VG20DET V6 122CI /2.0Liter,	06/1987-	6	1998	18
VG20E V6 122CI /2.0Liter,	06/1983-	6	1998	18






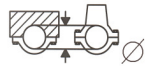


Engine-Code	Years	Cyl	CC	Line
SR20DE L4 122CI /2.0Liter,	01/1991-	4	1998	19
YD22		4	2148	26
SD22 L4 132CI /2.2Liter, OHV, 8	01/1963-	4	2164	20
SD22 L4 132CI /2.2Liter, OHV, 8	09/1980-	4	2164	27
Z22,Z22E L4 133CI /2.2Liter,	08/1982-	4	2187	23
TD23 L4 140CI /2.3Liter, OHV, 8	05/1986-	4	2289	21
SD22 L4 140CI /2.3Liter, OHV, 8	09/1980-	4	2289	27
LD23 12 Valves,	-	4	2300	22
Z24,Z24I L4 146CI /2.4Liter,	08/1983-	4	2389	23
KA24DE L4 146CI /2.4Liter,	01/1991-	4	2389	24
KA24E L4 146CI /2.4Liter,	01/1989-	4	2389	24
L24 L6 146CI /2.4Liter, SOHC, 12	10/1971-	6	2393	34
RB24	05/1989-	6	2429	25
YD25		4	2488	26
SD25 L4 152CI /2.5Liter, OHV, 8	11/1981-	4	2488	27
SD25T L4 152CI /2.5Liter, OHV,	11/1981-	4	2488	28
TD25 L4 152CI /2.5Liter, OHV, 8	08/1986-	4	2494	32
VQ25DD,VQ25DE V6 152CI	01/1994-	6	2496	38
RB25	08/1991-	6	2498	29
RB25DE L6 152CI /2.5Liter,	01/1993-	6	2498	29
RB25DET L6 152CI /2.5Liter,	01/1994-	6	2498	29
RB25DETT L6 152CI /2.5Liter,	01/1998-	6	2498	29
QR25DE L4 153CI /2.5Liter,	01/2002-	4	2500	30
L26 L6 157CI /2.6Liter, SOHC, 12	01/1971-	6	2565	34
RB26DETT L6 157CI /2.6Liter,	08/1989-	6	2568	31
TD27 L4 163CI /2.7Liter, OHV, 8	06/1986-	4	2663	32
TD27T L4 163CI /2.7Liter, OHV,	06/1986-	4	2663	33
L28 L6 168CI /2.8Liter, SOHC, 12	01/1975-	6	2753	34
LD28 L6 170CI /2.8Liter, SOHC,	10/1979-	6	2792	34
RD28 L6 172CI /2.8Liter, SOHC,	06/1983-	6	2826	35
RD28-T L6 172CI /2.8Liter,	06/1983-	6	2826	36
VG30DE V6 181CI /3.0Liter,	04/1987-	6	2960	41
VG30DETT V6 181CI /3.0Liter,	01/1990-	6	2960	41
VG30E V6 181CI /3.0Liter,	06/1983-	6	2960	41
VG30ET V6 181CI /3.0Liter,	01/1984-	6	2960	41
VG30T V6 181CI /3.0Liter,	01/1984-	6	2960	41
VG30i V6 181CI /3.0Liter, SOHC,	01/1986-	6	2960	41
RB30 L6 181CI /3.0Liter, SOHC,	08/1985-	6	2962	37
VQ30DD V6 182CI /3.0Liter,	01/1995-	6	2987	38
VQ30DE V6 182CI /3.0Liter,	01/1995-	6	2987	38
VQ30DET V6 182CI /3.0Liter,	01/1995-	6	2987	38
SD33 L6 198CI /3.3Liter, OHV,	01/1966-	6	3246	39
SD33T L6 198CI /3.3Liter, OHV,	01/1966-	6	3246	40
VG33E V6 200CI /3.3Liter,	01/1996-	6	3275	41
VQ35DE V6 213CI /3.5Liter,	01/2001-	6	3498	42
P/PF 86CI	01/1960-	6	3956	43
TD42 L6 254CI /4.2Liter, SOHC,	10/1987-	6	4169	44
FD42		4	4214	45
FD46	-	4	4617	45
FE6,FE6-T	-	6	6925	46

Car Model Index: NISSAN






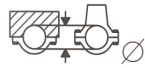


Model	Engine	Years	Cyl	CC	Line
140J,210,310,B210,	A14 L4 85CI	1974-79	4	1397	5
2000	U20 L4 121CI		4	1982	16
200SX	GA16DE L4 97CI	1995-98	4	1597	8
200SX	SR20DE L4 122CI		4	1998	19
200SX	CA18ET L4 110CI		4	1809	15
200SX	CA20E L4 120CI		4	1974	15
200SX, 510, 610, 620,	L20B L4 119CI		4	1952	23
200SX, 510, 720	Z20,Z20E,Z20S L4		4	1952	23
200SX, 720	Z22,Z22E L4 133CI		4	2187	23
200SX, Bluebird, Prerie	CA20S L4 120CI	1984-88	4	1973	15
200SX, D21, Maxima,	VG30i V6 181CI		6	2960	41
210, 310, Sunny	A15 L4 91CI	1981-82	4	1488	5
240SX	KA24DE L4 146CI	1991-98	4	2389	24
240SX, Axxess, D21,	KA24E L4 146CI		4	2389	24
260Z	L26 L6 157CI	1974	6	2565	34
280ZX	L28 L6 168CI		6	2753	34
300C, 300SX	VG30i V6 181CI		6	2960	41
300ZX	VG30T V6 181CI		6	2960	41
300ZX	VG30DETT V6		6	2960	41
300ZX, D21	VG30ET V6 181CI		6	2960	41
310	E15,E15S L4 91CI		4	1488	7
720 Diesel	SD22 L4 132CI	1981-83	4	2164	20
720, D21	Z24,Z24I L4 146CI		4	2389	23
ALTIMA	QR25DE L4 153CI	2002-	4	2500	30
Almera	YD22		4	2148	26
Altima	KA24DE L4 146CI		4	2389	24
Auster,Auster	A14 L4 85CI	1978-79	4	1397	5
B210 1300	A13 L4 79CI	1973-81	4	1288	5
Bluebird, Laure	Z18		4	1770	12
Bluebird, Laurel	Z16 L4 97CI		4	1595	12
Bluebird, Truck	J13 L4 79CI		4	1299	6
Bluebird, Truck	J15 L4 91CI		4	1438	6
Bluebird, Truck	J16 L4 96CI		4	1567	6
Bluebird, Violet, Stanza	L13		4	1296	12
Bluebird, Violet, Stanza	L14		4	1428	12
Bluebird, Violet, Stanza	L16 L4 97CI		4	1595	12
Bluebird, Violet, Stanza	L18 L4 108CI		4	1770	12
Bluebird,Silvia,Primera,	SR18		4	1838	19
Bluebird,Silvia,Primera,	SR20DE L4 122CI		4	1998	19
California 210	A14 L4 85CI	1982-84	4	1397	5
Cedric	L20 L6 122CI		6	1998	34
Cedric, Gloria	VG20E V6 122CI		6	1998	18
Cedric, Gloria	VG20DET V6		6	1998	18
Cedric, Laurel	L20A L6 122CI		6	1998	17
Cefiro	VQ20DE V6 122CI		6	1995	38
Cefiro	VQ25DD,VQ25DE		6	2496	38
Cefiro	VQ30DD V6 182CI		6	2987	38
Cefiro	VQ30DE V6 182CI		6	2987	38
Cefiro, Crew	RB24 L6 122CI		6	1998	25
Cefiro, Crew	RB24		6	2429	25
Cherry 1000	A10, A10S L4 60CI	1970-	4	988	2
Cherry 1200	A12 L4 71CI	1970-81	4	1171	5
Cherry 210	A12A L4 75CI	1978-81	4	1237	5
FRONTIER	QR25DE L4 153CI	2005-	4	2500	30
Fairlady	VG30T V6 181CI		6	2960	41
Fairlady Z, Cedric	VG30E V6 181CI		6	2960	41
Fairlady Z, Cedric	VG30DE V6 181CI		6	2960	41
Forklift	H20 L4 121CI		4	1982	16
Frontier	KA24DE L4 146CI	1998-00	4	2389	24
Frontier, Pathfinder,	VG33E V6 200CI		6	3275	41
GT-R	RB26DETT L6		6	2568	31
Hardbody	KA24DE L4 146CI	1986-95	4	2389	24
Junior, Caravan, Homy	H20 L4 121CI		4	1982	16
Largo	KA24DE L4 146CI		4	2389	24
Laurel, Safari	RD28 L6 172CI		6	2826	35

Model	Engine	Years	Cyl	CC	Line
Laurel, Skyline, Stagea	RB25		6	2498	29
March	MA09		4	930	3
March	MA10S L4 60CI		4	988	3
Maxima	VQ30DE V6 182CI		6	2987	38
Maxima Diesel	LD28 L6 170CI	1981-84	6	2792	34
Maxima, 240Z, 810	L24 L6 146CI		6	2393	34
Multi, Stanza	CA20E L4 120CI		4	1974	15
NX	SR20DE L4 122CI		4	1998	19
NX 1600	GA16DE L4 97CI	1991-93	4	1597	8
Patrol	P/PF 86CI		6	3956	43
Presage	KA24DE L4 146CI		4	2389	24
Pulsar	E15,E15S L4 91CI	1983-85	4	1488	7
Pulsar	E15T L4 91CI		4	1488	7
Pulsar	E16 L4 97CI	1983-90	4	1597	7
Pulsar	CA18DE L4 110CI	1988-90	4	1809	15
Pulsar 1200	A12A L4 75CI	1978-81	4	1237	5
Pulsar SE	CA16DE L4 98CI	1987	4	1598	15
Pulsar Turbo	E10,E10S L4 60CI	1983-85	4	988	7
Pulsar, Sentra	E16I,E16S L4 97CI		4	1597	7
Pulsar, Sentra	GA16I,G16S L4		4	1597	8
Quest	VG30i V6 181CI		6	2960	41
R32	RB26DETT L6		6	2568	31
R33	RB26DETT L6		6	2568	31
R34	RB26DETT L6		6	2568	31
SENTRA	QR25DE L4 153CI	2002-	4	2500	30
SERENA	LD23 12 Valves,		4	2300	22
Sentra	CD17 L4 103CI		4	1680	9
Sentra	E15,E15S L4 91CI	1982-85	4	1488	7
Sentra	E16 L4 97CI	1983-88	4	1597	7
Sentra	GA16DE L4 97CI	1991-98	4	1597	8
Sentra	SR20DE L4 122CI		4	1998	19
Sentra	QG18DE L4 108CI		4	1769	11
Silvia, Laurel, Bluebird	Z20,Z20E,Z20S L4		4	1952	23
Silvia, Laurel, Bluebird	Z22,Z22E L4 133CI		4	2187	23
Skyline	RB30 L6 181CI		6	2962	37
Skyline	RB25DE L6 152CI		6	2498	29
Skyline	RB25DET L6		6	2498	29
Skyline	RB25DETT L6		6	2498	29
Skyline	RB26DETT L6		6	2568	31
Stanza	CA20S L4 120CI	1982-89	4	1973	15
Stanza Wagon	CA20S L4 120CI	1985-89	4	1973	15
Stanza, Skyline	Z16 L4 97CI		4	1595	12
Stanza, Skyline	Z18		4	1770	12
Sunny 1000	A10, A10S L4 60CI	1966-70	4	988	2
Sunny 1200	A12 L4 71CI	1963-83	4	1171	5
Sunny 1200	A12A L4 75CI	1978-81	4	1237	5
Sunny 1300	A13S L4 79CI	1980-81	4	1288	5
Sunny, Pulsar	E13,E13S L4 77CI		4	1269	7
Sunny, Pulsar, Langrey	CD17 L4 103CI		4	1680	9
Sunny, Pulsar, Persea	GA13DE L4 79CI		4	1295	8
Sunny, Pulsar, Persea	GA14DE,GA14DS		4	1392	8
Sunny, Pulsar, Persea	GA15DE L4 91CI		4	1498	8
Truck	L20B L4 119CI		4	1952	23
Van, Hardbody,	Z24,Z24I L4 146CI		4	2389	23
X-TRAIL	QR25DE L4 153CI	2005-	4	2500	30
X-Trail	YD22		4	2148	26
Xterra	VG33E V6 200CI		6	3275	41
Xterra	KA24DE L4 146CI		4	2389	24






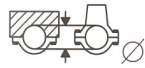


NISSAN				NISSAN				
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
1	KH1S,KH2S,KH3S	-		4 cyl			1	
CR4277AM <i>Under Development</i> NDC:CB-1221 OEM:12111-85G00	C4277*	4 Pairs		1.9770/ 1.9685 50.216/ 50.000	2.0866/ 2.0871 53.000/ 53.012	0.8661 22.00	0.0591 1.501	
MB5306AM <i>Under Development</i> NDC:MS-1220 OEM:12207-50K00	M5306*	4 Pairs	1-2-4-5	0.0000/ 2.4785 0.000/ 62.954	2.4673/ 2.4673 62.669/ 62.669	0.7480 19.00	0.0722 1.834	
	F5306*	1 Pair	3	0.0000/ 2.4785 0.000/ 62.954	2.4673/ 2.4673 62.669/ 62.669	1.3386 34.00	0.0722 1.834	
2	A10, A10S L4 60CI /1.0Liter, OHV, 8 Valves, Gasoline	01/1966- 12/1981	988 cc	73.00 X 59.00	4 cyl	Cherry 1000, Sunny 1000	2	
CR4442AM STD/.25/.5/.75/1.0/1.5 ACL:4B2956 CLE:CB- 980AL(4) DAI:R2055K FMO:4-67320CP GLA:B4493SA GLY:01-4333/4 NDC:CB-1045GP OEM:12111-18000 VAN:VPR91373	C4442	4 Pairs		1.7699/ 1.7704 44.955/ 44.968	1.8898/ 1.8902 48.001/ 48.011	0.7720 19.61	0.0592 1.504	
CS 502BB GLA:C5053S GLY:N158/5 OEM:13002-H1020 VAN:VPC94038								
MB3310AM ACL:3M2967 CLE:MS-1116AL FMO:6750M GLA:M3375SA NDC:MS-1044GP OEM:12207-M7701	M 553/1	2 Pairs	1-3	1.9666/ 1.9671 49.952/ 49.964	2.1120/ 2.1130 53.645/ 53.670	0.8660 22.00	0.0722 1.834	
	F 553	1 Pair	2	1.9666/ 1.9671 49.952/ 49.964	2.1120/ 2.1130 53.645/ 53.670	1.0610 26.95	0.0722 1.834	
3	MA09	08/1988- 01/1992	930 cc	66.00 X 68.00	4 cyl	March	3	
	MA10S L4 60CI /1.0Liter, SOHC, 8 Valves, Gasoline	09/1982- 91/1991	988 cc	68.00 X 68.00	4 cyl	March		
CR4005AM STD/.25/.5/.75/1.0 DAI:R2070A GLA:B4677SA GLY:01-4351/4 NDC:CB-1202 OEM:1221601B10 OEM:12111-01B00	C4005	4 Pairs		0.0000/ 1.5730 0.000/ 39.954	0.0000/ 1.6934 0.000/ 43.012	0.5910 15.01	0.0595 1.511	
MB5545AM STD/.25/.5/.75 DAI:M2070A GLA:M5465SA K.S:MS-1202A NDC:MS-1202 OEM:12215-01B10~16	M5545U M5545L	5 Pairs		0.0000/ 1.7705 0.000/ 44.971	0.0000/ 1.9298 0.000/ 49.017	0.6690 16.99	0.0790 2.007	
TW 159AM <i>Under Development</i> DAI:T2070A NDC:TW-1202A OEM:12280-01B00	W 159	1 Pair		0.0000/ 2.0180 0.000/ 51.257	2.3620/ 0.0000 59.995/ 0.000	0.0000 0.00	0.0776 1.971	
4	J L4 79CI /1.3Liter, OHV, 8 Valves, Gasoline	07/1965- 12/1969	1299 cc	73.00 X 77.60	4 cyl		4	
CR4424AM STD/.25/.5/1.0/1.25/1.5 ACL:4B2636 CLE:CB- 967AL(4) DAI:R2036K FMO:4-4245CP GLA:B4427SA GLY:01-4395/4 NDC:CB-1007GP OEM:12111-09405 VAN:VPR91357	C4424	4 Pairs		1.8759/ 1.8764 47.648/ 47.661	2.0210/ 2.0215 51.333/ 51.346	0.8700 22.10	0.0718 1.824	
CS 309BB ACL:3C4018 CLE:SH- 764S DUR:DA-2 FMO:1734M GLA:C3081S NDC:SH-1006 VAN:VPC94036								
MB 347AM STD/010/020/030/040/060 ACL:3M2215 CLE:MS-1055AL FMO:6704M GLA:M3297SA GLY:H1140/3 NDC:MS-1034 OEM:1223113200 VAN:VPM817	M 347	3 Pairs		2.0005/ 2.0010 50.813/ 50.825	2.1460/ 2.1465 54.508/ 54.521	1.2250 31.12	0.0720 1.829	
TW 204AM ACL:2T4302 CLE:TW- 105S DAI:T2036W FMO:2056BF	W 204D W 204E	2 Pairs		2.2150/ 2.2250 56.261/ 56.515	2.7400/ 2.7500 69.596/ 69.850	0.0000 0.00	0.0920 2.337	

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King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
GLA:W2010SA NDC:TW-1000B OEM:12280/12281-B3000VAN:VPW190	GLY:A231/4 OEM:12280-1/30800						
5	A12 L4 71CI /1.2Liter, OHV, 8 Valves, Gasoline	01/1970-12/1982	1171 cc	73.00 X 70.00	4 cyl	Cherry 1200, Sunny 1200	5
	A12A L4 75CI /1.2Liter, OHV, 8 Valves, vin C, Gasoline	01/1978-12/1981	1237 cc	75.00 X 70.00	4 cyl	Cherry 210, Pulsar 1200, Sunny 1200	
	A13 L4 79CI /1.3Liter, OHV, 8 Valves, Gasoline	01/1976-12/1981	1288 cc	76.00 X 76.00	4 cyl	B210 1300	
	A13S L4 79CI /1.3Liter, OHV, 8 Valves, Gasoline	01/1976-12/1981	1288 cc	76.00 X 70.00	4 cyl	Sunny 1300	
	A14 L4 85CI /1.4Liter, OHV, 8 Valves, vin H,P, Gasoline	01/1974-12/1984	1397 cc	76.00 X 77.00	4 cyl	140J,210,310,B210,, Auster,Auster Van,Stanza, California 210	
	A15 L4 91CI /1.5Liter, OHV, 8 Valves, vin P, Gasoline	01/1980-12/1991	1488 cc	76.00 X 82.00	4 cyl	210, 310, Sunny	
CR4442AM STD/.25/.5/1.0/1.5 ACL:4B2956 DAI:R2055K GLA:B4493SA NDC:CB-1045GP VAN:VPR91373 CLE:CB- 980AL (4) FMO:4-67320CP GLY:01-4333/4 OEM:12111-18000	C4442	4 Pairs		1.7699/ 1.7704 44.952/ 44.968	1.8898/ 1.8902 48.001/ 48.011	0.7720 19.61	0.0592 1.504
CS 502BB GLA:C5053S OEM:13002-H1020 GLY:N158/5 VAN:VPC94038							
MB 553AM STD/.25/.5/1.0/1.5 Flange length: STD - 26.95 mm (FI STD) 0.25- 27.05 mm (FI oversize 0.1 mm) 0.50, 0.75 - 27.20 mm (FI oversize 0.25 mm) 1.0,1.25,1.5 - 27.45 mm (FI oversize 0.5 mm) ACL:5M2967 - DAI:M2058K GLA:M5316LC NDC:MS-1087 VAN:VPM91376 CLE:MS-1107AL FMO:6779M GLY:H1147/5 OEM:12207-H1000	M 553/1	2 Pairs	1-5	1.9666/ 1.9671 49.952/ 49.964	2.1120/ 2.1130 53.645/ 53.670	0.8660 22.00	0.0722 1.834
	M 553/2	2 Pairs	2-4	1.9666/ 1.9671 49.952/ 49.964	2.1120/ 2.1130 53.645/ 53.670	0.7090 18.01	0.0722 1.834
	F 553	1 Pair	3	1.9666/ 1.9671 49.952/ 49.964	2.1120/ 2.1130 53.645/ 53.670	1.0610 26.95	0.0722 1.834
MB5229AM STD/.25/.5/1.0 same MB 553AM, but with Flange STD length 26.95 mm in all oversizes. ACL:5M2967 FMO:7135M CLE:MS-2077P	M 553/1	2 Pairs	1-5	1.9666/ 1.9671 49.952/ 49.964	2.1120/ 2.1130 53.645/ 53.670	0.8660 22.00	0.0722 1.834
	M 553/2	2 Pairs	2-4	1.9666/ 1.9671 49.952/ 49.964	2.1120/ 2.1130 53.645/ 53.670	0.7090 18.01	0.0722 1.834
	F5229	1 Pair	3	1.9666/ 1.9671 49.952/ 49.964	2.1120/ 2.1130 53.645/ 53.670	1.0610 26.95	0.0722 1.834
6	J13 L4 79CI /1.3Liter, OHV, 8 Valves, Gasoline	10/1969-11/1975	1299 cc	73.00 X 77.60	4 cyl	Bluebird, Truck	6
	J15 L4 91CI /1.5Liter, OHV, 8 Valves, Gasoline	03/1970-08/1979	1438 cc	78.00 X 77.60	4 cyl	Bluebird, Truck	
	J16 L4 96CI /1.6Liter, OHV, 8 Valves, Gasoline	08/1972-08/1985	1567 cc	78.00 X 82.00	4 cyl	Bluebird, Truck	
CR4424AM STD/.25/.5/1.0/1.25/1.5 ACL:4B2636 DAI:R2036K GLA:B4427SA NDC:CB-1007GP VAN:VPR91357 CLE:CB- 967AL (4) FMO:4-4245CP GLY:01-4395/4 OEM:12111-09405	C4424	4 Pairs		1.8759/ 1.8764 47.648/ 47.661	2.0210/ 2.0215 51.333/ 51.346	0.8700 22.10	0.0718 1.824
CS 309BB ACL:3C4018 DUR:DA-2 GLA:C3081S VAN:VPC94036 CLE:SH- 764S FMO:1734M NDC:SH-1006							
MB3305AM STD/.25/.5/1.0/1.25 ACL:3M2637 DAI:M 238K GLA:M3402SA OEM:12231-01W00 CLE:MS-1329AL FMO:6780M NDC:MS-1091GP VAN:VPM91665	M3305	3 Pairs		1.9996/ 2.0004 50.790/ 50.810	2.1457/ 2.1465 54.501/ 54.521	1.1100 28.19	0.0722 1.834

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King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
TW 204AM ACL: 2T4302 CLE: TW- 105S DAI: T2036W FMO: 2056BF GLA: W2010SA GLY: A231/4 NDC: TW-1000B OEM: 12280-1/30800 OEM: 12280/12281-B3000VAN: VPW190	W 204D W 204E	2 Pairs		2.2150/ 2.2250 56.261/ 56.515	2.7400/ 2.7500 69.596/ 69.850	0.0000 0.00	0.0920 2.337	
7	E10,E10S L4 60CI /1.0Liter, SOHC, 8 Valves, Gasoline	03/1981-05/1988	988 cc	73.00 X 59.00	4 cyl	Pulsar Turbo	7	
	E13,E13S L4 77CI /1.3Liter, SOHC, 8 Valves, Gasoline	10/1981-02/1991	1269 cc	76.00 X 70.00	4 cyl	Sunny, Pulsar		
	E15,E15S L4 91CI /1.5Liter, SOHC, 8 Valves, vin H,M, Gasoline	03/1981-02/1991	1488 cc	76.00 X 82.00	4 cyl	310, Pulsar, Sentra		
	E15T L4 91CI /1.5Liter, SOHC, 8 Valves, Gasoline Turbocharge	01/1983-12/1984	1488 cc	76.00 X 82.00	4 cyl	Pulsar		
	E16 L4 97CI /1.6Liter, SOHC, 8 Valves, vin M,P, Gasoline	01/1983-12/1986	1597 cc	76.00 X 88.00	4 cyl	Pulsar, Sentra		
	E16I,E16S L4 97CI /1.6Liter, SOHC, 8 Valves, vin P, Gasoline	01/1986-12/1988	1597 cc	76.00 X 88.00	4 cyl	Pulsar, Sentra		
CR 426AM STD/.25/.5/.75/1.0/1.25/1.5 ACL: 4B1620 CLE: CB-1590P (4) DAI: R2060K FMO: 4-66780CP GLA: B4625LC/B4778LC GLY: 71-4204/4 NDC: CB-1174 OEM: 12111-77A00 OEM: 12111-11M00 VAN: VPR92047	C 426	4 Pairs		1.5730/ 1.5738 39.954/ 39.975	1.6929/ 1.6934 43.000/ 43.012	0.6690 16.99	0.0591 1.501	
MB5230AM STD/.25/.5/.75/1.0 <i>same as MB524AM but with Flange STD in all undersizes</i> ACL: 5M1623 CLE: MS-2072P FMO: 7210M	M5524/1	2 Pairs	1-5	1.9661/ 1.9673 49.939/ 49.969	2.1119/ 2.1129 53.642/ 53.668	0.8710 22.12	0.0720 1.829	
	M5524/2	2 Pairs	2-4	1.9661/ 1.9673 49.939/ 49.969	2.1119/ 2.1129 53.642/ 53.668	0.7130 18.11	0.0720 1.829	
	F5230	1 Pair	3	1.9661/ 1.9673 49.939/ 49.969	2.1119/ 2.1129 53.642/ 53.668	1.0610 26.95	0.0720 1.829	
MB5524AM STD/.25/.5/.75/1.0/1.5 <i>Flange length:</i> <i>STD - 26.95 mm (FI STD)</i> <i>0.25 - 27.05 mm (FI oversize 0.1 mm)</i> <i>0.50, 0.75 - 27.20 mm (FI oversize 0.25 mm)</i> <i>1.0, 1.25, 1.5 - 27.45 mm (FI oversize 0.5 mm)</i> CLE: MS-1595P DAI: M2060A FMO: 6665M GLA: M5406SA NDC: MS-1174 OEM: 12207-01M00 VAN: VPM92048	M5524/1	2 Pairs	1-5	1.9661/ 1.9673 49.939/ 49.969	2.1119/ 2.1129 53.642/ 53.668	0.8710 22.12	0.0720 1.829	
	M5524/2	2 Pairs	2-4	1.9661/ 1.9673 49.939/ 49.969	2.1119/ 2.1129 53.642/ 53.668	0.7130 18.11	0.0720 1.829	
	F5524	1 Pair	3	1.9661/ 1.9673 49.939/ 49.969	2.1119/ 2.1129 53.642/ 53.668	1.0610 26.95	0.0720 1.829	
8	GA13DE L4 79CI /1.3Liter, DOHC, 16 Valves, Gasoline	01/1990-12/1999	1295 cc	71.00 X 81.80	4 cyl	Sunny, Pulsar, Persea	8	
	GA14DE,GA14DS L4 85CI /1.4Liter, DOHC, 16 Valves, Gasoline	09/1988-12/2001	1392 cc	73.60 X 81.80	4 cyl	Sunny, Pulsar, Persea		
	GA15DE L4 91CI /1.5Liter, DOHC, 16 Valves, Gasoline	01/1990-12/2000	1498 cc	73.60 X 88.00	4 cyl	Sunny, Pulsar, Persea		
	GA16DE L4 97CI /1.6Liter, DOHC, 16 Valves, vin A,E, Gasoline	01/1991-12/1999	1597 cc	76.00 X 88.00	4 cyl	200SX, NX 1600, Sentra		
	GA16I,G16S L4 97CI /1.6Liter, SOHC, 8 Valves, vin G, Gasoline	01/1989-12/1990	1597 cc	76.00 X 88.00	4 cyl	Pulsar, Sentra		
CR 426AM STD/.25/.5/.75/1.0/1.25/1.5 ACL: 4B1620 CLE: CB-1590P (4) DAI: R2060K FMO: 4-66780CP GLA: B4625LC/B4778LC GLY: 71-4204/4 NDC: CB-1174 OEM: 12111-77A00 OEM: 12111-11M00 VAN: VPR92047	C 426	4 Pairs		1.5730/ 1.5738 39.954/ 39.975	1.6929/ 1.6934 43.000/ 43.012	0.6690 16.99	0.0591 1.501	
MB5373AM ACL: 5M2952 CLE: MS-1950P DAI: M2068A FMO: 7257M GLA: M5571LB K.S: MS-1208A NDC: MS-1208	M5373U M5581L	5 Pairs		1.9661/ 1.9671 49.939/ 49.964	0.0000/ 2.1126 0.000/ 53.660	0.6744 17.13	0.0723 1.836	
TW2002AM STD/.25 ACL: 2T2952 CLE: TW- 551S	W2002	2 Pairs		2.2047/ 2.2146 55.999/ 56.251	2.7953/ 2.8051 71.001/ 71.250	0.0000 0.00	0.0776 1.971	

NISSAN					NISSAN			
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
DAI: T2068A FMO: 4693F GLA: W2411L K.S:TW-1208A NDC: TW-1208A OEM: 12280-53Y00								
9	CD17 L4 103CI /1.7Liter, SOHC, 8 Valves, vin S, Diesel	10/1982-12/1986	1680 cc	80.00 X 83.60	4 cyl	Sentra, Sunny, Pulsar, Langrey	9	
CR 407AM STD/.25/.5/.75/1.0 ACL:4B1630 CLE:CB-1287AL (4) DAI:R2617A FMO:4-1245CP GLA:B4616LC GLY:71-4122/4 NDC:CB-1173GP OEM:12111-01E00	C 407	4 Pairs		1.7701/ 1.7706 44.961/ 44.973	1.8898/ 1.8902 48.001/ 48.011	0.7340 18.64	0.0594 1.509	
MB5232AM STD/.25/.5/.75 <i>same as MB529AM but with Flange STD length in all undersizes.</i> ACL:5M1634 CLE:MS-2073P GLA:M5395LC OEM:12207-01E00	M5529U M5529L	4 Pairs	1-2-4-5	2.0846/ 2.0853 52.949/ 52.967	2.2307/ 2.2315 56.660/ 56.680	0.8700 22.10	0.0720 1.829	
	F5232U F5232L	1 Pair	3	2.0846/ 2.0853 52.949/ 52.967	2.2307/ 2.2315 56.660/ 56.680	1.1000 27.94	0.0720 1.829	
MB5292AM <i>Under Development</i> 7/1983- ACL:5M1633 NDC:MS-1217 ~	M5292U* M5292L*	4 Pairs	1-2-4-5	2.0846/ 2.0853 52.949/ 52.967	2.2307/ 2.2315 56.660/ 56.680	0.7870 19.99	0.0720 1.829	
	F5232U F5232L	1 Pair	3	2.0846/ 2.0853 52.949/ 52.967	2.2307/ 2.2315 56.660/ 56.680	1.1000 27.94	0.0720 1.829	
MB5305AM <i>Under Development</i> Flange length: STD - 27.94 mm (FI STD) 0.25 - 28.04 mm (FI oversize 0.25 mm); 0.50, 0.75 - 28.19 mm (FI oversize 0.25 mm) 1.0, 1.25, 1.50 - 28.44 mm (FI oversize 0.50 mm) DAI: M2620A K.S:MS-1217A NDC:MS-1217 OEM:12207-01E00	M5292U* M5292L*	4 Pairs	1-2-4-5	2.0846/ 2.0853 52.949/ 52.967	2.2307/ 2.2315 56.660/ 56.680	0.7870 19.99	0.0720 1.829	
	F5529U F5529L	1 Pair	3	2.0846/ 2.0853 52.949/ 52.967	2.2307/ 2.2315 56.660/ 56.680	1.1000 27.94	0.0720 1.829	
MB5529AM STD/.25/.5/.75/1.0 Flange length: STD - 27.94 mm (FI STD) 0.25 - 28.04 mm (FI oversize 0.25 mm); 0.50, 0.75 - 28.19 mm (FI oversize 0.25 mm) 1.0, 1.25, 1.50 - 28.44 mm (FI oversize 0.50 mm) CLE:MS-1565AL DAI:M2620A FMO:7012M GLA:M5506SA GLY:H1070/5 NDC:MS-1173GP OEM:12207-01E00	M5529U M5529L	4 Pairs	1-2-4-5	2.0846/ 2.0853 52.949/ 52.967	2.2307/ 2.2315 56.660/ 56.680	0.8700 22.10	0.0720 1.829	
	F5529U F5529L	1 Pair	3	2.0846/ 2.0853 52.949/ 52.967	2.2307/ 2.2315 56.660/ 56.680	1.1000 27.94	0.0720 1.829	
10	J18 L4 108CI /1.8Liter, OHV, 8 Valves, Gasoline	01/1980-12/1991	1751 cc	80.50 X 86.00	4 cyl		10	
CR4179AM STD/010/020/030/040 FMO:4-67370CP NDC:CB-1204GP	C4179	4 Pairs		1.8753/ 1.8758 47.633/ 47.645	1.9950/ 1.9955 50.673/ 50.686	0.0000 0.00	0.0591 1.501	
CS 309BB ACL:3C4018 CLE:SH- 764S DUR:DA-2 FMO:1734M GLA:C3081S NDC:SH-1006 VAN:VPC94036								
MB3305AM STD/.25/.5/.75/1.0/1.25 ACL:3M2637 CLE:MS-1329AL DAI:M 238K FMO:6780M GLA:M3402SA NDC:MS-1091GP OEM:12231-01W00 VAN:VPM91665	M3305	3 Pairs		1.9996/ 2.0004 50.790/ 50.810	2.1457/ 2.1465 54.501/ 54.521	1.1100 28.19	0.0722 1.834	
TW 204AM ACL:2T4302 CLE:TW- 105S DAI:T2036W FMO:2056BF GLA:W2010SA GLY:A231/4 NDC:TW-1000B OEM:12280-1/30800 OEM:12280/12281-B3000VAN:VPW190	W 204D W 204E	2 Pairs		2.2150/ 2.2250 56.261/ 56.515	2.7400/ 2.7500 69.596/ 69.850	0.0000 0.00	0.0920 2.337	
11	QG18DE L4 108CI /1.8Liter, DOHC, 16 Valves, Gasoline	01/2000-12/2006	1769 cc	80.00 X 88.00	4 cyl	Sentra	11	
CR 426AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:4B1620 CLE:CB-1590P (4) DAI:R2060K FMO:4-66780CP GLA:B4625LC/B4778LC GLY:71-4204/4 NDC:CB-1174 OEM:12111-77A00 OEM:12111-11M00 VAN:VPR92047	C 426	4 Pairs		1.5730/ 1.5738 39.954/ 39.975	1.6929/ 1.6934 43.000/ 43.012	0.6690 16.99	0.0591 1.501	
MB5373AM ACL:5M2952 CLE:MS-1950P DAI:M2068A FMO:7257M GLA:M5571LB K.S:MS-1208A	M5373U M5581L	5 Pairs		1.9661/ 1.9671 49.939/ 49.964	0.0000/ 2.1126 0.000/ 53.660	0.6744 17.13	0.0723 1.836	

NISSAN					NISSAN			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
NDC:MS-1208								
TW2002AM STD/.25	W2002	2 Pairs		2.2047/ 2.2146 55.999/ 56.251	2.7953/ 2.8051 71.001/ 71.250	0.0000 0.00	0.0776 1.971	
ACL: 2T2952 CLE: TW- 551S								
DAI: T2068A FMO: 4693F								
GLA: W2411L K.S:TW-1208A								
NDC: TW-1208A OEM: 12280-53Y00								
12	L13	01/1967-12/1970	1296 cc	83.00 X 59.90	4 cyl	Bluebird, Violet, Stanza		12
	L14	01/1970-12/1977	1428 cc	83.00 X 66.00	4 cyl	Bluebird, Violet, Stanza		
	L16 L4 97CI /1.6Liter, SOHC, 8 Valves, Gasoline	01/1967-12/1989	1595 cc	83.00 X 73.70	4 cyl	Bluebird, Violet, Stanza		
	Z16 L4 97CI /1.6Liter, SOHC, 8 Valves, Gasoline	01/1978-12/1988	1595 cc	83.00 X 73.70	4 cyl	Bluebird, Laurel, Stanza, Skyline		
	L18 L4 108CI /1.8Liter, SOHC, 8 Valves, Gasoline	01/1970-12/1981	1770 cc	85.00 X 78.00	4 cyl	Bluebird, Violet, Stanza		
	Z18	01/1978-12/1988	1770 cc	85.00 X 78.00	4 cyl	Bluebird, Laure, Stanza, Skyline		
CR4431AM STD/.25/.5/.75/1.0/1.25/1.5		C4431	4 Pairs		1.9670/ 1.9675 49.962/ 49.975	2.0866/ 2.0871 53.000/ 53.012	0.8660 22.00	0.0592 1.504
ACL:4B1171 CLE:CB- 966AL (4)								
DAI:R2040K FMO:4-67230CP								
GLA:B4491SA GLY:71-4205/4								
NDC:CB-1044 OEM:12111-21000								
VAN:VPR91613								
MB 534AM STD/.25/.5/.75		M 768/1U M 534/1L	2 Pairs	1-5	2.1631/ 2.1635 54.943/ 54.953	2.3094/ 2.3099 58.659/ 58.671	1.0280 26.11	0.0723 1.836
<i>Flange length:</i>								
<i>STD - 31.95 mm (FI STD)</i>								
<i>0.25- 32.05 mm (FI oversize 0.1 mm)</i>								
<i>0.50, 0.75 -32.20 mm (FI oversize 0.25 mm)</i>		M 768/3U	2 Pairs	2-4	2.1631/ 2.1635 54.943/ 54.953	2.3094/ 2.3099 58.659/ 58.671	0.9480 24.08	0.0723 1.836
<i>1.0,1.25,1.5 - 32.45 mm (FI oversize 0.5 mm)</i>		F 768U	1 Pair	3	2.1631/ 2.1635 54.943/ 54.953	2.3094/ 2.3099 58.659/ 58.671	1.2590 31.98	0.0723 1.836
CLE:MS-1054AL DAI:M2040K								
FMO:6767M GLA:M5269SA								
GLY:H097/5 NDC:MS-1043								
OEM:12207-21000 VAN:VPM91380								
MB5231AM STD/.25/.5/.75/1.0		M 768/3U	2 Pairs	2-4	2.1631/ 2.1635 54.943/ 54.953	2.3094/ 2.3099 58.659/ 58.671	0.9480 24.08	0.0723 1.836
<i>same as MB 534AM but with Flange STD in all undersizes.</i>								
ACL:5M1172 CLE:MS-2078P								
FMO:7137M		F7732U	1 Pair	3	2.1631/ 2.1635 54.943/ 54.953	2.3094/ 2.3099 58.659/ 58.671	1.2590 31.98	0.0723 1.836
		M 768/1U M 534/1L	2 Pairs	1-5	2.1631/ 2.1635 54.943/ 54.953	2.3094/ 2.3099 58.659/ 58.671	1.0280 26.11	0.0723 1.836
13	LD20 L4 119CI /2.0Liter, SOHC, 8 Valves, Diesel	04/1978-12/1991	1952 cc	85.00 X 86.00	4 cyl			13
CR4431AM STD/.25/.5/.75/1.0/1.25/1.5		C4431	4 Pairs		1.9670/ 1.9675 49.962/ 49.975	2.0866/ 2.0871 53.000/ 53.012	0.8660 22.00	0.0592 1.504
ACL:4B1171 CLE:CB- 966AL (4)								
DAI:R2040K FMO:4-67230CP								
GLA:B4491SA GLY:71-4205/4								
NDC:CB-1044 OEM:12111-21000								
VAN:VPR91613								
MB5021AM STD/.25/.5/.75/1.0		M5021/1U M5021L	2 Pairs	1-5	2.3600/ 2.3606 59.944/ 59.959	2.5059/ 2.5066 63.650/ 63.668	0.8660 22.00	0.0722 1.834
<i>Flange length:</i>								
<i>STD - 31.83mm (FI STD)</i>								
<i>0.25- 31.93mm (FI oversize 0.1 mm)</i>								
<i>0.50- 32.08mm (FI oversize 0.2 mm)</i>		M5021/2U M5021L	2 Pairs	2-4	2.3600/ 2.3606 59.944/ 59.959	2.5059/ 2.5066 63.650/ 63.668	0.8660 22.00	0.0722 1.834
DAI:M2644K GLA:M5570LC								
NDC:MS-1218GP OEM:12207-05E00								
VAN:VPM92657								
		F5021U F5021L	1 Pair	3	2.3600/ 2.3606 59.944/ 59.959	2.5059/ 2.5066 63.650/ 63.668	1.2630 32.08	0.0722 1.834
14	CD20 L4 120CI /2.0Liter, SOHC, 8 Valves, Diesel	05/1990-12/2000	1974 cc	84.50 X 88.00	4 cyl			14
	CD20-T L4 120CI /2.0Liter, SOHC, 8 Valves, Diesel Turbocharge	06/1991-12/2002	1974 cc	84.50 X 88.00	4 cyl			
CR4230AM <i>Under Development</i>		C4230*	4 Pairs		0.0000/ 1.9675 0.000/ 49.975	2.0864/ 0.0000 52.995/ 0.000	0.7913 20.10	0.0591 1.501
DAI:R2620A GLA:B4813SA								
NDC:CB-1217 OEM:12111-22J00-02								

NISSAN				NISSAN			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
VAN:VPR92841A							
MB5292AM <i>Under Development</i> Same as MB5305AM but with Flange STD in all undersizes ACL:5M1633 NDC:MS-1217 ~	M5292U*	4 Pairs	1-2-4-5	2.0846/ 2.0853 52.949/ 52.967	2.2307/ 2.2315 56.660/ 56.680	0.7870 19.99	0.0720 1.829
	M5292L*						
	F5232U	1 Pair	3	2.0846/ 2.0853 52.949/ 52.967	2.2307/ 2.2315 56.660/ 56.680	1.1000 27.94	0.0720 1.829
	F5232L						
MB5305AM <i>Under Development</i> Flange length: STD - 27.94 mm (FI STD) 0.25 - 28.04 mm (FI oversize 0.25 mm); 0.50, 0.75 - 28.19 mm (FI oversize 0.25 mm) 1.0, 1.25, 1.50 - 28.44 mm (FI oversize 0.50 mm) DAI: M2620A K.S:MS-1217A NDC:MS-1217 OEM:12207-01E00	M5292U*	4 Pairs	1-2-4-5	2.0846/ 2.0853 52.949/ 52.967	2.2307/ 2.2315 56.660/ 56.680	0.7870 19.99	0.0720 1.829
	M5292L*						
	F5529U	1 Pair	3	2.0846/ 2.0853 52.949/ 52.967	2.2307/ 2.2315 56.660/ 56.680	1.1000 27.94	0.0720 1.829
	F5529L						
15	CA16DE L4 98CI /1.6Liter, DOHC, 16 Valves, Gasoline	10/1979-09/1988	1598 cc	78.00 X 83.60	4 cyl	Pulsar SE	15
	CA18DE L4 110CI /1.8Liter, DOHC, 16 Valves, vin C, Gasoline	06/1981-12/1989	1809 cc	83.00 X 83.60	4 cyl	Pulsar	
	CA18ET L4 110CI /1.8Liter, SOHC, 8 Valves, vin C, Gasoline Turbocharge	01/1984-12/1987	1809 cc	83.00 X 83.60	4 cyl	200SX	
	CA20S L4 120CI /2.0Liter, SOHC, 8 Valves, Gasoline	06/1981-12/1983	1973 cc	84.50 X 88.00	4 cyl	200SX, Bluebird, Prerie, Stanza, Stanza Wagon	
	CA20E L4 120CI /2.0Liter, SOHC, 8 Valves, Gasoline	01/1984-12/1989	1974 cc	84.50 X 88.00	4 cyl	200SX, Multi, Stanza	
CR 407AM STD/.25/.5/.75/1.0 ACL:4B1630 CLE:CB-1287AL (4) DAI:R2617A FMO:4-1245CP GLA:B4616LC GLY:71-4122/4 NDC:CB-1173GP OEM:12111-01E00	C 407	4 Pairs		1.7701/ 1.7706 44.961/ 44.973	1.8898/ 1.8902 48.001/ 48.011	0.7340 18.64	0.0594 1.509
MB5232AM STD/.25/.5/.75 same as MB5529AM but with Flange STD length in all undersizes. ACL:5M1634 CLE:MS-2073P GLA:M5395LC	M5529U	4 Pairs	1-2-4-5	2.0846/ 2.0853 52.949/ 52.967	2.2307/ 2.2315 56.660/ 56.680	0.8700 22.10	0.0720 1.829
	M5529L						
	F5232U	1 Pair	3	2.0846/ 2.0853 52.949/ 52.967	2.2307/ 2.2315 56.660/ 56.680	1.1000 27.94	0.0720 1.829
	F5232L						
MB5529AM STD/.25/.5/.75/1.0 Flange length: STD - 27.94 mm (FI STD) 0.25 - 28.04 mm (FI oversize 0.25 mm); 0.50, 0.75 - 28.19 mm (FI oversize 0.25 mm) 1.0, 1.25, 1.50 - 28.44 mm (FI oversize 0.50 mm) CLE:MS-1565AL DAI:M2620A FMO:7012M GLA:M5506SA GLY:H1070/5 NDC:MS-1173GP OEM:12207-01E00	M5529U	4 Pairs	1-2-4-5	2.0846/ 2.0853 52.949/ 52.967	2.2307/ 2.2315 56.660/ 56.680	0.8700 22.10	0.0720 1.829
	M5529L						
	F5529U	1 Pair	3	2.0846/ 2.0853 52.949/ 52.967	2.2307/ 2.2315 56.660/ 56.680	1.1000 27.94	0.0720 1.829
	F5529L						
16	H20 L4 121CI /2.0Liter, OHV, 8 Valves, Gasoline	07/1967-12/1992	1982 cc	87.20 X 83.00	4 cyl	Forklift, Junior, Caravan, Homy	16
	U20 L4 121CI /2.0Liter, OHV, 8 Valves, Gasoline	01/1968-12/1970	1982 cc	87.20 X 83.00	4 cyl	2000	
CR4443AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:4B2751 CLE:CB- 981AL (4) DAI:R2005K FMO:4-67015CP GLA:B4553SA GLY:71-4260/4 NDC:CB-1002GP OEM:12111-12210 VAN:VPR92051	C4443	4 Pairs		2.0455/ 2.0461 51.956/ 51.971	2.1654/ 2.1660 55.001/ 55.016	0.9490 24.10	0.0592 1.504
CS 305BB ACL:3C4036 CLE:SH- 772S DUR:DA-3A FMO:1570M GLA:C3064S GLY:N159/3 NDC:SH-1003 VAN:VPC94085							
MB 549AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:5M2757 CLE:MS-2079P ~ DAI:M2010K FMO:7138M GLA:M5323LC NDC:MS-1042 OEM:12207-78200 VAN:VPM92052	M 549/1	2 Pairs	1-5	2.4780/ 2.4785 62.941/ 62.954	2.6238/ 2.6245 66.645/ 66.662	1.1050 28.07	0.0720 1.829
	M 549/2	2 Pairs	2-4	2.4780/ 2.4785 62.941/ 62.954	2.6238/ 2.6245 66.645/ 66.662	0.8650 21.97	0.0720 1.829
	F 549U	1 Pair	3	2.4780/ 2.4785 62.941/ 62.954	2.6238/ 2.6245 66.645/ 66.662	1.3370 33.96	0.0720 1.829






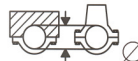


NISSAN				NISSAN				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
	F 549L							
17	L20A L6 122Cl /2.0Liter, SOHC, 12 Valves, Gasoline	06/1981-05/1987	1998 cc	78.00 X 69.70	6 cyl	Cedric, Laurel	17	
CR6627AM STD/.25/.5/.75	C 407	6 Pairs		1.7701/ 1.7706 44.961/ 44.973	1.8898/ 1.8902 48.001/ 48.011	0.7340 18.64	0.0594 1.509	
ACL: 6B1630 FMO: 6-1245CP NDC: CB-1177	CLE: CB-1287AL (6) GLA: B6586SA OEM: 12111-D0200							
MB 768AM STD/.25/.5/.75/1.0	M 768/1U M 768/1L	2 Pairs	1-7	2.1631/ 2.1636 54.943/ 54.955	2.3095/ 2.3099 58.661/ 58.671	1.0280 26.11	0.0722 1.834	
Flange length: STD - 31.95 mm (FI STD) 0.25 - 32.05 mm (FI oversize 0.1 mm) 0.50, 0.75 - 32.20 mm (FI oversize 0.25 mm) 1.0, 1.25, 1.5 - 32.45 mm (FI oversize 0.5 mm)	M 768/3U M 768/3L	4 Pairs	2-3-5-6	2.1631/ 2.1636 54.943/ 54.955	2.3095/ 2.3099 58.661/ 58.671	0.9480 24.08	0.0722 1.834	
ACL: 7M1172 DAI: M2025K GLA: M7332LC OEM: 12207-73400	CLE: MS-1106P FMO: 6758M NDC: MS-1047GP VAN: VPM91562	F 768U F 768L	1 Pair 4	2.1631/ 2.1636 54.943/ 54.955	2.3095/ 2.3099 58.661/ 58.671	1.2590 31.98	0.0722 1.834	
18	VG20E V6 122Cl /2.0Liter, SOHC, 12 Valves, Gasoline	06/1983-10/1986	1998 cc	78.00 X 69.70	6 cyl	Cedric, Gloria	18	
	VG20DET V6 122Cl /2.0Liter, SOHC, 24 Valves, Gasoline Turbocharge	06/1987-06/1991	1998 cc	78.00 X 69.70	6 cyl	Cedric, Gloria		
MB 453AM STD/.25/.5/.75/1.0	M 453/1U M 495/1L	1 Pair	1	0.0000/ 2.4793 0.000/ 62.974	0.0000/ 2.6243 0.000/ 66.657	0.8860 22.50	0.0720 1.829	
Flange length: STD - 28.85 mm (FI STD) 0.25 - 28.95 mm (FI oversize 0.1 mm) 0.50, 0.75, 1.0 - 29.10 mm (FI oversize 0.25 mm)	M 453/2U M 495/2L	2 Pairs	2-3	0.0000/ 2.4793 0.000/ 62.974	0.0000/ 2.6243 0.000/ 66.657	0.7480 19.00	0.0720 1.829	
ACL: 4M2777 FMO: 7099M NDC: MS-1201 VAN: VPM92807A	CLE: MS-1637 GLA: M4291SA OEM: 12215/31-02P25	F 453U F 453L	1 Pair 4	0.0000/ 2.4793 0.000/ 62.974	0.0000/ 2.6242 0.000/ 66.655	1.1360 28.85	0.0720 1.829	
MB4008AM STD/.25/.5/.75/1.0	M 453/1U M 495/1L	1 Pair	1	0.0000/ 2.4793 0.000/ 62.974	0.0000/ 2.6243 0.000/ 66.657	0.8860 22.50	0.0720 1.829	
Same as MB 453AM, but with FI STD length (28.85 mm in all undersizes).	M 453/2U M 495/2L	2 Pairs	2-3	0.0000/ 2.4793 0.000/ 62.974	0.0000/ 2.6243 0.000/ 66.657	0.7480 19.00	0.0720 1.829	
ACL: 4M2777 FMO: 7099~	CLE: MS-2074P OEM: 12207-02P25	F4008U F 495L	1 Pair 4	0.0000/ 2.4793 0.000/ 62.974	0.0000/ 2.6242 0.000/ 66.655	1.1360 28.85	0.0720 1.829	
MB4071AM	M 495/1U M 495/1L	1 Pair	1	0.0000/ 2.4793 0.000/ 62.974	0.0000/ 2.6249 0.000/ 66.672	0.8860 22.50	0.0720 1.829	
Flange length: STD - 28.80 mm (FI STD) 0.25 - 28.90mm (FI oversize 0.1 mm) 0.50, 0.75, 1.0 - 29.05mm (FI oversize 0.25 mm)	M 495/2U M 495/2L	2 Pairs	2-3	0.0000/ 2.4793 0.000/ 62.974	0.0000/ 2.6249 0.000/ 66.672	0.7480 19.00	0.0720 1.829	
DAI: M2078A OEM: 12215-F6500	NDC: MS-1211GP OEM: 12214-40V00-04	F4071U F 453L	1 Pair 4	0.0000/ 2.4793 0.000/ 62.974	0.0000/ 2.6249 0.000/ 66.672	1.1340 28.80	0.0720 1.829	
19	SR18		1838 cc		4 cyl	Bluebird, Silvia, Primera, Ave nir	19	
	SR20DE L4 122Cl /2.0Liter, DOHC, 16 Valves, vin B,G, Gasoline	01/1991-12/2002	1998 cc	86.00 X 86.00	4 cyl	200SX, Bluebird, Silvia, Primera, Ave nir, NX, Sentra		
CR4136AM STD/.25/.5/.75/1.0	C4136	4 Pairs	1-4	1.8880/ 1.8887 47.955/ 47.973	2.0079/ 2.0084 51.001/ 51.013	0.6691 17.00	0.0589 1.496	
ACL: 4B2960 FMO: 4-4805P NDC: CB-1213 VAN: VPR92661	CLE: CB-1629P (4) GLA: B4779 OEM: 12111-60J00							
MB5243AM STD/.25/.5/.75/1.0	M5243U M5243L	5 Pairs	1-5	2.1636/ 2.1646 54.955/ 54.981	2.3206/ 2.3216 58.943/ 58.969	0.7480 19.00	0.0778 1.976	
ACL: 5M2964 FMO: 7375M NDC: MS-1213 VAN: VPM92666	CLE: MS-2015P GLA: M5572 OEM: 12207-60J00							
TW 139AM	W 139	1 Pair		2.4314/ 0.0000 61.758/ 0.000	0.0000/ 3.2878 0.000/ 83.510	0.0000 0.00	0.0770 1.956	
ACL: 1T2964 FMO: 4806F NDC: TW-1213GP	CLE: TW- 590S K.S: TW-1213GP OEM: 12280-60J00							

NISSAN				NISSAN			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
20	SD20	01/1963-08/1980	1991 cc	83.00 X 92.00	4 cyl		20
	SD22 L4 132CI /2.2Liter, OHV, 8 Valves, vin S, Diesel	01/1963-08/1980	2164 cc	83.00 X 100.00	4 cyl	720 Diesel	
CR 472AM STD./25./5./75	C 472	4 Pairs		2.0831/ 2.0837 52.911/ 52.926	2.2042/ 2.2047 55.987/ 55.999	1.0240 26.01	0.0592 1.504
ACL:4B1366 DAI:R3020K GLA:B4528LC OEM:12117-37503/2 VAN:VPR91814	CLE:CB- 988AL (4) FMO:4-67260CP NDC:CB-1029 VAN:VPR91814						
CS 305BB							
ACL:3C4036 DUR:DA-3A GLA:C3064S NDC:SH-1003 VAN:VPC94085	CLE:SH- 772S FMO:1570M GLY:N159/3 VAN:VPC94085						
MB 359AM STD./25./5./75/1.0	M 359U M 359L	3 Pairs	1-2-3	2.7916/ 2.7921 70.907/ 70.919	2.9520/ 2.9528 74.981/ 75.001	1.2600 32.00	0.0790 2.007
ACL:3M1367 DAI:M3020K GLA:M3389LC NDC:MS-1028 VAN:VPM91815	CLE:MS-1118AL FMO:6765M GLY:H1122/3 OEM:12207-37502						
TW 272AM	W 272D W 272E	2 Pairs		3.0945/ 3.1043 78.600/ 78.849	3.6831/ 3.6929 93.551/ 93.800	0.0000 0.00	0.0917 2.329
CLE:TW- 230S GLA:W2214L NDC:TW-1028GP	DAI:T3020A GLY:A220/4 OEM:12280-37525~27						
21	TD23 L4 140CI /2.3Liter, OHV, 8 Valves, Diesel	05/1986-12/1995	2289 cc	89.00 X 92.00	4 cyl		21
CR4228CP <i>Under Development</i>	C4228*	4 Pairs		0.0000/ 2.0837 0.000/ 52.926	2.2042/ 0.0000 55.987/ 0.000	1.0276 26.10	0.0594 1.509
DAI:R3035K K.S:CB-1192GP OEM:12111-02N00	GLA:B4784 NDC:CB-1192GP VAN:VPR92672LC						
MB5029CP STD./25./5./75/1.0	M5029U M5029L	5 Pairs	1-5	2.7916/ 2.7921 70.907/ 70.919	2.9520/ 2.9528 74.981/ 75.001	1.0240 26.01	0.0793 2.014
ACL:5M2965 DAI:M3035K GLA:M5563LC NDC:MS-1190GP	CLE:MS-1808P FMO:7249M GLY:H1093/5 OEM:12207-43G00						
TW 272AM	W 272D W 272E	2 Pairs		3.0945/ 3.1043 78.600/ 78.849	3.6831/ 3.6929 93.551/ 93.800	0.0000 0.00	0.0917 2.329
CLE:TW- 230S GLA:W2214L NDC:TW-1028GP	DAI:T3020A GLY:A220/4 OEM:12280-37525~27						
22	LD23 12 Valves,	-	2300 cc	87.00 X 96.00	4 cyl	SERENA	22
CR4283CP STD./25./5./75/1.0/1.25/1.5	C4283	4 Pairs		2.1244/ 2.1250 53.960/ 53.975	2.2441/ 2.2446 57.000/ 57.013	0.9890 25.12	0.0589 1.496
GLA:C628522 OEM:12111-9C625							
MB5325CP STD./25./5./75/1.0	M5325/1U M5325/1L	4 Pairs	1,2,4,5	2.4781/ 2.4786 62.944/ 62.956	2.6243/ 2.6246 66.657/ 66.665	0.7870 19.99	0.0720 1.829
OEM:12209-9C600							
	M5325/3U M5325/3L	1 Pair	3	2.4781/ 2.4786 62.944/ 62.956	2.6243/ 2.6246 66.657/ 66.665	0.8660 22.00	0.0720 1.829
23	L20B L4 119CI /2.0Liter, SOHC, 8 Valves, vin H, Gasoline	01/1974-04/1980	1952 cc	85.00 X 86.00	4 cyl	200SX, 510, 610, 620, 710, 720, Truck	23
	Z20,Z20E,Z20S L4 119CI /2.0Liter, SOHC, 8 Valves, vin F,H,P, Gasoline	11/1975-12/1986	1952 cc	85.00 X 86.00	4 cyl	200SX, 510, 720, Silvia, Laurel, Bluebird	
	Z22,Z22E L4 133CI /2.2Liter, SOHC, 8 Valves, vin M,R, Gasoline	08/1982-12/1988	2187 cc	87.00 X 92.00	4 cyl	200SX, 720, Silvia, Laurel, Bluebird	
	Z24,Z24I L4 146CI /2.4Liter, SOHC, 8 Valves, Gasoline	08/1983-12/1989	2389 cc	89.00 X 96.00	4 cyl	720, D21, Van, Hardbody, Pathfinder	
CR4431AM STD./25./5./75/1.0/1.25/1.5	C4431	4 Pairs		1.9670/ 1.9675 49.962/ 49.975	2.0866/ 2.0871 53.000/ 53.012	0.8660 22.00	0.0592 1.504
ACL:4B1171 DAI:R2040K GLA:B4491SA NDC:CB-1044 VAN:VPR91613	CLE:CB- 966AL (4) FMO:4-67230CP GLY:71-4205/4 OEM:12111-21000						
MB 587AM STD./25./5./75/1.0/1.5	M 587/1U M 587/1L	2 Pairs	1-5	2.3600/ 2.3606 59.944/ 59.959	2.5059/ 2.5066 63.650/ 63.668	1.0300 26.16	0.0722 1.834
Flange length: STD - 31.98 mm (FI STD)							






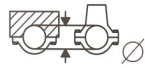


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King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
0.25- 32.08 mm (FI oversize 0.1 mm) 0.50, 0.75 - 32.23 mm (FI oversize 0.25 mm) 1.0, 1.25, 1.5 - 32.48mm (FI oversize 0.5 mm) CLE:MS-1570P DAI:M2042K FMO:6783M GLA:M5365LC NDC:MS-1183 OEM:12207-U6000 VAN:VPM91682	M 587/2	2 Pairs	2-4	2.3600/ 2.3606 59.944/ 59.959	2.5059/ 2.5066 63.650/ 63.668	0.9500 24.13	0.0722 1.834		
	F 587	1 Pair	3	2.3600/ 2.3606 59.944/ 59.959	2.5059/ 2.5066 63.650/ 63.668	1.2590 31.98	0.0722 1.834		
MB5233AM STD/.25/.5/.75/1.0 same as MB 587AM, but with Flange STD length in all undersizes. ACL:5M1176 CLE:MS-2042P FMO:7139M GLY:H1151/5	M 587/1U M 587/1L	2 Pairs	1-5	2.3600/ 2.3606 59.944/ 59.959	2.5059/ 2.5066 63.650/ 63.668	1.0300 26.16	0.0722 1.834		
	M 587/2	2 Pairs	2-4	2.3600/ 2.3606 59.944/ 59.959	2.5059/ 2.5066 63.650/ 63.668	0.9500 24.13	0.0722 1.834		
	F5233	1 Pair	3	2.3600/ 2.3606 59.944/ 59.959	2.5059/ 2.5066 63.650/ 63.668	1.2590 31.98	0.0722 1.834		
24	KA24DE L4 146CI /2.4Liter, DOHC, 16 Valves, vin B,D,M, Gasoline	01/1991-12/2004	2389 cc	89.00 X 96.00	4 cyl	240SX, Altima, Frontier, Hardbody, Largo, Presage, Xterra	24		
	KA24E L4 146CI /2.4Liter, SOHC, 12 Valves, vin F,H,S, Gasoline	01/1989-12/1997	2389 cc	89.00 X 96.00	4 cyl	240SX, Axxess, D21, Stanza			
CR4065AM STD/.25/.5/.75/1.00/1.25/1.5 ACL:4B2746 CLE:CB-1589AL (4) FMO:4-4460P NDC:CB-1209 OEM:12111-40F00	C4065	4 Pairs		1.9668/ 1.9675 49.957/ 49.975	2.0864/ 2.0871 52.995/ 53.012	0.7920 20.12	0.0592 1.504		
MB5245AM STD/.25/.5/.75/1.0 Same MB5595AM, but with FI STD (flange length 26.93 mm) in all Undersizes. ACL:5M2747 CLE:MS-1949P FMO:7285M OEM:12208-9E000	M5595U M5595L	4 Pairs		2.3603/ 2.3612 59.952/ 59.974	2.5065/ 2.5072 63.665/ 63.683	0.7480 19.00	0.0722 1.834		
	F5245U F5245L	1 Pair		2.3603/ 2.3612 59.952/ 59.974	2.5065/ 2.5072 63.665/ 63.683	1.0602 26.93	0.0722 1.834		
MB5595AM STD/.25/.5/.75/1.0 Flange length: STD - 26.93 mm (FI STD) 0.25- 27.03 mm (FI oversize 0.1 mm) 0.50, 0.75 - 27.18 mm (FI oversize 0.25 mm) 1.0, 1.25, 1.5 - 27.43 mm (FI oversize 0.5 mm) ACL:5M2747 NDC:MS-1209 OEM:12208-40F00	M5595U M5595L	4 Pairs		2.3603/ 2.3612 59.952/ 59.974	2.5065/ 2.5072 63.665/ 63.683	0.7480 19.00	0.0722 1.834		
	F5595U F5595L	1 Pair		2.3603/ 2.3612 59.952/ 59.974	2.5065/ 2.5072 63.665/ 63.683	1.0602 26.93	0.0722 1.834		
25	RB24 L6 122CI /2.0Liter, SOHC, 12 Valves, Gasoline	10/1984-	1998 cc	78.00 X 69.70	6 cyl	Cefiro, Crew	25		
	RB24	05/1989-08/1991	2429 cc		6 cyl	Cefiro, Crew			
CR6695AM Under Development DAI:R2029A GLA:B6662SA NDC:CB-1203GP OEM:12111-19V00-02 VAN:VPR92794	C6695*	6 Pairs		0.0000/ 1.6526 0.000/ 41.976	0.0000/ 1.7720 0.000/ 45.009	0.6299 16.00	0.0593 1.506		
MB7008AM STD/.25/.5/.75 ACL:7M2394 DAI:M2029A GLA:M7486SA NDC:MS-1203GP OEM:12207-19V00-04 VAN:VPM92793	M7008U M7008L	6 Pairs	1-3,5-7	2.1634/ 2.1644 54.950/ 54.976	2.3089/ 2.3094 58.646/ 58.659	0.7530 19.13	0.0720 1.829		
	F7008U F7008L	1 Pair	4	2.1634/ 2.1644 54.950/ 54.976	2.3089/ 2.3094 58.646/ 58.659	1.0610 26.95	0.0720 1.829		
26	YD22		2148 cc	86.00 X 94.00	4 cyl	Almera, X-Trail	26		
	YD25		2488 cc	89.00 X 100.00	4 cyl				
CR4500CA	C4500U C4500L	4 Pairs		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 2.1678 0.000/ 55.062	0.9050 22.99	0.0590 1.499		
MB5429SI GLY:H1249/5	M5429U M5429L	5 Pairs		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 2.6265 0.000/ 66.713	0.7870 19.99	0.0720 1.829		
27	SD20	09/1980-06/1983	1991 cc	83.00 X 92.00	4 cyl		27		
	SD22 L4 132CI /2.2Liter, OHV, 8 Valves, Diesel	09/1980-12/1983	2164 cc	83.00 X 100.00	4 cyl				
	SD22 L4 140CI /2.3Liter, OHV, 8 Valves, vin S, Diesel	09/1980-08/1987	2289 cc	89.00 X 92.00	4 cyl				

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King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
SD25 L4 152CI /2.5Liter, OHV, 8 Valves, vin J, Diesel	11/1981-09/1988	2488 cc	89.00 X 100.00	4 cyl			
CR 472AM STD/.25/.5/.75 ACL:4B1366 CLE:CB- 988AL(4) DAI:R3020K FMO:4-67260CP GLA:B4528LC NDC:CB-1029 OEM:12117-37503/2 VAN:VPR91814	C 472	4 Pairs		2.0831/ 2.0837 52.911/ 52.926	2.2042/ 2.2047 55.987/ 55.999	1.0240 26.01	0.0592 1.504
CS 305BB ACL:3C4036 CLE:SH- 772S DUR:DA-3A FMO:1570M GLA:C3064S GLY:N159/3 NDC:SH-1003 VAN:VPC94085							
MB5159AM STD/.25/.5/.75 ACL:5M1369 CLE:MS-1711P DAI:M 321K FMO:7071M GLA:M5472LC GLY:H1157/5 NDC:MS-1182 OEM:12207-V1700 VAN:VPM92457LC	M5159	5 Pairs		2.7916/ 2.7921 70.907/ 70.919	2.9520/ 2.9528 74.981/ 75.001	1.0236 26.00	0.0790 2.007
TW 272AM CLE:TW- 230S DAI:T3020A GLA:W2214L GLY:A220/4 NDC:TW-1028GP OEM:12280-37525~27	W 272D W 272E	2 Pairs		3.0945/ 3.1043 78.600/ 78.849	3.6831/ 3.6929 93.551/ 93.800	0.0000 0.00	0.0917 2.329
28 SD25T L4 152CI /2.5Liter, OHV, 8 Valves, vin J, Diesel Turbocharge	11/1981-09/1988	2488 cc	89.00 X 100.00	4 cyl			28
CR 472AM STD/.25/.5/.75 ACL:4B1366 CLE:CB- 988AL(4) DAI:R3020K FMO:4-67260CP GLA:B4528LC NDC:CB-1029 OEM:12117-37503/2 VAN:VPR91814	C 472	4 Pairs		2.0831/ 2.0837 52.911/ 52.926	2.2042/ 2.2047 55.987/ 55.999	1.0240 26.01	0.0592 1.504
CS 305BB ACL:3C4036 CLE:SH- 772S DUR:DA-3A FMO:1570M GLA:C3064S GLY:N159/3 NDC:SH-1003 VAN:VPC94085							
MB5159AM STD/.25/.5/.75 ACL:5M1369 CLE:MS-1711P DAI:M 321K FMO:7071M GLA:M5472LC GLY:H1157/5 NDC:MS-1182 OEM:12207-V1700 VAN:VPM92457LC	M5159	5 Pairs		2.7916/ 2.7921 70.907/ 70.919	2.9520/ 2.9528 74.981/ 75.001	1.0236 26.00	0.0790 2.007
TW 272AM CLE:TW- 230S DAI:T3020A GLA:W2214L GLY:A220/4 NDC:TW-1028GP OEM:12280-37525~27	W 272D W 272E	2 Pairs		3.0945/ 3.1043 78.600/ 78.849	3.6831/ 3.6929 93.551/ 93.800	0.0000 0.00	0.0917 2.329
29 RB25	08/1991-12/1998	2498 cc	86.00 X 71.70	6 cyl	Laurel, Skyline, Stagea		29
RB25DE L6 152CI /2.5Liter, DOHC, 24 Valves, Gasoline	01/1993-12/1998	2498 cc		6 cyl	Skyline		
RB25DET L6 152CI /2.5Liter, DOHC, 24 Valves, Gasoline Turbocharge	01/1994-12/1998	2498 cc	86.00 X 72.00	6 cyl	Skyline		
RB25DETT L6 152CI /2.5Liter, DOHC, 24 Valves, Gasoline Turbocharge	01/1998-	2498 cc	86.00 X 72.00	6 cyl	Skyline		
CR6697SI ACL:6B2960 NDC:CB-1216 OEM:12111-05U00/02	C4136	6 Pairs		1.8880/ 1.8887 47.955/ 47.973	2.0079/ 2.0084 51.001/ 51.013	0.3790 9.63	0.0592 1.504
MB7008AM STD/.25/.5/.75 ACL:7M2394 DAI:M2029A GLA:M7486SA NDC:MS-1203GP OEM:12207-19V00-04 VAN:VPM92793	M7008U M7008L	6 Pairs	1-3,5-7	2.1634/ 2.1644 54.950/ 54.976	2.3089/ 2.3094 58.646/ 58.659	0.7530 19.13	0.0720 1.829
	F7008U F7008L	1 Pair	4	2.1634/ 2.1644 54.950/ 54.976	2.3089/ 2.3094 58.646/ 58.659	1.0610 26.95	0.0720 1.829
30 QR25DE L4 153CI /2.5Liter, DOHC, 16 Valves, Gasoline	01/2002-12/2006	2500 cc	89.00 X 100.00	4 cyl	ALTIMA, FRONTIER, SENTRA, X-TRAIL		30
CR4533SI STD/.25/.5/.75 ACL:4B2620A CLE:CB-1858AL	C4533	4 Pairs	1-4	1.7699/ 1.7706 44.955/ 44.973	1.8898/ 1.8902 48.001/ 48.011	0.7520 19.10	0.0595 1.511

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King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
MB5664AM _{STD./25./5./75} ACL:5M2628A CLE:MS-2263AL	M5664U M5664L	4 Pairs	1,2,4,5	2.1636/ 2.1645 54.955/ 54.978	2.3206/ 2.3215 58.943/ 58.966	0.7913 20.10	0.0786 1.996
	M5664/1U	1 Half	3	2.1636/ 2.1645 54.955/ 54.978	2.3206/ 2.3215 58.943/ 58.966	0.9272 23.55	0.0786 1.996
	M5664L	1 Half	3	2.1636/ 2.1645 54.955/ 54.978	2.3206/ 2.3215 58.943/ 58.966	0.9272 23.55	0.0786 1.996
TW1008AM _{STD} <i>Under Development</i> ACL:1T2628 CLE:TW-679S	W1008/1 W1008/2	1 Pair	3	0.0000/ 2.3335 0.000/ 59.271	0.0000/ 3.2776 0.000/ 83.251	0.0000 0.00	0.0965 2.451
31	RB26DETT L6 157CI /2.6Liter, DOHC, 24 Valves, Gasoline Turbocharge	08/1989-12/2002	2568 cc	86.00 X 73.70	6 cyl	GT-R, R32, R33, R34, Skyline	31
CR6697SI ACL:6B2960 NDC:CB-1216 OEM:12111-05U00/02	C4136	6 Pairs		1.8880/ 1.8887 47.955/ 47.973	2.0079/ 2.0084 51.001/ 51.013	0.3790 9.63	0.0592 1.504
MB7092AM NDC:MS-1216A OEM:12207-05U00	M7092U M7092L	6 Pairs	1-3,5-7	0.0000/ 2.1644 0.000/ 54.976	0.0000/ 2.3094 0.000/ 58.659	0.7877 20.01	0.0720 1.829
	F7092U F7092L	1 Pair	4	0.0000/ 2.1644 0.000/ 54.976	0.0000/ 2.3094 0.000/ 58.659	1.0630 27.00	0.0717 1.821
32	TD25 L4 152CI /2.5Liter, OHV, 8 Valves, Diesel	08/1986-12/1999	2494 cc	92.90 X 92.00	4 cyl		32
	TD27 L4 163CI /2.7Liter, OHV, 8 Valves, Diesel	06/1986-12/1992	2663 cc	96.00 X 92.00	4 cyl		
CR4162CP _{STD./25./5./75/1.0} ACL:4B2966 DAI:R3036K GLA:B4771LC NDC:CB-1190GP CLE:CB-1463P(4) FMO:4-4340CP GLY:71-4156/4 OEM:12111-43G00	C4162	4 Pairs		2.2407/ 2.2412 56.914/ 56.926	2.3617/ 2.3622 59.987/ 60.000	1.0280 26.11	0.0596 1.514
MB5029CP _{STD./25./5./75/1.0} ACL:5M2965 DAI:M3035K GLA:M5563LC NDC:MS-1190GP CLE:MS-1808P FMO:7249M GLY:H1093/5 OEM:12207-43G00	M5029U M5029L	5 Pairs	1-5	2.7916/ 2.7921 70.907/ 70.919	2.9520/ 2.9528 74.981/ 75.001	1.0240 26.01	0.0793 2.014
	TW 272AM CLE:TW- 230S DAI:T3020A GLA:W2214L GLY:A220/4 NDC:TW-1028GP OEM:12280-37525-27	W 272D W 272E	2 Pairs		3.0945/ 3.1043 78.600/ 78.849	3.6831/ 3.6929 93.551/ 93.800	0.0000 0.00
33	TD27T L4 163CI /2.7Liter, OHV, 8 Valves, Diesel Turbocharge	06/1986-12/1992	2663 cc	96.00 X 92.00	4 cyl		33
CR4162CP _{STD./25./5./75/1.0} ACL:4B2966 DAI:R3036K GLA:B4771LC NDC:CB-1190GP CLE:CB-1463P(4) FMO:4-4340CP GLY:71-4156/4 OEM:12111-43G00	C4162	4 Pairs		2.2407/ 2.2412 56.914/ 56.926	2.3617/ 2.3622 59.987/ 60.000	1.0280 26.11	0.0596 1.514
MB5029CP _{STD./25./5./75/1.0} ACL:5M2965 DAI:M3035K GLA:M5563LC NDC:MS-1190GP CLE:MS-1808P FMO:7249M GLY:H1093/5 OEM:12207-43G00	M5029U M5029L	5 Pairs	1-5	2.7916/ 2.7921 70.907/ 70.919	2.9520/ 2.9528 74.981/ 75.001	1.0240 26.01	0.0793 2.014
	TW 272AM CLE:TW- 230S DAI:T3020A GLA:W2214L GLY:A220/4 NDC:TW-1028GP OEM:12280-37525-27	W 272D W 272E	2 Pairs		3.0945/ 3.1043 78.600/ 78.849	3.6831/ 3.6929 93.551/ 93.800	0.0000 0.00
34	L20 L6 122CI /2.0Liter, SOHC, 12 Valves, Gasoline	01/1966-12/1987	1998 cc	78.00 X 69.70	6 cyl	Cedric	34
	L24 L6 146CI /2.4Liter, SOHC, 12 Valves, Gasoline	10/1971-05/1987	2393 cc	83.00 X 73.70	6 cyl	Maxima, 240Z, 810	
	L26 L6 157CI /2.6Liter, SOHC, 12 Valves, vin R, Gasoline	01/1971-12/1978	2565 cc	83.00 X 79.00	6 cyl	260Z	
	L28 L6 168CI /2.8Liter, SOHC, 12 Valves, Gasoline	01/1975-12/1983	2753 cc	86.00 X 79.00	6 cyl	280ZX	

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King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
LD28 L6 170CI /2.8Liter, SOHC, 12 Valves, Diesel	10/1979-12/1986	2792 cc	84.50 X 83.00	6 cyl	Maxima Diesel		
CR6607AM STD/.25/.5/.75/1.0/1.5 ACL:6B1171 CLE:CB-966AL(6) DAI:R2025K FMO:6-67230CP GLA:B6488LC K.S:CB-1048GP NDC:CB-1048 OEM:12111-E3000 OEM:12111-73400 VAN:VPR91614	C4431	6 Pairs		1.9670/ 1.9675 49.962/ 49.975	2.0866/ 2.0871 53.000/ 53.012	0.8660 22.00	0.0592 1.504
MB 768AM STD/.25/.5/.75/1.0 Flange length: STD - 31.95 mm (FI STD) 0.25- 32.05 mm (FI oversize 0.1 mm) 0.50, 0.75 -32.20 mm (FI oversize 0.25 mm) 1.0, 1.25, 1.5 - 32.45 mm (FI oversize 0.5 mm) ACL:7M1172 ~ CLE:MS-1106P DAI:M2025K FMO:6758M GLA:M7332LC NDC:MS-1047GP OEM:12207-73400 VAN:VPM91562	M 768/1U M 768/1L	2 Pairs	1-7	2.1631/ 2.1636 54.943/ 54.955	2.3095/ 2.3099 58.661/ 58.671	1.0280 26.11	0.0722 1.834
	M 768/3U M 768/3L	4 Pairs	2-3-5-6	2.1631/ 2.1636 54.943/ 54.955	2.3095/ 2.3099 58.661/ 58.671	0.9480 24.08	0.0722 1.834
	F 768U F 768L	1 Pair	4	2.1631/ 2.1636 54.943/ 54.955	2.3095/ 2.3099 58.661/ 58.671	1.2590 31.98	0.0722 1.834
MB7732AM STD/.25/.5/.75 Same as MB 768AM, but with Flange STD in all undersizes. ACL:7M1172 CLE:MS-2081P FMO:7136M	M 768/1U M 768/1L	2 Pairs	1-7	2.1631/ 2.1636 54.943/ 54.955	2.3095/ 2.3099 58.661/ 58.671	1.0280 26.11	0.0722 1.834
	M 768/3U M 768/3L	4 Pairs	2-3-5-6	2.1631/ 2.1636 54.943/ 54.955	2.3095/ 2.3099 58.661/ 58.671	0.9480 24.08	0.0722 1.834
	F7732U F7732L	1 Pair	4	2.1631/ 2.1636 54.943/ 54.955	2.3095/ 2.3099 58.661/ 58.671	1.2590 31.98	0.0722 1.834
35 RD28 L6 172CI /2.8Liter, SOHC, 12 Valves, Diesel	06/1983-12/1999	2826 cc	85.00 X 83.00	6 cyl	Laurel, Safari		
CR6696AM STD/.25/.5/.75/1.0 ACL:6B2930 DAI:R2632A GLA:B6654SA GLY:01-4374/6 NDC:CB-1207A OEM:12111-V7200-02 VAN:VPR92739	C6696	6 Pairs		0.0000/ 1.9675 0.000/ 49.975	0.0000/ 2.0871 0.000/ 53.012	0.7874 20.00	0.0590 1.499
MB7058AM Under Development ACL:7M2394 DAI:M2632A GLA:M7481SA GLY:H1233/7 K.S:MS-1207A NDC:MS-1207A OEM:12207-V7200-04 VAN:VPM92738A	M7058U* M7058L*	6 Pairs	1-3,5-7	0.0000/ 2.1634 0.000/ 54.950	2.3099/ 0.0000 58.671/ 0.000	0.7835 19.90	0.0717 1.821
	F7058U* F7058L*	1 Pair	4	0.0000/ 2.1634 0.000/ 54.950	2.3099/ 0.0000 58.671/ 0.000	1.0610 26.95	0.0717 1.821
36 RD28-T L6 172CI /2.8Liter, SOHC, 12 Valves, Diesel Turbocharge	06/1983-12/1999	2826 cc	85.00 X 83.00	6 cyl			
CR6696AM STD/.25/.5/.75/1.0 ACL:6B2930 DAI:R2632A GLA:B6654SA GLY:01-4374/6 NDC:CB-1207A OEM:12111-V7200-02 VAN:VPR92739	C6696	6 Pairs		0.0000/ 1.9675 0.000/ 49.975	0.0000/ 2.0871 0.000/ 53.012	0.7874 20.00	0.0590 1.499
MB7058AM Under Development ACL:7M2394 DAI:M2632A GLA:M7481SA GLY:H1233/7 K.S:MS-1207A NDC:MS-1207A OEM:12207-V7200-04 VAN:VPM92738A	M7058U* M7058L*	6 Pairs	1-3,5-7	0.0000/ 2.1634 0.000/ 54.950	2.3099/ 0.0000 58.671/ 0.000	0.7835 19.90	0.0717 1.821
	F7058U* F7058L*	1 Pair	4	0.0000/ 2.1634 0.000/ 54.950	2.3099/ 0.0000 58.671/ 0.000	1.0610 26.95	0.0717 1.821
37 RB30 L6 181CI /3.0Liter, SOHC, 12 Valves, Gasoline	08/1985-08/1988	2962 cc	86.00 X 85.00	6 cyl	Skyline		
CR6676SI STD/.25/.5/.75/1.0/1.25/1.5 ACL:6B2390 CLE:CB-1591P(6) DAI:R2578A FMO:6-1845CP~ GLA:B6659SA NDC:CB-1206GP OEM:12111-0B100 OEM:12111-02P00 VAN:VPR92795	C6676	6 Pairs		0.0000/ 1.9675 0.000/ 49.975	0.0000/ 2.0871 0.000/ 53.012	0.6690 16.99	0.0594 1.509
MB7008AM STD/.25/.5/.75 ACL:7M2394 DAI:M2029A GLA:M7486SA NDC:MS-1203GP OEM:12207-19V00-04 VAN:VPM92793	M7008U M7008L	6 Pairs	1-3,5-7	2.1634/ 2.1644 54.950/ 54.976	2.3089/ 2.3094 58.646/ 58.659	0.7530 19.13	0.0720 1.829
	F7008U F7008L	1 Pair	4	2.1634/ 2.1644 54.950/ 54.976	2.3089/ 2.3094 58.646/ 58.659	1.0610 26.95	0.0720 1.829
38 VQ20DE V6 122CI /2.0Liter, DOHC, 24 Valves, Gasoline	01/1994-12/2001	1995 cc	76.00 X 73.30	6 cyl	Cefiro		

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King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
VQ25DD, VQ25DE V6 152CI /2.5Liter, DOHC, 24 Valves, Gasoline	01/1994-12/2001	2496 cc	85.00 X 73.30	6 cyl	Cefiro			
VQ30DD V6 182CI /3.0Liter, DOHC, 24 Valves, Gasoline	01/1995-12/1999	2987 cc	93.00 X 73.30	6 cyl	Cefiro			
VQ30DE V6 182CI /3.0Liter, DOHC, 24 Valves, Gasoline	01/1995-12/2001	2987 cc	93.00 X 73.30	6 cyl	Cefiro, Maxima			
VQ30DET V6 182CI /3.0Liter, DOHC, 24 Valves, Gasoline Turbocharge	01/1995-12/1999	2987 cc	93.00 X 73.30	6 cyl				
CR6752AM <i>Under Development</i> ACL: 6B2630 NDC: CB-1219GP OEM: 12111-31U10	C6752*	6 Pairs		1.7700/ 1.7706 44.958/ 44.973	1.8898/ 1.8903 48.001/ 48.014	0.6690 16.99	0.0591 1.501	
MB4058AM STD./25/.5/.75 <i>Under Development</i> ACL: 4M2633 NDC: MS-1219GP	M4058U* M4058L*	4 Pairs	1-4	2.3603/ 2.3612 59.952/ 59.974	2.5193/ 2.5203 63.990/ 64.016	0.7910 20.09	0.0791 2.009	
TW 271AM <i>Under Development</i> ACL: 2T2633 NDC: TW-1219A	W 271	2 Pairs		0.0000/ 2.6180 0.000/ 66.497	3.1300/ 0.0000 79.502/ 0.000	0.0000 0.00	0.0768 1.951	
39	SD33 L6 198CI /3.3Liter, OHV, 12 Valves, Diesel	01/1966-12/1990	3246 cc	83.00 X 100.00	6 cyl		39	
CR6651AM STD./25/.5 DAI: R3025K FMO: 6-67260CP GLA: B6588LC NDC: CB-1058 OEM: 12117-37503/2 VAN: VPR92405LC	C 472	6 Pairs		2.0831/ 2.0837 52.911/ 52.926	2.2042/ 2.2047 55.987/ 55.999	1.0240 26.01	0.0592 1.504	
MB 473AM STD./25/.5 DAI: M3025K FMO: 6790M GLA: M4263LC NDC: MS-1058 OEM: 1220761507 VAN: VPM92404LC	M 359U M 359L	4 Pairs		2.7912/ 2.7921 70.896/ 70.919	2.9520/ 2.9528 74.981/ 75.001	1.2600 32.00	0.0790 2.007	
TW 272AM CLE: TW- 230S DAI: T3020A GLA: W2214L GLY: A220/4 NDC: TW-1028GP OEM: 12280-37525-27	W 272D W 272E	2 Pairs		3.0945/ 3.1043 78.600/ 78.849	3.6831/ 3.6929 93.551/ 93.800	0.0000 0.00	0.0917 2.329	
40	SD33T L6 198CI /3.3Liter, OHV, 12 Valves, Diesel Turbocharge	01/1966-12/1990	3246 cc	83.00 X 100.00	6 cyl		40	
CR6651AM STD./25/.5 DAI: R3025K FMO: 6-67260CP GLA: B6588LC NDC: CB-1058 OEM: 12117-37503/2 VAN: VPR92405LC	C 472	6 Pairs		2.0831/ 2.0837 52.911/ 52.926	2.2042/ 2.2047 55.987/ 55.999	1.0240 26.01	0.0592 1.504	
MB 473AM STD./25/.5 DAI: M3025K FMO: 6790M GLA: M4263LC NDC: MS-1058 OEM: 1220761507 VAN: VPM92404LC	M 359U M 359L	4 Pairs		2.7912/ 2.7921 70.896/ 70.919	2.9520/ 2.9528 74.981/ 75.001	1.2600 32.00	0.0790 2.007	
TW 272AM CLE: TW- 230S DAI: T3020A GLA: W2214L GLY: A220/4 NDC: TW-1028GP OEM: 12280-37525-27	W 272D W 272E	2 Pairs		3.0945/ 3.1043 78.600/ 78.849	3.6831/ 3.6929 93.551/ 93.800	0.0000 0.00	0.0917 2.329	
41	VG30E V6 181CI /3.0Liter, SOHC, 12 Valves, vin 1,H,W, Gasoline	06/1983-12/1998	2960 cc	87.00 X 83.00	6 cyl	Fairlady Z, Cedric	41	
VG30DE V6 181CI /3.0Liter, DOHC, 24 Valves, Gasoline	04/1987-12/1997	2960 cc	87.00 X 83.00	6 cyl	Fairlady Z, Cedric			
VG30ET V6 181CI /3.0Liter, SOHC, 12 Valves, Gasoline Turbocharge	01/1984-12/1987	2960 cc	87.00 X 83.00	6 cyl	300ZX, D21			
VG30i V6 181CI /3.0Liter, SOHC, 12 Valves, Gasoline	01/1986-12/1989	2960 cc	87.00 X 83.00	6 cyl	200SX, D21, Maxima, Pathfinder, 300C, 300SX, Quest			
VG30T V6 181CI /3.0Liter, SOHC, 12 Valves, Gasoline Turbocharge	01/1984-12/1989	2960 cc	87.00 X 83.00	6 cyl	300ZX, Fairlady			
VG30DETT V6 181CI /3.0Liter, DOHC, 24 Valves, Gasoline Turbocharge	01/1990-12/1996	2960 cc	87.00 X 83.00	6 cyl	300ZX			
VG33E V6 200CI /3.3Liter, SOHC,	01/1996-	3275 cc	91.50 X 83.00	6 cyl	Frontier, Pathfinder, Quest,,			

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King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
12 Valves, vin A,E, Gasoline		12/2004		Xterra			
CR6676SI STD/.25/.5/.75/1.0/1.25/1.5 ACL:6B2390 CLE:CB-1591P(6) DAI:R2578A FMO:6-1845CP~ GLA:B6659SA NDC:CB-1206GP OEM:12111-0B100 OEM:12111-02P00 VAN:VPR92795	C6676	6 Pairs		0.0000/ 1.9675 0.000/ 49.975	0.0000/ 2.0871 0.000/ 53.012	0.6690 16.99	0.0594 1.509
MB 495AM STD/.25/.5/.75 Same as MB4071AM, but with FI STD length (28.80 mm in all undersizes). ACL:4M1951 CLE:MS-1951P FMO:7322M K.S:MS-1211GP	M 495/1U M 495/1L	1 Pair	1	0.0000/ 2.4793 0.000/ 62.974	0.0000/ 2.6249 0.000/ 66.672	0.8860 22.50	0.0720 1.829
	M 495/2U M 495/2L	2 Pairs	2-3	0.0000/ 2.4793 0.000/ 62.974	0.0000/ 2.6249 0.000/ 66.672	0.7480 19.00	0.0720 1.829
	F 495U F 495L	1 Pair	4	0.0000/ 2.4793 0.000/ 62.974	0.0000/ 2.6249 0.000/ 66.672	1.1340 28.80	0.0720 1.829
MB4071AM Flange length: STD - 28.80 mm (FI STD) 0.25 - 28.90mm (FI oversize 0.1 mm) 0.50, 0.75, 1.0 - 29.05mm (FI oversize 0.25 mm) DAI:M2078A NDC:MS-1211GP OEM:12215-F6500 OEM:12214-40V00~04	M 495/1U M 495/1L	1 Pair	1	0.0000/ 2.4793 0.000/ 62.974	0.0000/ 2.6249 0.000/ 66.672	0.8860 22.50	0.0720 1.829
	M 495/2U M 495/2L	2 Pairs	2-3	0.0000/ 2.4793 0.000/ 62.974	0.0000/ 2.6249 0.000/ 66.672	0.7480 19.00	0.0720 1.829
	F4071U F 453L	1 Pair	4	0.0000/ 2.4793 0.000/ 62.974	0.0000/ 2.6249 0.000/ 66.672	1.1340 28.80	0.0720 1.829
42	VQ35DE V6 213CI /3.5Liter, DOHC, 24 Valves, Gasoline	01/2001- 12/2007	3498 cc	95.50 X 81.40	6 cyl		42
CR6775AM STD/.25/.5/.75 Under Development NDC:CB-1223GP OEM:12111-4W000	C6775*	6 Pairs		2.0455/ 2.0461 51.956/ 51.971	2.1654/ 2.1660 55.001/ 55.016	0.6732 17.10	0.0592 1.504
MB4058AM STD/.25/.5/.75 Under Development ACL:4M2633 NDC:MS-1219GP	M4058U* M4058L*	4 Pairs	1-4	2.3603/ 2.3612 59.952/ 59.974	2.5193/ 2.5203 63.990/ 64.016	0.7910 20.09	0.0791 2.009
TW 271 AM Under Development ACL:2T2633 NDC:TW-1219A	W 271	2 Pairs		0.0000/ 2.6180 0.000/ 66.497	3.1300/ 0.0000 79.502/ 0.000	0.0000 0.00	0.0768 1.951
43	P/PF 86CI	01/1960- 12/1978	3956 cc	86.00 X 114.00	6 cyl	Patrol	43
CR6608AM .75/1.5 ACL:6B1301 CLE:CB- 811G(6) DAI:R2502K FMO:6-67010CP GLA:B6408SA NDC:CB-1001GP OEM:12111-58010 VAN:VPR91736LC	C6608	6 Pairs		2.2492/ 2.2500 57.130/ 57.150	2.3693/ 2.3700 60.180/ 60.198	1.0280 26.11	0.0593 1.506
MB 769AM 1.0/1.5 ACL:7DM1304 CLE:MS- 928AL FMO:6701M GLA:M7253M NDC:MS-1001GP OEM:12207-58010	F 769U F 769L	1 Pair	1	2.6852/ 2.6862 68.204/ 68.229	2.8740/ 2.8750 73.000/ 73.025	1.7180 43.64	0.0934 2.372
	M 769/2U M 769/2L	4 Pairs	2-3-5-6	2.7273/ 2.7283 69.273/ 69.299	2.8740/ 2.8750 73.000/ 73.025	1.0280 26.11	0.0720 1.829
	M 769/4U M 769/4L	1 Pair	4	2.7273/ 2.7283 69.273/ 69.299	2.8740/ 2.8750 73.000/ 73.025	1.6180 41.10	0.0720 1.829
	M 769/7U M 769/7L	1 Pair	7	2.7273/ 2.7283 69.273/ 69.299	2.8740/ 2.8750 73.000/ 73.025	1.9330 49.10	0.0720 1.829
44	TD42 L6 254CI /4.2Liter, SOHC, 12 Valves, Gasoline	10/1987- 12/1997	4169 cc	96.00 X 96.00	6 cyl		44
CR6698CP ACL:6B2966 DAI:R3038K GLA:B6649LC NDC:CB-1195GP OEM:12111-43G00	C4162	6 Pairs		2.2407/ 2.2412 56.914/ 56.926	2.3617/ 2.3622 59.987/ 60.000	1.0280 26.11	0.0596 1.514
MB7006CP ACL:7M2965 DAI:M2503K GLA:M7475LC NDC:MS-1195GP OEM:12207-C6000	M5029U M5029L	7 Pairs	1-7	2.7916/ 2.7921 70.907/ 70.919	2.9520/ 2.9528 74.981/ 75.001	1.0240 26.01	0.0793 2.014
TW 272AM CLE:TW- 230S DAI:T3020A GLA:W2214L GLY:A220/4	W 272D W 272E	2 Pairs		3.0945/ 3.1043 78.600/ 78.849	3.6831/ 3.6929 93.551/ 93.800	0.0000 0.00	0.0917 2.329

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King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
NDC: TW-1028GP OEM: 12280-37525-27								
45	FD42			4214 cc	4 cyl		45	
	FD46			4617 cc	4 cyl			
	FD46 -							
	FD46-T -							
	FD46-TA -							
CR4278CP								
MB5316CP		M7067*	7 Pairs		0.0000/ 3.0689 0.000/ 77.950	3.2669/ 0.0000 82.979/ 0.000	1.0630 27.00	0.0984 2.499
<i>Under Development</i> NDC: MS-2804GP OEM: 12207-0T003								
TW 274AM		W 274	2 Pairs		0.0000/ 3.5140 0.000/ 89.256	4.0870/ 0.0000 103.810/ 0.000	0.0000 0.00	0.1161 2.949
<i>Under Development</i> DAI: T3329L GLA: W2992Z NDC: TW-2800J OEM: 12280-25125-27								
46	FE6,FE6-T			6925 cc	108.00 X 126.00	6 cyl	46	
CR6742CP		C6742*	6 Pairs		0.0000/ 2.5569 0.000/ 64.945	2.7157/ 0.0000 68.979/ 0.000	1.2598 32.00	0.0787 1.999
<i>Under Development</i> DAI: R3329K GLA: B6644LC NDC: CB-2800GP OEM: 12117-25560								
MB7067CP		M7067*	7 Pairs		0.0000/ 3.0689 0.000/ 77.950	3.2669/ 0.0000 82.979/ 0.000	1.0630 27.00	0.0984 2.499
<i>Under Development</i> DAI: M3329K GLA: M7473LC NDC: MS-2800GP OEM: 12213-25500								
TW 274AM		W 274	2 Pairs		0.0000/ 3.5140 0.000/ 89.256	4.0870/ 0.0000 103.810/ 0.000	0.0000 0.00	0.1161 2.949
<i>Under Development</i> DAI: T3329L GLA: W2992Z NDC: TW-2800J OEM: 12280-25125-27								

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Engine-Code	Years	Cyl	CC	Line
CA16DE, CA16DET DOHC 16	1987	4	1597	1
CA18DE DOHC 16 Valve	1988-89	4	1809	1
SR18		4	1838	3
CA20E, CA20ET SOHC 8 Valve	1984-89	4	1974	1
SR20DE DOHC 16 Valve	1991-01	4	1998	2
SR20DE DOHC 16 valve	1991-02	4	1998	3
RB25DET DOHC Turbo	1991-	6	2498	5
RB25	8/1991-	6	2498	4
RB25DE	1993-	6	2498	4






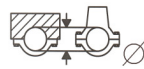


Engine-Code	Years	Cyl	CC	Line
RB25DET	1994-	6	2498	4
RB25DETr TURBO VVT	1998-	6	2498	4
RB26DETT DOHC Twin Turbo	1989-	6	2568	5
RB26DETT	8/1989-	6	2568	6
VG30DE DOHC 24 Valve	1990-96	6	2960	7
RB30	1987-91	6	2962	8
VQ35DE DOHC 24 Valve	2001-10	6	3498	9

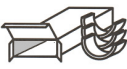




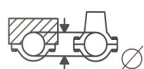


Car Model Index: NISSAN PERFORMANCE

Model	Engine	Years	Cyl	CC	Line

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	 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
1	CA16DE, CA16DET DOHC 16 Valve	1987	1597 cc	78.00 X 83.60	4 cyl			1
	CA18DE DOHC 16 Valve CA18DET SOHC 8 -1988-89	1988-89	1809 cc	83.00 X 83.60	4 cyl			
	CA20E, CA20ET SOHC 8 Valve	1984-89	1974 cc	84.50 X 88.00	4 cyl			
CR 407XP								
MB5532XP								
2	SR20DE DOHC 16 Valve	1991-01	1998 cc	86.00 X 86.00	4 cyl			2
	CR4136XP _{STD/.25/.5} <i>(17mm rod width)</i> ACL: 4B2960H	C4136/PR	4 Pairs	1-4	1.8880/ 1.8887 47.955/ 47.973	2.0079/ 2.0084 51.001/ 51.013	0.6730 17.09	0.0592 1.504
	MB5243XP _{STD/.25} ACL: 5M2964H	M5243U/PR M5243L/PR	5 Pairs	1-5	2.1636/ 2.1646 54.955/ 54.981	2.3206/ 2.3216 58.943/ 58.969	0.7520 19.10	0.0778 1.976
	TW 139AM ACL: 1T2964 FMO: 4806F NDC: TW-1213GP CLE: TW- 590S K.S: TW-1213GP OEM: 12280-60J00	W 139	1 Pair		2.4314/ 0.0000 61.758/ 0.000	0.0000/ 3.2878 0.000/ 83.510	0.0000 0.00	0.0770 1.956
3	SR18		1838 cc		4 cyl			3
	SR20DE DOHC 16 valve	1991-02	1998 cc	86.00 X 86.00	4 cyl			
	CR4136XP _{STD/.25/.5} <i>(17mm rod width)</i> ACL: 4B2960H	C4136/PR	4 Pairs	1-4	1.8880/ 1.8887 47.955/ 47.973	2.0079/ 2.0084 51.001/ 51.013	0.6730 17.09	0.0592 1.504
	MB5243XP _{STD/.25} ACL: 5M2964H	M5243U/PR M5243L/PR	5 Pairs	1-5	2.1636/ 2.1646 54.955/ 54.981	2.3206/ 2.3216 58.943/ 58.969	0.7520 19.10	0.0778 1.976
	TW 139AM ACL: 1T2964 FMO: 4806F NDC: TW-1213GP CLE: TW- 590S K.S: TW-1213GP OEM: 12280-60J00	W 139	1 Pair		2.4314/ 0.0000 61.758/ 0.000	0.0000/ 3.2878 0.000/ 83.510	0.0000 0.00	0.0770 1.956
4	RB25	8/1991-	2498 cc	86.00 X 71.70	6 cyl			4
	RB25DE	1993-	2498 cc		6 cyl			
	RB25DET	1994-1998	2498 cc	86.00 X 72.00	6 cyl			
	RB25DETTn TURBO VVT	1998-	2498 cc	86.00 X 72.00	6 cyl			
	CR6697XP _{STD/.25/.5} ACL: 6B2960H	C4136/PR	6 Pairs		1.8880/ 1.8887 47.955/ 47.973	2.0079/ 2.0084 51.001/ 51.013	0.3790 9.63	0.0592 1.504
5	RB25DET DOHC Turbo	1991-	2498 cc	86.00 X 71.70	6 cyl			5
	RB26DETT DOHC Twin Turbo	1989-	2568 cc	86.00 X 73.70	6 cyl			
	CR6697XP _{STD/.25/.5} ACL: 6B2960H	C4136/PR	6 Pairs		1.8880/ 1.8887 47.955/ 47.973	2.0079/ 2.0084 51.001/ 51.013	0.3790 9.63	0.0592 1.504
	MB7092XP _{STD/.25/.5} ACL: 7M2428H	M7092U/PR M7092L/PR	6 Pairs	1-3,5-7	2.1634/ 2.1644 54.950/ 54.976	2.3089/ 2.3094 58.646/ 58.659	0.7530 19.13	0.0719 1.826
		F7092U/PR F7092L/PR	1 Pair	4	2.1634/ 2.1644 54.950/ 54.976	2.3089/ 2.3094 58.646/ 58.659	1.0630 27.00	0.0719 1.826
6	RB26DETT	8/1989-	2568 cc	86.00 X 73.70	6 cyl			6
	CR6697XP _{STD/.25/.5} ACL: 6B2960H	C4136/PR	6 Pairs		1.8880/ 1.8887 47.955/ 47.973	2.0079/ 2.0084 51.001/ 51.013	0.3790 9.63	0.0592 1.504
	MB7092XP _{STD/.25/.5} ACL: 7M2428H	M7092U/PR M7092L/PR	6 Pairs	1-3,5-7	2.1634/ 2.1644 54.950/ 54.976	2.3089/ 2.3094 58.646/ 58.659	0.7530 19.13	0.0719 1.826
		F7092U/PR F7092L/PR	1 Pair	4	2.1634/ 2.1644 54.950/ 54.976	2.3089/ 2.3094 58.646/ 58.659	1.0630 27.00	0.0719 1.826
7	VG30DE DOHC 24 Valve VG30DETT DOHC 2-1990-96	1990-96	2960 cc	87.00 X 83.00	6 cyl			7
CR6676XP								

NISSAN PERFORMANCE						NISSAN PERFORMANCE		
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
MB 495XP								
8	RB30 RB30ET Turbo -1987-91	1987-91	2962 cc	86.00 X 85.00	6 cyl		8	
CR6676XP								
MB7008XP								
9	VQ35DE DOHC 24 Valve	2001-10	3498 cc	95.50 X 81.40	6 cyl		9	
MB4058XP								
TW 271 AM <i>Under Development</i> ACL:2T2633 NDC:TW-1219A	W 271	2 Pairs		0.0000/ 2.6180 0.000/ 66.497	3.1300/ 0.0000 79.502/ 0.000	0.0000 0.00	0.0768 1.951	

Engine Index: NORTON

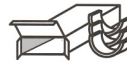




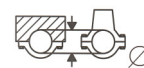


Engine-Code	Years	Cyl	CC	Line
Motor Cycles	1953-	2	250	1
Motor Cycles		2	500	1
Motor Cycles		2	600	1
Motor Cycles	1959-60	2	650	2

Engine-Code	Years	Cyl	CC	Line
Motor Cycles		2	740	2
Motor Cycles		2	830	2









Car Model Index: NORTON

Model	Engine	Years	Cyl	CC	Line
Atlas	Motor Cycles		2	740	2
Commando	Motor Cycles		2	740	2
Dominator	Motor Cycles		2	250	1

Model	Engine	Years	Cyl	CC	Line
Manxman	Motor Cycles		2	650	2

NORTON						NORTON		
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
1	Motor Cycles	1953-	250 cc	60.00 X 44.00	2 cyl	Dominator	1	
	Motor Cycles		500 cc	66.00 X 72.00	2 cyl			
	Motor Cycles		600 cc	68.00 X 82.00	2 cyl			
CR 203AM _{010/020/030/040}	C 203	2 Pairs		1.5000/ 1.5005 38.100/ 38.113	1.6045/ 1.6050 40.754/ 40.767	0.8130 20.65	0.0500 1.270	
<small>GLA: B2025M VAN: VPR57</small>								
2	Motor Cycles	1959-60	650 cc	77.00 X 89.00	2 cyl	Manxman	2	
	Motor Cycles		740 cc	60.00 X 44.00	2 cyl	Atlas, Commando		
	Motor Cycles		830 cc	60.00 X 44.00	2 cyl			

CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

NORTON				NORTON			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
CR 202AM STD/010/020/030/040 GLA:B2101LC VAN:VPR53	C 202U C 202L	2 Pairs		1.7505/ 1.7600 44.463/ 44.704	1.8950/ 1.8955 48.133/ 48.146	0.8050 20.45	0.0720 1.829

Engine Index: O.M.

Engine-Code	Years	Cyl	CC	Line
8140.61 Diesel		4	2445	1
8035.02 Diesel		3	2592	5
8035.05 Diesel		3	2700	6
8035.06 Diesel		3	2930	6
804A/401 ,8040 Diesel		4	3117	5
8040.02/8045.02 Diesel		4	3455	5
8040.05/8045.05 Diesel		4	3611	6
8040.04 Diesel		4	3666	5
CN3 Diesel		3	3700	2
CO/C01D/1K/D40 Diesel		4	3770	6
8040.06 Diesel		4	3900	6
50.CO1D Diesel 55.CO1K/1/2/3		4	4156	6
C02D/C02D/1 Diesel		4	4397	6
C03D/20 Diesel		4	4561	6
C03/020/021 D Diesel		4	4562	3
8340.04 Diesel		4	4570	4
C03/100/70/41/2 Diesel		4	4939	3

Engine-Code	Years	Cyl	CC	Line
8060/8065 Diesel		6	5181	5
8060.05/8065.25 Diesel		6	5400	6
C03 130 TD Diesel		4	5400	4
8340.05 Diesel		4	5401	4
8060.04 Diesel		6	5499	5
8060.06 Diesel		6	5900	6
8360.04 Diesel		6	6850	8
CP3 Diesel		6	7409	7
8360.03 Diesel		6	8102	8
8360.05 Diesel		6	8102	8
8200.03/13 D Diesel		6	10308	9
8210.02/12 D Diesel		6	13798	10
8210.22 Diesel		6	13798	10
8280.01 Diesel V8		8	17174	11
8280.02 Diesel V8		8	17174	12
8280.22 Diesel V8		8	17174	13

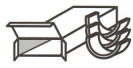




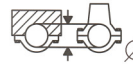


Car Model Index: O.M.

Model	Engine	Years	Cyl	CC	Line
100	8060/8065 Diesel	1967-	6	5181	5
100, C, L, N, NC	CP3 Diesel		6	7409	7
100.13, 109.14 III	8060.04 Diesel		6	5499	5
110, P, R, NR, NC, PC	8060/8065 Diesel	1967-	6	5181	5
110.14, 110.14 (4x4)	8060.04 Diesel		6	5499	5
110.14, 120.14, 130.14,	8360.04 Diesel		6	6850	8
115.14, 120.13 I	8060.04 Diesel		6	5499	5
115.14, 135.14 II,	8060.05/8065.25	1983-	6	5400	6
115.14, 135.14 II,	8060.06 Diesel	1983-	6	5900	6
120 C, L, N, T	CP3 Diesel		6	7409	7
120.17H	8360.05 Diesel		6	8102	8
130, R, T, A, I, NT	CP3 Diesel		6	7409	7
135.14 I	8060.04 Diesel		6	5499	5
150 NC 17	8360.03 Diesel		6	8102	8
150.17	8360.05 Diesel		6	8102	8
159 NC 17	8360.03 Diesel		6	8102	8
159.17	8360.05 Diesel		6	8102	8
160 NC, NT	8200.03/13 D		6	10308	9
160.26,170.26,170NC26	8210.02/12 D		6	13798	10
170.33	8280.01 Diesel V8	1975-	8	17174	11
170NC35, 170NT35	8280.02 Diesel V8		8	17174	12
190.26,190NC26,190PC	8210.02/12 D		6	13798	10
190.30,190.30G.V.,190.	8210.22 Diesel		6	13798	10
190.30N,190.32G.V.,19	8210.22 Diesel		6	13798	10

Model	Engine	Years	Cyl	CC	Line
190.33	8280.01 Diesel V8	1975-	8	17174	11
190.38, 190.38 TRU	8280.22 Diesel V8		8	17174	13
190.42 Turbostar	8280.22 Diesel V8		8	17174	13
190PAC/PAT26,190.26	8210.02/12 D		6	13798	10
20, 25, 30 Lupetto	C03/020/021 D		4	4562	3
220.35 T	8280.02 Diesel V8		8	17174	12
220.38, 220.38 TRU	8280.22 Diesel V8		8	17174	13
240.30,240.30TRU,260.	8210.22 Diesel		6	13798	10
240.38, 240.38 TRU	8280.22 Diesel V8		8	17174	13
260.26H/HT,300PC/PT,	8210.02/12 D		6	13798	10
320.45 PTM	8280.02 Diesel V8		8	17174	12
329 Bus	C03/100/70/41/2		4	4939	3
330.30H/HT,330PC/PT3	8210.22 Diesel		6	13798	10
330.35 PC (6x4)	8280.02 Diesel V8		8	17174	12
330.35PT	8280.02 Diesel V8		8	17174	12
35 Leoncino	C03/020/021 D		4	4562	3
35, 40 Tractors	CO/C01D/1K/D40		4	3770	6
40 NC, 50 NC, 55 NC	8040.05/8045.05		4	3611	6
40, 40/35	8040.02/8045.02		4	3455	5
40/35 NC	8040.02/8045.02		4	3455	5
40/45 Daino	C03/020/021 D		4	4562	3
40NC, 50 NC, 55 NC	8040.06 Diesel		4	3900	6
45 C, 45 R	50.CO1D Diesel		4	4156	6
4x4 C,M5K Tigrotto	C03/100/70/41/2		4	4939	3

Model	Engine	Years	Cyl	CC	Line
50, 55, 60, 65, 70, 7580,	C03/100/70/41/2		4	4939	3
50, 55, 65 Tigrotto	C03/100/70/41/2		4	4939	3
50.8, 55.8	8040.04 Diesel		4	3666	5
50.8, 55.8, 60.8	8040.05/8045.05		4	3611	6
50.8, 55.8, 60.8	8040.06 Diesel		4	3900	6
50.9, 50.10	8340.04 Diesel		4	4570	4
50NC, 55NC	8040.02/8045.02		4	3455	5
55.9, 55.10	8340.04 Diesel		4	4570	4
60.10, 65.10	8340.04 Diesel		4	4570	4
60.8, 65 PC	8040.04 Diesel		4	3666	5
619NI/NIP,619TI/TIP,69	8210.02/12 D		6	13798	10
65 PC	8040.05/8045.05		4	3611	6
65 PC	8040.06 Diesel		4	3900	6
650, 655 C, 555	CN3 Diesel		3	3700	2
65PC	8040.02/8045.02		4	3455	5
697T/TP,AP160.24,370	8210.02/12 D		6	13798	10
70.10, 75.10	8340.04 Diesel		4	4570	4
750, 850, 805C	C03/100/70/41/2		4	4939	3
75P (4x4)	8060/8065 Diesel	1967-	6	5181	5
79.10	8340.04 Diesel		4	4570	4
79.13, 79.14 III	8060.04 Diesel		6	5499	5
79.14,95.14IV,80.14,90.	8060.05/8065.25	1983-	6	5400	6
79.14,95.14IV,80.14,90.	8060.06 Diesel	1983-	6	5900	6
80 C, 90 C	C03 130 TD Diesel	1979-	4	5400	4
80.13, 80.14 III	8060.04 Diesel		6	5499	5
80NC, 90NC, 100NC,	8060.05/8065.25	1983-	6	5400	6
80NC, 90NC, 100NC,	8060.06 Diesel	1983-	6	5900	6
90.13, 95.14 III	8060.04 Diesel		6	5499	5
90P (4x4)	8060/8065 Diesel	1967-	6	5181	5
A55.10, A60.10	8340.04 Diesel		4	4570	4
A70.12	8340.05 Diesel		4	5401	4
AD5 Bulldozer	CN3 Diesel		3	3700	2
Cerbiatto 4.4 Lt	C02D/C02D/1		4	4397	6
D I 120 Fork Lift	CP3 Diesel		6	7409	7

Model	Engine	Years	Cyl	CC	Line
D I 65 Fork Lift	C03/100/70/41/2		4	4939	3
DI 15, 20, 25 Forklift	8035.02 Diesel		3	2592	5
DI 15, 20, 25 Forklift	8035.05 Diesel	1983-	3	2700	6
DI 15, 20, 25 Forklift	8035.06 Diesel	1983-	3	2930	6
DI 30, DI 40	CN3 Diesel		3	3700	2
DI 30.35 Fork Lift	8040.02/8045.02		4	3455	5
DI 30/35	8040.02/8045.02		4	3455	5
DIM 20, 25 Forklift	8035.02 Diesel		3	2592	5
DIM 20, 25 Forklift	8035.06 Diesel		3	2930	6
DIM 30.35 Fork Lift	8040.02/8045.02		4	3455	5
DIM 30/35	8040.02/8045.02		4	3455	5
Daino 4.4 Lt.	C02D/C02D/1		4	4397	6
FR 9 Earth Moving	C03/100/70/41/2		4	4939	3
Grinta Van 30, 32, 35,	8140.61 Diesel		4	2445	1
Grinta Van 35.10 Turbo	8140.61 Diesel		4	2445	1
Grinta Van 45.10 Turbo	8140.61 Diesel		4	2445	1
Grinta Van 49.10 Turbo	8140.61 Diesel		4	2445	1
Leoncino 3.8Lt	CO/C01D/1K/D40		4	3770	6
Leoncino 4.4 Lt.	C02D/C02D/1		4	4397	6
Lupetto 3.8Lt	CO/C01D/1K/D40		4	3770	6
Lupetto 4.2 Lt.	50.CO1D Diesel		4	4156	6
M4 Tigrotto	C03D/20 Diesel		4	4561	6
M4L/55 Tigrotto	C03D/20 Diesel		4	4561	6
M5L Tigrotto	C03D/20 Diesel		4	4561	6
M5L/55 Tigrotto	C03D/20 Diesel		4	4561	6
N,L, 20 Cerbiatto	C03/020/021 D		4	4562	3
Orsetto 15	804A/.401 ,8040		4	3117	5
Orsetto 15/1	8040.02/8045.02		4	3455	5
Orsetto 616	8040.02/8045.02		4	3455	5
Orsetto N/L	804A/.401 ,8040		4	3117	5
Tigrotto 4.4 Lt.	C02D/C02D/1		4	4397	6






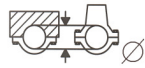


O.M.				O.M.				
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
1	8140.61 Diesel		2445 cc	93.00 X 90.00	4 cyl	Grinta Van 30, 32, 35, 40-8, Grinta Van 35.10 Turbo, Grinta Van 45.10 Turbo, Grinta Van 49.10 Turbo	1	
CR4073CP ^{STD/010/020/030/040/050/060} <i>Central oil hole</i> - 1982 CLE:CB-1149P (4) FMO:4-66575CP GLA:B4721LB GLY:71-4185/4 K.S:77 155 600 OEM:1901926 VAN:VPR91914	C4073U C4160L	4 Pairs		2.2252/ 2.2258 56.520/ 56.535	2.3753/ 2.3758 60.333/ 60.345	0.9724 24.70	0.0743 1.887	
CR4083CP ^{STD/010/020/030/040} <i>Plain halves</i> 1982 - CLE:CB-1163P (4) FMO:4-1870CP GLA:B4122LB GLY:71-4310/4 VAN:VPR91915	C4083U C4161L	4 Pairs		2.2252/ 2.2258 56.520/ 56.535	2.3753/ 2.3758 60.333/ 60.345	0.9724 24.70	0.0743 1.887	
MB5122CP ^{STD/010/020/030/040} CLE:MS-1451P FMO:6564M GLA:M5389LB GLY:H1049/5 K.S:77 154 600 VAN:VPM91664	M5122U M5122L F5122U F5122L	4 Pairs 1 Pair	1-2-3-4 5	2.9995/ 3.0000 76.187/ 76.200 2.9995/ 3.0000 76.187/ 76.200	3.1727/ 3.1735 80.587/ 80.607 3.1727/ 3.1735 80.587/ 80.607	0.9843 25.00 1.2578 31.95	0.0860 2.184 0.0860 2.184	

O.M.				O.M.			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
2	CN3 Diesel	3700 cc	110.00 X 130.00	3 cyl	650, 655 C, 555, AD5 Bulldozer, DI 30, DI 40		2
CR 155CP STD/010/020/030/040/050 GLA: B1131LB GLY: 71-4212 OEM: 1901614 VAN: VPR91989	C4031	1 Pair		2.7505/ 2.7510 69.863/ 69.875	2.9020/ 2.9027 73.711/ 73.729	1.4370 36.50	0.0740 1.880
CR 317CP Same as CR 155CP, but pack in 3 Pairs. FMO: 3-60115CP	C4031	3 Pairs		2.7505/ 2.7510 69.863/ 69.875	2.9020/ 2.9027 73.711/ 73.729	1.4370 36.50	0.0740 1.880
3	C03/020/021 D Diesel	4562 cc	110.00 X 120.00	4 cyl	20, 25, 30 Lupetto, 35 Leoncino, 40/45 Daino, N,L, 20 Cerbiatto		3
	C03/100/70/41/2 Diesel	4939 cc	110.00 X 130.00	4 cyl	329 Bus, 4x4 C, M5K Tigrotto, 50, 55, 60, 65, 70, 7580, 90, 50, 55, 65 Tigrotto, 750, 850, 805C, D I 65 Fork Lift, FR 9 Earth Moving		
CR 155CP STD/010/020/030/040/050 GLA: B1131LB GLY: 71-4212 OEM: 1901614 VAN: VPR91989	C4031	1 Pair		2.7505/ 2.7510 69.863/ 69.875	2.9020/ 2.9027 73.711/ 73.729	1.4370 36.50	0.0740 1.880
CR4031CP STD/010/020/030/040 Same as CR 155CP, but pack in 4 Pairs. FMO: 4-60115CP GLA: B1131LB VAN: VPR352	C4031	4 Pairs		2.7505/ 2.7510 69.863/ 69.875	2.9020/ 2.9027 73.711/ 73.729	1.4370 36.50	0.0740 1.880
CS 313BB CLE: SH-1311S FMO: 1425M GLA: C3073SA							
MB5571CP STD/010/020/030/040 FMO: 6560M GLA: M5344LB GLY: H1175/5 VAN: VPM91408	M5571/1	3 Pairs	1-3-5	3.0000/ 3.0007 76.200/ 76.218	3.1742/ 3.1750 80.625/ 80.645	1.5940 40.49	0.0860 2.184
	M5571/2	2 Pairs	2-4	3.0000/ 3.0007 76.200/ 76.218	3.1742/ 3.1750 80.625/ 80.645	1.2000 30.48	0.0860 2.184
4	8340.04 Diesel	4570 cc	115.00 X 110.00	4 cyl	50.9, 50.10, 55.9, 55.10, 60.10, 65.10, 70.10, 75.10, 79.10, A55.10, A60.10		4
	C03 130 TD Diesel	5400 cc	115.00 X 130.00	4 cyl	80 C, 90 C		
	8340.05 Diesel	5401 cc	115.00 X 130.00	4 cyl	A70.12		
CR1213CP - 1982 CLE: CB-1187P(1) GLA: B1132LB GLY: 71-4227 OEM: 1901619 VAN: VPR91974	C1213	1 Pair		2.8536/ 2.8543 72.481/ 72.499	3.0195/ 3.0202 76.695/ 76.713	1.3752 34.93	0.0815 2.070
CR1214CP 1982- CLE: CB-1174P(1) GLA: B1133LB GLY: 71-4390 OEM: 1901993 VAN: VPR91988	C1214	1 Pair		2.8536/ 2.8543 72.481/ 72.499	3.0195/ 3.0202 76.695/ 76.713	1.3752 34.93	0.0810 2.057
MB5649CP STD/010/020/030/040 GLA: M5513LB GLY: H1048/5 OEM: 1901827 VAN: VPM91858	M7742/1U M7742/1L	3 Pairs	1-3-5	3.1410/ 3.1417 79.781/ 79.799	3.3152/ 3.3160 84.206/ 84.226	1.6728 42.49	0.0858 2.179
	M7742/2U M7742/2L	2 Pairs	2-4	3.1410/ 3.1417 79.781/ 79.799	3.3152/ 3.3160 84.206/ 84.226	1.2791 32.49	0.0858 2.179
TW 235AM FMO: 1011BF GLY: A169/4 VAN: VPW95075	W 235D W 235E	2 Pairs		3.4555/ 3.4657 87.770/ 88.029	4.3902/ 4.4002 111.511/ 111.765	0.0000 0.00	0.1346 3.419
5	8035.02 Diesel	2592 cc	100.00 X 110.00	3 cyl	DI 15, 20, 25 Forklift, DIM 20, 25 Forklift		5
	804A/.401 ,8040 Diesel	3117 cc	95.00 X 110.00	4 cyl	Orsetto 15, Orsetto N/L		
	8040.02/8045.02 Diesel	3455 cc	100.00 X 110.00	4 cyl	40, 40/35, 40/35 NC, 50NC, 55NC, 65PC, DI 30.35 Fork Lift, DI 30/35, DIM 30,35 Fork Lift, DIM 30/35, Orsetto		

O.M.				O.M.				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
8040.04 Diesel		3666 cc	103.00 X 110.00	4 cyl	15/1, Orsetto 616 50.8, 55.8, 60.8, 65 PC			
8060/8065 Diesel 8060.02 - 8060.12 -		5181 cc	100.00 X 110.00	6 cyl	100, 110, P, R, NR, NC, PC, 75P (4x4), 90P (4x4)			
8060.04 Diesel		5499 cc	103.00 X 110.00	6 cyl	100.13, 109.14 III, 110.14, 110.14 (4x4), 115.14, 120.13 I, 135.14 I, 79.13, 79.14 III, 80.13, 80.14 III, 90.13, 95.14 III			
CR1209CP STD/010/020/030/040 CLE:CB-1155P(1) FMO:66630CP GLY:71-4229 VAN:VPR91809	C1209	1 Pair		2.3122/ 2.3127 58.730/ 58.743	2.4570/ 2.4575 62.408/ 62.421	1.1299 28.70	0.0720 1.829	
MB 172CP STD/010/020/030/040 <i>Upper half with full annular groove and slot, lower half plain.</i> FMO:66631CPA GLY:72-4547 OEM:1901803 VAN:VPM91810	M5122U M 172L	1 Pair		2.9995/ 3.0000 76.187/ 76.200	3.1727/ 3.1735 80.587/ 80.607	0.9843 25.00	0.0860 2.184	
TW 255AM 645691- CLE:TW- 334S FMO:60076AFF GLY:A193/4 VAN:VPR95076	W 255D W 255E	1 Pair		3.3500/ 3.3598 85.090/ 85.339	4.1988/ 4.2047 106.650/106.799	0.0000 0.00	0.1350 3.429	
6	8035.05 Diesel	2700 cc	100.00 X 115.00	3 cyl	DI 15, 20, 25 Forklift			6
	8035.06 Diesel	2930 cc	104.00 X 115.00	3 cyl	DI 15, 20, 25 Forklift, DIM 20, 25 Forklift			
	8040.05/8045.05 Diesel	3611 cc	100.00 X 115.00	4 cyl	40 NC, 50 NC, 55 NC, 50.8, 55.8, 60.8, 65 PC			
	CO/C01D/1K/D40 Diesel	3770 cc	100.00 X 120.00	4 cyl	35, 40 Tractors, Leoncino 3.8Lt, Lupetto 3.8Lt			
	8040.06 Diesel	3900 cc	104.00 X 115.00	4 cyl	40NC, 50 NC, 55 NC, 50.8, 55.8, 60.8, 65 PC			
	50.CO1D Diesel 55.CO1K/1/2/3	4156 cc	105.00 X 120.00	4 cyl	45 C, 45 R, Lupetto 4.2 Lt.			
	C02D/C02D/1 Diesel	4397 cc	108.00 X 120.00	4 cyl	Cerbiatto 4.4 Lt, Daino 4.4 Lt., Leoncino 4.4 Lt., Tigrotto 4.4 Lt.			
	C03D/20 Diesel	4561 cc	110.00 X 120.00	4 cyl	M4 Tigrotto, M4L/55 Tigrotto, M5L Tigrotto, M5L/55 Tigrotto			
	8060.05/8065.25 Diesel	5400 cc	100.00 X 115.00	6 cyl	115.14, 135.14 II, A135.14 II, 79.14,95.14IV,80.14,90.14 Zeta, 80NC, 90NC, 100NC, 110 NC			
	8060.06 Diesel	5900 cc	104.00 X 115.00	6 cyl	115.14, 135.14 II, A135.14 II, 79.14,95.14IV,80.14,90.14 Zeta, 80NC, 90NC, 100NC, 110 NC			
CR 183CP STD/010/020/030/040 CLE:CB-1296P(1) FMO:1010CP GLY:71-4104 OEM:1930181 VAN:VPR91975	C 183	1 Pair		2.5089/ 2.5096 63.726/ 63.744	2.6538/ 2.6544 67.407/ 67.422	1.1300 28.70	0.0715 1.816	
CR 332CP <i>Same as CR 183CP, but pack in 3 Pairs.</i>	C 183	3 Pairs		2.5089/ 2.5096 63.726/ 63.744	2.6538/ 2.6544 67.407/ 67.422	1.1300 28.70	0.0715 1.816	
CR 677CP STD/010/020/030/040 <i>Same as CR 183CP, but pack in 6 Pairs.</i>	C 183	6 Pairs		2.5089/ 2.5096 63.726/ 63.744	2.6538/ 2.6544 67.407/ 67.422	1.1300 28.70	0.0715 1.816	
CR4203CP STD/010/020 <i>Same as CR 183CP, but pack in 4 Pairs.</i>	C 183	4 Pairs		2.5089/ 2.5096 63.726/ 63.744	2.6538/ 2.6544 67.407/ 67.422	1.1300 28.70	0.0715 1.816	

O.M.				O.M.			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
MB 147CP STD/010/020/030/040/050 FMO:1011CP GLA:M1073LB GLY:72-4546 OEM:1930176 VAN:VPM91976	M 147U M 147L	1 Pair		3.1414/ 3.1421 79.792/ 79.809	3.3150/ 3.3160 84.201/ 84.226	0.9840 24.99	0.0858 2.179
MB4088CP Same as MB 147CP, but pack in 4 Pairs.	M 147U M 147L	4 Pairs		3.1414/ 3.1421 79.792/ 79.809	3.3150/ 3.3160 84.201/ 84.226	0.9840 24.99	0.0858 2.179
MB5075CP STD/010/020 Same as MB 147CP, but pack in 5 Pairs.	M 147U M 147L	5 Pairs		3.1414/ 3.1421 79.792/ 79.809	3.3150/ 3.3160 84.201/ 84.226	0.9840 24.99	0.0858 2.179
MB7045CP STD/010/020/030/040 Same as MB 147CP, but pack in 7 Pairs.	M 147U M 147L	7 Pairs		3.1414/ 3.1421 79.792/ 79.809	3.3150/ 3.3160 84.201/ 84.226	0.9840 24.99	0.0858 2.179
TW 235AM FMO:1011BF GLY:A169/4 VAN:VPM95075	W 235D W 235E	2 Pairs		3.4555/ 3.4657 87.770/ 88.029	4.3902/ 4.4002 111.511/111.765	0.0000 0.00	0.1346 3.419
7	CP3 Diesel		7409 cc	110.00 X 130.00	6 cyl	100, C, L, N, NC, 120 C, L, N, T, 130, R, T, A, I, NT, D I 120 Fork Lift	7
CR 155CP STD/010/020/030/040/050 GLA:B1131LB GLY:71-4212 OEM:1901614 VAN:VPR91989	C4031	1 Pair		2.7505/ 2.7510 69.863/ 69.875	2.9020/ 2.9027 73.711/ 73.729	1.4370 36.50	0.0740 1.880
CR6693CP STD Same as CR 155CP, but pack in 6 Pairs. FMO:6-60115CP	C4031	6 Pairs		2.7505/ 2.7510 69.863/ 69.875	2.9020/ 2.9027 73.711/ 73.729	1.4370 36.50	0.0740 1.880
CS 313BB CLE:SH-1311S FMO:1425M GLA:C3073SA							
MB7007CP STD/010/020/030/040 FMO:6409M GLY:H1175/7 VAN:VPM91322	M5571/1 M5571/2	3 Pairs 4 Pairs	1-4-7 2-3-5-6	3.0000/ 3.0007 76.200/ 76.218 3.0000/ 3.0007 76.200/ 76.218	3.1742/ 3.1750 80.625/ 80.645 3.1742/ 3.1750 80.625/ 80.645	1.5940 40.49 1.2000 30.48	0.0860 2.184 0.0860 2.184
8	8360.04 Diesel		6850 cc	115.00 X 110.00	6 cyl	110.14, 120.14, 130.14, 140.14	8
	8360.05 Diesel		8102 cc	115.00 X 130.00	6 cyl	120.17H, 150.17, 159.17	
	8360.03 Diesel		8102 cc	115.00 X 130.00	6 cyl	150 NC 17, 159 NC 17	
CR1213CP - 1982 CLE:CB-1187P(1) GLA:B1132LB GLY:71-4227 OEM:1901619 VAN:VPR91974	C1213	1 Pair		2.8536/ 2.8543 72.481/ 72.499	3.0195/ 3.0202 76.695/ 76.713	1.3752 34.93	0.0815 2.070
CR1214CP 1982- CLE:CB-1174P(1) GLA:B1133LB GLY:71-4390 OEM:1901993 VAN:VPR91988	C1214	1 Pair		2.8536/ 2.8543 72.481/ 72.499	3.0195/ 3.0202 76.695/ 76.713	1.3752 34.93	0.0810 2.057
MB7742CP STD/010/020/030 GLA:M7436LB GLY:H1048/7 OEM:1901832 VAN:VPM91859	M7742/1U M7742/1L M7742/2U M7742/2L	3 Pairs 4 Pairs	1-4-7 2-3-5-6	3.1410/ 3.1417 79.781/ 79.799 3.1410/ 3.1417 79.781/ 79.799	3.3152/ 3.3160 84.206/ 84.226 3.3152/ 3.3160 84.206/ 84.226	1.6732 42.50 1.2795 32.50	0.0860 2.184 0.0860 2.184
TW 235AM FMO:1011BF GLY:A169/4 VAN:VPM95075	W 235D W 235E	2 Pairs		3.4555/ 3.4657 87.770/ 88.029	4.3902/ 4.4002 111.511/111.765	0.0000 0.00	0.1346 3.419
9	8200.03/13 D Diesel		10308 cc	125.00 X 140.00	6 cyl	160 NC, NT	9
CR1319CP STD/010/020/030/040 1 pair version of CR6763CP GLY:66515CP (1)	C6763	1 Pair		2.9508/ 2.9516 74.950/ 74.971	3.0986/ 3.0993 78.704/ 78.722	1.3346 33.90	0.0720 1.829
CR6763CP	C6763	6 Pairs		2.9508/ 2.9516 74.950/ 74.971	3.0986/ 3.0993 78.704/ 78.722	1.3346 33.90	0.0720 1.829

O.M.				O.M.				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
GLA:B6523LB VAN:VPR91738	GLY:6-66515CP							
MB7088CP <i>Under Development</i> GLA:M7252LB VAN:VPM91739	M7088/1U* M7088/1L*	1 Pair	1	3.6245/ 3.6255 92.062/ 92.088	3.8025/ 3.8030 96.584/ 96.596	1.4701 37.34	0.0862 2.189	
	M7088/2U* M7088/2L*	4 Pairs	2-3-5-6	3.6245/ 3.6255 92.062/ 92.088	3.8025/ 3.8030 96.584/ 96.596	1.2898 32.76	0.0862 2.189	
	M7088/4U* M7088/4L*	1 Pair	4	3.6245/ 3.6255 92.062/ 92.088	3.8025/ 3.8030 96.584/ 96.596	2.3398 59.43	0.0862 2.189	
	M7088/7U* M7088/1L*	1 Pair	7	3.6245/ 3.6255 92.062/ 92.088	3.8025/ 3.8030 96.584/ 96.596	1.4701 37.34	0.0862 2.189	
TW 240CP VAN:VPW95033								
10	8210.02/12 D Diesel		13798 cc	137.00 X 156.00	6 cyl	160.26,170.26,170NC26,1800NC, 190.26,190NC26,190PC/PT26,, 190PAC/PAT26,190.26N/N T,240.26, 260.26H/HT,300PC/PT,330PC/PT26, 619NI/NIP,619TI/TIP,690N4,691N, 697T/TP,AP160.24,370L,370525L,	10	
	8210.22 Diesel		13798 cc	137.00 X 156.00	6 cyl	190.30,190.30G.V.,190.30H/HT,, 190.30N,190.32G.V.,190.33TS,, 240.30,240.30TRU,260.30TRU, 330.30H/HT,330PC/PT30		
CR6633CP _{STD/010/020/030} <i>-184187</i> <i>With oil hole.</i> CLE:CB-1195P(6) FMO:6-66520CP GLA:B6607LB GLY:71-4385/6 VAN:VPR91740	C6633	6 Pairs		3.3351/ 3.3360 84.712/ 84.734	3.4835/ 3.4844 88.481/ 88.504	1.6240 41.25	0.0720 1.829	
CR6721CP _{STD/010/020} <i>184187 -</i> <i>Plain halves.</i> CLE:CB-1337P(6) FMO:6-1675CP GLA:B6626LB GLY:71-4215/6 VAN:VPR91970	C6721	6 Pairs		3.3351/ 3.3360 84.712/ 84.734	3.4835/ 3.4844 88.481/ 88.504	1.5846 40.25	0.0720 1.829	
MB 791CP _{STD/010/020/030} FMO:6549M GLY:H1047/7 VAN:VPM91741	M 791/4U M 791/4L	1 Pair	4	4.0503/ 4.0512 102.878/102.900	4.2510/ 4.2520 107.975/108.001	2.1250 53.98	0.0982 2.494	
	M 791/2U M 791/2L	4 Pairs	2-3-5-6	4.0503/ 4.0512 102.878/102.900	4.2510/ 4.2520 107.975/108.001	1.3710 34.82	0.0982 2.494	
	M 791/7U M 791/1L	1 Pair	7	4.0503/ 4.0512 102.878/102.900	4.2510/ 4.2520 107.975/108.001	1.4730 37.41	0.0982 2.494	
	M 791/1U M 791/1L	1 Pair	1	4.0503/ 4.0512 102.878/102.900	4.2510/ 4.2520 107.975/108.001	1.4730 37.41	0.0982 2.494	
11	8280.01 Diesel V8		17174 cc	145.00 X 130.00	8 cyl	170.33, 190.33	11	
CR1210CP <i>Under Development</i> <i>-060538</i> FMO:66495CP VAN:VPR91972	CR 860*	1 Pair		3.6582/ 3.6591 92.918/ 92.941	3.8563/ 3.8572 97.950/ 97.973	1.3689 34.77	0.0972 2.469	
MB 177CP <i>Under Development</i> GLA:M1091LB VAN:VPM91987	M5015U* M5015L*	1 Pair		4.3293/ 4.3301 109.964/109.985	4.6457/ 4.6465 118.001/118.021	1.5965 40.55	0.1560 3.962	

O.M.				O.M.			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
12	8280.02 Diesel V8		17174 cc	145.00 X 130.00	8 cyl	170NC35, 170NT35, 220.35 T, 320.45 PTM, 330.35 PC (6x4), 330.35PT	12
CR1210CP <i>Under Development</i> -060538 FMO:66495CP VAN:VPR91972	CR 860*	1 Pair		3.6582/ 3.6591 92.918/ 92.941	3.8563/ 3.8572 97.950/ 97.973	1.3689 34.77	0.0972 2.469
CR1211CP <i>Under Development</i> 060539-076964 1983- GLA:B1126 VAN:VPR91983	CR 876	1 Pair		3.7094/ 3.7103 94.219/ 94.242	3.8563/ 3.8572 97.950/ 97.973	1.3295 33.77	0.0716 1.819
CR1212CP 076965- GLA:B1149 GLY:71-4108 VAN:VPR92328	C 877	1 Pair		3.7094/ 3.7103 94.219/ 94.242	3.8563/ 3.8572 97.950/ 97.973	1.3295 33.77	0.0716 1.819
MB 177CP <i>Under Development</i> -060538 GLA:M1091LB VAN:VPM91987	M5015U* M5015L*	1 Pair		4.3293/ 4.3301 109.964/109.985	4.6457/ 4.6465 118.001/118.021	1.5965 40.55	0.1560 3.962
MB 178CP 060539- GLA:M1095LB GLY:72-4548 VAN:VPM91980	M5016U M5016L	1 Pair		4.4478/ 4.4486 112.974/112.994	4.6457/ 4.6465 118.001/118.021	1.5965 40.55	0.0972 2.469
13	8280.22 Diesel V8		17174 cc	145.00 X 130.00	8 cyl	190.38, 190.38 TRU, 190.42 Turbostar, 220.38, 220.38 TRU, 240.38, 240.38 TRU	13
CR1211CP <i>Under Development</i> 060539-076964 1983- GLA:B1126 VAN:VPR91983	CR 876	1 Pair		3.7094/ 3.7103 94.219/ 94.242	3.8563/ 3.8572 97.950/ 97.973	1.3295 33.77	0.0716 1.819
CR1212CP 076965- GLA:B1149 GLY:71-4108 VAN:VPR92328	C 877	1 Pair		3.7094/ 3.7103 94.219/ 94.242	3.8563/ 3.8572 97.950/ 97.973	1.3295 33.77	0.0716 1.819
MB 178CP GLA:M1095LB GLY:72-4548 VAN:VPM91980	M5016U M5016L	1 Pair		4.4478/ 4.4486 112.974/112.994	4.6457/ 4.6465 118.001/118.021	1.5965 40.55	0.0972 2.469

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Engine-Code	Years	Cyl	CC	Line
X 10 XE, Z 10 XE L3 59CI	03/1993-	3	973	1
10 N/S L4 61CI /1.0Liter, OHV, 8	09/1962-	4	993	2
11 N/S L4 66CI /1.0Liter, 8	09/1965-	4	1077	2
12 S/SC/N/NC, E 12 GV L4 73CI	09/1979-	4	1195	2
12 NZ, C 12 NZ, X 12 SZ L4 73CI	05/1983-	4	1196	5
12 ST/NV L4 73CI /1.2Liter,	09/1982-	4	1196	5
X 12 XE (ECOTEC) L4 73CI	03/1993-	4	1199	3
Z 12 XE (ECOTEC) L4 73CI	02/1998-	4	1199	3
Z13DT/DTH/DTJ L4 76CI	03/1994-	4	1248	4
13 N/NB/S/SB L4 79CI /1.3Liter,	03/1975-	4	1296	5
14 SE/NV, X 14 NZ/SZ, C 14	09/1982-	4	1389	5
X 14 XE(ECOTEC), Z 14 XE, C	03/1991-	4	1389	5
15 D (4EC1) L4 91CI /1.5Liter,	09/1982-	4	1488	6
15 DT (T4EC1) L4 91CI /1.5Liter,	09/1982-	4	1488	7
1.5 L4 91CI /1.5Liter, SOHC, 8	08/1966-	4	1492	17
16 N (CIH) L4 97CI /1.6Liter, CIH,	03/1975-	4	1584	17

Engine-Code	Years	Cyl	CC	Line
16 N/SH L4 98CI /1.6Liter,	03/1975-	4	1598	11
16 LZ2/NZR/SV, C 16	09/1981-	4	1598	8
C 16 SEL/XE, X 16 XE/XEL, Y 16	03/1991-	4	1598	8
Z 16 LEL/LER L4 98CI /1.6Liter,	07/2006-	4	1598	8
Z 16 YNG L4 98CI /1.6Liter,	11/1998-	4	1598	8
16 D/DA L4 98CI /1.6Liter,	09/1979-	4	1598	15
X 17 D(4EE1) L4 103CI /1.7Liter,	03/1993-	4	1686	9
X 17 DT(TC4EE1) L4 103CI	04/1988-	4	1686	9
Z 17 DTH/DTL (1.7 CDTI Ecotec)	02/1998-	4	1686	9
17 N/S L4 104CI /1.7Liter,	01/1963-	4	1698	17
X 17 DTL L4 104CI /1.7Liter,	01/1991-	4	1700	10
17 D/DR L4 104CI /1.7Liter,	09/1984-	4	1700	15
18 N/E/S/SE, C 18 NZ L4 110CI	08/1977-	4	1795	11
18 NV/SV/SEH L4 110CI	09/1986-	4	1796	12
X 18 XE (ECOTEC) L4 110CI	03/1991-	4	1799	12
19 S/N/SH (CIH) L4 116CI	01/1965-	4	1896	17

Engine-Code	Years	Cyl	CC	Line
19 E L4 116CI /1.9Liter, CIH, 8	09/1970-	4	1897	17
Z 19 DTH L4 117CI /1.9Liter,	01/2000-	4	1910	13
Z 19 DTJ L4 117CI /1.9Liter,	01/2004-	4	1910	13
20 E/S/N (CIH) L4 121CI	03/1975-	4	1978	17
20 E L4 121CI /2.0Liter, CIH, 8	10/1978-	4	1979	15
X 20 DTH/DTL, Y 20 DTH/DTL	12/1993-	4	1995	16
M9R 780 L4 122CI /2.0Liter,	08/2001-	4	1995	14
20 D L4 122CI /2.0Liter, CIH, 8	01/1972-	4	1997	20
C 20 NE L4 122CI SOHC/OHC, 8	09/1981-	4	1998	15
C 20 XE, X 20 XEV (ECOTEC)	09/1984-	4	1998	15
21 D L4 126CI /2.1Liter, CIH, 8	01/1972-	4	2067	20
X 22 DTH, Y 22 DTH/DTR L4	12/1993-	4	2172	16
22 E (CIH) L4 134CI /2.2Liter,	02/1978-	4	2197	17
X 22 XE (ECOTEC) L4 134CI	03/1992-	4	2198	18
Z 22 SE (ECOTEC) L4 134CI	08/1995-	4	2198	19
23 D, 23 TD/DTR L4 138CI	02/1978-	4	2259	20

Engine-Code	Years	Cyl	CC	Line
C 24 NE L4 147CI /2.4Liter,	09/1986-	4	2410	21
25 E L6 152CI /2.5Liter, CIH, 12	02/1978-	6	2490	25
25 NE L6 152CI /2.5Liter,	09/1987-	6	2490	25
M51 D25 L4 BMW 152CI	12/1987-	6	2497	22
Y 25 DT L6 152CI /2.5Liter,	03/1994-	6	2497	22
X 25 TD L6 152CI /2.5Liter,	-	6	2498	22
C 25 XE, X 25 XE (ECOTEC) V6	09/1988-	6	2498	23
C 26 NE L6 158CI /2.6Liter,	09/1986-	6	2594	25
28 E L6 170CI /2.8Liter, CIH,	03/1969-	6	2784	25
28 S/H L6 170CI /2.8Liter, CIH,	04/1964-	6	2784	25
X 30 XE (ECOTEC) V6 181CI	03/1994-	6	2962	24
30 E L6 181CI /3.0Liter, CIH, 12	02/1978-	6	2969	25
C 30 LE L6 181CI /3.0Liter, 12	02/1978-	6	2969	25
C 30 NE L6 181CI /3.0Liter,	09/1986-	6	2969	26
C 30 SE L6 181CI /3.0Liter,	09/1986-	6	2969	26

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Model	Engine	Years	Cyl	CC	Line
ASTARA 1.9 CDTI 16V	Z 19 DTH L4 117CI	2004-	4	1910	13
ASTARA 1.9 CDTI 16V	Z 19 DTJ L4 117CI	2004-	4	1910	13
Agila CDTI 16V	Z13DT/DTH/DTJ	09/2003-	4	1248	4
Ascona	19 S/N/SH (CIH) L4	1965-	4	1896	17
Ascona/Rekord 2.0 D	20 D L4 122CI	1974-	4	1997	20
Astra, Omega,	X 20 DTH/DTL, Y	1997-	4	1995	16
Astra/Astra	X 14 XE (ECOTEC),	1995-	4	1389	5
Astra/Combo/Corsa/Vec	X 17 D (4EE1) L4	1990-	4	1686	9
Astra/Corsa/Kadett/Com	14 SE/NV, X 14	1990-	4	1389	5
Blitz	19 S/N/SH (CIH) L4	1965-	4	1896	17
Cadett 1.5 D	15 D (4EC1) L4	1987-	4	1488	6
Combo CDTI 16V	Z13DT/DTH/DTJ	11/2004-	4	1248	4
Commodore, Kapitan, Ad	28 S/H L6 170CI	1965-	6	2784	25
Commodore, Senator, Bli	25 E L6 152CI	1967-	6	2490	25
Corsa 1.2i	12 NZ, C 12 NZ, X	1993-	4	1196	5
Corsa 1.5 TD	15 DT (T4EC1) L4	1988-	4	1488	7
Corsa A	12 ST/NV L4 73CI	1985-	4	1196	5
Corsa B 1.2 16V	X 12 XE (ECOTEC)		4	1199	3
Corsa C 1.2 16V	Z 12 XE (ECOTEC)		4	1199	3
Corsa CDTI 16V	Z13DT/DTH/DTJ	09/2003-	4	1248	4
Corsa Eco 1.5 D	15 D (4EC1) L4	1987-	4	1488	6
Corsa, Kadett, Ascona,	12 S/SC/N/NC, E	1971-	4	1195	2
Corsa, Kadett	10 N/S L4 61CI	1962-	4	993	2
Corsa, Kadett, Astra	13 N/NB/S/SB L4	1979-	4	1296	5
Frontera, Sintra 2.2 TDI	X 22 DTH, Y 22	1998-	4	2172	16
Kadett	11 N/S L4 66CI	1965-	4	1077	2
Kadett 1.5 TD	15 DT (T4EC1) L4	1988-	4	1488	7
Kadett, Ascona	16 N/SH L4 98CI	1987-	4	1598	11
Kadett, Ascona, Astra, Re	18 N/E/S/SE, C 18	1982-	4	1795	11

Model	Engine	Years	Cyl	CC	Line
Kadett, Ascona, Manta	16 N (CIH) L4 97CI	1970-	4	1584	17
Kadett, Ascona, Rekord,	20 E/S/N (CIH) L4	1977-	4	1978	17
Kadett, Olympia, Ascona,	19 S/N/SH (CIH) L4	1965-	4	1896	17
Kadett, Olympia, Rekord	17 N/S L4 104CI	1965-	4	1698	17
Manta	19 S/N/SH (CIH) L4	1965-	4	1896	17
Nova 1.5 TD	15 DT (T4EC1) L4	09/89 -	4	1488	7
Omega	X 30 XE (ECOTEC)		6	2962	24
Omega 2.5 TD	M51 D25 L4 BMW		6	2497	22
Omega 2.5 TD	X 25 TD L6 152CI	1994-	6	2498	22
Omega Break	X 30 XE (ECOTEC)		6	2962	24
Omega, Omega Break	C 25 XE, X 25 XE		6	2498	23
Omega, Senator	C 26 NE L6 158CI	1990-	6	2594	25
Omega, Senator, Monza	30 E L6 181CI	1985-	6	2969	25
Record	1.5 L4 91CI	1965-	4	1492	17
Record	19 S/N/SH (CIH) L4	1965-	4	1896	17
Rekord, Senator, Monza	22 E (CIH) L4	1984-	4	2197	17
Rekord/Blitz-transporter	21 D L4 126CI	1972-	4	2067	20
Rekord/Omega/Senator/	23 D, 23 TD/DTR	1978-93	4	2259	20
Signum 1.9 CDTI 16V	Z 19 DTH L4 117CI	2004-	4	1910	13
Sintra	X 30 XE (ECOTEC)		6	2962	24
Tigra CDTI 16V	Z13DT/DTH/DTJ	2006-	4	1248	4
Transporter	19 S/N/SH (CIH) L4	1965-	4	1896	17
VECTRA 1.9 CDTI 16V	Z 19 DTH L4 117CI	2004-	4	1910	13
VECTRA 1.9 CDTI 16V	Z 19 DTJ L4 117CI	2004-	4	1910	13
VIVARO 2.0 DCI DI TD	M9R 780 L4 122CI		4	1995	14
Vectra, Vectra Break	C 25 XE, X 25 XE		6	2498	23

OPEL				OPEL			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	X 10 XE, Z 10 XE L3 59CI	03/1993-03/2008	973 cc	72.50 X 78.60	3 cyl		1

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CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

OPEL				OPEL			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
/1.0Liter, DOHC, 12 Valves, Gasoline							
CR 343CP STD/.25/.5/.75/1.0 GLA:B6440LC GLY:01-4872/3 K.S:77 335 600	C4388	3 Pairs		1.6918/ 1.6924 42.972/ 42.987	1.8110/ 1.8114 45.999/ 46.010	0.5190 13.18	0.0590 1.499
MB4108AM STD/.25/.5/.75/1.0 Flange length: STD - 22.90mm (FI STD), 0.25 - 23.10mm (FI oversize 0.2mm), 0.5 - 23.30mm (FI oversize 0.4mm) GLY:H1295/4 K.S:77 336 600	M5422	3 Pairs		1.9678/ 1.9683 49.982/ 49.995	2.1260/ 2.1264 54.000/ 54.011	0.6730 17.09	0.0780 1.981
	F5422	1 Pair		1.9678/ 1.9683 49.982/ 49.995	2.1260/ 2.1264 54.000/ 54.011	0.9010 22.89	0.0780 1.981
2	10 N/S L4 61CI /1.0Liter, OHV, 8 Valves, Diesel	09/1962- 03/1993	993 cc	72.00 X 61.00	4 cyl	Corsa,Kadett	2
	11 N/S L4 66CI /1.0Liter, 8 Valves, Gasoline	09/1965- 08/1973	1077 cc	75.00 X 61.00	4 cyl	Kadett	
	12 S/SC/N/NC, E 12 GV L4 73CI /1.2Liter, OHV, 8 Valves, Gasoline	09/1979- 03/1993	1195 cc	79.00 X 61.00	4 cyl	Corsa, Kadett, Ascona, Manta	
CR 444AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:4B1371 CLE:CB- 719AL(4) FMO:4-60240CP GLA:B4415SA GLY:71-2195/4 K.S:87 993 600 VAN:VPR91136	C 444	4 Pairs		1.7705/ 1.7711 44.971/ 44.986	1.8898/ 1.8902 48.001/ 48.011	0.7560 19.20	0.0588 1.494
MB 335AM STD/.25/.5/.75/1.0/1.25/1.5 CLE:MS- 793AL FMO:4391M GLA:M3327SA GLY:H 634/3 K.S:87 994 600 VAN:VPM91137	M 335/1U M 335/1L	1 Pair	1	2.1255/ 2.1260 53.988/ 54.000	2.2835/ 2.2840 58.001/ 58.014	0.9840 24.99	0.0781 1.984
	M 335/3U M 335/3L	1 Pair	3	2.1255/ 2.1260 53.988/ 54.000	2.2835/ 2.2840 58.001/ 58.014	0.8860 22.50	0.0781 1.984
	F 335	1 Pair	2	2.1255/ 2.1260 53.988/ 54.000	2.2835/ 2.2840 58.001/ 58.014	1.1380 28.91	0.0781 1.984
3	X 12 XE (ECOTEC) L4 73CI /1.2Liter, DOHC, 1 Valves, Gasoline	03/1993- 07/2009	1199 cc	72.50 X 72.60	4 cyl	Corsa B 1.2 16V	3
	Z 12 XE (ECOTEC) L4 73CI /1.2Liter, DOHC, 16 Valves, Gasoline	02/1998- 07/2009	1199 cc	72.50 X 72.60	4 cyl	Corsa C 1.2 16V	
CR4388CP STD/.25/.5/.75/1.0/1.25/1.5 GLY:01-4872/4 K.S:77 557 600	C4388	4 Pairs		1.6918/ 1.6924 42.972/ 42.987	1.8110/ 1.8114 45.999/ 46.010	0.5190 13.18	0.0590 1.499
MB5422AM STD/.25/.5/.75/1.0 Flange length: STD - 22.90mm (FI STD), 0.25 - 23.10mm (FI oversize 0.2mm), 0.5 - 23.30mm (FI oversize 0.4mm) GLY:H1295/5 K.S:77 558 600	M5422	4 Pairs		1.9678/ 1.9683 49.982/ 49.995	2.1260/ 2.1264 54.000/ 54.011	0.6730 17.09	0.0780 1.981
	F5422	1 Pair		1.9678/ 1.9683 49.982/ 49.995	2.1260/ 2.1264 54.000/ 54.011	0.9010 22.89	0.0780 1.981
4	Z13DT/DTH/DTJ L4 76CI /1.3Liter, DOHC, 16 Valves, Diesel Turbocharge	03/1994- 06/2010	1248 cc	69.60 X 82.00	4 cyl	Agila CDTI 16V, Combo CDTI 16V, Corsa CDTI 16V, Tigra CDTI 16V	4
CR4377CA STD/010/020/030/040 GLY:71-4033/4	C4377U C4377L	4 Pairs		1.6764/ 1.6772 42.581/ 42.601	1.8005/ 1.8009 45.733/ 45.743	0.7870 19.99	0.0610 1.549
MB5414SI STD GLY:H1011/5	M5414U M5414L	4 Pairs	1,2,4,5	2.0072/ 2.0079 50.983/ 51.001	2.1539/ 2.1544 54.709/ 54.722	0.7480 19.00	0.0726 1.844
	F5414 M5414U	1 Pair	3	2.0072/ 2.0079 50.983/ 51.001	2.1539/ 2.1544 54.709/ 54.722	0.9430 23.95	0.0726 1.844
5	12 NZ, C 12 NZ, X 12 SZ L4 73CI /1.2Liter, SOHC/OHC, 8 Valves, Gasoline	05/1983- 10/2001	1196 cc	72.00 X 73.40	4 cyl	Corsa 1.2i	5
	12 ST/NV L4 73CI /1.2Liter, SOHC/OHC, 8 Valves, Gasoline	09/1982- 03/1993	1196 cc	77.80 X 62.90	4 cyl	Corsa A	
	13 N/NB/S/SB L4 79CI /1.3Liter, SOHC/OHC, 8 Valves, Gasoline	03/1975- 10/1994	1296 cc	75.00 X 73.40	4 cyl	Corsa,Kadett,Astra	
	14 SE/NV, X 14 NZ/SZ, C 14 SE/NZ L4 85CI /1.4Liter,	09/1982- 05/2005	1389 cc	77.60 X 73.40	4 cyl	Astra/Corsa/Kadett/Combo 1.4i	

OPEL				OPEL				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
SOHC/OHC, 8 Valves, Gasoline X 14 XE(ECOTEC), Z 14 XE, C 14 SEL L4 85Cl /1.4Liter, DOHC, 16 Valves, Diesel		03/1991- 07/2009	1389 cc	77.60 X 73.40	4 cyl	Astra/Astra Cabrio/Corsa/		
CR 418AM STD/.25/.5/.75/1.0/1.25/1.5 <i>With oil hole.</i> ACL: 4B1350 CLE: CB-1451AL (4) FMO: 4-4210CP GLA: B4679SA GLY: 71-3639/4 K.S: ~87 409 600 NDC: CB-3017 OEM: 962320715 VAN: VPR92494A	C 418	4 Pairs		1.6918/ 1.6924 42.972/ 42.987	1.8110/ 1.8115 45.999/ 46.012	0.6550 16.64	0.0589 1.496	
CR4147AM STD/.25/.5/.75/1.0 <i>Plain halves.</i> <i>Similar to CR418AM without oil hole.</i> CLE: CB-1172AL (4) GLA: B4601SA GLY: 71-3504/4 K.S: 87 409 600 VAN: VPR91933A	C4147	4 Pairs		1.6918/ 1.6924 42.972/ 42.987	1.8110/ 1.8115 45.999/ 46.012	0.6550 16.64	0.0589 1.496	
MB5519AM STD/.25/.5/.75/1.0/1.25/1.5 ACL: 5M1801 CLE: MS-1545P FMO: 7218M GLA: M5380SA GLY: H 975/5 K.S: 87 410 600 NDC: MS-3017 OEM: S122-0012 VAN: VPM91934A	M5519	4 Pairs	1-2-4-5	2.1643/ 2.1648 54.973/ 54.986	2.3228/ 2.3233 58.999/ 59.012	0.7700 19.56	0.0784 1.991	
	F5519	1 Pair	3	2.1643/ 2.1648 54.973/ 54.986	2.3228/ 2.3233 58.999/ 59.012	1.0200 25.91	0.0784 1.991	
6	15 D (4EC1) L4 91Cl /1.5Liter, SOHC/OHC, 8 Valves, Diesel	09/1982- 09/2000	1488 cc	76.00 X 82.00	4 cyl	Cadett 1.5 D, Corsa Eco 1.5 D		6
CR4207SI STD/.25/.5/.75/1.0/1.25/1.5 ACL: 4B1816 CLE: NON TURBO ONLY DAI: R4540A FMO: 4-4250RA/4280RA GLA: B4774SA GLY: 01-4361/4 NDC: CB-1624A OEM: 8-94151-604~606-0VAN: VPR92634A	C4207	4 Pairs		1.8085/ 1.8093 45.936/ 45.956	1.9282/ 1.9291 48.976/ 48.999	0.6575 16.70	0.0591 1.501	
MB5078SI STD/.25/.5/.75/1.0/1.25/1.5 DAI: M4541A FMO: 7235M GLA: M5567SA GLY: H1127/5 NDC: MS-1625 OEM: 8-94154-014~017-0VAN: VPM92862LC	M5078U M5078L	5 Pairs	1-5	2.0440/ 2.0448 51.918/ 51.938	2.2038/ 2.2047 55.977/ 55.999	0.6083 15.45	0.0791 2.009	
MB5078SI STD/.25/.5/.75/1.0/1.25/1.5 DAI: M4541A FMO: 7235M GLA: M5567SA GLY: H1127/5 NDC: MS-1625 OEM: 8-94154-014~017-0VAN: VPM92862LC	M5078U M5078L	5 Pairs	1-5	2.0440/ 2.0448 51.918/ 51.938	2.2038/ 2.2047 55.977/ 55.999	0.6083 15.45	0.0791 2.009	
7	15 DT (T4EC1) L4 91Cl /1.5Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	09/1982- 09/2000	1488 cc	76.00 X 82.00	4 cyl	Corsa 1.5 TD, Kadett 1.5 TD, Nova 1.5 TD		7
CR4207XA STD/.25/.5/.75/1.0/1.25/1.5 ACL: 4B1816 DAI: R4540A FMO: 4-4285RA GLA: B4774SA NDC: CB-1624A OEM: 8-94151-604~606-0VAN: VPR92634A	C4207U C4207	4 Pairs		1.8085/ 1.8093 45.936/ 45.956	1.9282/ 1.9291 48.976/ 48.999	0.6575 16.70	0.0591 1.501	
MB5078SI STD/.25/.5/.75/1.0/1.25/1.5 DAI: M4541A FMO: 7235M GLA: M5567SA GLY: H1127/5 NDC: MS-1625 OEM: 8-94154-014~017-0VAN: VPM92862LC	M5078U M5078L	5 Pairs	1-5	2.0440/ 2.0448 51.918/ 51.938	2.2038/ 2.2047 55.977/ 55.999	0.6083 15.45	0.0791 2.009	
8	Z 16 YNG L4 98Cl /1.6Liter, DOHC, 16 Valves, Bi-Fuel 16 LZ2/NZR/SV, C 16 LZ2/NZ/NZ2 L4 98Cl /1.6Liter, SOHC/OHC, 8 Valves, Gasoline C 16 SEL/XE, X 16 XE/XEL, Y 16 XE, Z 16 XE/XEP/XER L4 98Cl /1.6Liter, DOHC, 16 Valves, Gasoline Z 16 LEL/LER L4 98Cl /1.6Liter, DOHC, 16 Valves, Gasoline Turbocharge	11/1998- 08/2005 09/1981- 07/2003 03/1991- 06/2010 07/2006-	1598 cc	79.00 X 81.50	4 cyl			8

OPEL					OPEL			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
CR 418AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:4B1350 CLE:CB-1451AL(4) FMO:4-4210CP GLA:B4679SA GLY:71-3639/4 K.S.:~87 409 600 NDC:CB-3017 OEM:962320715 VAN:VPR92494A	C 418	4 Pairs		1.6918/ 1.6924 42.972/ 42.987	1.8110/ 1.8115 45.999/ 46.012	0.6550 16.64	0.0589 1.496	
CR 418CP STD/.25 <i>Same bearing as CR418AM. Only difference is the material (tri metal copper-lead). Produced on demand only.</i>	C 418	4 Pairs		1.6918/ 1.6924 42.972/ 42.987	1.8110/ 1.8115 45.999/ 46.012	0.6535 16.60	0.0589 1.496	
MB5519AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:5M1801 CLE:MS-1545P FMO:7218M GLA:M5380SA GLY:H 975/5 K.S.:87 410 600 NDC:MS-3017 OEM:S122-0012 VAN:VPM91934A	M5519 F5519	4 Pairs 1 Pair	1-2-4-5 3	2.1643/ 2.1648 54.973/ 54.986 2.1643/ 2.1648 54.973/ 54.986	2.3228/ 2.3233 58.999/ 59.012 2.3228/ 2.3233 58.999/ 59.012	0.7700 19.56 1.0200 25.91	0.0784 1.991 0.0784 1.991	
9	X 17 D(4EE1) L4 103CI /1.7Liter, SOHC/OHC, 8 Valves, Diesel	03/1993-10/2001	1686 cc	79.00 X 86.00	4 cyl	Astra/Combo/Corsa/Vectra	9	
	Z 17 DTH/DTL (1.7 CDTI Ecotec) L4 103CI /1.7Liter, DOHC, 16 Valves, Diesel Turbocharge	02/1998-07/2009	1686 cc	79.00 X 86.00	4 cyl			
	X 17 DT(TC4EE1) L4 103CI /1.7Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	04/1988-07/2003	1686 cc	79.00 X 86.00	4 cyl			
CR4207XA STD/.25/.5/.75/1.0/1.25/1.5 ACL:4B1816 DAI:R4540A FMO:4-4285RA GLA:B4774SA NDC:CB-1624A OEM:8-94151-604-606-0VAN:VPR92634A	C4207U C4207	4 Pairs		1.8085/ 1.8093 45.936/ 45.956	1.9282/ 1.9291 48.976/ 48.999	0.6575 16.70	0.0591 1.501	
MB5078S STD/.25/.5/.75/1.0/1.25/1.5 DAI:M4541A FMO:7235M GLA:M5567SA GLY:H1127/5 NDC:MS-1625 OEM:8-94154-014-017-0VAN:VPM92862LC	M5078U M5078L	5 Pairs	1-5	2.0440/ 2.0448 51.918/ 51.938	2.2038/ 2.2047 55.977/ 55.999	0.6083 15.45	0.0791 2.009	
TW 142AM ACL:1T1867 CLE:TW-595S DAI:T4544A FMO:4456F GLA:W2416SA GLY:A261/2 NDC:TW-1626A OEM:8-94321-679-0 VAN:VPM95300A	W 142	1 Pair		2.3130/ 2.3228 58.750/ 58.999	2.9016/ 2.9114 73.701/ 73.950	0.0000 0.00	0.0870 2.210	
10	X 17 DTL L4 104CI /1.7Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	01/1991-07/2009	1700 cc	82.50 X 79.50	4 cyl		10	
CR4145XA STD/.25/.5/.75/1.0 <i>For Turbo-Diesel . Different wall thickness.</i> GLY:71-3821/4 K.S.:77 274 600-	C4145U C4156L	4 Pairs		1.9280/ 1.9286 48.971/ 48.986	2.0472/ 2.0477 51.999/ 52.012	0.7598 19.30	0.0594 1.509	
MB5247AM STD/.25/.5/.75 <i>Eng. 1.7 Turbo -Diesel</i> ACL:5M2325 GLY:H 059/5 K.S.:77 533 600	M5247 F5247	4 Pairs 1 Pair	1-2-4-5 3	2.2828/ 2.2833 57.983/ 57.996 2.2828/ 2.2833 57.983/ 57.996	2.4409/ 2.4415 61.999/ 62.014 2.4409/ 2.4415 61.999/ 62.014	0.7677 19.50 1.0197 25.90	0.0788 2.002 0.0788 2.002	
11	16 N/SH L4 98CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	03/1975-12/1991	1598 cc	80.00 X 79.50	4 cyl	Kadett,Ascona	11	
	18 N/E/S/SE, C 18 NZ L4 110CI /1.8Liter, SOHC/OHC, 8 Valves, Gasoline	08/1977-03/2001	1795 cc	84.80 X 79.50	4 cyl	Kadett,Ascona,Astra,Rekord		
CR 421AM STD/.25/.5/.75/1.0/1.25/1.5 <i>SUPERSEDED BY CR4106AM</i> <i>Old Model, Upper half - with one 4.0 mm oil hole at 44 degrees from the center line . instead use CR4106 wich feet both Old and New model</i> ACL:4B2326 CLE:CB-1175AL(4) FMO:4-68140CP GLY:71-3531/4 K.S.:87 392 600 NDC:CB-3020	C 421U C 421L	4 Pairs		1.9280/ 1.9286 48.971/ 48.986	2.0472/ 2.0477 51.999/ 52.012	0.7600 19.30	0.0589 1.496	
CR4017AM STD/.25/.5/.75/1.0/1.25/1.5 <i>Late model, Upper half - with one 4.0 mm hole at</i>	C4017 C 421L	4 Pairs		1.9280/ 1.9286 48.971/ 48.986	2.0472/ 2.0477 51.999/ 52.012	0.7600 19.30	0.0589 1.496	






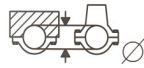


OPEL					OPEL			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
<p>12 degrees from the center line (or crown), lower half - plain. ACL: 4B1408 ~ CLE: CB-1408AL (4) FMO: 4-1490CP GLA: B4673LC GLY: 71-3626/4 K.S: 87 391 600 VAN: VPR92123LC</p>								
CR4106AM STD/.25/.5/.75/1.0/1.25/1.5 2 oil holes in upper half, . The set can be used for both Old and Late model	C4106U C 421L	4 Pairs		1.9280/ 1.9286 48.971/ 48.986	2.0472/ 2.0477 51.999/ 52.012	0.7600 19.30	0.0589 1.496	
MB5179AM STD/.25/.5/.75/1.0 Same as MB5520AM, but with flange STD length: 25.91 mm in all undersizes	M5520 F5179	4 Pairs 1 Pair	1-2-4-5 3	2.2828/ 2.2833 57.983/ 57.996 2.2828/ 2.2833 57.983/ 57.996	2.4410/ 2.4415 62.001/ 62.014 2.4410/ 2.4415 62.001/ 62.014	0.7680 19.51 1.0200 25.91	0.0785 1.994 0.0785 1.994	
MB5520AM STD/.25/.5/.75/1.0/1.25/1.5 This set includes 2 flanged full grooved halves . Flange length: STD - 25.91 mm (FI STD) 0.25 - 26.11mm (FI oversize 0.2 mm), 0.5 - 26.31mm (FI oversize 0.4 mm), 0.75 - 26.51mm (FI oversize 0.6 mm), 1.0, 1.5 - 26.71mm (FI oversize 0.8mm).	M5520 F5520	4 Pairs 1 Pair	1-2-4-5 3	2.2828/ 2.2833 57.983/ 57.996 2.2828/ 2.2833 57.983/ 57.996	2.4410/ 2.4415 62.001/ 62.014 2.4410/ 2.4415 62.001/ 62.014	0.7680 19.51 1.0200 25.91	0.0785 1.994 0.0785 1.994	
12	18 NV/SV/SEH L4 110CI /1.8Liter, SOHC/OHC, 8 Valves, Gasoline	09/1986- 11/1995	1796 cc	84.80 X 79.50	4 cyl		12	
	X 18 XE (ECOTEC) L4 110CI /1.8Liter, DOHC, 16 Valves, Gasoline	03/1991- 03/2002	1799 cc	81.60 X 86.00	4 cyl			
CR4017AM STD/.25/.5/.75/1.0/1.25/1.5 Late model, Upper half - with one 4.0 mm hole at 12 degrees from the center line (or crown), lower half - plain.	C4017 C 421L	4 Pairs		1.9280/ 1.9286 48.971/ 48.986	2.0472/ 2.0477 51.999/ 52.012	0.7600 19.30	0.0589 1.496	
MB5179AM STD/.25/.5/.75/1.0 Same as MB55201M, but with flange STD length: 25.91 mm in all undersizes								
MB5520AM STD/.25/.5/.75/1.0/1.25/1.5 This set includes 2 flanged full grooved halves. Flange length: STD - 25.91mm (FI STD), 0.25 - 26.11mm (FI oversize 0.2mm), 0.5 - 26.31mm (FI oversize 0.4mm), 0.75 - 26.51mm (FI oversize 0.6mm), 1.0, 1.5 - 26.71mm (FI oversize 0.8mm).	M5520 F5520	4 Pairs 1 Pair	1-2-4-5 3	2.2828/ 2.2833 57.983/ 57.996 2.2828/ 2.2833 57.983/ 57.996	2.4410/ 2.4415 62.001/ 62.014 2.4410/ 2.4415 62.001/ 62.014	0.7680 19.51 1.0200 25.91	0.0785 1.994 0.0785 1.994	
13	Z 19 DTH L4 117CI /1.9Liter, DOHC, 16 Valves, Diesel Turbocharge 939A1.000 - Z 19 DTH -	01/2000- 05/2009	1910 cc	82.00 X 90.40	4 cyl	ASTARA 1.9 CDTI 16V, Signum 1.9 CDTI 16V, VECTRA 1.9 CDTI 16V	13	
	Z 19 DTJ L4 117CI /1.9Liter, DOHC, 16 Valves, Diesel Turbocharge	01/2004- 05/2009	1910 cc	82.00 X 90.40	4 cyl	ASTARA 1.9 CDTI 16V, VECTRA 1.9 CDTI 16V		
CR4531SX STD/010/020/030/040/050/060/.25/.5/ SUPERSEDED BY CR4531SX	C4171	4 Pairs	1-4	1.9995/ 2.0002 50.787/ 50.805	2.1221/ 2.1226 53.901/ 53.914	0.7677 19.50	0.0604 1.534	
GLY: 71-3994								
MB5644SI STD/010/020/030/040	M 607	5 Pairs		2.3615/ 2.3622	2.5081/ 2.5086	0.8130	0.0726	

OPEL					OPEL			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
GLY:H1000/5 TW1005AM STD GLY:A191/2	VAN:VPM05054A M5644 W1005	1 Pair		59.982/ 60.000 2.6687/ 2.6787 67.785/ 68.039	63.706/ 63.718 3.2451/ 3.2550 82.426/ 82.677	20.65 0.0000 0.00	1.844 0.0978 2.484	
14	M9R 780 L4 122CI /2.0Liter, DOHC, 16 Valves, Diesel Turbocharge	08/2001-	1995 cc	84.00 X 90.00	4 cyl	VIVARO 2.0 DCI DI TD DOHC 16V	14	
CR4517XA STD/.25/.5/.75/1.0 K.S:77 867 600 OEM:93161641	C4517U C4517L	4 Pairs		2.0466/ 2.0472 51.984/ 51.999	2.1889/ 2.1897 55.598/ 55.618	0.7173 18.22	0.0696 1.768	
MB5648S STD/.25/.5 GLY:H1243/5 OEM:93198478	M5648U M5648L	5 Halves 5 Halves		2.2041/ 2.2049 55.984/ 56.004 2.2041/ 2.2049 55.984/ 56.004	2.3621/ 2.3626 59.997/ 60.010 2.3621/ 2.3626 59.997/ 60.010	0.6692 17.00 0.7625 19.37	0.0783 1.989 0.0783 1.989	
TW 199AM STD <i>Under Development</i> GLY:A273/2	W 199	1 Pair		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 3.3070 0.000/ 83.998	0.0000 0.00	0.1059 2.690	
15	16 D/DA L4 98CI /1.6Liter, SOHC/OHC, 8 Valves, Diesel	09/1979- 10/1994	1598 cc	80.00 X 79.50	4 cyl		15	
	17 D/DR L4 104CI /1.7Liter, SOHC/OHC, 8 Valves, Diesel	09/1984- 09/1998	1700 cc	82.50 X 79.50	4 cyl			
	20 E L4 121CI /2.0Liter, CIH, 8 Valves, Gasoline	10/1978- 08/1988	1979 cc	95.00 X 69.80	4 cyl			
	C 20 NE L4 122CI SOHC/OHC, 8 Valves, Gasoline	09/1981- 03/2001	1998 cc	86.00 X 86.00	4 cyl			
	C 20 XE, X 20 XEV (ECOTEC) L4 122CI /2.0Liter, DOHC, 16 Valves, Gasoline	09/1984- 07/2009	1998 cc	86.00 X 86.00	4 cyl			
CR4017AM STD/.25/.5/.75/1.0/1.25/1.5 <i>Late model, Upper half - with one 4.0 mm hole at 12 degrees from the center line (or crown), lower half - plain.</i> ACL:4B1408 ~ FMO:4-1490CP GLY:71-3626/4 VAN:VPR92123LC	C4017 C 421L	4 Pairs		1.9280/ 1.9286 48.971/ 48.986	2.0472/ 2.0477 51.999/ 52.012	0.7600 19.30	0.0589 1.496	
CR4210AM STD/.25/.5/.75 CLE:CB-1521P(4) GLA:B4684LC GLY:71-3764/4 VAN:VPR92496LC	C4210U C4210L	4 Pairs		1.9280/ 1.9286 48.971/ 48.986	2.0472/ 2.0477 51.999/ 52.012	0.7992 20.30	0.0589 1.496	
MB5179AM STD/.25/.5/.75/1.0 <i>Same as MB55201M, but with flange STD length: 25.91 mm in all undersizes</i> ACL:5M2329 FMO:7108M								
MB5520AM STD/.25/.5/.75/1.0/1.25/1.5 <i>This set includes 2 flanged full grooved halves. Flange length: STD - 25.91mm (FI STD), 0.25 - 26.11mm (FI oversize 0.2mm), 0.5 - 26.31mm (FI oversize 0.4mm), 0.75 - 26.51mm (FI oversize 0.6mm), 1.0, 1.5 - 26.71mm (FI oversize 0.8mm).</i> ACL:5M2327 FMO:6831M GLY:H 982/5 NDC:MS-3020 VAN:VPM91936LC	M5520 F5520	4 Pairs 1 Pair	1-2-4-5 3	2.2828/ 2.2833 57.983/ 57.996 2.2828/ 2.2833 57.983/ 57.996	2.4410/ 2.4415 62.001/ 62.014 2.4410/ 2.4415 62.001/ 62.014	0.7680 19.51 1.0200 25.91	0.0785 1.994 0.0785 1.994	
16	X 20 DTH/DTL, Y 20 DTH/DTL L4 122CI /2.0Liter, SOHC/OHC, 16 Valves, Diesel Turbocharge	12/1993- 07/2009	1995 cc	84.00 X 90.00	4 cyl	Astra, Omega, Vectra, Zafira 2.0	16	
	X 22 DTH, Y 22 DTH/DTR L4 133CI /2.2Liter, SOHC/OHC, 16 Valves, Diesel Turbocharge	12/1993- 10/2008	2172 cc	84.00 X 98.00	4 cyl	Frontera, Sintra 2.2 TDI 16 V		
CR4213CA GLY:71-3870/4 VAN:VPR04032SP	C4213U C4213L	4 Pairs		1.9280/ 1.9287 48.971/ 48.989	2.0472/ 2.0477 51.999/ 52.012	0.7933 20.15	0.0591 1.501	
MB5084AM	M5084U	4 Pairs		2.6764/ 2.6770 67.981/ 67.996	2.8346/ 2.8352 71.999/ 72.014	0.7677 19.50	0.0785 1.994	

OPEL					OPEL			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
GLY:H 077/5 VAN:VPM05023A	M5084L F5084U F5084L	1 Pair		2.6764/ 2.6770 67.981/ 67.996	2.8346/ 2.8352 71.999/ 72.014	1.0197 25.90	0.0785 1.994	
17	1.5 L4 91CI /1.5Liter, SOHC, 8 Valves, Gasoline	08/1966-12/1971	1492 cc	82.50 X 69.80	4 cyl	Record	17	
	16 N (CIH) L4 97CI /1.6Liter, CIH, 8 Valves, Gasoline	03/1975-09/1981	1584 cc	85.00 X 69.80	4 cyl	Kadett,Ascona,Manta		
	17 N/S L4 104CI /1.7Liter, SOHC/OHC, 8 Valves, Gasoline	01/1963-08/1986	1698 cc	88.00 X 69.80	4 cyl	Kadett,Olympia,Record		
	19 S/N/SH (CIH) L4 116CI /1.9Liter, CIH, 8 Valves, Gasoline	01/1965-08/1988	1896 cc	93.00 X 69.80	4 cyl	Ascona, Blitz, Kadett,Olympia,Ascona,Rekord, Manta, Record, Transporter		
	19 E L4 116CI /1.9Liter, CIH, 8 Valves, Gasoline	09/1970-08/1988	1897 cc	93.00 X 69.80	4 cyl			
	20 E/S/N (CIH) L4 121CI /2.0Liter, CIH, 8 Valves, Gasoline	03/1975-08/1988	1978 cc	95.00 X 69.80	4 cyl	Kadett,Ascona,Record,Manta		
	22 E (CIH) L4 134CI /2.2Liter, CIH, 8 Valves, Gasoline	02/1978-08/1987	2197 cc	95.00 X 77.50	4 cyl	Rekord,Senator,Monza		
CR4411AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:4B1341 CLE:CB- 837AL (4) FMO:4-65895CP GLA:B4599SA GLY:71-3560/4 K.S:87 758 600 NDC:CB-3019 VAN:VPR91316A	C4411	4 Pairs		2.0460/ 2.0467 51.968/ 51.986	2.1653/ 2.1658 54.999/ 55.011	0.7750 19.69	0.0589 1.496	
MB 526AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:5M1342 CLE:MS- 988AL FMO:6280M GLA:M5256SA GLY:H 901/5 K.S:87 757 600 VAN:VPM91317A	M 526 F 526	4 Pairs 1 Pair	1-2-3-4 5	2.2830/ 2.2835 57.988/ 58.001 2.2830/ 2.2835 57.988/ 58.001	2.4409/ 2.4415 61.999/ 62.014 2.4409/ 2.4415 61.999/ 62.014	0.8830 22.43 1.0810 27.46	0.0781 1.984 0.0781 1.984	
18	X 22 XE (ECOTEC) L4 134CI DOHC, 16 Valves, Gasoline	03/1992-04/1999	2198 cc	86.00 X 94.60	4 cyl		18	
CR4017AM STD/.25/.5/.75/1.0/1.25/1.5 <i>Late model, Upper half - with one 4.0 mm hole at 12 degrees from the center line (or crown), lower half - plain.</i> ACL:4B1408 ~ CLE:CB-1408AL (4) FMO:4-1490CP GLA:B4673LC GLY:71-3626/4 K.S:87 391 600 VAN:VPR92123LC	C4017 C 421L	4 Pairs		1.9280/ 1.9286 48.971/ 48.986	2.0472/ 2.0477 51.999/ 52.012	0.7600 19.30	0.0589 1.496	
CR4210AM STD/.25/.5/.75 CLE:CB-1521P (4) GLA:B4684LC GLY:71-3764/4 K.S:77 268 600 VAN:VPR92496LC	C4210U C4210L	4 Pairs		1.9280/ 1.9286 48.971/ 48.986	2.0472/ 2.0477 51.999/ 52.012	0.7992 20.30	0.0589 1.496	
MB5179AM STD/.25/.5/.75/1.0 <i>Same as MB55201M, but with flange STD length: 25.91 mm in all undersizes</i> ACL:5M2329 CLE:MS-2068P FMO:7108M								
MB5247AM STD/.25/.5/.75 <i>Used in mot. 31037650 ----></i> ACL:5M2325 GLY:H 059/5 K.S:77 533 600	M5247 F5247	4 Pairs 1 Pair	1-2-4-5 3	2.2828/ 2.2833 57.983/ 57.996 2.2828/ 2.2833 57.983/ 57.996	2.4409/ 2.4415 61.999/ 62.014 2.4409/ 2.4415 61.999/ 62.014	0.7677 19.50 1.0197 25.90	0.0788 2.002 0.0788 2.002	
MB5520AM STD/.25/.5/.75/1.0/1.25/1.5 <i>This set includes 2 flanged full grooved halves. Flange length: STD - 25.91mm (FI STD), 0.25 - 26.11mm (FI oversize 0.2mm), 0.5 - 26.31mm (FI oversize 0.4mm), 0.75 - 26.51mm (FI oversize 0.6mm), 1.0, 1.5 - 26.71mm (FI oversize 0.8mm). Used in ----> mot. 31037650</i> ACL:5M2327 CLE:MS-1549AL FMO:6831M GLA:M5401SA GLY:H 982/5 K.S:87 393 600 NDC:MS-3020 OEM:9206-5700 VAN:VPM91936LC	M5520 F5520	4 Pairs 1 Pair	1-2-4-5 3	2.2828/ 2.2833 57.983/ 57.996 2.2828/ 2.2833 57.983/ 57.996	2.4410/ 2.4415 62.001/ 62.014 2.4410/ 2.4415 62.001/ 62.014	0.7680 19.51 1.0200 25.91	0.0785 1.994 0.0785 1.994	

OPEL				OPEL			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
19	Z 22 SE (ECOTEC) L4 134Cl /2.2Liter, DOHC, 16 Valves, Gasoline	08/1995-07/2009	2198 cc	86.00 X 94.60	4 cyl		19
CR4363SI STD/010/020/030/040 ACL:4B2296A CLE:CB-1827AL(4) FMO:4-4970P	C4363	4 Pairs		1.9291/ 1.9297 48.999/ 49.014	2.0519/ 2.0525 52.118/ 52.134	0.7980 20.27	0.0610 1.549
MB5413SI ACL:5M2232A CLE:MS-2232AL FMO:7421M OEM:9194165 6 18 012	M5413U M5413L F5413U F5413L	4 Pairs 1 Pair	1-3-4-5 2	2.2044/ 2.2050 55.992/ 56.007 2.2044/ 2.2050 55.992/ 56.007	2.5223/ 2.5229 64.066/ 64.082 2.5223/ 2.5229 64.066/ 64.082	0.7790 19.79 1.0420 26.47	0.1590 4.039 0.1590 4.039
20	20 D L4 122Cl /2.0Liter, CIH, 8 Valves, Diesel	01/1972-08/1986	1997 cc	86.50 X 85.00	4 cyl	Ascona/Rekord 2.0 D	20
	21 D L4 126Cl /2.1Liter, CIH, 8 Valves, Diesel	01/1972-08/1986	2067 cc	88.00 X 85.00	4 cyl	Rekord/Blitz-transporter 2.1 D	
	23 D, 23 TD/DTR L4 138Cl /2.3Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	02/1978-10/1998	2259 cc	92.00 X 85.00	4 cyl	Rekord/Omega/Senator/	
CR4492AM STD/.25/.5/.75/1.0 CLE:CB-1048P(4) FMO:4-66565CP GLA:B4580LC GLY:71-3174/4~ VAN:VPR91640	C4492	4 Pairs		2.1248/ 2.1254 53.970/ 53.985	2.2441/ 2.2446 57.000/ 57.013	1.0039 25.50	0.0587 1.491
MB5506AM STD/.25/.5/.75/1.0 CLE:MS-1206P FMO:6563M GLA:M5358LC GLY:H 893/5 VAN:VPM91641	M5506U M5506L F5506U F5506L	4 Pairs 1 Pair	1-2-3-4 5	2.2830/ 2.2835 57.988/ 58.001 2.2830/ 2.2835 57.988/ 58.001	2.4409/ 2.4415 61.999/ 62.014 2.4409/ 2.4415 61.999/ 62.014	0.9640 24.49 1.1580 29.41	0.0781 1.984 0.0781 1.984
21	C 24 NE L4 147Cl /2.4Liter, SOHC/OHC, 8 Valves, Gasoline	09/1986-10/1998	2410 cc	95.00 X 85.00	4 cyl		21
CR4254CP GLY:71-3753/4 K.S:77 266 600 VAN:VPR04029	C4254	4 Pairs		2.0460/ 2.0467 51.968/ 51.986	2.1653/ 2.1658 54.999/ 55.011	0.7677 19.50	0.0589 1.496
CR4411AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:4B1341 CLE:CB- 837AL(4) FMO:4-65895CP GLA:B4599SA GLY:71-3560/4 K.S:87 758 600 NDC:CB-3019 VAN:VPR91316A	C4411	4 Pairs		2.0460/ 2.0467 51.968/ 51.986	2.1653/ 2.1658 54.999/ 55.011	0.7750 19.69	0.0589 1.496
MB 526AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:5M1342 CLE:MS- 988AL FMO:6280M GLA:M5256SA GLY:H 901/5 K.S:87 757 600 VAN:VPM91317A	M 526 F 526	4 Pairs 1 Pair	1-2-3-4 5	2.2830/ 2.2835 57.988/ 58.001 2.2830/ 2.2835 57.988/ 58.001	2.4409/ 2.4415 61.999/ 62.014 2.4409/ 2.4415 61.999/ 62.014	0.8830 22.43 1.0810 27.46	0.0781 1.984 0.0781 1.984
22	M51 D25 L4 BMW 152Cl /2.5Liter, SOHC/OHC, 12 Valves, Diesel Turbocharge	12/1987-06/2003	2497 cc	80.00 X 82.80	6 cyl	Omega 2.5 TD	22
	Y 25 DT L6 152Cl /2.5Liter, DOHC, 24 Valves, Diesel Turbocharge	03/1994-30/2003	2497 cc	80.00 X 82.80	6 cyl		
	X 25 TD L6 152Cl /2.5Liter, SOHC/OHC, 12 Valves, Diesel Turbocharge	-	2498 cc	80.00 X 82.80	6 cyl	Omega 2.5 TD	
CR6749CP CLE:CB-1298P(6) GLA:B6632LB GLY:71-3573/6 VAN:VPR92148	C6749	6 Pairs		1.7707/ 1.7713 44.976/ 44.991	1.8898/ 1.8904 48.001/ 48.016	0.7047 17.90	0.0589 1.496
MB7039AM STD/.25/.5/.75 <i>Upper shells are full grooved, lower shells are partial grooved.</i> <i>Included two flanged half shells.</i> Flange length: STD - 24.94 mm (FI STD) 0.25 - 25.14 (FI oversize 0.2mm) 0.5 - 25.34 (FI oversize 0.4mm) 0.75 - 25.54 (FI oversize 0.6mm) 1.0 - 25.74 (FI oversize 0.8mm) CLE:MS-1827AL FMO:7027M GLA:M7468A GLY:H 023/7	M7016U M5578L F7016U F7039L	6 Pairs 1 Pair	1-3,5-7 4	2.3611/ 2.3618 59.972/ 59.990 2.3611/ 2.3618 59.972/ 59.990	2.5591/ 2.5598 65.001/ 65.019 2.5591/ 2.5598 65.001/ 65.019	0.7874 20.00 0.9819 24.94	0.0980 2.489 0.0980 2.489

OPEL					OPEL				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
K.S.: 87 369 600 VAN: VPM92602A									
23	C 25 XE, X 25 XE (ECOTEC) V6 152CI /2.5Liter, DOHC, 24 Valves, Gasoline	09/1988-03/2004	2498 cc	81.60 X 79.60	6 cyl	Omega, Omega Break, Vectra, Vectra Break		23	
CR 650AM STD/.25/.5/.75/1.0 OEM: 6 22 796 VAN: VPR06036A	C 650	6 Pairs		1.9280/ 1.9286 48.971/ 48.986	2.0472/ 2.0477 51.999/ 52.012	0.6417 16.30	0.0589 1.496		
MB4049SI STD/.25/.75 VAN: VPM04107A ~	M4049/1	1 Pair		2.6764/ 2.6770 67.981/ 67.996	2.8346/ 2.8352 71.999/ 72.014	0.7874 20.00	0.0785 1.994		
	M4049/2U M4049/2L	2 Pairs		2.6764/ 2.6770 67.981/ 67.996	2.8346/ 2.8352 71.999/ 72.014	0.6693 17.00	0.0785 1.994		
	F4049	1 Pair		2.6764/ 2.6770 67.981/ 67.996	2.8346/ 2.8352 71.999/ 72.014	0.9606 24.40	0.0785 1.994		
24	X 30 XE (ECOTEC) V6 181CI /3.0Liter, DOHC, 24 Valves, Gasoline	03/1994-07/2003	2962 cc	86.00 X 85.00	6 cyl	Omega, Omega Break, Sintra		24	
CR6750SI STD/.25/.5/.75/1.0 OEM: 6 22 008 VAN: VPR06037A	C6750	6 Pairs		2.1248/ 2.1256 53.970/ 53.990	2.2441/ 2.2446 57.000/ 57.013	0.6417 16.30	0.0589 1.496		
MB4049SI STD/.25/.75 VAN: VPM04107A ~	M4049/1	1 Pair		2.6764/ 2.6770 67.981/ 67.996	2.8346/ 2.8352 71.999/ 72.014	0.7874 20.00	0.0785 1.994		
	M4049/2U M4049/2L	2 Pairs		2.6764/ 2.6770 67.981/ 67.996	2.8346/ 2.8352 71.999/ 72.014	0.6693 17.00	0.0785 1.994		
	F4049	1 Pair		2.6764/ 2.6770 67.981/ 67.996	2.8346/ 2.8352 71.999/ 72.014	0.9606 24.40	0.0785 1.994		
25	25 E L6 152CI /2.5Liter, CIH, 12 Valves, Gasoline	02/1978-09/1993	2490 cc	87.00 X 69.80	6 cyl	Commodore, Senator, Blitz-		25	
	25 NE L6 152CI /2.5Liter, SOHC/OHC, 12 Valves, Gasoline	09/1987-09/1993	2490 cc	87.00 X 69.80	6 cyl				
	C 26 NE L6 158CI /2.6Liter, SOHC/OHC, 12 Valves, Gasoline	09/1986-03/1994	2594 cc	88.80 X 69.80	6 cyl	Omega, Senator			
	28 S/H L6 170CI /2.8Liter, CIH, 12 Valves, Gasoline	04/1964-01/1978	2784 cc	92.00 X 69.80	6 cyl	Commodore, Kapitan, Admira I,			
	28 E L6 170CI /2.8Liter, CIH, Gasoline	03/1969-08/1978	2784 cc	92.00 X 69.80	6 cyl				
	30 E L6 181CI /3.0Liter, CIH, 12 Valves, Gasoline	02/1978-08/1987	2969 cc	95.00 X 69.80	6 cyl	Omega, Senator, Monza 3.0/3.0			
	C 30 LE L6 181CI /3.0Liter, 12 Valves, Gasoline	02/1978-03/1994	2969 cc	95.00 X 69.80	6 cyl				
CR 643AM STD/.25/.5/.75/1.0/1.25/1.5 CLE: CB- 837AL(6) FMO: 6-65895CP GLA: B6438SA GLY: 71-3560/6 K.S: 87 756 600 VAN: VPR91318A	C4411	6 Pairs		2.0460/ 2.0467 51.968/ 51.986	2.1653/ 2.1658 54.999/ 55.011	0.7750 19.69	0.0589 1.496		
MB 757AM STD/.25/.5/.75/1.0/1.25/1.5 CLE: MS- 989AL GLA: M7282SA GLY: H 901/7 K.S: 87 755 600 VAN: VPM91319A	M 526	6 Pairs	1-2-3-4-5-6	2.2830/ 2.2835 57.988/ 58.001	2.4409/ 2.4415 61.999/ 62.014	0.8830 22.43	0.0781 1.984		
	F 526	1 Pair	7	2.2830/ 2.2835 57.988/ 58.001	2.4409/ 2.4415 61.999/ 62.014	1.0810 27.46	0.0781 1.984		
26	C 30 NE L6 181CI /3.0Liter, SOHC/OHC, 12 Valves, Gasoline	09/1986-03/1994	2969 cc	95.00 X 69.80	6 cyl			26	
	C 30 SE L6 181CI /3.0Liter, DOHC, 24 Valves, Gasoline	09/1986-03/1994	2969 cc	95.00 X 69.80	6 cyl				
CR 643AM STD/.25/.5/.75/1.0/1.25/1.5 CLE: CB- 837AL(6) FMO: 6-65895CP GLA: B6438SA GLY: 71-3560/6 K.S: 87 756 600 VAN: VPR91318A	C4411	6 Pairs		2.0460/ 2.0467 51.968/ 51.986	2.1653/ 2.1658 54.999/ 55.011	0.7750 19.69	0.0589 1.496		
CR6747AM	C4254	6 Pairs		2.0460/ 2.0467	2.1653/ 2.1658	0.7750	0.0589		

OPEL				OPEL			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
GLY:71-3753/6				51.968/ 51.986	54.999/ 55.011	19.69	1.496
MB 757AM STD/.25/.5/.75/1.0/1.25/1.5 CLE:MS- 989AL GLA:M7282SA GLY:H 901/7 K.S:87 755 600 VAN:VPM91319A	M 526	6 Pairs	1-2-3-4-5-6	2.2830/ 2.2835 57.988/ 58.001	2.4409/ 2.4415 61.999/ 62.014	0.8830 22.43	0.0781 1.984
	F 526	1 Pair	7	2.2830/ 2.2835 57.988/ 58.001	2.4409/ 2.4415 61.999/ 62.014	1.0810 27.46	0.0781 1.984






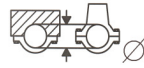


Engine Index: PACKARD

Engine-Code	Years	Cyl	CC	Line
VARIOUS MODELS		0	0	1

Engine-Code	Years	Cyl	CC	Line

Car Model Index: PACKARD

Model	Engine	Years	Cyl	CC	Line

PACKARD				PACKARD			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
1	VARIOUS MODELS			0 cyl			1
MB1250AM STD OEM:OE2122AP	F1250	1 Pair		6.6230/ 6.6240 168.224/168.250	2.8120/ 2.8130 71.425/ 71.450	1.8750 47.63	0.0937 2.380
MB5671AM 010/020/030/040/050/060	M5671/1	1 Pair		0.0000/ 2.7470 0.000/ 69.774	0.0000/ 2.9360 0.000/ 74.574	1.2190 30.96	0.0940 2.388
	M5671/2	2 Pairs		0.0000/ 2.7470 0.000/ 69.774	0.0000/ 2.9360 0.000/ 74.574	0.9690 24.61	0.0940 2.388
	F5671	1 Pair		0.0000/ 2.7470 0.000/ 69.774	0.0000/ 2.9360 0.000/ 74.574	1.5890 40.36	0.0940 2.388
	M5671/3	1 Pair		0.0000/ 2.7470 0.000/ 69.774	0.0000/ 2.9360 0.000/ 74.574	2.0630 52.40	0.0940 2.388
MB5674AM OEM:387624	M5671/2	1 Pair		0.0000/ 2.7470 0.000/ 69.774	0.0000/ 2.9360 0.000/ 74.574	0.9690 24.61	0.0940 2.388

Engine Index: PEGASO

Engine-Code	Years	Cyl	CC	Line

Engine-Code	Years	Cyl	CC	Line
9100-9105 D Diesel		6	10200	1
10.5 Diesel Turbocharged		6	10500	1
9100/1-9105/1 Diesel		6	10500	2
9109/1 Diesel 260 HP		6	10500	2

Engine-Code	Years	Cyl	CC	Line
9150-9151 D Diesel	-1985	6	11900	3
9151/9154-9156	1986 -	6	11900	4

Car Model Index: PEGASO

Model	Engine	Years	Cyl	CC	Line
Europa 10.2 LT	9100-9105 D		6	10200	1
Europa 10.5 LT	9100/1-9105/1		6	10500	2
Turbo	9109/1 Diesel 260		6	10500	2

Model	Engine	Years	Cyl	CC	Line
Turbo 10.5 LT	10.5 Diesel		6	10500	1
Turbo 350 HP	9150-9151 D	-1985	6	11900	3

PEGASO					PEGASO				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
1	9100-9105 D Diesel 170-200 HP	10200 cc	118.00 X 115.00	6 cyl	Europa 10.2 LT			1	
	10.5 Diesel Turbocharged	10500 cc	120.00 X 115.00	6 cyl	Turbo 10.5 LT				
CR 658CP <i>Under Development</i> CLE: CB-1141P (6) GLA: B6633LB VAN: VPR92245	C 658*	6 Pairs		3.2280/ 3.2289 81.991/ 82.014	3.4055/ 3.4064 86.500/ 86.523	1.5787 40.10	0.0087 0.221		
MB7062CP _{STD./25/.5} CLE: MS-1349P GLA: M7458LB VAN: VPM92246	M7062/1	1 Pair	1	3.7004/ 3.7013 93.990/ 94.013	3.8795/ 3.8805 98.539/ 98.565	2.0512 52.10	0.0880 2.235		
	M7062/2	4 Pairs	2,3,5,6	3.7004/ 3.7013 93.990/ 94.013	3.8795/ 3.8805 98.539/ 98.565	1.4213 36.10	0.0880 2.235		
	M7062/4	1 Pair	4	3.7004/ 3.7013 93.990/ 94.013	3.8795/ 3.8805 98.539/ 98.565	2.2087 56.10	0.0880 2.235		
	M7062/7	1 Pair	7	3.7004/ 3.7013 93.990/ 94.013	3.8795/ 3.8805 98.539/ 98.565	2.5236 64.10	0.0880 2.235		
2	9100/1-9105/1 Diesel 170-200 HP	10500 cc	120.00 X 155.00	6 cyl	Europa 10.5 LT			2	
	9109/1 Diesel 260 HP Turbocharged	10500 cc	120.00 X 155.00	6 cyl	Turbo				
CR 659CP _{STD./25/.5} CLE: CB-1179P (6) GLA: B6630LB VAN: VPR92247	C 659	6 Pairs		3.2280/ 3.2289 81.991/ 82.014	3.4252/ 3.4261 87.000/ 87.023	1.5787 40.10	0.0966 2.454		
MB7062CP _{STD./25/.5} CLE: MS-1349P GLA: M7458LB VAN: VPM92246	M7062/1	1 Pair	1	3.7004/ 3.7013 93.990/ 94.013	3.8795/ 3.8805 98.539/ 98.565	2.0512 52.10	0.0880 2.235		
	M7062/2	4 Pairs	2,3,5,6	3.7004/ 3.7013 93.990/ 94.013	3.8795/ 3.8805 98.539/ 98.565	1.4213 36.10	0.0880 2.235		
	M7062/4	1 Pair	4	3.7004/ 3.7013 93.990/ 94.013	3.8795/ 3.8805 98.539/ 98.565	2.2087 56.10	0.0880 2.235		
	M7062/7	1 Pair	7	3.7004/ 3.7013 93.990/ 94.013	3.8795/ 3.8805 98.539/ 98.565	2.5236 64.10	0.0880 2.235		
3	9150-9151 D Diesel Turbocharged	-1985 11900 cc	130.00 X 150.00	6 cyl	Turbo 350 HP			3	
	CR 627CP _{STD./25} CLE: CB-1142P (6) FMO: 6-8110CP	C 627	6 Pairs		3.5430/ 3.5438 89.992/ 90.013	3.7402/ 3.7410 95.001/ 95.021	1.7360 44.09		0.0967 2.456

503

CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

PEGASO				PEGASO			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
GLA:B6631LB VAN:VPR92248	M7035/1	6 Pairs	1-3,5-7	4.0154/ 4.0163 101.991/102.014	4.2126/ 4.2140 107.000/107.036	1.3820 35.10	0.0969 2.461
CLE:MS-1350AL FMO:8135M GLA:M7459SA VAN:VPM92249A	M7035/4	1 Pair	4	4.0154/ 4.0163 101.991/102.014	4.2126/ 4.2140 107.000/107.036	2.5630 65.10	0.0969 2.461
4	9151/9154-9156	1986 -	11900 cc	130.00 X 150.00	6 cyl		4
CR 628CP STD/.25 CLE:CB-1420P(6) FMO:6-8115CP GLA:B6638LB VAN:VPR92250	C 628	6 Pairs		3.5430/ 3.5438 89.992/ 90.013	3.7402/ 3.7410 95.001/ 95.021	1.7360 44.09	0.0967 2.456
MB7036AM STD/.25/.5/.75 CLE:MS-1665AL FMO:8131M GLA:M7469SA VAN:VPM92251A	M7036/1 M7035/1	6 Pairs	1-3,5-7	4.0154/ 4.0163 101.991/102.014	4.2126/ 4.2140 107.000/107.036	1.3820 35.10	0.0969 2.461
	M7036/4 M7035/4	1 Pair	4	4.0154/ 4.0163 101.991/102.014	4.2126/ 4.2140 107.000/107.036	2.5630 65.10	0.0969 2.461
MB7036CP							

Engine Index: PERKINS






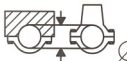


Engine-Code	Years	Cyl	CC	Line
AT3.152.4		0	0	1
903.27.903.27T		0	0	2
1006.6T,1006.60		0	0	3
1106 - E60TA		6	0	4
4.288D Diesel 288 cu.in		4	288	11
4.107/4.108 D Diesel		4	1760	5
G4.116		4	1900	5
Prima 65 Diesel		4	1994	6
Prima 80T D Diesel		4	1994	6
P3 Diesel		3	2360	7
3.152/A3.152 D Diesel		3	2500	7
D3.152/AD3.152 Diesel Direct		3	2500	7
4.154 Diesel		4	2523	8
4.165 Diesel		4	2710	9
A-4		4	2821	10
4.192/A4.192 D Diesel		4	3140	11
4.203.2 Diesel		4	3300	11
4.203/A4.203 D Diesel		4	3300	11
D4.203/AD4.203 Diesel Direct		4	3300	11
A4.212 Diesel		4	3470	14
4.236 Diesel Direct Injection		4	3860	14
A4.236/G4.236 D Diesel Direct		4	3860	14
T4.236 Diesel Turbocharged		4	3866	12
4.40		4	3990	14
T4.40		4	3990	14
1004-4		4	3990	13

Engine-Code	Years	Cyl	CC	Line
1004-4T		4	3990	13
4.248 Diesel Direct Injection		4	4065	14
4.248.2 Diesel Direct Injection		4	4067	14
4.270/D4.270 D Diesel Direct		4	4420	15
6.288 Diesel		6	4716	16
4.300/A4.300 Diesel		4	4920	17
6.305 Diesel		6	5000	16
4.318.2 Diesel		4	5215	17
4.318 Diesel		4	5215	18
6.340		6	5560	22
6.354/6.354.2 Diesel Direct	1960 -	6	5800	19
T6.354 Diesel Turbocharged		6	5800	20
6.354.4 Diesel	1969 -	6	5800	24
T6.354.3/4 Diesel Turbocharged		6	5800	24
6.372.1 Diesel		6	5800	21
AT6.372 Diesel Turbocharged		6	5800	21
6.357/6.357.2		6	5840	22
6.358		6	5840	23
1006-6	1991-94	6	5985	24
1006-6T		6	5985	24
V8.510/AV8.510 Diesel Direct		8	8360	25
V8.540 Diesel Direct Injection		8	8830	26
V8.605 Diesel		8	9900	26

Car Model Index: PERKINS

Model	Engine	Years	Cyl	CC	Line
1000 Series: 6.6, 6.6T	1006-6		6	5985	24
3.152,A3.152	3.152/A3.152 D	1953-	3	2500	7
3085,3095,3115,3125,	1006-6		6	5985	24
3315,4215,4315,263,22	903.27,903.27T		0		2
3325,4220,4320	903.27,903.27T		0		2
360,363,364,366CF	AT3.152.4		0		1
3655,3660,8130,6260,8	1006.6T,1006.60		0		3
396,399,6160,6170,640	1006-6		6	5985	24
4,4 Liter Marine,L4	4.270/D4.270 D	1952-	4	4420	15
4.107	4.107/4.108 D	1961-	4	1760	5
4.107 Marine	4.107/4.108 D	1961-	4	1760	5
4.108	4.107/4.108 D	1961-	4	1760	5
4.154	4.154 Diesel	1969-	4	2523	8
4.165	4.165 Diesel	1975-	4	2710	9
4.20 Marine	Prima 65 Diesel		4	1994	6
4.203.2	4.203.2 Diesel		4	3300	11
4.236	4.236 Diesel Direct	1963-	4	3860	14
4.248	4.248 Diesel Direct	1963-	4	4065	14
4.248.2	4.248.2 Diesel	1963-	4	4067	14
4.288D	4.288D Diesel 288		4	288	11
4.300,A4.300	4.300/A4.300	1961-	4	4920	17
4.318	4.318 Diesel	1968-	4	5215	18
4.40	4.40		4	3990	14
5.8 Liter	AT6.372 Diesel	1960-	6	5800	21
6.354	6.354/6.354.2	1960-	6	5800	19

Model	Engine	Years	Cyl	CC	Line
6.354.2	6.354/6.354.2	1960-	6	5800	19
6.354.4	6.354.4 Diesel	1969 -	6	5800	24
6.372.1	6.372.1 Diesel	1960-	6	5800	21
8.8 Litre Industrial	V8.540 Diesel	1972-	8	8830	26
A4,236,G4.236	A4.236/G4.236 D	1960-	4	3860	14
A4.212	A4.212 Diesel	1963-	4	3470	14
D3.152,AD3.152	D3.152/AD3.152	1953-	3	2500	7
D4.203,AD4.203	D4.203/AD4.203	1959-	4	3300	11
G4.116	G4.116	1974-	4	1900	5
Marine	4.192/A4.192 D	1938-56	4	3140	11
NA180	V8.510/AV8.510	1965-	8	8360	25
P3	P3 Diesel	1951-	3	2360	7
P4	4.203/A4.203 D	1938-	4	3300	11
P6	6.305 Diesel	1958-	6	5000	16
PA,PB,P4	4.192/A4.192 D	1938-66	4	3140	11
PF PG P6	6.288 Diesel		6	4716	16
Patrol	A-4		4	2821	10
T4.20 MarineBuild no.	Prima 80T D Diesel		4	1994	6
T4.40	T4.40		4	3990	14
T6.354	T6.354 Diesel	1960-	6	5800	20
T6.354,Marine	T6.354 Diesel	1960-	6	5800	20
T6.354.4	T6.354.3/4 Diesel	1970-	6	5800	24
Traktors MASSEY	1006-6		6	5985	24
V8.605	V8.605 Diesel	1976-	8	9900	26

PERKINS				PERKINS											
															
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness								
1	AT3.152.4			0 cyl	360,363,364,366CF		1								
MB4085CP <small>STD/010/020/030 OEM: 3637501M91</small>	M4085/1U M4085/1L	1 Pair	1	2.7485/ 2.7490 69.812/ 69.825	2.9165/ 2.9170 74.079/ 74.092	1.2953 32.90	0.0828 2.103								
	M4085/2	2 Pairs	2-3	2.7485/ 2.7490 69.812/ 69.825	2.9165/ 2.9170 74.079/ 74.092	0.9921 25.20	0.0828 2.103								
	M4085/3	1 Pair	4	2.7485/ 2.7490 69.812/ 69.825	2.9165/ 2.9170 74.079/ 74.092	1.5945 40.50	0.0828 2.103								
2	903.27,903.27T			0 cyl	3315,4215,4315,263,2220, 3325,4220,4320		2								
MB4086AM <small>STD/010/020/030 OEM: 4222571M91</small>	M 504/1U M4086/1L	1 Pair	1	2.7485/ 2.7490 69.812/ 69.825	2.9165/ 2.9170 74.079/ 74.092	1.2740 32.36	0.0828 2.103								
	M 504/2 M4086/2	2 Pairs	2-3	2.7485/ 2.7490 69.812/ 69.825	2.9165/ 2.9170 74.079/ 74.092	0.9370 23.80	0.0828 2.103								
	M 504/3 M4086/3	1 Pair	4	2.7485/ 2.7490 69.812/ 69.825	2.9165/ 2.9170 74.079/ 74.092	1.5420 39.17	0.0828 2.103								
3	1006.6T,1006.60			0 cyl	3655,3660,8130,6260,8210		3								
MB7109CP <small>STD/010/020/030 OEM: 3640873M91</small>	M7109/1U M7109/1L	6 Pairs	1-2-3-5- 6-7	2.9984/ 2.9992 76.159/ 76.180	3.1660/ 3.1670 80.416/ 80.442	1.2250 31.12	0.0819 2.080								
	M7109/4U M7109/4L	1 Pair	4	2.9984/ 2.9992 76.159/ 76.180	3.1660/ 3.1670 80.416/ 80.442	1.4400 36.58	0.0819 2.080								
4	1106 - E60TA			100.00 X 127.00	6 cyl		4								

PERKINS					PERKINS			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
CR6820CP STD/010/020/030/040/050/060	C4504	6 Pairs		2.2485/ 2.2490 57.112/ 57.125	2.3950/ 2.3955 60.833/ 60.846	1.1900 30.23	0.0710 1.803	
5	4.107/4.108 D Diesel	1760 cc	79.38 X 88.90	4 cyl	4.107, 4.107 Marine, 4.108	5		
	G4.116	1900 cc	79.38 X 88.90	4 cyl	G4.116			
CR 456AM STD/010/020/030/040/050/060	C 456	4 Pairs		1.9995/ 2.0000 50.787/ 50.800	2.1460/ 2.1465 54.508/ 54.521	0.8800 22.35	0.0723 1.836	
CLE:CB- 652AL (4) FMO:4-2580CP GLA:B4325SA GLY:01-4314/4 VAN:VPR723A								
MB 354AM STD/010/020/030/040	M 354	3 Pairs		2.2480/ 2.2485 57.099/ 57.112	2.3950/ 2.3955 60.833/ 60.846	1.2550 31.88	0.0723 1.836	
CLE:MS-1077AL FMO:5197M GLA:M3349SA GLY:H1138/3 VAN:VPM91213A								
6	Prima 80T D Diesel Turbocharged	1994 cc	84.40 X 89.00	4 cyl	T4.20 MarineBuild no. BB30157	6		
	Prima 65 Diesel	1994 cc	84.44 X 89.00	4 cyl	4.20 Marine			
CR4025AM STD/3/5/8	C4025	4 Pairs		2.1256/ 2.1264 53.990/ 54.011	2.2710/ 2.2715 57.683/ 57.696	0.8000 20.32	0.0718 1.824	
FMO:4-1640CP GLA:B4685LC GLY:71-4353/4 VAN:VPR92127LC								
MB5561AM STD/3/5/8	M5561/1U M5561/1L	4 Pairs	1-2-4-5	2.2437/ 2.2445 56.990/ 57.010	2.3899/ 2.3905 60.703/ 60.719	0.8900 22.61	0.0722 1.834	
FMO:7083M GLA:M5476SA GLY:H1158/5 VAN:VPM92128A								
	M5561/3U M5561/3L	1 Pair	3	2.2437/ 2.2445 56.990/ 57.010	2.3899/ 2.3905 60.703/ 60.719	0.9650 24.51	0.0722 1.834	
7	P3 Diesel	2360 cc	88.93 X 127.00	3 cyl	P3	7		
	3.152/A3.152 D Diesel	2500 cc	91.49 X 127.00	3 cyl	3.152,A3.152			
	D3.152/AD3.152 Diesel Direct Injection	2500 cc	91.49 X 127.00	3 cyl	D3.152,AD3.152			
CR 301AM STD/010/020/030/040/050/060	C 454	3 Pairs		2.2485/ 2.2490 57.112/ 57.125	2.3950/ 2.3955 60.833/ 60.846	1.1900 30.23	0.0720 1.829	
1952- Thin walled (plain type) CLE:CB- 560AL (3) FMO:3-2015CPA GLA:B3022SA VAN:VPR863A								
MB 440AM STD/010/020/030/040/050/060	M 504/1U M 504/1L	1 Pair	1	2.7485/ 2.7490 69.812/ 69.825	2.9165/ 2.9170 74.079/ 74.092	1.2740 32.36	0.0828 2.103	
1957- CLE:MS- 772AL FMO:4415M GLA:M4165SA GLY:H1026/4 VAN:VPM864A								
	M 504/2	2 Pairs	2-3	2.7485/ 2.7490 69.812/ 69.825	2.9165/ 2.9170 74.079/ 74.092	0.9370 23.80	0.0828 2.103	
	M 504/3	1 Pair	4	2.7485/ 2.7490 69.812/ 69.825	2.9165/ 2.9170 74.079/ 74.092	1.5420 39.17	0.0828 2.103	
8	4.154 Diesel	2523 cc	88.93 X 101.60	4 cyl	4.154	8		
CR 454AM STD/010/020/030/040/050/060	C 454	4 Pairs		2.2485/ 2.2490 57.112/ 57.125	2.3950/ 2.3955 60.833/ 60.846	1.1900 30.23	0.0719 1.826	
Thin walled (plain type) CLE:CB- 560AL (4) FMO:4-2015CPA GLA:B4309SA VAN:VPR865A								
MB5575AM STD/010/020/030	M 727/3D M 727/3E	3 Pairs	1-3-5	2.9985/ 2.9990 76.162/ 76.175	3.1660/ 3.1670 80.416/ 80.442	1.4450 36.70	0.0822 2.088	
GLA:M5232SA								
	M 727/1D M 727/1E	2 Pairs	2-4	2.9985/ 2.9990 76.162/ 76.175	3.1660/ 3.1670 80.416/ 80.442	1.2550 31.88	0.0822 2.088	
TW 245AM STD	W 245D W 245E	2 Pairs		2.8543/ 2.8642 72.499/ 72.751	3.3799/ 3.3898 85.849/ 86.101	0.0000 0.00	0.1236 3.139	
FMO:60946BFA GLA:W2159L VAN:VPM95201								
9	4.165 Diesel	2710 cc	92.00 X 101.60	4 cyl	4.165	9		
CR4077AM STD/25/5/75	C4077	4 Pairs		2.2020/ 2.2025 55.931/ 55.944	2.3622/ 2.3627 60.000/ 60.013	1.0972 27.87	0.0790 2.007	
FMO:4-8140RA GLA:B4562SA VAN:VPR91563A								
MB 594AM	M 594	5 Pairs	1-5	2.7913/ 2.7919 70.899/ 70.914	2.9528/ 2.9535 75.001/ 75.019	1.0972 27.87	0.0791 2.009	
FMO:8142M GLA:M5333SA VAN:VPM91564A								
TW 212AM STD/010/015/020/10/15/20	W 212D	2 Pairs		2.4173/ 2.4272 61.399/ 61.651	2.8563/ 2.8661 72.550/ 72.799	0.0000 0.00	0.0929 2.360	

PERKINS					PERKINS				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
CLE: TW- 247S FMO: 61904BF GLA: W2224L GLY: A199/4 VAN: VPW95035	W 212E								
10	A-4	2821 cc		4 cyl	Patrol				10
CR4077AM STD/.25/.5/.75 FMO: 4-8140RA GLA: B4562SA VAN: VPR91563A	C4077	4 Pairs		2.2020/ 2.2025 55.931/ 55.944	2.3622/ 2.3627 60.000/ 60.013	1.0972 27.87	0.0790 2.007		
MB5130AM STD/.25/.5/.75/1.0	M5130U M5130L	4 Pairs		2.5984/ 2.5989 65.999/ 66.012	2.7559/ 2.7566 70.000/ 70.018	1.0984 27.90	0.0790 2.007		
	M5130U M5130L/1	1 Pair		2.5984/ 2.5989 65.999/ 66.012	2.7559/ 2.7566 70.000/ 70.018	1.0984 27.90	0.0790 2.007		
TW 243AM									
11	4.288D Diesel 288 cu.in	288 cc	108.76 X 127.00	4 cyl	4.288D				11
	4.192/A4.192 D Diesel	3140 cc	88.93 X 127.00	4 cyl	Marine, PA,PB,P4				
	4.203/A4.203 D Diesel	3300 cc	91.49 X 127.00	4 cyl	P4				
	D4.203/AD4.203 Diesel Direct Injection	3300 cc	91.49 X 127.00	4 cyl	D4.203,AD4.203				
	4.203.2 Diesel	3300 cc	91.49 X 127.00	4 cyl	4.203.2				
CR 454AM STD/010/020/030/040/050/060 CLE: CB- 560AL (4) FMO: 4-2015CPA GLA: B4309SA VAN: VPR865A	C 454	4 Pairs		2.2485/ 2.2490 57.112/ 57.125	2.3950/ 2.3955 60.833/ 60.846	1.1900 30.23	0.0719 1.826		
MB 504AM STD/010/020/030/040/050/060 CLE: MS-1856AL FMO: 4416M GLA: M5234SA OEM: 68082 VAN: VPM92409A	M 504/1U M 504/1L	1 Pair	1	2.7485/ 2.7490 69.812/ 69.825	2.9165/ 2.9170 74.079/ 74.092	1.2740 32.36	0.0828 2.103		
	M 504/2	2 Pairs	2-4	2.7485/ 2.7490 69.812/ 69.825	2.9165/ 2.9170 74.079/ 74.092	0.9370 23.80	0.0828 2.103		
	M 504/3	2 Pairs	3-5	2.7485/ 2.7490 69.812/ 69.825	2.9165/ 2.9170 74.079/ 74.092	1.5420 39.17	0.0828 2.103		
MB5000AM 010/040 CLE: MS- 773AL GLA: M5133SA GLY: H1027/5 VAN: VPM866A	M5000/1U M5000/1L	1 Pair	1	2.7485/ 2.7490 69.812/ 69.825	2.9165/ 2.9170 74.079/ 74.092	1.3051 33.15	0.0828 2.103		
	M5000/2	2 Pairs	2,4	2.7485/ 2.7490 69.812/ 69.825	2.9165/ 2.9170 74.079/ 74.092	1.0000 25.40	0.0828 2.103		
	M5000/3	2 Pairs	3,5	2.7485/ 2.7490 69.812/ 69.825	2.9160/ 2.9170 74.066/ 74.092	1.6051 40.77	0.0828 2.103		
TW 260AM FMO: 2783AFA GLA: W2091SA GLY: A179/4 OEM: 31137211 VAN: VPW95247A	W 260D W 260E	2 Pairs		3.0450/ 3.0550 77.343/ 77.597	3.5520/ 3.5620 90.221/ 90.475	0.0000 0.00	0.1220 3.099		
12	T4.236 Diesel Turbocharged	3866 cc	98.48 X 127.00	4 cyl					12
MB 519AM STD/010/020/030/040/050/060 CLE: MS- 830AL FMO: 4353M GLA: M5212SA GLY: H1037/5 OEM: 81558 VAN: VPM91194A	M 727/1E M 727/1D	4 Pairs	1-2-4-5	2.9985/ 2.9990 76.162/ 76.175	3.1660/ 3.1670 80.416/ 80.442	1.2550 31.88	0.0822 2.088		
	M 727/3E M 727/3D	1 Pair	3	2.9985/ 2.9990 76.162/ 76.175	3.1660/ 3.1670 80.416/ 80.442	1.4450 36.70	0.0822 2.088		
TW 208AM CLE: TW- 316S FMO: 3137BFA GLA: W2157L GLY: A184/4 OEM: 31137551 VAN: VPW95000	W 208D W 208E	2 Pairs		3.4200/ 3.4300 86.868/ 87.122	4.0880/ 4.0980 103.835/104.089	0.0000 0.00	0.0900 2.286		
13	1004-4	3990 cc	100.00 X 127.00	4 cyl					13
	1004-4T	3990 cc	100.00 X 127.00	4 cyl					
CR 464AM STD/010/020/030/040/050/060 CLE: CB- 667AL (4) FMO: 4-3135AP GLA: B4438SA GLY: 01-4115/4 OEM: 85042 VAN: VPR91193A	C 673	4 Pairs		2.4990/ 2.4995 63.475/ 63.487	2.6460/ 2.6465 67.208/ 67.221	1.2550 31.88	0.0725 1.842		

PERKINS				PERKINS			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
CR4504CP STD/010/020/030/040/050/060 OEM:U5ME0013	C4504	4 Pairs		2.2485/ 2.2490 57.112/ 57.125	2.3950/ 2.3955 60.833/ 60.846	1.1900 30.23	0.0710 1.803
MB 519AM STD/010/020/030/040/050/060 CLE:MS- 830AL FMO:4353M GLA:M5212SA GLY:H1037/5 OEM:81558 VAN:VPM91194A	M 727/1E M 727/1D	4 Pairs	1-2-4-5	2.9985/ 2.9990 76.162/ 76.175	3.1660/ 3.1670 80.416/ 80.442	1.2550 31.88	0.0822 2.088
	M 727/3E M 727/3D	1 Pair	3	2.9985/ 2.9990 76.162/ 76.175	3.1660/ 3.1670 80.416/ 80.442	1.4450 36.70	0.0822 2.088
TW 208AM CLE:TW- 316S FMO:3137BFA GLA:W2157L GLY:A184/4 OEM:31137551 VAN:VPW95000	W 208D W 208E	2 Pairs		3.4200/ 3.4300 86.868/ 87.122	4.0880/ 4.0980 103.835/104.089	0.0000 0.00	0.0900 2.286
14	A4.212 Diesel		3470 cc	98.48 X 114.30	4 cyl	A4.212	14
	4.236 Diesel Direct Injection		3860 cc	98.48 X 127.00	4 cyl	4.236	
	A4.236/G4.236 D Diesel Direct Injection		3860 cc	98.48 X 127.00	4 cyl	A4,236,G4.236	
	4.40		3990 cc	100.00 X 127.00	4 cyl	4.40	
	T4.40		3990 cc	100.00 X 127.00	4 cyl	T4.40	
	4.248 Diesel Direct Injection		4065 cc	101.05 X 127.00	4 cyl	4.248	
	4.248.2 Diesel Direct Injection		4067 cc	101.05 X 127.00	4 cyl	4.248.2	
CR 464AM STD/010/020/030/040/050/060 CLE:CB- 667AL (4) FMO:4-3135AP GLA:B4438SA GLY:01-4115/4 OEM:85042 VAN:VPR91193A	C 673	4 Pairs		2.4990/ 2.4995 63.475/ 63.487	2.6460/ 2.6465 67.208/ 67.221	1.2550 31.88	0.0725 1.842
CR 464CP STD/010/020/030/040 GLA:B4438LC GLY:71-4115 OEM:U5ME0002	C 673	4 Pairs		2.4990/ 2.4995 63.475/ 63.487	2.6460/ 2.6465 67.208/ 67.221	1.2550 31.88	0.0725 1.842
MB 519AM STD/010/020/030/040/050/060 CLE:MS- 830AL FMO:4353M GLA:M5212SA GLY:H1037/5 OEM:81558 VAN:VPM91194A	M 727/1E M 727/1D	4 Pairs	1-2-4-5	2.9985/ 2.9990 76.162/ 76.175	3.1660/ 3.1670 80.416/ 80.442	1.2550 31.88	0.0822 2.088
	M 727/3E M 727/3D	1 Pair	3	2.9985/ 2.9990 76.162/ 76.175	3.1660/ 3.1670 80.416/ 80.442	1.4450 36.70	0.0822 2.088
TW 208AM 4203050- CLE:TW- 316S FMO:3137BFA GLA:W2157L GLY:A184/4 OEM:31137551 VAN:VPW95000	W 208D W 208E	2 Pairs		3.4200/ 3.4300 86.868/ 87.122	4.0880/ 4.0980 103.835/104.089	0.0000 0.00	0.0900 2.286
15	4.270/D4.270 D Diesel Direct Injection		4420 cc	107.95 X 120.65	4 cyl	4,4 Liter Marine,L4 Leopard	15
CR 468AM STD/010/020/030 6225600- CLE:CB- 751AL (4) GLA:B4412SA OEM:85041 VAN:VPR393A	C 468A C 468B	4 Pairs		2.7482/ 2.7490 69.804/ 69.825	2.9160/ 2.9170 74.066/ 74.092	1.3800 35.05	0.0820 2.083
16	6.288 Diesel		4716 cc	88.93 X 127.00	6 cyl	PF PG P6	16
	6.305 Diesel		5000 cc	91.49 X 127.00	6 cyl	P6	
CR 655AM STD/010/020/030/040/050/060 1952- Thin walled (plain type) CLE:CB- 560AL (6) FMO:6-2015CPA GLA:B6291SA GLY:01-4110 OEM:85034 VAN:VPR867A	C 454	6 Pairs		2.2485/ 2.2490 57.112/ 57.125	2.3950/ 2.3955 60.833/ 60.846	1.1900 30.23	0.0719 1.826
MB 705AM STD/010/020/030/040/050/060 1958- CLE:MS- 774AL FMO:4417M GLA:M7156SA VAN:VPM868A	M 504/1U M 504/1L	1 Pair	1	2.7485/ 2.7490 69.812/ 69.825	2.9165/ 2.9170 74.079/ 74.092	1.2740 32.36	0.0828 2.103
	M 504/2	4 Pairs	2-3-5-6	2.7485/ 2.7490 69.812/ 69.825	2.9165/ 2.9170 74.079/ 74.092	0.9370 23.80	0.0828 2.103
	M 504/3	2 Pairs	4-7	2.7485/ 2.7490 69.812/ 69.825	2.9165/ 2.9170 74.079/ 74.092	1.5420 39.17	0.0828 2.103
TW 260AM	W 260D	2 Pairs		3.0450/ 3.0550	3.5520/ 3.5620	0.0000	0.1220

PERKINS				PERKINS				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
FMO: 2783AFA GLY: A179/4 VAN: VPW95247A	GLA: W2091SA OEM: 31137211	W 260E		77.343/ 77.597	90.221/ 90.475	0.00	3.099	
17	4.300/A4.300 Diesel	4920 cc	114.30 X 120.65	4 cyl	4.300, A4.300		17	
	4.318.2 Diesel	5215 cc	114.31 X 127.00	4 cyl				
CR 468AM STD/010/020/030 CLE: CB- 751AL(4) GLA: B4412SA OEM: 85041	GLA: B4412SA VAN: VPR393A	C 468A C 468B	4 Pairs	2.7482/ 2.7490 69.804/ 69.825	2.9160/ 2.9170 74.066/ 74.092	1.3800 35.05	0.0820 2.083	
MB5575AM STD/010/020/030 GLA: M5232SA		M 727/3D M 727/3E	3 Pairs	1-3-5	2.9985/ 2.9990 76.162/ 76.175	3.1660/ 3.1670 80.416/ 80.442	1.4450 36.70	0.0822 2.088
		M 727/1D M 727/1E	2 Pairs	2-4	2.9985/ 2.9990 76.162/ 76.175	3.1660/ 3.1670 80.416/ 80.442	1.2550 31.88	0.0822 2.088
18	4.318 Diesel	5215 cc	114.31 X 127.00	4 cyl	4.318		18	
CR 468AM STD/010/020/030 CLE: CB- 751AL(4) OEM: 85041	GLA: B4412SA VAN: VPR393A	C 468A C 468B	4 Pairs	2.7482/ 2.7490 69.804/ 69.825	2.9160/ 2.9170 74.066/ 74.092	1.3800 35.05	0.0820 2.083	
MB 519AM STD/010/020/030/040/050/060 CLE: MS- 830AL GLA: M5212SA OEM: 81558	FMO: 4353M GLY: H1037/5 VAN: VPM91194A	M 727/1E M 727/1D	4 Pairs	1-2-4-5	2.9985/ 2.9990 76.162/ 76.175	3.1660/ 3.1670 80.416/ 80.442	1.2550 31.88	0.0822 2.088
		M 727/3E M 727/3D	1 Pair	3	2.9985/ 2.9990 76.162/ 76.175	3.1660/ 3.1670 80.416/ 80.442	1.4450 36.70	0.0822 2.088
TW 208AM CLE: TW- 316S GLA: W2157L OEM: 31137551	FMO: 3137BFA GLY: A184/4 VAN: VPW95000	W 208D W 208E	2 Pairs		3.4200/ 3.4300 86.868/ 87.122	4.0880/ 4.0980 103.835/104.089	0.0000 0.00	0.0900 2.286
19	6.354/6.354.2 Diesel Direct Injection	1960 -	5800 cc	98.48 X 127.00	6 cyl	6.354, 6.354.2	19	
CR 673AM STD/010/020/030/040/050/060 CLE: CB- 667AL(6) GLA: B6341SA OEM: 85043	FMO: 6-3135AP GLY: 71-4115/6 VAN: VPR891A	C 673	6 Pairs	2.4990/ 2.4995 63.475/ 63.487	2.6460/ 2.6465 67.208/ 67.221	1.2550 31.88	0.0725 1.842	
MB 727AM STD/010/020/030/040/050/060 CLE: MS- 757AL GLA: M7189SA OEM: 85010	FMO: 4352M GLY: H1166/7 VAN: VPM892A	M 727/1E M 727/1D	6 Pairs	1-2-3-5-6-7	2.9985/ 2.9990 76.162/ 76.175	3.1660/ 3.1670 80.416/ 80.442	1.2550 31.88	0.0822 2.088
		M 727/3E M 727/3D	1 Pair	4	2.9985/ 2.9990 76.162/ 76.175	3.1660/ 3.1670 80.416/ 80.442	1.4450 36.70	0.0822 2.088
TW 208AM CLE: TW- 316S GLA: W2157L OEM: 31137551	FMO: 3137BFA GLY: A184/4 VAN: VPW95000	W 208D W 208E	2 Pairs		3.4200/ 3.4300 86.868/ 87.122	4.0880/ 4.0980 103.835/104.089	0.0000 0.00	0.0900 2.286
20	T6.354 Diesel Turbocharged	5800 cc	98.48 X 127.00	6 cyl	T6.354, T6.354, Marine		20	
CR 685AM STD/010/020/030/040 CLE: CB- 1209AL(6) GLA: B6425SA	FMO: 6-3135APA VAN: VPR91527A	C 685 C 673	6 Pairs	2.4990/ 2.4995 63.475/ 63.487	2.6460/ 2.6465 67.208/ 67.221	1.2550 31.88	0.0725 1.842	
MB 727AM STD/010/020/030/040/050/060 CLE: MS- 757AL GLA: M7189SA OEM: 85010	FMO: 4352M GLY: H1166/7 VAN: VPM892A	M 727/1E M 727/1D	6 Pairs	1-2-3-5-6-7	2.9985/ 2.9990 76.162/ 76.175	3.1660/ 3.1670 80.416/ 80.442	1.2550 31.88	0.0822 2.088
		M 727/3E M 727/3D	1 Pair	4	2.9985/ 2.9990 76.162/ 76.175	3.1660/ 3.1670 80.416/ 80.442	1.4450 36.70	0.0822 2.088
TW 208AM CLE: TW- 316S GLA: W2157L OEM: 31137551	FMO: 3137BFA GLY: A184/4 VAN: VPW95000	W 208D W 208E	2 Pairs		3.4200/ 3.4300 86.868/ 87.122	4.0880/ 4.0980 103.835/104.089	0.0000 0.00	0.0900 2.286
21	6.372.1 Diesel	5800 cc	100.97 X 127.00	6 cyl	6.372.1		21	
	AT6.372 Diesel Turbocharged	5800 cc	100.97 X 127.00	6 cyl	5.8 Liter			
CR 673AM STD/010/020/030/040/050/060								

PERKINS		PERKINS						
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
CLE:CB- 667AL (6) GLA:B6341SA OEM:85043	FMO:6-3135AP GLY:71-4115/6 VAN:VPR891A							
MB 727AM STD/010/020/030/040/050/060 CLE:MS- 757AL GLA:M7189SA OEM:85010	FMO:4352M GLY:H1166/7 VAN:VPM892A	M 727/1E M 727/1D M 727/3E M 727/3D	6 Pairs 1 Pair 4	1-2-3-5- 6-7 4	2.9985/ 2.9990 76.162/ 76.175 2.9985/ 2.9990 76.162/ 76.175	3.1660/ 3.1670 80.416/ 80.442 3.1660/ 3.1670 80.416/ 80.442	1.2550 31.88 1.4450 36.70 0.0822 2.088 0.0822 2.088	
TW 208AM CLE:TW- 316S GLA:W2157L OEM:31137551	FMO:3137BFA GLY:A184/4 VAN:VPM95000	W 208D W 208E	2 Pairs		3.4200/ 3.4300 86.868/ 87.122	4.0880/ 4.0980 103.835/104.089	0.0000 0.00 0.0900 2.286	
22	6.340		5560 cc	101.05 X 114.30	6 cyl		22	
	6.357/6.357.2		5840 cc	104.14 X 114.30	6 cyl			
CR6681AM STD/010/020/030/040	C6681	6 Pairs		2.4778/ 2.4781 62.936/ 62.944	2.6247/ 2.6255 66.667/ 66.688	1.2840 32.61	0.0723 1.836	
MB7733AM STD/010/020/030/040/060	M7733/1U M7733/1L M7733/2U M7733/2L	5 Pairs 2 Pairs		2.9990/ 2.9995 76.175/ 76.187 2.9990/ 2.9995 76.175/ 76.187	3.1725/ 3.1735 80.582/ 80.607 3.1725/ 3.1735 80.582/ 80.607	1.0720 27.23 1.5100 38.35	0.0855 2.172 0.0855 2.172	
23	6.358		5840 cc	104.14 X 114.30	6 cyl		23	
CR6682AM STD/010/020/030/040	C6682	6 Pairs		2.4778/ 2.4781 62.936/ 62.944	2.6247/ 2.6255 66.667/ 66.688	1.1140 28.30	0.0723 1.836	
MB7734AM STD/010/020/030/040	M7734/1 M7734/2	5 Pairs 2 Pairs		2.9990/ 2.9995 76.175/ 76.187 2.9990/ 2.9995 76.175/ 76.187	3.1725/ 3.1735 80.582/ 80.607 3.1725/ 3.1735 80.582/ 80.607	1.1420 29.01 1.4570 37.01	0.0858 2.179 0.0858 2.179	
24	T6.354.3/4 Diesel Turbocharged		5800 cc	98.48 X 127.00	6 cyl	T6.354.4	24	
	6.354.4 Diesel	1969 -	5800 cc	98.48 X 127.00	6 cyl	6.354.4		
	1006-6	1991-94	5985 cc	100.00 X 127.00	6 cyl	1000 Series: 6.6, 6.6T, 3085,3095,3115,3125,, 396,399,6160,6170,640, Traktors MASSEY FERGUSON :		
	1006-6T		5985 cc	100.00 X 127.00	6 cyl			
CR 673AM STD/010/020/030/040/050/060 CLE:CB- 667AL (6) GLA:B6341SA OEM:85043	FMO:6-3135AP GLY:71-4115/6 VAN:VPR891A							
CR 673CP STD/010/020/030 GLA:B6341LC OEM:U5ME0003	C 673	6 Pairs		2.4990/ 2.4995 63.475/ 63.487	2.6460/ 2.6465 67.208/ 67.221	1.2550 31.88	0.0725 1.842	
MB7002AM STD/010/020/030/040 <i>Same as MB7003CA, but with Al-alloy components only.</i> CLE:MS-1548AL GLA:M7377SA OEM:68079	FMO:7053M GLY:H1124/7 VAN:VPM91796A	M7002/1U M7002/1L M7002/4U M7002/4L	6 Pairs 1 Pair	1-2-3-5- 6-7 4	2.9984/ 2.9992 76.159/ 76.180 2.9984/ 2.9992 76.159/ 76.180	3.1660/ 3.1670 80.416/ 80.442 3.1660/ 3.1670 80.416/ 80.442	1.2250 31.12 1.4400 36.58 0.0819 2.080 0.0819 2.080	
MB7003CA STD/010/020/030/040/050/060 <i>Contains Al-alloy (positions 1-3, 5-7) and Copper-Lead (position 4) components.</i> GLA:M7377LC OEM:U5MB0007	FMO:H1201/7 VAN:VPM91796LC	M7002/1U M7002/1L M7003/4U M7003/4L	6 Pairs 1 Pair	1-2-3-5- 6-7 4	2.9984/ 2.9999 76.159/ 76.197 2.9984/ 2.9999 76.159/ 76.197	3.1660/ 3.1670 80.416/ 80.442 3.1660/ 3.1670 80.416/ 80.442	1.2250 31.12 1.4400 36.58 0.0819 2.080 0.0819 2.080	
TW 208AM CLE:TW- 316S	FMO:3137BFA	W 208D W 208E	2 Pairs		3.4200/ 3.4300 86.868/ 87.122	4.0880/ 4.0980 103.835/104.089	0.0000 0.00 0.0900 2.286	

PERKINS					PERKINS				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
GLA:W2157L OEM:31137551	GLY:A184/4 VAN:VPW95000								
25	V8.510/AV8.510 Diesel Direct Injection		8360 cc	107.95 X 114.30	8 cyl	NA180			25
CR 812AM STD/010/020/030 CLE:CB-1049AL(8) FMO:8-8000RA GLA:B8087SA	C 812	8 Pairs		3.2480/ 3.2485 82.499/ 82.512	3.4160/ 3.4170 86.766/ 86.792	1.2550 31.88	0.0820 2.083		
MB5572AM CLE:MS-1207 FMO:6669M GLA:M5250SA	M5572/1	3 Pairs	1-3-5	3.9967/ 3.9972 101.516/101.529	4.1850/ 4.1860 106.299/106.324	1.3800 35.05	0.0920 2.337		
	M5572/2	2 Pairs	2-4	3.9967/ 3.9972 101.516/101.529	4.1850/ 4.1860 106.299/106.324	1.6300 41.40	0.0920 2.337		
TW 245AM STD FMO:60946BFA GLA:W2159L VAN:VPW95201	W 245D W 245E	2 Pairs		2.8543/ 2.8642 72.499/ 72.751	3.3799/ 3.3898 85.849/ 86.101	0.0000 0.00	0.1236 3.139		
26	V8.540 Diesel Direct Injection		8830 cc	107.95 X 120.70	8 cyl	8.8 Litre Industrial			26
	V8.605 Diesel		9900 cc	114.30 X 120.70	8 cyl	V8.605			
CR 823AM FMO:8-7000RA GLA:B8100SA	C 823	8 Pairs		2.9980/ 2.9985 76.149/ 76.162	3.1660/ 3.1670 80.416/ 80.442	1.2500 31.75	0.0830 2.108		
MB5572AM CLE:MS-1207 FMO:6669M GLA:M5250SA	M5572/1	3 Pairs	1-3-5	3.9967/ 3.9972 101.516/101.529	4.1850/ 4.1860 106.299/106.324	1.3800 35.05	0.0920 2.337		
	M5572/2	2 Pairs	2-4	3.9967/ 3.9972 101.516/101.529	4.1850/ 4.1860 106.299/106.324	1.6300 41.40	0.0920 2.337		

Engine Index: PETTER

Engine-Code	Years	Cyl	CC	Line
AA1 Diesel Aircooled		1	219	1
AB1 AB1W D Diesel		1	261	1
AC1, AC1W D Diesel		1	304	1
AV1 Diesel Watercooled		1	533	2
AVA1 Diesel Aircooled		1	533	2

Engine-Code	Years	Cyl	CC	Line
PH1/PH1W D Diesel		1	659	3
PJ1/PJ1W D Diesel		1	813	4
AV2/AVA2 Diesel		2	1066	5

Car Model Index: PETTER

Model	Engine	Years	Cyl	CC	Line

PETTER					PETTER				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		

PETTER				PETTER			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	AA1 Diesel Aircooled	219 cc	69.85 X 57.15	1 cyl			1
	AB1 AB1W D Diesel	261 cc	76.20 X 57.15	1 cyl			
	AC1, AC1W D Diesel	304 cc	76.20 X 66.68	1 cyl			
CR 188AM GLA:B1068SA							
2	AV1 Diesel Watercooled	533 cc	80.00 X 109.98	1 cyl			2
	AVA1 Diesel Aircooled	533 cc	80.10 X 268.65	1 cyl			
CR 102CP							
MB 204AM <i>Under Development</i> GLA:M2041M	B 204	2 Bushes		2.2480/ 2.2485 57.099/ 57.112	2.4370/ 2.4380 61.900/ 61.925	1.8170 46.15	0.0930 2.362
MB 205AM <i>Under Development</i> GLA:M2057M	B 205/D	1 Bush		2.2480/ 2.2485 57.099/ 57.112	2.4370/ 2.4380 61.900/ 61.925	1.8170 46.15	0.0930 2.362
	B 205/E	1 Bush		2.2480/ 2.2485 57.099/ 57.112	2.4370/ 2.4380 61.900/ 61.925	2.1300 54.10	0.0930 2.362
3	PH1/PH1W D Diesel Air/Watercooled	659 cc	87.47 X 109.98	1 cyl			3
	CR 103CP₀₈₀ GLA:B1064SA VAN:VPR858 GLY:01-4301	C 103	1 Pair	2.3745/ 2.3750 60.312/ 60.325	2.5210/ 2.5215 64.033/ 64.046	1.2550 31.88	
MB 207AM <i>Under Development</i> GLA:M2102SA GLY:H1236/2	B 207/D	1 Bush		2.3730/ 2.3735 60.274/ 60.287	2.5620/ 2.5630 65.075/ 65.100	1.7550 44.58	0.0930 2.362
	B 207/E	1 Bush		2.3730/ 2.3735 60.274/ 60.287	2.5620/ 2.5630 65.075/ 65.100	2.1250 53.98	0.0930 2.362
4	PJ1/PJ1W D Diesel Air/Watercooled	813 cc	96.88 X 110.00	1 cyl			4
	CR 103CP₀₈₀ GLA:B1064SA VAN:VPR858 GLY:01-4301	C 103	1 Pair	2.3745/ 2.3750 60.312/ 60.325	2.5210/ 2.5215 64.033/ 64.046	1.2550 31.88	
5	AV2/AVA2 Diesel Air/Watercooled	1066 cc	80.00 X 109.98	2 cyl			5
	CR 218AM GLA:B2021SA						

Engine Index: PEUGEOT

Engine-Code	Years	Cyl	CC	Line
108 (XV3, XV5), 108C (XV8) L4	10/1972-	4	954	6
CDY/CDZ (TU9M) L4 58CI	01/1987-	4	954	1
TU9 L4 58CI /1.0Liter,	01/1987-	4	954	1
E1 L4 68CI /1.1Liter, OHV, 8	10/1985-	4	1118	4
109F (XW7) L4 69CI /1.1Liter,	10/1972-	4	1124	6
109N (XW7), 121 (XW3S) L4	09/1973-	4	1124	6
XW3S, 109 (XW3) L4 69CI	10/1972-	4	1124	6
H1B (TU1), HDY/Z (TU1M) L4	04/1996-	4	1124	7
HFX (TU1A) L4 69CI /1.1Liter,	01/2009-	4	1124	7
HFX/Z (TU1JP) L4 69CI /1.1Liter,	04/1996-	4	1124	9
XK5 L4 69CI /1.1Liter,	10/1965-	4	1127	11
XK L4 69CI /1.1Liter,	11/1975-	4	1130	3

Engine-Code	Years	Cyl	CC	Line
129 (XZ5) L4 74CI /1.2Liter,	10/1972-	4	1218	2
XL3 L4 79CI /1.3Liter,	-	4	1290	3
XL5 L4 79CI /1.3Liter,	10/1969-	4	1290	11
TU24, TU2J2 L4 79CI /1.3Liter,	01/1987-	4	1294	7
G1A L4 79CI /1.3Liter,	02/1983-	4	1294	4
XL4D L4 83CI /1.4Liter,	-	4	1357	5
150 (XY6B), 150 B/H(XY8), 150	10/1972-	4	1360	6
KFW (TU3A) L4 83CI /1.4Liter,	01/1987-	4	1360	7
KFU (ET3J4) L4 83CI /1.4Liter,	08/1998-	4	1360	9
K1D (TU3A) L4 83CI /1.4Liter,	10/1985-	4	1361	7
K9Y (TUD3Y) L4 83CI /1.4Liter,	08/1991-	4	1361	8
TU 3 JP L4 83CI /1.4Liter,	08/1998-	4	1361	9

Engine-Code	Years	Cyl	CC	Line
8HX (DV4TD) L4 85CI /1.4Liter,	08/1998-	4	1398	10
117 (XR5S) L4 90CI /1.5Liter,	11/1977-	4	1472	11
VJX/Y (TUD5) L4 93CI /1.6Liter,	08/1991-	4	1527	12
149 (XID) L4 94CI /1.6Liter,	11/1977-	4	1548	13
9HV (DV6ATED4), 9HU	01/2007-	4	1560	14
9HY/Z (DV6TED4), 9HX	04/1996-	4	1560	14
171 (XU5S) L4 96CI /1.6Liter,	10/1982-	4	1580	15
180A (XU5J) L4 96CI /1.6Liter,	02/1983-	4	1580	15
B1A (XU51C) L4 96CI /1.6Liter,	10/1982-	4	1580	15
BDZ (XU5M) L4 96CI /1.6Liter,	01/1987-	4	1580	15
BFZ (XU5JP) L4 96CI /1.6Liter,	08/1992-	4	1580	15
NFU (TU5JP4) L4 97CI /1.6Liter,	04/1996-	4	1587	16
NFZ (TU5JP) L4 97CI /1.6Liter,	08/1991-	4	1587	16
XC5P/XC7P L4 99CI /1.6Liter,	08/1968-	4	1618	17
XC6 L4 99CI /1.6Liter, OHV, 8	04/1963-	4	1618	17
LFY (XU7JP4) L4 107CI /1.8Liter,	04/1993-	4	1761	18
LFZ (XU7JP) L4 108CI /1.8Liter,	08/1992-	4	1762	18
161A (XUD7) L4 108CI /1.8Liter,	10/1982-	4	1769	21
A9A (XUD7) L4 108CI /1.8Liter, 8	04/1993-	4	1769	21
A8A (XUD7TE) L4 108CI	01/1987-	4	1769	22
A8B (XUD7TE) L4 108CI	01/1987-	4	1769	22
105, 169B L4 110CI /1.8Liter, 8	05/1979-	4	1796	19
105C L4 110CI /1.8Liter,	05/1979-	4	1796	19
KF5/6, XM7, XM7P L4 110CI	07/1968-	4	1796	19
XDP85 L4 110CI /1.8Liter, OHV,	01/1959-	4	1816	20
D9A (XUD9) L4 116CI /1.9Liter,	10/1982-	4	1905	21
DJY (XUD9A) L4 116CI /1.9Liter,	01/1987-	4	1905	21
D8B (XUD9TE) L4 116CI	07/1995-	4	1905	22
DHW (XUD9SD) L4 116CI	10/1995-	4	1905	22
DHX/Y (XUD9TE) L4 116CI	08/1992-	4	1905	22
159 (XU9S) L4 116CI /1.9Liter,	10/1982-	4	1905	23
D2A (XU92C) L4 116CI /1.9Liter,	01/1987-	4	1905	23

Engine-Code	Years	Cyl	CC	Line
D6A (XU9J2) L4 116CI /1.9Liter,	01/1987-	4	1905	23
D6B (XU9JA) L4 116CI /1.9Liter,	02/1983-	4	1905	23
D6C (XU9J4) L4 116CI /1.9Liter,	01/1987-	4	1905	23
DDZ (XU9M) L4 116CI /1.9Liter,	10/1985-	4	1905	23
XDP88 L4 119CI /2.0Liter, CIH, 8	08/1968-	4	1948	26
829 (ZEJ) L4 122CI /2.0Liter,	05/1979-	4	1995	24
DW10ATED L4 122CI /2.0Liter,	06/1994-	4	1997	25
DW10ATED4 L4 122CI /2.0Liter,	06/1994-	4	1997	25
DW10BTED L4 122CI /2.0Liter,	07/1995-	4	1997	25
DW10BTED4 L4 122CI /2.0Liter,	01/2000-	4	1997	25
DW10CTED L4 122CI /2.0Liter,	06/2002-	4	1997	25
DW10TD L4 122CI /2.0Liter,	04/1993-	4	1997	25
P8C (XUD11BTE) L4 127CI	06/1989-	4	2088	27
PHZ (XUD11ATE) L4 127CI	06/1989-	4	2088	27
XD90 L4 129CI /2.1Liter,	07/1968-	4	2112	26
P9A (XUD11A) L4 130CI	06/1989-	4	2138	27
851 (ZDJ) L4 132CI /2.2Liter,	05/1979-	4	2165	28
851B (ZDJL) L4 132CI /2.2Liter,	05/1979-	4	2165	28
134 (XD2) L4 141CI /2.3Liter,	07/1968-	4	2304	29
147 (XD2S) L4 141CI /2.3Liter,	08/1977-	4	2304	29
T9A (DJ5) L4 149CI /2.5Liter,	03/1994-	4	2446	30
T8A (DJ5T) L4 149CI /2.5Liter,	03/1994-	4	2446	31
THY (DK5ATE) L4 149CI	03/1994-	4	2446	31
THX (DJ5TED) L4 149CI	03/1994-	4	2446	32
CRD93 (U25/661) L4 152CI	09/1981-	4	2498	33
CRD93LS (U25/673) L4 152CI	09/1990-	4	2498	34
152A (XD3T) L4 152CI /2.5Liter,	08/1977-	4	2498	35
155 (XD3) L4 152CI /2.5Liter,	05/1979-	4	2498	35
XD3P L4 152CI /2.5Liter,	12/1988-	4	2498	35
112 (ZM) V6 163CI /2.7Liter,	10/1974-	6	2664	36
154X (ZN3J) V6 174CI /2.9Liter,	05/1979-	6	2849	36

Car Model Index: PEUGEOT

Model	Engine	Years	Cyl	CC	Line
1007 1.4i	TU 3 JP L4 83CI	10.2004-	4	1361	9
1007 1.4i 16V	KFU (ET3J4) L4	10.2005-	4	1360	9
104 2e Modele ZS 1400	150 (XY6B), 150	1980-	4	1360	6
104 Coupe	108 (XV3, XV5),	1973	4	954	6
104 Coupe ZL	108 (XV3, XV5),	1976-	4	954	6
104 GL, GR	XW3S, 109 (XW3)	1980-	4	1124	6
104 GL6, SL, ZS,	XW3S, 109 (XW3)	1975-80	4	1124	6
104 GLS	109N (XW7), 121	1985-	4	1124	6
104 GLS	109F (XW7) L4	1985-	4	1124	6
104 L, GL, GR, ZA, ZL,	108 (XV3, XV5),	1973-83	4	954	6
104 S, SR	XW3S, 109 (XW3)	1979-	4	1124	6
104 S, ZS 2e Modele	150 (XY6B), 150	1980-	4	1360	6
104 SR, S, ZS, GR	129 (XZ5) L4 74CI	1980-83	4	1218	2
104 Style Z	109N (XW7), 121	1982-	4	1124	6
104 Style Z	109F (XW7) L4	1982-	4	1124	6
104 Z Plus	109N (XW7), 121	1981-	4	1124	6
104 Z Plus	109F (XW7) L4	1981-	4	1124	6
104 Z, 104 ZA	108 (XV3, XV5),	1984-	4	954	6
104 ZA	108 (XV3, XV5),	1978-	4	954	6
104 ZL	109N (XW7), 121	1979-85	4	1124	6
104 ZL	109F (XW7) L4	1979-85	4	1124	6
104 ZL, Coupe ZsBerline	XW3S, 109 (XW3)	1979-	4	1124	6
104 ZR	XW3S, 109 (XW3)	1980-	4	1124	6
104Z, ZR, ZA, GL, GR	109N (XW7), 121	1980-83	4	1124	6
104Z, ZR, ZA, GL, GR	109F (XW7) L4	1980-83	4	1124	6
106	K9Y (TUD3Y) L4		4	1361	8

Model	Engine	Years	Cyl	CC	Line
106 1.1i	HFX/Z (TU1JP) L4	03.2000-	4	1124	9
106 1.4i	TU 3 JP L4 83CI	05.1996-	4	1361	9
106 1.5D (Series 1)	VJX/Y (TUD5) L4	1994 -	4	1527	12
106 GTi	NFU (TU5JP4) L4		4	1587	16
106 GTi	NFZ (TU5JP) L4		4	1587	16
106 XN	TU9 L4 58CI	1992-	4	954	1
106 XR, XN	H1B (TU1), HDY/Z	1992-	4	1124	7
106 XR, XN	HFX (TU1A) L4	1992-	4	1124	7
106 XR, XT	KFW (TU3A) L4	1992-	4	1360	7
106 XR, XT, XSi	K1D (TU3A) L4	1992-	4	1361	7
204	XK5 L4 69CI	1975-77	4	1127	11
204 2nd & 3rd Series	XK L4 69CI	1967-75	4	1130	3
204 C Cabriolet SL204	XK L4 69CI	1970-	4	1130	3
204 GL	XK L4 69CI	1970-	4	1130	3
204 U4 Fourgonnte	XK L4 69CI	1969-76	4	1130	3
204, 204b	XK L4 69CI	1965-67	4	1130	3
204D BDA Break	XL4D L4 83CI	1974-	4	1357	5
205 1.4i	TU 3 JP L4 83CI	07.1988-	4	1361	9
205 A, 205 XL, 205 XR	109N (XW7), 121	1986-	4	1124	6
205 A, 205 XL, 205 XR	109F (XW7) L4	1986-	4	1124	6
205 Automatic	180A (XU5J) L4		4	1580	15
205 Automatic	171 (XU5S) L4		4	1580	15
205 Automatic	B1A (XU51C) L4		4	1580	15
205 Automatic	BFZ (XU5JP) L4		4	1580	15
205 Automatic	BDZ (XU5M) L4		4	1580	15
205	D9A (XUD9) L4	1983-	4	1905	21

Model	Engine	Years	Cyl	CC	Line
205	DJY (XUD9A) L4	1983-	4	1905	21
205 GL ,GR, 1100	109N (XW7), 121	1985-	4	1124	6
205 GL ,GR, 1100	109F (XW7) L4	1985-	4	1124	6
205 GL, GR, XL, XR	H1B (TU1), HDY/Z		4	1124	7
205 GL, GR, XL, XR	HFX (TU1A) L4		4	1124	7
205 GR, GT, SR,	K1D (TU3A) L4		4	1361	7
205 GT Cabriolet	K1D (TU3A) L4	1988-	4	1361	7
205 GT, XS,XS,Roland	K1D (TU3A) L4		4	1361	7
205 GTi	D2A (XU92C) L4		4	1905	23
205 GTi	DDZ (XU9M) L4		4	1905	23
205 GTi	D6B (XU9JA) L4		4	1905	23
205 GTi	159 (XU9S) L4		4	1905	23
205 GTi	D6A (XU9J2) L4		4	1905	23
205 Junior	TU9 L4 58CI		4	954	1
205 L, GL, XE, XL	108 (XV3, XV5),	1983-	4	954	6
205 Rallye, M-4A	TU24, TU2J2 L4		4	1294	7
205 XA, XL, XR	109N (XW7), 121	1980-	4	1124	6
205 XA, XL, XR	109F (XW7) L4	1980-	4	1124	6
205 XL, XR, XE, GL	TU9 L4 58CI		4	954	1
205 XR (XY7 Eng.)	150 (XY6B), 150	1983-	4	1360	6
205 XRA	G1A L4 79CI		4	1294	4
205 XT,X5 (XY8 Eng.)	150 (XY6B), 150	1983-	4	1360	6
205D GLD, GRD,	161A (XUD7) L4	1984-	4	1769	21
205D GLD, GRD,	A9A (XUD7) L4	1984-	4	1769	21
206 1.1i	HFX/Z (TU1JP) L4	09.1998-	4	1124	9
206 1.4i	TU 3 JP L4 83CI	09.1998-	4	1361	9
206 1.4i 16V	KFU (ET3J4) L4	10.2003-	4	1360	9
206 1.6 HDI 16V	9HY/Z (DV6TED4),	02/04-	4	1560	14
206 1.6 HDI 16V	9HV (DV6ATED4),	2005-	4	1560	14
206 HDi, 306 HDi	DW10TD L4 122CI	1999-	4	1997	25
206, 206 SW, 307	8HX (DV4TD) L4		4	1398	10
207 1.4i 16V	KFU (ET3J4) L4	02.2006-	4	1360	9
207 1.6 HDI 16V	9HY/Z (DV6TED4),	2005-	4	1560	14
207 1.6 HDI 16V	9HV (DV6ATED4),	2005-	4	1560	14
304 D,GLD,Break	149 (XID) L4 94CI	1980-	4	1548	13
304 GL, SL,	XL5 L4 79CI	1977-80	4	1290	11
304 GLD, 304 GL Break	XL4D L4 83CI	1977-	4	1357	5
304 Le, Break GL,	XK5 L4 69CI	1976-79	4	1127	11
304 M 01,304 M 02	XL5 L4 79CI	1976-	4	1290	11
304D 304GLD	XL4D L4 83CI	1976-79	4	1357	5
305 Break Gt Automatic	180A (XU5J) L4		4	1580	15
305 Break Gt Automatic	171 (XU5S) L4		4	1580	15
305 Break Gt Automatic	B1A (XU51C) L4		4	1580	15
305 Break Gt Automatic	BFZ (XU5JP) L4		4	1580	15
305 Break Gt Automatic	BDZ (XU5M) L4		4	1580	15
305 Break,305	117 (XR5S) L4	1983-	4	1472	11
305 Break,Break	D9A (XUD9) L4	1983-	4	1905	21
305 Break,Break	DJY (XUD9A) L4	1983-	4	1905	21
305 D, GRD,	149 (XID) L4 94CI	1980-	4	1548	13
305	D9A (XUD9) L4	1982-	4	1905	21
305	DJY (XUD9A) L4	1982-	4	1905	21
305 GL, GR,Break GL	XL5 L4 79CI	1977-86	4	1290	11
305 GLD Break II	D9A (XUD9) L4	1983-	4	1905	21
305 GLD Break II	DJY (XUD9A) L4	1983-	4	1905	21
305 GLD II Series305	D9A (XUD9) L4	1983-	4	1905	21
305 GLD II Series305	DJY (XUD9A) L4	1983-	4	1905	21
305 GLD,GRD Export	161A (XUD7) L4	1987-	4	1769	21
305 GLD,GRD Export	A9A (XUD7) L4	1987-	4	1769	21
305 GT, GR, GL, GLS,	180A (XU5J) L4	1982-	4	1580	15
305 GT, GR, GL, GLS,	171 (XU5S) L4	1982-	4	1580	15
305 GT, GR, GL, GLS,	B1A (XU51C) L4	1982-	4	1580	15
305 GT, GR, GL, GLS,	BFZ (XU5JP) L4	1982-	4	1580	15
305 GT, GR, GL, GLS,	BDZ (XU5M) L4	1982-	4	1580	15
305 GTX,159 A305 GTX	D6C (XU9J4) L4	1984-	4	1905	23
305 Serie II	XL5 L4 79CI	1983-	4	1290	11









Model	Engine	Years	Cyl	CC	Line
305GL, GR, S, SR,EXL	117 (XR5S) L4	1977-	4	1472	11
306	LFY (XU7JP4) L4		4	1761	18
306	LFZ (XU7JP) L4		4	1762	18
306 1.4i	TU 3 JP L4 83CI	09.1996-	4	1361	9
307 1.4i	TU 3 JP L4 83CI	08.2000-	4	1361	9
307 1.4i 16V	KFU (ET3J4) L4	11.2003-	4	1360	9
307 1.6 HDI 16V	9HY/Z (DV6TED4),	02/04-	4	1560	14
307 1.6 HDI 16V	9HV (DV6ATED4),	2005-	4	1560	14
307 HDi	DW10TD L4 122CI	2001-	4	1997	25
307 HDi	DW10ATED L4	2001-	4	1997	25
308 1.6 HDI 16V	9HY/Z (DV6TED4),	2007-	4	1560	14
308 1.6 HDI 16V	9HV (DV6ATED4),	2007-	4	1560	14
309	161A (XUD7) L4	1988-	4	1769	21
309	A9A (XUD7) L4	1988-	4	1769	21
309	D9A (XUD9) L4	1982	4	1905	21
309	DJY (XUD9A) L4	1982	4	1905	21
309 GE, XE,Chorus	H1B (TU1), HDY/Z		4	1124	7
309 GE, XE,Chorus	HFX (TU1A) L4		4	1124	7
309	180A (XU5J) L4	1985-	4	1580	15
309	171 (XU5S) L4	1985-	4	1580	15
309	B1A (XU51C) L4	1985-	4	1580	15
309	BFZ (XU5JP) L4	1985-	4	1580	15
309	BDZ (XU5M) L4	1985-	4	1580	15
309 GL-Profil	G1A L4 79CI		4	1294	4
309 GR	G1A L4 79CI		4	1294	4
309 GT	D6C (XU9J4) L4	1984-	4	1905	23
309 GTi, 1.9	D2A (XU92C) L4		4	1905	23
309 GTi, 1.9	DDZ (XU9M) L4		4	1905	23
309 GTi, 1.9	D6B (XU9JA) L4		4	1905	23
309 GTi, 1.9	159 (XU9S) L4		4	1905	23
309 GTi, 1.9	D6A (XU9J2) L4		4	1905	23
309 SX	180A (XU5J) L4	1989-	4	1580	15
309 SX	171 (XU5S) L4	1989-	4	1580	15
309 SX	B1A (XU51C) L4	1989-	4	1580	15
309 SX	BFZ (XU5JP) L4	1989-	4	1580	15
309 SX	BDZ (XU5M) L4	1989-	4	1580	15
309 SX 1,9L	D6C (XU9J4) L4	1989-	4	1905	23
309 XAD,XLD,	D9A (XUD9) L4	1988-	4	1905	21
309 XAD,XLD,	DJY (XUD9A) L4	1988-	4	1905	21
309 XE	E1 L4 68CI		4	1118	4
309 XL Profil	G1A L4 79CI	1988-	4	1294	4
309 XL, GL,Profil,GR	K1D (TU3A) L4		4	1361	7
309XR,309SX	180A (XU5J) L4	1988-	4	1580	15
309XR,309SX	171 (XU5S) L4	1988-	4	1580	15
309XR,309SX	B1A (XU51C) L4	1988-	4	1580	15
309XR,309SX	BFZ (XU5JP) L4	1988-	4	1580	15
309XR,309SX	BDZ (XU5M) L4	1988-	4	1580	15
403D, 403B7 (TMD 85	XDP85 L4 110CI	1958-	4	1816	20
404	XDP88 L4 119CI	1963-75	4	1948	26
404 U7,U8A,404L Break	XC5P/XC7P L4	1970-79	4	1618	17
404 UXD Camionnette	XDP88 L4 119CI	1975-	4	1948	26
404D, DA, LD (XD 85	XDP85 L4 110CI	1958-	4	1816	20
404D, LD	147 (XD2S) L4		4	2304	29
404D,LD	XD90 L4 129CI		4	2112	26
405	LFY (XU7JP4) L4		4	1761	18
405	LFZ (XU7JP) L4		4	1762	18
405 GE, GL, GR	180A (XU5J) L4	1987-	4	1580	15
405 GE, GL, GR	171 (XU5S) L4	1987-	4	1580	15
405 GE, GL, GR	B1A (XU51C) L4	1987-	4	1580	15
405 GE, GL, GR	BFZ (XU5JP) L4	1987-	4	1580	15
405 GE, GL, GR	BDZ (XU5M) L4	1987-	4	1580	15
405 GL	K1D (TU3A) L4		4	1361	7
405 GLD, GRD	D9A (XUD9) L4	1988-	4	1905	21
405 GLD, GRD	DJY (XUD9A) L4	1988-	4	1905	21
405 GLD,GRD Break	D9A (XUD9) L4	1988-	4	1905	21

Model	Engine	Years	Cyl	CC	Line
405 GLD,GRD Break	DJY (XUD9A) L4	1988-	4	1905	21
405 GR, SR, 405 GR,	D6C (XU9J4) L4	1988-	4	1905	23
405 GRD	A8A (XUD7TE) L4		4	1769	22
405 GRD	A8B (XUD7TE) L4		4	1769	22
405 GRD Turbo	A8A (XUD7TE) L4	1988-	4	1769	22
405 GRD Turbo	A8B (XUD7TE) L4	1988-	4	1769	22
405 GRD Turbo Break	A8A (XUD7TE) L4	1989-	4	1769	22
405 GRD Turbo Break	A8B (XUD7TE) L4	1989-	4	1769	22
405 GRX,SRX 4	D6C (XU9J4) L4	1989-	4	1905	23
405 GRi, SRi, GTXiMI,	D2A (XU92C) L4		4	1905	23
405 GRi, SRi, GTXiMI,	DDZ (XU9M) L4		4	1905	23
405 GRi, SRi, GTXiMI,	D6B (XU9JA) L4		4	1905	23
405 GRi, SRi, GTXiMI,	159 (XU9S) L4		4	1905	23
405 GRi, SRi, GTXiMI,	D6A (XU9J2) L4		4	1905	23
405 SR,GL Break,GR	180A (XU5J) L4	1988-	4	1580	15
405 SR,GL Break,GR	171 (XU5S) L4	1988-	4	1580	15
405 SR,GL Break,GR	B1A (XU51C) L4	1988-	4	1580	15
405 SR,GL Break,GR	BFZ (XU5JP) L4	1988-	4	1580	15
405 SR,GL Break,GR	BDZ (XU5M) L4	1988-	4	1580	15
405 SRD Turbo, Break	A8A (XUD7TE) L4	1988-	4	1769	22
405 SRD Turbo, Break	A8B (XUD7TE) L4	1988-	4	1769	22
405,Auto,GL,GR,SR	D6C (XU9J4) L4	1988	4	1905	23
406	LFY (XU7JP4) L4		4	1761	18
406	LFZ (XU7JP) L4		4	1762	18
406 HDi	DW10TD L4 122CI	1998-	4	1997	25
406 HDi	DW10ATED L4	05/1999-	4	1997	25
407 1.6 HDi 16V	9HV (DV6ATED4),	2005-	4	1560	14
504	XD90 L4 129CI	1967-78	4	2112	26
504 F 20 Ambulance	XD90 L4 129CI	1973-	4	2112	26
504 F 40	147 (XD2S) L4	1978-	4	2304	29
504 F 40, 504 H	152A (XD3T) L4	1978-	4	2498	35
504 GLD, 504	152A (XD3T) L4	1977-	4	2498	35
504 H 40 Ambulance	147 (XD2S) L4	1978-	4	2304	29
504 V 6, Coupe,Coupe	112 (ZM) V6 163CI	1974-83	6	2664	36
504 Van, F20, H20, U20	XD90 L4 129CI	1967-78	4	2112	26
504D, GRD, GLD,	147 (XD2S) L4	1976-82	4	2304	29
504D, LD, GRD,	XDP88 L4 119CI	1971-79	4	1948	26
504GLD, 505GRD,	152A (XD3T) L4	1980-	4	2498	35
505 GDR, SRD	XDP88 L4 119CI		4	1948	26
505 GDR, SRD	XD90 L4 129CI		4	2112	26
505 GL, GR, SR, SX,	105C L4 110CI	1986-	4	1796	19
505 GRD,GLD	155 (XD3) L4	1984-	4	2498	35
505 GRD,GLD,SRD,	155 (XD3) L4	1984	4	2498	35
505 GTD, Break,	XD3P L4 152CI	1986	4	2498	35
505 GTD,STD Turbo	XD3P L4 152CI	1984-	4	2498	35
505 GTDT, STDT	XD3P L4 152CI	1989-	4	2498	35
505 GTi Familiare,GTX	851 (ZDJ) L4 132CI	1986-	4	2165	28
505 STi V 6	154X (ZN3J) V6		6	2849	36
505 SXD	155 (XD3) L4	1982-	4	2498	35
505 Ti, STi	829 (ZEJ) L4 122CI	1979-81	4	1995	24
505 V6 S	154X (ZN3J) V6	1983-86	6	2849	36
505, A 01	XC5P/XC7P L4		4	1618	17
505D, GRD,SRD	147 (XD2S) L4	1980-	4	2304	29
604 D, GTD,GRD Turbo	XD3P L4 152CI	1984-	4	2498	35
604 GTD	155 (XD3) L4		4	2498	35
604 GTi, STi	154X (ZN3J) V6	1983-86	6	2849	36
604 Ti, STi V 6,SL	112 (ZM) V6 163CI	1974-83	6	2664	36
605 (6B) 2.5 TD	THY (DK5ATE) L4	07.1994-	4	2446	31
607 HDi	DW10ATED L4	05/2000-	4	1997	25
806	LFY (XU7JP4) L4		4	1761	18
806	LFZ (XU7JP) L4		4	1762	18
806 HDi	DW10ATED L4	01/2001-	4	1997	25
806 HDi, Expert HDi	DW10ATED4 L4	01/2001-	4	1997	25

Model	Engine	Years	Cyl	CC	Line
BM4, BM5	D9A (XUD9) L4	1982-	4	1905	21
BM4, BM5	DJY (XUD9A) L4	1982-	4	1905	21
Berline, Break	155 (XD3) L4	1982-	4	2498	35
Bloc 1 Partie	XK L4 69CI		4	1130	3
Bloc 2 Parties	XK L4 69CI		4	1130	3
Boxer	T9A (DJ5) L4	03.1994-	4	2446	30
Boxer 2.5 TD	THX (DJ5TED) L4	01.1997-	4	2446	32
Boxer 2.5TD	T8A (DJ5T) L4	03.1994-	4	2446	31
Boxer Box	T9A (DJ5) L4	03.1994-	4	2446	30
Boxer Box	THX (DJ5TED) L4	01.1997-	4	2446	32
Boxer Bus	T9A (DJ5) L4	08.1994-	4	2446	30
Boxer Bus 2.5TD	T8A (DJ5T) L4	03.1994-	4	2446	31
Boxer Bus 2.5TD	THX (DJ5TED) L4	01.1997-	4	2446	32
Break Evasion	D2A (XU92C) L4		4	1905	23
Break Evasion	DDZ (XU9M) L4		4	1905	23
Break Evasion	D6B (XU9JA) L4		4	1905	23
Break Evasion	159 (XU9S) L4		4	1905	23
Break Evasion	D6A (XU9J2) L4		4	1905	23
Break GLD, GRD, SRD	155 (XD3) L4	1982-	4	2498	35
Break SR, GL 1500	117 (XR5S) L4	1977-	4	1472	11
Commerciale E 20	XDP88 L4 119CI		4	1948	26
D11, A11, A12	117 (XR5S) L4	1977-	4	1472	11
D20, T20/30	149 (XID) L4 94CI	1980-	4	1548	13
Expert	DW10ATED L4	09/2000-	4	1997	25
Expert HDi	DW10BTED4 L4	01/2001-	4	1997	25
Expert HDi	DW10CTED L4	01/2001	4	1997	25
Expert HDi	DW10BTED L4	01/2001-	4	1997	25
F20, XD88, V20, U20	XDP88 L4 119CI		4	1948	26
Fourgon J7BD,	XDP88 L4 119CI	1968-79	4	1948	26
J 7 E 1400, J 7 PZ	XC5P/XC7P L4	1973-	4	1618	17
J5 Turbo	CRD93LS	1987-	4	2498	34
J5/35D,1000,1300	CRD93 (U25/661)	1980-83	4	2498	33
J7 B, BD PX Py,PZXD	147 (XD2S) L4	1976-82	4	2304	29
J7 BD 1400J7 GD 1400	XDP88 L4 119CI	1964-	4	1948	26
J7	XD90 L4 129CI	1967-78	4	2112	26
J7 E, F	XC5P/XC7P L4	1970-80	4	1618	17
J7, J7 AD (XDP 85	XDP85 L4 110CI	1966-	4	1816	20
J9	147 (XD2S) L4	1976-82	4	2304	29
J9 1400, J9 1500	XC5P/XC7P L4	1980-	4	1618	17
J9 1500	XD90 L4 129CI	1983-	4	2112	26
J9, B4	155 (XD3) L4	1982-	4	2498	35
J9, J7, PZ 30	XDP88 L4 119CI		4	1948	26
J9,XDP 90, 1400 KG	XD90 L4 129CI	1967-78	4	2112	26
PARTNER	LFY (XU7JP4) L4		4	1761	18
PARTNER	LFZ (XU7JP) L4		4	1762	18
Partner 1.1i	HFX/Z (TU1JP) L4	07.1996	4	1124	9
Partner 1.4i	TU 3 JP L4 83CI	07.1996-	4	1361	9
Partner HDi	DW10TD L4 122CI	1999-	4	1997	25
Ranch 1.4i	TU 3 JP L4 83CI	07.1997-	4	1361	9
Ranch 1.6 HDi 16V	9HY/Z (DV6TED4),	2005-	4	1560	14
SRD Turbo	A8A (XUD7TE) L4	1988-	4	1769	22
SRD Turbo	A8B (XUD7TE) L4	1988-	4	1769	22
TMD 88	XDP88 L4 119CI		4	1948	26
UO1, U10, PZ10	XC5P/XC7P L4	1970-	4	1618	17
XD 90, TMP 90	XD90 L4 129CI		4	2112	26
Z1100 GL, GR	109N (XW7), 121	1980-	4	1124	6
Z1100 GL, GR	109F (XW7) L4	1980-	4	1124	6
ZX Reflex,Advantage	K1D (TU3A) L4	1986-	4	1361	7

PEUGEOT				PEUGEOT			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	TU9 L4 58CI /1.0Liter, SOHC/OHC, 8 Valves, Gasoline	01/1987-03/2001	954 cc	70.00 X 62.00	4 cyl	106 XN, 205 Junior, 205 XL, XR, XE, GL	1
	CDY/CDZ (TU9M) L4 58CI /1.0Liter, SOHC/OHC, 8 Valves, Gasoline	01/1987-09/1998	954 cc	70.00 X 62.00	4 cyl		
CR4128AM STD/.3/.5/.8/1.0 <i>8 half bearing shells with one 4mm hole from 7/1989.</i> <i>8 plain halves</i> CLE:CB-1333AL (4) GLA:B4705SA GLY:01-4123/4 VAN:VPR92150A	C4128	4 Pairs		1.4957/ 1.4964 37.991/ 38.009	1.6192/ 1.6198 41.128/ 41.143	0.6319 16.05	0.0610 1.549
MB5569AM STD/.3/.5/.8/1.0 CLE:MS-1612AL FMO:7023M GLA:M5477SA GLY:H1071/5 K.S:77 127 608 VAN:VPM95133A	M5569U	2 Pairs	2-4	1.9671/ 1.9678 49.964/ 49.982	2.1124/ 2.1131 53.655/ 53.673	0.6807 17.29	0.0722 1.834
	M5569L	3 Pairs	1-3-5	1.9671/ 1.9678 49.964/ 49.982	2.1124/ 2.1131 53.655/ 53.673	0.6807 17.29	0.0722 1.834
TW 132AM CLE:TW- 232S FMO:62047BFA GLA:W2243L GLY:A202/2 K.S:78 853 608 VAN:VPW95091	W 132	1 Pair		2.1752/ 2.1850 55.250/ 55.499	2.8130/ 2.8228 71.450/ 71.699	0.0000 0.00	0.0925 2.350
2	129 (XZ5) L4 74CI /1.2Liter, SOHC/OHC, 8 Valves, Gasoline	10/1972-06/1988	1218 cc	75.00 X 69.00	4 cyl	104 SR,S, ZS,GR Export(Eng 121	2
CR4493AM STD/.3/.5/.8/1.0/1.25/1.5 <i>8 plain halves</i> CLE:CB- 993AL (4) FMO:4-62045RA GLA:B4558SA GLY:01-4173/4 VAN:VPR91850A	C4493	4 Pairs		1.7707/ 1.7713 44.976/ 44.991	1.9155/ 1.9162 48.654/ 48.671	0.7780 19.76	0.0717 1.821
MB5508AM STD/.3/.5/.8/1.0/1.25/1.5 <i>3 plain half bearing shells + 7 half bearing shells with one5mm hole at 42 degrees from the centre line, and one slot 2.5 wide at the bottom of the groove.</i> CLE:MS-1351AL FMO:6380M GLA:M5379SA GLY:H996/5 K.S:77 122 608 VAN:VPM91851A	M5508U M 576L	3 Pairs	1-3-5	1.9670/ 1.9677 49.962/ 49.980	2.1124/ 2.1131 53.655/ 53.673	0.6810 17.30	0.0710 1.803
	M5508U	2 Pairs	2-4	1.9670/ 1.9677 49.962/ 49.980	2.1124/ 2.1131 53.655/ 53.673	0.6810 17.30	0.0710 1.803
TW 132AM CLE:TW- 232S FMO:62047BFA GLA:W2243L GLY:A202/2 K.S:78 853 608 VAN:VPW95091	W 132	1 Pair		2.1752/ 2.1850 55.250/ 55.499	2.8130/ 2.8228 71.450/ 71.699	0.0000 0.00	0.0925 2.350
3	XK L4 69CI /1.1Liter, SOHC/OHC, 8 Valves, Diesel	11/1975-07/1988	1130 cc	75.00 X 64.00	4 cyl	204 2nd & 3rd Series, 204 C Cabriolet SL204 C Coupe, 204 GL, 204 U4 Fourgonnnte, 204,204b BREAK,204CCoupe., Bloc 1 Partie, Bloc 2 Parties	3
	XL3 L4 79CI /1.3Liter, SOHC/OHC, 8 Valves, Diesel	-	1290 cc	76.00 X 71.00	4 cyl		
CR4402AM STD/.3/.5/.8/1.0/1.25/1.5 <i>8 plain half bearing shells drilled with 1 hole.</i> FMO:4-60480RA GLA:B4460SA GLY:4-60480RA VAN:VPR91190A	C4402	4 Pairs		1.7707/ 1.7713 44.976/ 44.991	1.9155/ 1.9162 48.654/ 48.671	0.8430 21.41	0.0720 1.829
MB 518AM .3/.5/.8/1.0/1.25/1.5 <i>3 plain half bearing shells. 7 slotted half bearing shells with 1 hole.</i> FMO:6297M GLA:M5287SA VAN:VPM91521A	M 518/1 M 518/2	3 Pairs		1.8497/ 1.8503 46.982/ 46.998	2.0422/ 2.0430 51.872/ 51.892	0.6870 17.45	0.0960 2.438
	M 518/1	2 Pairs		1.8497/ 1.8503 46.982/ 46.998	2.0422/ 2.0430 51.872/ 51.892	0.7020 17.83	0.0960 2.438
TW 119AM FMO:60481BF GLA:W2154L							
4	E1 L4 68CI /1.1Liter, OHV, 8 Valves, Gasoline	10/1985-09/1998	1118 cc	74.00 X 65.00	4 cyl	309 XE	4
	G1A L4 79CI /1.3Liter, SOHC/OHC, 8 Valves, Gasoline	02/1983-09/1998	1294 cc	76.70 X 70.00	4 cyl	205 XRA, 309 GL-Profil, 309 GR, 309 XL Profil	









PEUGEOT				PEUGEOT				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
CR4432AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:4B9410 CLE:CB- 833AL(4) FMO:4-61820RA GLA:B4507SA GLY:01-4172/4 VAN:VPR91302A	C4432	4 Pairs		1.6126/ 1.6129 40.960/ 40.968	1.7325/ 1.7328 44.006/ 44.013	0.7570 19.23	0.0594 1.509	
MB 537AM STD/.25/.5/.75/1.0/1.25/1.5 <i>2 plain 18.6mm wide half bearing shells. 6 grooved 18.6mm wide half bearing shells with 2 holes. 1 plain 24.6mm wide half bearing shell. 1 grooved 24.6mm wide half bearing shell with 1 hole.</i> ACL:5M9312 CLE:MS- 984AL FMO:4908M GLA:M5278SA GLY:H1031/5 VAN:VPM91355	M 537/1U M 537/1L	2 Pairs	1-5	2.0459/ 2.0463 51.966/ 51.976	2.2000/ 2.2005 55.880/ 55.893	0.7350 18.67	0.0758 1.925	
	M 537/1U	2 Pairs	2-4	2.0459/ 2.0463 51.966/ 51.976	2.2000/ 2.2005 55.880/ 55.893	0.7350 18.67	0.0758 1.925	
	M 537/3U M 537/3L	1 Pair	3	2.0459/ 2.0463 51.966/ 51.976	2.2000/ 2.2005 55.880/ 55.893	0.9720 24.69	0.0758 1.925	
TW 123AM <i>Under Development</i> FMO:61823BFA GLA:W2195SA GLY:A236/2 VAN:VPW95028	W 123	1 Pair		2.2500/ 2.2600 57.150/ 57.404	2.9130/ 2.9230 73.990/ 74.244	0.0000 0.00	0.0920 2.337	
5	XL4D L4 83CI /1.4Liter, SOHC/OHC, 8 Valves, Diesel	-	1357 cc	78.00 X 71.00	4 cyl	204D BDA Break, 304 GLD, 304 GL Break, 304D 304GLD Berline,Break304	5	
CR4402AM STD/.3/.5/.8/1.0/1.25/1.5 FMO:4-60480RA GLA:B4460SA GLY:4-60480RA VAN:VPR91190A	C4402	4 Pairs		1.7707/ 1.7713 44.976/ 44.991	1.9155/ 1.9162 48.654/ 48.671	0.8430 21.41	0.0720 1.829	
MB5509AM <i>5 plain half bearing shells, 5 slotted half bearing shells with 1 hole.</i> FMO:6273M GLA:M5237SA OEM:RF0123135A VAN:VPM91191A	M 518/1 M 518/2	5 Pairs		1.8497/ 1.8503 46.982/ 46.998	2.0422/ 2.0430 51.872/ 51.892	0.6870 17.45	0.0960 2.438	
TW 119AM FMO:60481BF GLA:W2154L								
6	108 (XV3, XV5), 108C (XV8) L4 58CI /1.0Liter, SOHC/OHC, 8 Valves, Gasoline	10/1972-06/1988	954 cc	70.00 X 62.00	4 cyl	104 Coupe, 104 Coupe ZL, 104 L, GL, GR, ZA, ZL, ZR, 104 Z, 104 ZA, 104 ZA, 205 L, GL, XE, XL	6	
	XW3S, 109 (XW3) L4 69CI /1.1Liter, SOHC/OHC, 8 Valves, Gasoline	10/1972-06/1988	1124 cc	72.00 X 69.00	4 cyl	104 GL, GR, 104 GL6, SL, ZS, ZL, Sungdau, 104 S, SR, 104 ZL, Coupe ZsBerline GL 6, ZS, 104 ZR		
	109N (XW7), 121 (XW3S) L4 69CI /1.1Liter, SOHC/OHC, 8 Valves, Gasoline	09/1973-09/1998	1124 cc	72.00 X 69.00	4 cyl	104 GLS, 104 Style Z, 104 Z Plus, 104 ZL, 104Z, ZR, ZA, GL, GR, 205 A, 205 XL, 205 XR, 205 GL, GR, 1100, 205 XA, XL, XR, Z1100 GL, GR		
	109F (XW7) L4 69CI /1.1Liter, SOHC/OHC, 8 Valves, Gasoline	10/1972-06/1988	1124 cc	72.00 X 69.00	4 cyl	104 GLS, 104 Style Z, 104 Z Plus, 104 ZL, 104Z, ZR, ZA, GL, GR, 205 A, 205 XL, 205 XR, 205 GL, GR, 1100, 205 XA, XL, XR, Z1100 GL, GR		
	150 (XY6B), 150 B/H(XY8), 150 D/G(XY7) L4 83CI /1.4Liter, SOHC/OHC, 8 Valves, Gasoline	10/1972-09/1998	1360 cc	75.00 X 77.00	4 cyl	104 2e Modele ZS 1400, 104 S, ZS 2e Modele, 205 XR (XY7 Eng.), 205 XT, X5 (XY8 Eng.)		
CR4493AM STD/.3/.5/.8/1.0/1.25/1.5 CLE:CB- 993AL(4) FMO:4-62045RA GLA:B4558SA GLY:01-4173/4 VAN:VPR91850A	C4493	4 Pairs		1.7707/ 1.7713 44.976/ 44.991	1.9155/ 1.9162 48.654/ 48.671	0.7780 19.76	0.0717 1.821	
MB5508AM STD/.3/.5/.8/1.0/1.25/1.5 <i>1973-85</i> <i>3 plain half bearing shells + 7 half bearing shells with one 5mm hole at 42 degrees from the centre line, and one slot 2.5 wide at the bottom of the groove.</i> CLE:MS-1351AL FMO:6380M GLA:M5379SA GLY:H996/5 K.S:77 122 608 VAN:VPM91851A	M5508U M 576L	3 Pairs	1-3-5	1.9670/ 1.9677 49.962/ 49.980	2.1124/ 2.1131 53.655/ 53.673	0.6810 17.30	0.0710 1.803	
	M5508U	2 Pairs	2-4	1.9670/ 1.9677 49.962/ 49.980	2.1124/ 2.1131 53.655/ 53.673	0.6810 17.30	0.0710 1.803	

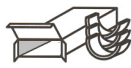




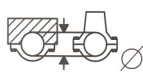


PEUGEOT				PEUGEOT			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
MB5569AM STD/3/5/8/1.0 1985- CLE:MS-1612AL FMO:7023M GLA:M5477SA GLY:H1071/5 K.S:77 127 608 VAN:VPM95133A	M5569U	2 Pairs	2-4	1.9671/ 1.9678 49.964/ 49.982	2.1124/ 2.1131 53.655/ 53.673	0.6807 17.29	0.0722 1.834
	M5569L	3 Pairs	1-3-5	1.9671/ 1.9678 49.964/ 49.982	2.1124/ 2.1131 53.655/ 53.673	0.6807 17.29	0.0722 1.834
TW 132AM CLE:TW- 232S FMO:62047BFA GLA:W2243L GLY:A202/2 K.S:78 853 608 VAN:VPW95091	W 132	1 Pair		2.1752/ 2.1850 55.250/ 55.499	2.8130/ 2.8228 71.450/ 71.699	0.0000 0.00	0.0925 2.350
7	H1B (TU1), HDY/Z (TU1M) L4 69CI /1.1Liter, SOHC/OHC, 8 Valves, Gasoline	04/1996- 08/2001	1124 cc	72.00 X 69.00	4 cyl	106 XR, XN, 205 GL, GR, XL, XR, 309 GE, XE,Chorus	7
	HFX (TU1A) L4 69CI /1.1Liter, SOHC/OHC, 8 Valves, Gasoline	01/2009-	1124 cc	72.00 X 69.00	4 cyl	106 XR, XN, 205 GL, GR, XL, XR, 309 GE, XE,Chorus	
	TU24, TU2J2 L4 79CI /1.3Liter, SOHC/OHC, 8 Valves, Gasoline	01/1987- 09/1998	1294 cc	75.00 X 73.20	4 cyl	205 Rallye, M-4A	
	KFW (TU3A) L4 83CI /1.4Liter, SOHC/OHC, 8 Valves, Gasoline	01/1987- 04/2002	1360 cc	75.00 X 77.00	4 cyl	106 XR, XT	
	K1D (TU3A) L4 83CI /1.4Liter, SOHC/OHC, 8 Valves, Gasoline	10/1985- 08/2001	1361 cc	75.00 X 77.00	4 cyl	106 XR, XT, XSi, 205 GR, GT, SR, CJ,CT,XT,XS,XR, 205 GT Cabriolet, 205 GT, XS,XS,Roland Gross, 309 XL, GL,Profil,GR, 405 GL, ZX Reflex,Advantage	
CR4493AM STD/3/5/8/1.0/1.25/1.5 8 plain halves CLE:CB- 993AL (4) FMO:4-62045RA GLA:B4558SA GLY:01-4173/4 VAN:VPR91850A	C4493	4 Pairs		1.7707/ 1.7713 44.976/ 44.991	1.9155/ 1.9162 48.654/ 48.671	0.7780 19.76	0.0717 1.821
MB5569AM STD/3/5/8/1.0 CLE:MS-1612AL FMO:7023M GLA:M5477SA GLY:H1071/5 K.S:77 127 608 VAN:VPM95133A	M5569U	2 Pairs	2-4	1.9671/ 1.9678 49.964/ 49.982	2.1124/ 2.1131 53.655/ 53.673	0.6807 17.29	0.0722 1.834
	M5569L	3 Pairs	1-3-5	1.9671/ 1.9678 49.964/ 49.982	2.1124/ 2.1131 53.655/ 53.673	0.6807 17.29	0.0722 1.834
TW 132AM CLE:TW- 232S FMO:62047BFA GLA:W2243L GLY:A202/2 K.S:78 853 608 VAN:VPW95091	W 132	1 Pair		2.1752/ 2.1850 55.250/ 55.499	2.8130/ 2.8228 71.450/ 71.699	0.0000 0.00	0.0925 2.350
8	K9Y (TUD3Y) L4 83CI /1.4Liter, SOHC/OHC, 8 Valves, Diesel	08/1991- 04/1996	1361 cc	75.00 X 77.00	4 cyl	106	8
CR4198AM STD/3/5/8/1.0 SUPERSEDED BY CR4198AM CLE:CB-1546AL (4) GLA:B4724SA GLY:01-4165/4 VAN:VPR92570A	C4198	4 Pairs		1.7707/ 1.7713 44.976/ 44.991	1.9155/ 1.9162 48.654/ 48.671	0.7780 19.76	0.0717 1.821
MB5569AM STD/3/5/8/1.0 CLE:MS-1612AL FMO:7023M GLA:M5477SA GLY:H1071/5 K.S:77 127 608 VAN:VPM95133A	M5569U	2 Pairs	2-4	1.9671/ 1.9678 49.964/ 49.982	2.1124/ 2.1131 53.655/ 53.673	0.6807 17.29	0.0722 1.834
	M5569L	3 Pairs	1-3-5	1.9671/ 1.9678 49.964/ 49.982	2.1124/ 2.1131 53.655/ 53.673	0.6807 17.29	0.0722 1.834
TW 132AM CLE:TW- 232S FMO:62047BFA GLA:W2243L GLY:A202/2 K.S:78 853 608 VAN:VPW95091	W 132	1 Pair		2.1752/ 2.1850 55.250/ 55.499	2.8130/ 2.8228 71.450/ 71.699	0.0000 0.00	0.0925 2.350
9	HFX/Z (TU1JP) L4 69CI /1.1Liter, SOHC/OHC, 8 Valves, Gasoline	04/1996-	1124 cc	72.00 X 69.00	4 cyl	106 1.1i, 206 1.1i, Partner 1.1i	9
	KFU (ET3J4) L4 83CI /1.4Liter, DOHC, 16 Valves, Gasoline	08/1998-	1360 cc	75.00 X 77.00	4 cyl	1007 1.4i 16V, 206 1.4i 16V, 207 1.4i 16V, 307 1.4i 16V	
	TU 3 JP L4 83CI /1.4Liter, SOHC/OHC, 8 Valves, Gasoline	08/1998-	1361 cc	75.00 X 77.00	4 cyl	1007 1.4i, 106 1.4i, 205 1.4i, 206 1.4i, 306 1.4i, 307 1.4i, Partner 1.4i, Ranch 1.4i	
CR4516SI STD/3/5/8/1.0 GLY:4-4650RA K.S:77 735 600	C4516U C4493	4 Pairs		1.7707/ 1.7713 44.976/ 44.991	1.9155/ 1.9162 48.654/ 48.671	0.7795 19.80	0.0717 1.821









PEUGEOT				PEUGEOT				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
OEM: 0606 P8 MB5569AM STD./3./5./8/1.0 CLE: MS-1612AL FMO: 7023M GLA: M5477SA GLY: H1071/5 K.S: 77 127 608 VAN: VPM95133A								
	M5569U	2 Pairs	2-4	1.9671/ 1.9678 49.964/ 49.982	2.1124/ 2.1131 53.655/ 53.673	0.6807 17.29	0.0722 1.834	
	M5569L	3 Pairs	1-3-5	1.9671/ 1.9678 49.964/ 49.982	2.1124/ 2.1131 53.655/ 53.673	0.6807 17.29	0.0722 1.834	
TW 132AM CLE: TW- 232S FMO: 62047BFA GLA: W2243L GLY: A202/2 K.S: 78 853 608 VAN: VPM95091								
	W 132	1 Pair		2.1752/ 2.1850 55.250/ 55.499	2.8130/ 2.8228 71.450/ 71.699	0.0000 0.00	0.0925 2.350	
10	8HX (DV4TD) L4 85Cl /1.4Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge		08/1998-	1398 cc	73.70 X 82.00	4 cyl	206, 206 SW, 307	10
CR4353XA STD./3./5./8/1.0/1.25/1.5 GLY: 71-3986/4 OEM: ~ 0606.T0								
	C4353U C4353L	4 Pairs		0.0000/ 0.0000 0.000/ 0.000	1.9168/ 1.9174 48.687/ 48.702	0.6670 16.94	0.0710 1.803	
MB5399SI STD./3./5./8/1.0 GLY: H046/5 OEM: 0113.T5 VAN: VPM05047A								
	M5399U	5 Halves		1.9670/ 1.9678 49.962/ 49.982	2.1124/ 2.1131 53.655/ 53.673	0.8040 20.42	0.0710 1.803	
	M5399L	5 Halves		1.9670/ 1.9678 49.962/ 49.982	2.1124/ 2.1131 53.655/ 53.673	0.7840 19.91	0.0720 1.829	
TW 179AM GLY: A217/2 OEM: 2S6Q 6A339AA VAN: VPM01004A								
	W 179	1 Pair		2.1732/ 2.1843 55.199/ 55.481	2.8091/ 2.8228 71.351/ 71.699	0.0000 0.00	0.0960 2.438	
11	XK5 L4 69Cl /1.1Liter, SOHC/OHC, 8 Valves, Gasoline		10/1965-07/1990	1127 cc	78.00 X 59.00	4 cyl	204, 304 Le, Break GL, Fourgonnette	11
	XL5 L4 79Cl /1.3Liter, SOHC/OHC, 8 Valves, Gasoline		10/1969-09/1982	1290 cc	78.00 X 67.50	4 cyl	304 GL, SL, SLS,LEBreak 1300, 304 M 01,304 M 02 S304 D 11, 305 GL, GR,Break GL, 305 Serie II	
	117 (XR5S) L4 90Cl /1.5Liter, SOHC/OHC, 8 Valves, Gasoline		11/1977-07/1990	1472 cc	78.00 X 77.00	4 cyl	305 Break,305 BreakService, 305GL, GR, S, SR,EXL 581, Break SR, GL 1500, D11, A11, A12	
CR4493AM STD./3./5./8/1.0/1.25/1.5 8 plain halves CLE: CB- 993AL (4) FMO: 4-62045RA GLA: B4558SA GLY: 01-4173/4 VAN: VPR91850A								
	C4493	4 Pairs		1.7707/ 1.7713 44.976/ 44.991	1.9155/ 1.9162 48.654/ 48.671	0.7780 19.76	0.0717 1.821	
MB 531AM STD./3./5./8/1.0 Only for light alloy crankcase with cast iron main bearing cap FMO: 6548M GLA: M5386SA VAN: VPM91928								
	M 531U M 531L	5 Pairs		2.0877/ 2.0884 53.028/ 53.045	2.2371/ 2.2378 56.822/ 56.840	0.7594 19.29	0.0741 1.882	
MB 590AM STD./3./5./8/1.0/1.5 For engines with crankcase and bearing cap in light alloy. Locating lug on left side. FMO: 6475M GLA: M5353SA GLY: H1046/5 VAN: VPM91865A								
	M 531U M 590L	5 Pairs		2.0877/ 2.0884 53.028/ 53.045	2.2371/ 2.2378 56.822/ 56.840	0.7594 19.29	0.0741 1.882	
12	VJX/Y (TUD5) L4 93Cl /1.6Liter, SOHC/OHC, 8 Valves, Diesel		08/1991-03/2001	1527 cc	77.00 X 83.00	4 cyl	106 1.5D (Series 1)	12
CR4236AM STD./3./5./8/1.0 FMO: 4-4630RA GLA: B4845SA GLY: 01-4362/4 VAN: VPR93025A								
	C4236	4 Pairs		1.7707/ 1.7713 44.976/ 44.991	1.9156/ 1.9162 48.656/ 48.671	0.6890 17.50	0.0720 1.829	
MB5262AM FMO: 7196M GLA: M5627SA GLY: H1087/5 VAN: VPM93024A								
	M5262/1	3 Pairs	1,3,5	1.9671/ 1.9679 49.964/ 49.985	2.1146/ 2.1154 53.711/ 53.731	0.6728 17.09	0.0737 1.872	
	M5262/2	2 Pairs	2,4	1.9671/ 1.9679 49.964/ 49.985	2.1146/ 2.1154 53.711/ 53.731	0.6728 17.09	0.0737 1.872	
TW 132AM CLE: TW- 232S FMO: 62047BFA GLA: W2243L GLY: A202/2 K.S: 78 853 608 VAN: VPM95091								
	W 132	1 Pair		2.1752/ 2.1850 55.250/ 55.499	2.8130/ 2.8228 71.450/ 71.699	0.0000 0.00	0.0925 2.350	
13	149 (XID) L4 94Cl /1.6Liter, SOHC/OHC, 8 Valves, Diesel		11/1977-09/1982	1548 cc	80.00 X 77.00	4 cyl	304 D,GLD,Break Fourgonnette, 305 D, GRD,	13

PEUGEOT				PEUGEOT			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
						GLD,SRDBreak, D20, T20/30	
CR4158AM <i>Under Development</i> 8 plain half bearing shells with one 4mm off-centre hole. GLA:B4618SA GLY:01-4179/4 VAN:VPR91927A	C4158	4 Pairs		1.7707/ 1.7713 44.976/ 44.991	1.9155/ 1.9162 48.654/ 48.671	0.7780 19.76	0.0717 1.821
MB 531AM STD./3./5./8/1.0 Only for light alloy crankcase with cast iron main bearing cap FMO:6548M GLA:M5386SA VAN:VPM91928	M 531U M 531L	5 Pairs		2.0877/ 2.0884 53.028/ 53.045	2.2371/ 2.2378 56.822/ 56.840	0.7594 19.29	0.0741 1.882
MB 590AM STD./3./5./8/1.0/1.5 For engines with crankcase and bearing cap in light alloy. Locating lug on left side. FMO:6475M GLA:M5353SA GLY:H1046/5 VAN:VPM91865A	M 531U M 590L	5 Pairs		2.0877/ 2.0884 53.028/ 53.045	2.2371/ 2.2378 56.822/ 56.840	0.7594 19.29	0.0741 1.882
14	9HY/Z (DV6TED4), 9HX (DV6ATED4) L4 95CI /1.6Liter, DOHC, 16 Valves, Diesel Turbocharge	04/1996-	1560 cc	75.00 X 88.30	4 cyl	206 1.6 HDI 16V, 207 1.6 HDI 16V, 307 1.6 HDI 16V, 308 1.6 HDI 16V, Ranch 1.6 HDI 16V	14
	9HV (DV6ATED4), 9HU (DV6UTED4) L4 95CI /1.6Liter, DOHC, 16 Valves, Diesel Turbocharge	01/2007-	1560 cc	75.00 X 88.30	4 cyl	206 1.6 HDI 16V, 207 1.6 HDI 16V, 307 1.6 HDI 16V, 308 1.6 HDI 16V, 407 1.6 HDI 16V	
CR4503SX STD./25./3./5./75./8 <i>SUPERSEDED BY CR4503SX</i> GLY:71-4246/4 K.S:77 873 600 OEM:3M5Q 6211 AA VAN:VPR04521SP	C4503	4 Pairs		1.8494/ 1.8500 46.975/ 46.990	1.9943/ 1.9950 50.655/ 50.673	0.6693 17.00	0.0716 1.819
MB5399SI STD./3./5./8/1.0 GLY:H046/5 OEM:0113.T5 VAN:VPM05047A	M5399U M5399L	5 Halves 5 Halves		1.9670/ 1.9678 49.962/ 49.982 1.9670/ 1.9678 49.962/ 49.982	2.1124/ 2.1131 53.655/ 53.673 2.1124/ 2.1131 53.655/ 53.673	0.8040 20.42 0.7840 19.91	0.0710 1.803 0.0720 1.829
TW 179AM GLY:A217/2 OEM:2S6Q 6A339AA VAN:VFW01004A	W 179	1 Pair		2.1732/ 2.1843 55.199/ 55.481	2.8091/ 2.8228 71.351/ 71.699	0.0000 0.00	0.0960 2.438
15	180A (XU5J) L4 96CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	02/1983-09/1998	1580 cc	83.00 X 73.00	4 cyl	205 Automatic, 305 Break Gt Automatic, 305 GT, GR, GL, GLS., 309 GE, GL, GR, SR, Automatic, X E, 309 SX, 309XR, 309SX, 405 GE, GL, GR, 405 SR, GL Break, GR Break	15
	171 (XU5S) L4 96CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	10/1982-09/1998	1580 cc	83.00 X 73.00	4 cyl	205 Automatic, 305 Break Gt Automatic, 305 GT, GR, GL, GLS., 309 GE, GL, GR, SR, Automatic, X E, 309 SX, 309XR, 309SX, 405 GE, GL, GR, 405 SR, GL Break, GR Break	
	B1A (XU51C) L4 96CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	10/1982-09/1998	1580 cc	83.00 X 73.00	4 cyl	205 Automatic, 305 Break Gt Automatic, 305 GT, GR, GL, GLS., 309 GE, GL, GR, SR, Automatic, X E, 309 SX, 309XR, 309SX, 405 GE, GL, GR, 405 SR, GL Break, GR Break	
	BFZ (XU5JP) L4 96CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	08/1992-05/2004	1580 cc	83.00 X 73.00	4 cyl	205 Automatic, 305 Break Gt Automatic, 305 GT, GR, GL, GLS., 309 GE, GL, GR, SR, Automatic, X E, 309 SX, 309XR, 309SX, 405 GE, GL, GR, 405	






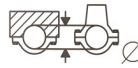


PEUGEOT				PEUGEOT				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
BDZ (XU5M) L4 96CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	01/1987-09/1998	1580 cc	83.00 X 73.00	4 cyl	SR, GL Break, GR Break 205 Automatic, 305 Break Gt Automatic, 305 GT, GR, GL, GLS., 309 GE, GL, GR, SR, Automatic, X E, 309 SX, 309XR, 309SX, 405 GE, GL, GR, 405 SR, GL Break, GR Break			
CR4001AM STD./3./5./8/1.0/1.25/1.5 CLE: CB- 654AL (4) FMO: 4-66720RA GLA: B4639 GLY: 01-4199/4 VAN: VPR92433	C4001	4 Pairs		1.7707/ 1.7713 44.976/ 44.991	1.9155/ 1.9162 48.654/ 48.671	0.7970 20.24	0.0720 1.829	
MB5182AM STD./3./5./8/1.0 5 bottom halves with one 4 mm hole at 27 degrees from the centre line (or crown). 5 top halves with one 4 mm hole at 27 degrees from the centre line (or crown), and also oil groove (3.5mm wide). CLE: MS-1649AL FMO: 7044M GLA: M5510SA VAN: VPM92255	M5536D M5536E	5 Pairs		2.3618/ 2.3622 59.990/ 60.000	2.5086/ 2.5089 63.718/ 63.726	0.7990 20.29	0.0730 1.854	
TW 246AM STD CLE: TW- 376S FMO: 66721BF GLA: W2317L GLY: A214/4 VAN: VPM95227	W 246D W 246E	2 Pairs		2.6398/ 2.6496 67.051/ 67.300	3.2697/ 3.2795 83.050/ 83.299	0.0000 0.00	0.0917 2.329	
16	NFU (TU5JP4) L4 97CI /1.6Liter, DOHC, 16 Valves, Gasoline	04/1996-	1587 cc	78.50 X 82.00	4 cyl	106 GTi	16	
	NFZ (TU5JP) L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	08/1991-04/2002	1587 cc	78.50 X 82.00	4 cyl	106 GTi		
CR4493AM STD./3./5./8/1.0/1.25/1.5 CLE: CB- 993AL (4) FMO: 4-62045RA GLA: B4558SA GLY: 01-4173/4 VAN: VPR91850A	C4493	4 Pairs		1.7707/ 1.7713 44.976/ 44.991	1.9155/ 1.9162 48.654/ 48.671	0.7780 19.76	0.0717 1.821	
MB5262AM FMO: 7196M GLA: M5627SA GLY: H1087/5 VAN: VPM93024A	M5262/1	3 Pairs	1,3,5	1.9671/ 1.9679 49.964/ 49.985	2.1146/ 2.1154 53.711/ 53.731	0.6728 17.09	0.0737 1.872	
	M5262/2	2 Pairs	2,4	1.9671/ 1.9679 49.964/ 49.985	2.1146/ 2.1154 53.711/ 53.731	0.6728 17.09	0.0737 1.872	
TW 132AM CLE: TW- 232S FMO: 62047BFA GLA: W2243L GLY: A202/2 K.S: 78 853 608 VAN: VPM95091	W 132	1 Pair		2.1752/ 2.1850 55.250/ 55.499	2.8130/ 2.8228 71.450/ 71.699	0.0000 0.00	0.0925 2.350	
17	XC5P/XC7P L4 99CI /1.6Liter, OHV, 8 Valves, Gasoline	08/1968-12/1989	1618 cc	84.00 X 73.00	4 cyl	404 U7, U8A, 404L Break 404 U 10, 505, A 01, J 7 E 1400, J 7 PZ 101400, J7 E, F, J9 1400, J9 1500, UO1, U10, PZ10	17	
	XC6 L4 99CI /1.6Liter, OHV, 8 Valves, Gasoline	04/1963-12/1971	1618 cc	84.00 X 73.00	4 cyl			
CR 422AM STD./3./5./8/1.0/1.25/1.5 ACL: 4B7891 CLE: CB- 721AL (4) FMO: 4-2865RA GLA: B4373SA GLY: 01-4558/4 VAN: VPR847A	C 422	4 Pairs		1.9675/ 1.9681 49.975/ 49.990	2.1124/ 2.1131 53.655/ 53.673	0.9210 23.39	0.0717 1.821	
MB 542AM STD./3./5./8/1.0/1.25/1.5 WARNING: Maximum dimensions for machining big ends and main bearings: XC7-XC7P-XM7-XM7P-XN1 engines has 0.30 to 0.50 recommended undersize: XN1-XN2 engines has 0.30. ACL: 5M7899 CLE: MS-1208AL FMO: 6354M GLA: M5308SA GLY: H1240/5 VAN: VPM91466A	M 101/1U	1 Pair	1	2.3384/ 2.3390 59.395/ 59.411	2.4892/ 2.4900 63.226/ 63.246	1.1610 29.49	0.0746 1.895	
	M 102/2L	1 Pair	2	2.3050/ 2.3060 58.547/ 58.572	2.4561/ 2.4568 62.385/ 62.403	0.8460 21.49	0.0746 1.895	
	M 103/3U	1 Pair	3	2.2509/ 2.2515 57.173/ 57.188	2.4016/ 2.4023 61.001/ 61.018	1.1610 29.49	0.0746 1.895	
	M 104/4L	1 Pair	4	2.1102/ 2.2112 53.599/ 56.164	2.3613/ 2.3620 59.977/ 59.995	0.8460 21.49	0.0746 1.895	
	M 105/5U	1 Pair	5	2.1616/ 2.1622 54.905/ 54.920	2.3122/ 2.3130 58.730/ 58.750	1.1560 29.36	0.0746 1.895	






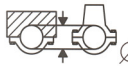


PEUGEOT				PEUGEOT			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
TW 212AM STD/010/015/020/.10/.15/.20 <i>2 plain half bearing shells + 2 half bearing shells with locating lugs.</i> CLE:TW- 247S FMO:61904BF GLA:W2224L GLY:A199/4 VAN:VPW95035	W 212D W 212E	2 Pairs		2.4173/ 2.4272 61.399/ 61.651	2.8563/ 2.8661 72.550/ 72.799	0.0000 0.00	0.0929 2.360
18	LFY (XU7JP4) L4 107CI /1.8Liter, DOHC, 16 Valves, Gasoline	04/1993- 10/2004	1761 cc	83.00 X 81.40	4 cyl	306, 405, 406, 806, PARTNER	18
	LFZ (XU7JP) L4 108CI /1.8Liter, SOHC/OHC, 8 Valves, Gasoline	08/1992- 10/2004	1762 cc	83.00 X 81.40	4 cyl	306, 405, 406, 806, PARTNER	
CR4308AM FMO:4-4300RA GLY:01-4155/4	C4308	4 Pairs		1.7707/ 1.7713 44.976/ 44.991	1.9155/ 1.9162 48.654/ 48.671	0.8957 22.75	0.0719 1.826
MB5182AM STD/.3/.5/.8/1.0 CLE:MS-1649AL FMO:7044M GLA:M5510SA VAN:VPM92255	M5536D M5536E	5 Pairs		2.3618/ 2.3622 59.990/ 60.000	2.5086/ 2.5089 63.718/ 63.726	0.7990 20.29	0.0730 1.854
TW 246AM STD CLE:TW- 376S FMO:66721BF GLA:W2317L GLY:A214/4 VAN:VPW95227	W 246D W 246E	2 Pairs		2.6398/ 2.6496 67.051/ 67.300	3.2697/ 3.2795 83.050/ 83.299	0.0000 0.00	0.0917 2.329
19	105C L4 110CI /1.8Liter, SOHC/OHC, 8 Valves, Gasoline	05/1979- 12/1993	1796 cc	84.00 X 81.00	4 cyl	505 GL, GR, SR, SX, G5	19
	KF5/6, XM7, XM7P L4 110CI /1.8Liter, OHV, 8 Valves, Gasoline	07/1968- 07/1986	1796 cc	84.00 X 81.00	4 cyl		
	105, 169B L4 110CI /1.8Liter, 8 Valves, Gasoline	05/1979- 03/1994	1796 cc	84.00 X 81.00	4 cyl		
CR 422AM STD/.3/.5/.8/1.0/1.25/1.5 ACL:4B7891 CLE:CB- 721AL (4) FMO:4-2865RA GLA:B4373SA GLY:01-4558/4 VAN:VPR847A	C 422	4 Pairs		1.9675/ 1.9681 49.975/ 49.990	2.1124/ 2.1131 53.655/ 53.673	0.9210 23.39	0.0717 1.821
MB 522AM STD/.3/.5/.8/1.0/1.25/1.5 <i>Engines with crankshafts without filter plugs. 5 plain half bearing shells + 5 slotted half bearing shells.</i> WARNING: Maximum dimensions for machining big ends and main bearings:- 0.30-0.50mm. FMO:6597M GLA:M5417SA GLY:H1241/5 VAN:VPM92434A	M 103/3U M 103/3L	1 Pair	3	2.2509/ 2.2515 57.173/ 57.188	2.4016/ 2.4023 61.001/ 61.018	1.1610 29.49	0.0746 1.895
	M 104/4U M 104/4L	1 Pair	4	2.1102/ 2.2112 53.599/ 56.164	2.3613/ 2.3620 59.977/ 59.995	0.8460 21.49	0.0746 1.895
	M 105/5U M 105/5L	1 Pair	5	2.1616/ 2.1622 54.905/ 54.920	2.3122/ 2.3130 58.730/ 58.750	1.1560 29.36	0.0746 1.895
	M 101/1U M 101/1L	1 Pair	1	2.3384/ 2.3390 59.395/ 59.411	2.4892/ 2.4900 63.226/ 63.246	1.1610 29.49	0.0746 1.895
	M 102/2U M 102/2L	1 Pair	2	2.3050/ 2.3060 58.547/ 58.572	2.4560/ 2.4568 62.382/ 62.403	0.8460 21.49	0.0746 1.895
TW 212AM STD/010/015/020/.10/.15/.20 CLE:TW- 247S FMO:61904BF GLA:W2224L GLY:A199/4 VAN:VPW95035	W 212D W 212E	2 Pairs		2.4173/ 2.4272 61.399/ 61.651	2.8563/ 2.8661 72.550/ 72.799	0.0000 0.00	0.0929 2.360
20	XDP85 L4 110CI /1.8Liter, OHV, 8 Valves, Diesel	01/1959- 01/1967	1816 cc	85.00 X 80.00	4 cyl	403D, 403B7 (TMD 85 Eng.), 404D, DA, LD (XD 85 Eng.), J7, J7 AD (XDP 85 Eng.)	20
CR4410AM STD/.3/.5/.8/1.0 ACL:4B2731 CLE:CB- 741AL (4) FMO:4-2870RA GLA:B4433SA GLY:01-4135/4 VAN:VPR882A	C4410	4 Pairs		1.9680/ 1.9685 49.987/ 50.000	2.1140/ 2.1145 53.696/ 53.708	1.1420 29.01	0.0717 1.821
MB 541AM STD/.3/.5/.8/1.0 ACL:5M2734 CLE:MS- 931AL FMO:4668M GLA:M5273SA GLY:H 889/5 VAN:VPM91170A	M 541/1U M 541/1L	3 Pairs	1-3-5	2.1651/ 2.1657 54.994/ 55.009	2.3122/ 2.3130 58.730/ 58.750	1.1810 30.00	0.0722 1.834
	M 541/2U M 541/2L	2 Pairs	2-4	2.1651/ 2.1657 54.994/ 55.009	2.3122/ 2.3130 58.730/ 58.750	0.8660 22.00	0.0722 1.834
21	161A (XUD7) L4 108CI /1.8Liter, SOHC/OHC, 8 Valves, Diesel	10/1982- 09/1998	1769 cc	80.00 X 88.00	4 cyl	205D GLD, GRD, SRDXLD, XRD, 305 GLD,GRD Export,	21

PEUGEOT				PEUGEOT				
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
A9A (XUD7) L4 108CI /1.8Liter, 8 Valves, Diesel	04/1993-08/2001	1769 cc	80.00 X 88.00	4 cyl	309	205D GLD, GRD, SRDXLD, XRD, 305 GLD,GRD Export, 309		
D9A (XUD9) L4 116CI /1.9Liter, SOHC/OHC, 8 Valves, Diesel 9A/9AU/9AY/9BTF-9TE/9TE-U3/9TEY-	10/1982-03/1994	1905 cc	83.00 X 88.00	4 cyl		205 D,GLD,GRD,XLD,XRD (USA), 305 Break,Break Service, 305 D, GLD1900,GRD,SRD,Export, 305 GLD Break II Series305 SRD, 305 GLD II Series305 SRD II, 309 D, GLD,GRD,SRD,XDT,XLD, 309 XAD,XLD, XRDGLD, GRD, SRD, 405 GLD, GRD, 405 GLD,GRD Break, BM4, BM5		
DJY (XUD9A) L4 116CI /1.9Liter, SOHC/OHC, 8 Valves, Diesel	01/1987-04/2002	1905 cc	83.00 X 88.00	4 cyl		205 D,GLD,GRD,XLD,XRD (USA), 305 Break,Break Service, 305 D, GLD1900,GRD,SRD,Export, 305 GLD Break II Series305 SRD, 305 GLD II Series305 SRD II, 309 D, GLD,GRD,SRD,XDT,XLD, 309 XAD,XLD, XRDGLD, GRD, SRD, 405 GLD, GRD, 405 GLD,GRD Break, BM4, BM5		
CR4075AM STD./3/.5/.8/1.0 CLE:CB-1309AL(4) FMO:4-66725RA GLA:B4644SA GLY:01-4200/4 K.S:77 097 608 OEM:0113.91 VAN:VPR92000A	C4075	4 Pairs		1.9679/ 1.9685 49.985/ 50.000	2.1140/ 2.1145 53.696/ 53.708	0.7894 20.05	0.0720 1.829	
MB5129AM STD./3/.5/.8/1.0 CLE:MS-1602AL FMO:6610M GLA:M5419SA GLY:H1057/5 K.S:77 098 608 OEM:0113.92 VAN:VPM92001A	M5129U M5129L	5 Pairs		2.3614/ 2.3622 59.980/ 60.000	2.5091/ 2.5098 63.731/ 63.749	0.7630 19.38	0.0720 1.829	
TW 246AM STD CLE:TW- 376S FMO:66721BF GLA:W2317L GLY:A214/4 VAN:VPM95227	W 246D W 246E	2 Pairs		2.6398/ 2.6496 67.051/ 67.300	3.2697/ 3.2795 83.050/ 83.299	0.0000 0.00	0.0917 2.329	
22 A8A (XUD7TE) L4 108CI /1.8Liter, 8 Valves, Diesel Turbocharge	01/1987-12/1993	1769 cc	80.00 X 88.00	4 cyl		405 GRD, 405 GRD Turbo, 405 GRD Turbo Break, 405 SRD Turbo, Break, SRD Turbo	22	
A8B (XUD7TE) L4 108CI /1.8Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	01/1987-09/1998	1769 cc	80.00 X 88.00	4 cyl		405 GRD, 405 GRD Turbo, 405 GRD Turbo Break, 405 SRD Turbo, Break, SRD Turbo		
D8B (XUD9TE) L4 116CI /1.9Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	07/1995-	1905 cc	83.00 X 88.00	4 cyl				
DHW (XUD9SD) L4 116CI /1.9Liter, SOHC/OHC, 8 Valves, Diesel	10/1995-10/2004	1905 cc	83.00 X 88.00	4 cyl				
DHX/Y (XUD9TE) L4 116CI /1.9Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	08/1992-10/2004	1905 cc	83.00 X 88.00	4 cyl				
CR4467CP CLE:CB-1545P(4) GLA:B4720LC GLY:71-3730/4 VAN:VPR92568LC	C4217L	4 Pairs		1.9679/ 1.9685 49.985/ 50.000	2.1140/ 2.1145 53.696/ 53.708	0.7834 19.90	0.0723 1.836	
MB5129AM STD./3/.5/.8/1.0 CLE:MS-1602AL FMO:6610M	M5129U M5129L	5 Pairs		2.3614/ 2.3622 59.980/ 60.000	2.5091/ 2.5098 63.731/ 63.749	0.7630 19.38	0.0720 1.829	

PEUGEOT				PEUGEOT			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
GLA:M5419SA GLY:H1057/5 K.S:77 098 608 OEM:0113.92 VAN:VPM92001A							
TW 246AMSTD CLE:TW- 376S FMO:66721BF GLA:W2317L GLY:A214/4 VAN:VPW95227	W 246D W 246E	2 Pairs		2.6398/ 2.6496 67.051/ 67.300	3.2697/ 3.2795 83.050/ 83.299	0.0000 0.00	0.0917 2.329
23	D6C (XU9J4) L4 116Cl /1.9Liter, DOHC, 16 Valves, Gasoline	01/1987- 12/1993	1905 cc	83.00 X 88.00	4 cyl	305 GTX,159 A305 GTX Break, 309 GT, 309 SX 1,9L, 405 GR, SR, 405 GR, GRSR, SR, 405 GRX,SRX 4, 405,Auto,GL,GR,SR	23
	D2A (XU92C) L4 116Cl /1.9Liter, SOHC/OHC, 8 Valves, Gasoline	01/1987- 09/1998	1905 cc	83.00 X 88.00	4 cyl	205 GTi, 309 GTi, 1.9, 405 GRi, SRi, GTXiMI, 16S, Break Evasion	
	DDZ (XU9M) L4 116Cl /1.9Liter, SOHC/OHC, 8 Valves, Gasoline	10/1985- 12/1993	1905 cc	83.00 X 88.00	4 cyl	205 GTi, 309 GTi, 1.9, 405 GRi, SRi, GTXiMI, 16S, Break Evasion	
	D6B (XU9JA) L4 116Cl /1.9Liter, SOHC/OHC, 8 Valves, Gasoline	02/1983- 10/1987	1905 cc	83.00 X 88.00	4 cyl	205 GTi, 309 GTi, 1.9, 405 GRi, SRi, GTXiMI, 16S, Break Evasion	
	159 (XU9S) L4 116Cl /1.9Liter, SOHC/OHC, 8 Valves, Gasoline	10/1982- 07/1990	1905 cc	83.00 X 88.00	4 cyl	205 GTi, 309 GTi, 1.9, 405 GRi, SRi, GTXiMI, 16S, Break Evasion	
	D6A (XU9J2) L4 116Cl /1.9Liter, SOHC/OHC, 8 Valves, Gasoline	01/1987- 12/1993	1905 cc	83.00 X 88.00	4 cyl	205 GTi, 309 GTi, 1.9, 405 GRi, SRi, GTXiMI, 16S, Break Evasion	
CR4127AMSTD/3/5/8 CLE:CB-1330AL (4) FMO:4-1305RA GLA:B4704 GLY:71-3628/4 K.S:77 087 608 VAN:VPR92256A	C4127	4 Pairs		1.9679/ 1.9685 49.985/ 50.000	2.1140/ 2.1145 53.696/ 53.708	0.7972 20.25	0.0720 1.829
MB5182AMSTD/3/5/8/1.0 <i>5 bottom halves with one 4 mm hole at 27 degrees from the centre line (or crown).</i> <i>5 top halves with one 4 mm hole at 27 degrees from the centre line (or crown), and also oil groove (3.5mm wide).</i> CLE:MS-1649AL FMO:7044M GLA:M5510SA VAN:VPM92255	M5536D M5536E	5 Pairs		2.3618/ 2.3622 59.990/ 60.000	2.5086/ 2.5089 63.718/ 63.726	0.7990 20.29	0.0730 1.854
TW 246AMSTD CLE:TW- 376S FMO:66721BF GLA:W2317L GLY:A214/4 VAN:VPW95227	W 246D W 246E	2 Pairs		2.6398/ 2.6496 67.051/ 67.300	3.2697/ 3.2795 83.050/ 83.299	0.0000 0.00	0.0917 2.329
24	829 (ZEJ) L4 122Cl /2.0Liter, SOHC/OHC, 8 Valves, Gasoline	05/1979- 12/1993	1995 cc	88.00 X 82.00	4 cyl	505 Ti, STi	24
CR4015AMSTD/25/5/75/1.0/1.25 <i>4 half bearing shells with oil holes at 30 degrees from the centre line. 4 plain half bearing shells.</i> CLE:CB-1166AL (4) FMO:4-66600RA GLA:B4627SA GLY:01-4187/4 K.S:77 092 608 OEM:7701349156	C4015U C4015L	4 Pairs		2.0578/ 2.0585 52.268/ 52.286	2.2047/ 2.2055 55.999/ 56.020	0.7380 18.75	0.0729 1.852
MB5081AM <i>Under Development</i> CLE:MS-1604AL GLA:M5418SA GLY:H1058/5 VAN:VPM91932A	M5544 M5081L	5 Pairs	1-5	2.4753/ 2.4761 62.873/ 62.893	2.6247/ 2.6255 66.667/ 66.688	0.9250 23.50	0.0740 1.880
MB5544AMSTD/25/5/75/1.0/1.25 <i>10 grooved half bearing shells with 3 holes and locating lug on the left.</i> CLE:MS-1541AL FMO:6575M GLA:M5408SA GLY:H1052/5 K.S:77 124 608 OEM:7701348542 VAN:VPM92426	M5544	5 Pairs		2.4753/ 2.4761 62.873/ 62.893	2.6247/ 2.6255 66.667/ 66.688	0.9250 23.50	0.0740 1.880
TW 135AM.10 FMO:66506BF GLY:A208/2 VAN:VPW95094A	W 135	1 Pair		2.8031/ 2.8130 71.199/ 71.450	3.4583/ 3.4681 87.841/ 88.090	0.0000 0.00	0.1102 2.799
25	DW10TD L4 122Cl /2.0Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	04/1993- 10/2004	1997 cc	85.00 X 88.00	4 cyl	206 HDi, 306 HDi, 307 HDi, 406 HDi, Partner HDi	25

PEUGEOT					PEUGEOT				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
DW10ATED L4 122CI /2.0Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	06/1994-10/2004	1997 cc	85.00 X 88.00	4 cyl	307 HDi, 406 HDi, 607 HDi, 806 HDi, Expert				
DW10BTED4 L4 122CI /2.0Liter, DOHC, 16 Valves, Diesel Turbocharge	01/2000-	1997 cc	85.00 X 88.00	4 cyl	Expert HDi				
DW10CTED L4 122CI /2.0Liter, DOHC, 16 Valves, Diesel Turbocharge	06/2002-	1997 cc	85.00 X 88.00	4 cyl	Expert HDi				
DW10BTED L4 122CI /2.0Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	07/1995-	1997 cc	85.00 X 88.00	4 cyl	Expert HDi				
DW10ATED4 L4 122CI /2.0Liter, DOHC, 16 Valves, Diesel Turbocharge	06/1994-	1997 cc	85.00 X 88.00	4 cyl	806 HDi, Expert HDi				
MB5129AM STD/.3/.5/.8/1.0 CLE:MS-1602AL FMO:6610M GLA:M5419SA GLY:H1057/5 K.S:77 098 608 OEM:0113.92 VAN:VPM92001A	M5129U M5129L	5 Pairs		2.3614/ 2.3622 59.980/ 60.000	2.5091/ 2.5098 63.731/ 63.749	0.7630 19.38	0.0720 1.829		
TW 246AM STD CLE:TW- 376S FMO:66721BF GLA:W2317L GLY:A214/4 VAN:VPW95227	W 246D W 246E	2 Pairs		2.6398/ 2.6496 67.051/ 67.300	3.2697/ 3.2795 83.050/ 83.299	0.0000 0.00	0.0917 2.329		
26 XDP88 L4 119CI /2.0Liter, CIH, 8 Valves, Diesel	08/1968-03/1980	1948 cc	88.00 X 80.00	4 cyl	404 D,Break,U6DU7D,U8D,U10 D, 404 UXD Camionnette, 504D, LD, GRD, GLD,SRDBerline,, 505 GDR, SRD, Commerciale E 20, F20, XD88, V20, U20, Fourgon J7BD, GD,BDS1800, J7 BD 1400J7 GD 1400, J9, J7, PZ 30, TMD 88		26		
XD90 L4 129CI /2.1Liter, SOHC/OHC, 8 Valves, Diesel	07/1968-07/1986	2112 cc	90.00 X 83.00	4 cyl	404D,LD, 504 D,GLD,Berline,Break LD,, 504 F 20 Ambulance, 504 Van, F20, H20, U20, 505 GDR, SRD, J7 BD,BDP,BDS,BDT,HD,HOP HDS,, J9 1500, J9,XDP 90, 1400 KG, XD 90, TMP 90				
CR4410AM STD/.3/.5/.8/1.0 ACL:4B2731 CLE:CB- 741AL(4) FMO:4-2870RA GLA:B4433SA GLY:01-4135/4 VAN:VPR882A	C4410	4 Pairs		1.9680/ 1.9685 49.987/ 50.000	2.1140/ 2.1145 53.696/ 53.708	1.1420 29.01	0.0717 1.821		
MB 541AM STD/.3/.5/.8/1.0 <i>3 top half bearing shells with 2 holes at 35 degrees from the centre line and a slot 4.2 wide at the bottom of the groove. 2 top half bearing shells with one 6mm hole at 35 degrees from the centre line and a slot 3.2 wide at the bottom of the groove. 5 plain bottom half bearing shells.</i> ACL:5M2734 CLE:MS- 931AL FMO:4668M GLA:M5273SA GLY:H 889/5 VAN:VPM91170A	M 541/1U M 541/1L M 541/2U M 541/2L	3 Pairs 2 Pairs	1-3-5 2-4	2.1651/ 2.1657 54.994/ 55.009 2.1651/ 2.1657 54.994/ 55.009	2.3122/ 2.3130 58.730/ 58.750 2.3122/ 2.3130 58.730/ 58.750	1.1810 30.00 0.8660 22.00	0.0722 1.834 0.0722 1.834		
27 P8C (XUD11BTE) L4 127CI /2.1Liter, SOHC/OHC, 12 Valves, Diesel Turbocharge	06/1989-10/2004	2088 cc	85.00 X 92.00	4 cyl			27		
PHZ (XUD11ATE) L4 127CI /2.1Liter, SOHC/OHC, 12 Valves, Diesel Turbocharge	06/1989-09/1999	2088 cc	85.00 X 92.00	4 cyl					
P9A (XUD11A) L4 130CI /2.1Liter, SOHC/OHC, 12 Valves, Diesel	06/1989-09/1999	2138 cc	86.00 X 92.00	4 cyl					

PEUGEOT				PEUGEOT				
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
CR4220AM STD <i>Under Development</i> CLE:CB-1548AL (4) FMO:4-4675RA GLA:B4725SA GLY:71-4279/4 VAN:VPR92571A	C4220*	4 Pairs		1.9679/ 1.9685 49.985/ 50.000	2.1140/ 2.1145 53.696/ 53.708	0.8642 21.95	0.0720 1.829	
MB5129AM STD/.3/.5/.8/1.0 CLE:MS-1602AL FMO:6610M GLA:M5419SA GLY:H1057/5 K.S:77 098 608 OEM:0113.92 VAN:VPM92001A	M5129U M5129L	5 Pairs		2.3614/ 2.3622 59.980/ 60.000	2.5091/ 2.5098 63.731/ 63.749	0.7630 19.38	0.0720 1.829	
TW 246AM STD CLE:TW- 376S FMO:66721BF GLA:W2317L GLY:A214/4 VAN:VPW95227	W 246D W 246E	2 Pairs		2.6398/ 2.6496 67.051/ 67.300	3.2697/ 3.2795 83.050/ 83.299	0.0000 0.00	0.0917 2.329	
28	851 (ZDJ) L4 132CI /2.2Liter, SOHC/OHC, 8 Valves, Gasoline	05/1979- 12/1993	2165 cc	88.00 X 89.00	4 cyl	505 GTi Familiare,GTX		28
	851B (ZDJL) L4 132CI /2.2Liter, SOHC/OHC, 8 Valves, Gasoline	05/1979- 12/1993	2165 cc	88.00 X 89.00	4 cyl			
CR4006AM STD/.25/.5/.75/1.0/1.25 <i>4 half bearing shells with oil holes offset at 32 degrees from the centre line. 4 plain half bearing shells.</i> CLE:CB-1311AL (4) FMO:4-66645RAB GLA:B4643SA GLY:01-4191/4 K.S:77 136 608 VAN:VPR91916A	C4006U C4006L	4 Pairs		2.2152/ 2.2160 56.266/ 56.286	2.3624/ 2.3630 60.005/ 60.020	0.8170 20.75	0.0725 1.842	
MB5081AM <i>Under Development</i> CLE:MS-1604AL GLA:M5418SA GLY:H1058/5 VAN:VPM91932A	M5544 M5081L	5 Pairs	1-5	2.4753/ 2.4761 62.873/ 62.893	2.6247/ 2.6255 66.667/ 66.688	0.9250 23.50	0.0740 1.880	
MB5544AM STD/.25/.5/.75/1.0/1.25 CLE:MS-1541AL FMO:6575M GLA:M5408SA GLY:H1052/5 K.S:77 124 608 OEM:7701348542 VAN:VPM92426	M5544	5 Pairs		2.4753/ 2.4761 62.873/ 62.893	2.6247/ 2.6255 66.667/ 66.688	0.9250 23.50	0.0740 1.880	
TW 135AM.10 FMO:66506BF GLY:A208/2 VAN:VPW95094A	W 135	1 Pair		2.8031/ 2.8130 71.199/ 71.450	3.4583/ 3.4681 87.841/ 88.090	0.0000 0.00	0.1102 2.799	
29	147 (XD2S) L4 141CI /2.3Liter, OHV, 8 Valves, Diesel	08/1977- 12/1993	2304 cc	94.00 X 83.00	4 cyl	404D, LD, 504 F 40, 504 H 40 Ambulance, 504D, GRD, GLD, Berline Break, 505D, GRD,SRD, J7 B, BD PX Py,PZXD 2P, J9		29
	134 (XD2) L4 141CI /2.3Liter, OHV, 8 Valves, Diesel	07/1968- 12/1989	2304 cc	94.00 X 83.00	4 cyl			
CR4016AM STD/.3/.5/.8/1.0 <i>1979-</i> CLE:CB-1168AL (4) FMO:4-66690RA GLA:B4615SA GLY:01-4195/4 K.S:77 101 608 VAN:VPR91867	C4016	4 Pairs		2.1651/ 2.1662 54.994/ 55.021	2.3125/ 2.3130 58.738/ 58.750	1.1420 29.01	0.0724 1.839	
CR4410AM STD/.3/.5/.8/1.0 <i>1976-79</i> ACL:4B2731 CLE:CB- 741AL (4) FMO:4-2870RA GLA:B4433SA GLY:01-4135/4 VAN:VPR882A	C4410	4 Pairs		1.9680/ 1.9685 49.987/ 50.000	2.1140/ 2.1145 53.696/ 53.708	1.1420 29.01	0.0717 1.821	
MB 541AM STD/.3/.5/.8/1.0 <i>1976-81</i> ACL:5M2734 CLE:MS- 931AL FMO:4668M GLA:M5273SA GLY:H 889/5 VAN:VPM91170A	M 541/1U M 541/1L	3 Pairs	1-3-5	2.1651/ 2.1657 54.994/ 55.009	2.3122/ 2.3130 58.730/ 58.750	1.1810 30.00	0.0722 1.834	
	M 541/2U M 541/2L	2 Pairs	2-4	2.1651/ 2.1657 54.994/ 55.009	2.3122/ 2.3130 58.730/ 58.750	0.8660 22.00	0.0722 1.834	
MB5551AM STD/.3/.5/.8/1.0 <i>1981-</i> <i>2 top half bearing shells with one 6mm hole at 35 degrees from the centre line and oil groove (4.2 mm wide).</i> <i>3 top half bearing shells with two 6mm holes at 35 degrees from the centre line and oil groove (4.2 mm wide).</i> <i>5 plain bottom half bearing shells.</i> CLE:MS-1542AL FMO:6594M GLA:M5394SA GLY:H1056/5	M5551/1U M5551/1L	3 Pairs	1-3-5	2.3620/ 2.3630 59.995/ 60.020	2.5091/ 2.5098 63.731/ 63.749	1.1810 30.00	0.0722 1.834	
	M5551/2U M5551/2L	2 Pairs	2-4	2.3620/ 2.3630 59.995/ 60.020	2.5091/ 2.5098 63.731/ 63.749	0.9450 24.00	0.0722 1.834	

PEUGEOT				PEUGEOT				
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
K.S: 77 102 608 VAN: VPM91868A								
TW 250AM STD FMO: 2873BF K.S: 78 855 608 GLY: A181/4 VAN: VPM91868A	W 250D W 250E	2 Pairs		2.4409/ 2.4508 61.999/ 62.250	3.1398/ 3.1496 79.751/ 80.000	0.0000 0.00	0.0920 2.337	
TW 251AM STD CLE: TW- 344S GLY: A211/4 FMO: 66691BF K.S: 78 865 608 VAN: VPM95088	W 251D W 251E	2 Pairs		2.6279/ 2.6378 66.749/ 67.000	3.3362/ 3.3464 84.739/ 84.999	0.0000 0.00	0.0917 2.329	
30	T9A (DJ5) L4 149CI /2.5Liter, SOHC/OHC, 8 Valves, Diesel	03/1994-04/2002	2446 cc	92.00 X 92.00	4 cyl	Boxer, Boxer Box, Boxer Bus	30	
CR4191S STD/.3/.5/.8/1.0 8 identical halves . GLY: 71-3781/4 OEM: 0606.K8	C4193L	4 Pairs		2.1252/ 2.1259 53.980/ 53.998	2.2706/ 2.2714 57.673/ 57.694	0.8917 22.65	0.0715 1.816	
MB5062AM STD/.3/.5/.8/1.0 GLA: M5628 VAN: VPM93103A OEM: 0113.H8	M5062U M5062L	4 Pairs	1,2,4,5	2.5189/ 2.5196 63.980/ 63.998	2.7043/ 2.7050 68.689/ 68.707	0.8464 21.50	0.0916 2.327	
	F5062U F5062L	1 Pair	3	2.5189/ 2.5196 63.980/ 63.998	2.7043/ 2.7050 68.689/ 68.707	1.0830 27.51	0.0916 2.327	
31	T8A (DJ5T) L4 149CI /2.5Liter, SOHC/OHC, 12 Valves, Diesel	03/1994-04/2002	2446 cc	92.00 X 92.00	4 cyl	Boxer 2.5TD, Boxer Bus 2.5TD	31	
	THY (DK5ATE) L4 149CI /2.5Liter, SOHC/OHC, 12 Valves, Diesel Turbocharge	03/1994-04/2002	2446 cc	92.00 X 92.00	4 cyl	605 (6B) 2.5 TD		
CR4192SX STD/.3/.5/.8/1.0 OEM: 0606.K9	C4192	4 Pairs		2.1252/ 2.1259 53.980/ 53.998	2.2706/ 2.2714 57.673/ 57.694	0.8917 22.65	0.0715 1.816	
MB5063AM STD/.3/.5/.8 GLA: M5634 VAN: VPM93113 OEM: 0113.H9	M5063U M5063L	4 Pairs	1,2,4,5	2.5189/ 2.5196 63.980/ 63.998	2.7043/ 2.7050 68.689/ 68.707	0.8464 21.50	0.0916 2.327	
	F5063U F5063L	1 Pair	3	2.5189/ 2.5196 63.980/ 63.998	2.7043/ 2.7050 68.689/ 68.707	1.0630 27.00	0.0916 2.327	
32	THX (DJ5TED) L4 149CI /2.5Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	03/1994-04/2002	2446 cc	92.00 X 92.00	4 cyl	Boxer 2.5 TD, Boxer Box, Boxer Bus 2.5TD	32	
CR4193XA STD/.3/.5/.8/1.0 OEM: 0606.P0	C4193U C4193L	4 Pairs		2.1252/ 2.1259 53.980/ 53.998	2.2706/ 2.2714 57.673/ 57.694	0.8917 22.65	0.0715 1.816	
MB5063AM STD/.3/.5/.8 GLA: M5634 VAN: VPM93113 OEM: 0113.H9	M5063U M5063L	4 Pairs	1,2,4,5	2.5189/ 2.5196 63.980/ 63.998	2.7043/ 2.7050 68.689/ 68.707	0.8464 21.50	0.0916 2.327	
	F5063U F5063L	1 Pair	3	2.5189/ 2.5196 63.980/ 63.998	2.7043/ 2.7050 68.689/ 68.707	1.0630 27.00	0.0916 2.327	
33	CRD93 (U25/661) L4 152CI /2.5Liter, OHV, 8 Valves, Diesel	09/1981-03/1994	2498 cc	93.00 X 92.00	4 cyl	J5/35D,1000,1300 Forgon	33	
CR4140AM STD/.25/.5/.75/1.0/1.25 4 half bearing shells with slots and one 3mm hole. 4 plain half bearing shells with one 3mm hole at 42 degrees from the centre line, and one 2mm hole at the crown. CLE: CB-1340AL (4) GLA: B4641SA VAN: VPR91812A FMO: 4-66715CPA GLY: 01-4181/4	C4140U C4140L	4 Pairs		2.1256/ 2.1262 53.990/ 54.005	2.2707/ 2.2715 57.676/ 57.696	0.8898 22.60	0.0720 1.829	
MB5131AM STD/.25/.5/.75/1.0/1.25 1983- GLA: M5478SA VAN: VPM92153A GLY: H1089/5	M5131	5 Pairs		2.6392/ 2.6398 67.036/ 67.051	2.8226/ 2.8230 71.694/ 71.704	1.1201 28.45	0.0910 2.311	
MB5133AM STD/.25/.5/.75/1.0 1983 CLE: MS- 911B GLA: M5239SA VAN: VPM91652A FMO: 6489M GLY: H 887/5	M5133	5 Pairs		2.5211/ 2.5217 64.036/ 64.051	2.7045/ 2.7049 68.694/ 68.704	1.1300 28.70	0.0910 2.311	
TW 244AM STD 1983- FMO: 66716BF GLY: A213/4 GLA: W2353L VAN: VPM95144	W 244D W 244E	2 Pairs		2.9724/ 2.9823 75.499/ 75.750	3.4980/ 3.5079 88.849/ 89.101	0.0000 0.00	0.1236 3.139	
TW 245AM STD	W 245D	2 Pairs		2.8543/ 2.8642 72.499/ 72.751	3.3799/ 3.3898 85.849/ 86.101	0.0000 0.00	0.1236 3.139	

PEUGEOT				PEUGEOT			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
-1983 FMO:60946BFA VAN:VPW95201	GLA:W2159L	W 245E					
34	CRD93LS (U25/673) L4 152CI /2.5Liter, OHV, 8 Valves, Diesel Turbocharge	09/1990-03/1994	2498 cc	93.00 X 92.00	4 cyl	J5 Turbo	34
CR4026CP <i>Under Development</i> CLE:CB-1342P(4) K.S:87 845 600	C4026	4 Pairs		2.1250/ 2.1256 53.975/ 53.990	2.2711/ 2.2715 57.686/ 57.696	0.8898 22.60	0.0717 1.821
MB5131AM STD/.25/.5/.75/1.0/1.25 GLA:M5478SA GLY:H1089/5 VAN:VPM92153A	M5131	5 Pairs		2.6392/ 2.6398 67.036/ 67.051	2.8226/ 2.8230 71.694/ 71.704	1.1201 28.45	0.0910 2.311
TW 244AM STD FMO:66716BF GLA:W2353L GLY:A213/4 VAN:VPW95144	W 244D W 244E	2 Pairs		2.9724/ 2.9823 75.499/ 75.750	3.4980/ 3.5079 88.849/ 89.101	0.0000 0.00	0.1236 3.139
35	152A (XD3T) L4 152CI /2.5Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	08/1977-12/1993	2498 cc	94.00 X 90.00	4 cyl	504 F 40, 504 H 40Ambulance, 504 GLD, 504 BreakFamiliale, 504GLD, 505GRD, 505SRDJ7,J9	35
	155 (XD3) L4 152CI /2.5Liter, SOHC/OHC, 8 Valves, Diesel	05/1979-12/1993	2498 cc	94.00 X 90.00	4 cyl	505 GRD,GLD, 505 GRD,GLD,SRD,, 505 SXD, 604 GTD, Berline, Break, Break GLD, GRD, SRD, J9, B4	
	XD3P L4 152CI /2.5Liter, SOHC/OHC, 8 Valves, Diesel	12/1988-05/1997	2498 cc	94.00 X 90.00	4 cyl	505 GTD, Break, Familiale,, 505 GTD,STD Turbo, 505 GTDT, STDT, 604 D, GTD,GRD Turbo	
CR4016AM STD/.3/.5/.8/1.0 CLE:CB-1168AL(4) FMO:4-66690RA GLA:B4615SA GLY:01-4195/4 K.S:77 101 608 VAN:VPR91867	C4016	4 Pairs		2.1651/ 2.1662 54.994/ 55.021	2.3125/ 2.3130 58.738/ 58.750	1.1420 29.01	0.0724 1.839
MB5551AM STD/.3/.5/.8/1.0 <i>1981- 2 top half bearing shells with one 6mm hole at 35 degrees from the centre line and oil groove (4.2 mm wide). 3 top half bearing shells with two 6mm holes at 35 degrees from the centre line and oil groove (4.2 mm wide). 5 plain bottom half bearing shells.</i> CLE:MS-1542AL FMO:6594M GLA:M5394SA GLY:H1056/5 K.S:77 102 608 VAN:VPM91868A	M5551/1U M5551/1L	3 Pairs	1-3-5	2.3620/ 2.3630 59.995/ 60.020	2.5091/ 2.5098 63.731/ 63.749	1.1810 30.00	0.0722 1.834
	M5551/2U M5551/2L	2 Pairs	2-4	2.3620/ 2.3630 59.995/ 60.020	2.5091/ 2.5098 63.731/ 63.749	0.9450 24.00	0.0722 1.834
TW 250AM STD <i>up to 6/1981</i> FMO:2873BF GLY:A181/4 K.S:78 855 608 VAN:VPW79	W 250D W 250E	2 Pairs		2.4409/ 2.4508 61.999/ 62.250	3.1398/ 3.1496 79.751/ 80.000	0.0000 0.00	0.0920 2.337
TW 251AM STD <i>from 7/1981</i> CLE:TW- 344S FMO:66691BF GLY:A211/4 K.S:78 865 608 VAN:VPW95088	W 251D W 251E	2 Pairs		2.6279/ 2.6378 66.749/ 67.000	3.3362/ 3.3464 84.739/ 84.999	0.0000 0.00	0.0917 2.329
36	112 (ZM) V6 163CI /2.7Liter, SOHC/OHC, 12 Valves, Gasoline Turbocharge	10/1974-07/1987	2664 cc	88.00 X 73.00	6 cyl	504 V 6, Coupe,Coupe, 604 Ti, STi V 6,SL	36
	154X (ZN3J) V6 174CI /2.9Liter, SOHC/OHC, 12 Valves, Gasoline	05/1979-12/1993	2849 cc	91.00 X 73.00	6 cyl	505 STi V 6, 505 V6 S, 604 GTI, STI	
CR6709CP <i>Under Development</i> GLY:71-3733/6 VAN:VPR06030	C6709*	6 Pairs		2.3611/ 2.3618 59.972/ 59.990	2.5080/ 2.5088 63.703/ 63.724	0.6976 17.72	0.0727 1.847
MB4035AM <i>Under Development</i> CLE:MS-1394AL FMO:6443M GLA:M4251SA GLY:H1041/4 VAN:VPM91537A	M4035U* M4035L*	4 Pairs	1-4	2.7576/ 2.7583 70.043/ 70.061	2.9134/ 2.9141 74.000/ 74.018	0.9240 23.47	0.0774 1.966

Engine Index: PORSCHE

Engine-Code	Years	Cyl	CC	Line
1.6LITER(90PS)	1960-	4	1600	1

Engine-Code	Years	Cyl	CC	Line

Car Model Index: PORSCHE

Model	Engine	Years	Cyl	CC	Line
356B/1600 Super 90	1.6LITER(90PS)	1960-	4	1600	1

Model	Engine	Years	Cyl	CC	Line

PORSCHE				PORSCHE			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	1.6LITER(90PS)	1960-1963	1600 cc	82.50 X 74.00	4 cyl	356B/1600 Super 90	1
MB 380CP <i>Under Development</i> GLY:H 534/4	F 380	1 Pair	1	2.1642/ 2.1650 54.971/ 54.991	2.3714/ 2.3718 60.234/ 60.244	1.0610 26.95	0.1030 2.616
	M 380	2 Pairs	2,3	2.1642/ 2.1650 54.971/ 54.991	2.3714/ 2.3718 60.234/ 60.244	0.7874 20.00	0.1030 2.616

Engine Index: R.V.I.

Engine-Code	Years	Cyl	CC	Line
714		4	0	4
M620/M 620 P/T		6	0	10
M620Z3/MDZ 23 M		6	0	10
MH 620/M 620 Z		6	0	10
829/J6R Carburettor		4	1995	1
XD/P,TMP90/723 Diesel		4	2112	2
8140.21.200 D (A) 2V	04.1986-	4	2445	3
8140.21.235 D (A) 2V	01.1986-	4	2445	3
8140.61.235 D (AN) 2V	01.1983-	4	2445	3
8140.07.2530 D (AN) 2 V	08.1990-	4	2499	3
8140.07.2585 EURO 1 D (AN) 2V	05.1994-	4	2499	3
8140.67.2585 EURO 2 D (LA) 2V	02.1996-	4	2499	3
712 1/2/3/4/6 Diesel		4	3320	4
720 01/02/08 Diesel		4	3590	4
MIDS 06.02.12/B Turbocharged		6	5486	6
797 20/21/23/26 Diesel		6	5489	5
798 Diesel Turbocharged		6	5490	5
MIDR 06.02 12 Diesel		6	5490	6
MIDR 06.02 26 Diesel		6	6180	6
M420,MDK Diesel		4	6328	7

Engine-Code	Years	Cyl	CC	Line
M 520 Diesel		5	7917	8
MDU24/25/44-46 Diesel		5	7917	8
MH 520		5	7917	8
MID/MIPO6 20 30 Diesel		6	8820	9
MIDR 06 20 30 Diesel		6	8820	9
MIDS/MIPS D Diesel		6	8820	9
M620/23/620B D Diesel		6	9500	10
MIDS/MIPS D Diesel		6	9839	11
MIPS 062045		6	9839	11
MIDR 06 20 45 D Diesel		6	9840	11
MIPR 06 20 45		6	9840	11
MIDR 06 23 56 12 VALVES 10		6	11116	11
MIDR 06 23 56 12 VALVES 11		6	11116	11
MIDR 06 23 56 24 VALVES		6	11116	11
M635/40A,MDO635 Diesel		6	12000	12
MIDS 0635 40 D Diesel		6	12000	13
MS/MDS 635,40 Diesel		6	12000	13
MIDR 0635 40 D Diesel		6	12024	13
MIDR 0635 40G/H Diesel		6	12024	13

Car Model Index: R.V.I.

Model	Engine	Years	Cyl	CC	Line
11 136 HA, 75 130	797 20/21/23/26		6	5489	5
11 136 HA, 95 130	797 20/21/23/26		6	5489	5
130 B 11 - 130 B 13130	797 20/21/23/26		6	5489	5
130 B 6	797 20/21/23/26		6	5489	5
130 B 9	797 20/21/23/26		6	5489	5
130 TB - 130 TB 19130	797 20/21/23/26		6	5489	5
150 B 11,13,Citerne	798 Diesel	1978-	6	5490	5
150 B, GF 151 D	798 Diesel		6	5490	5
230 16/16A	MIDS/MIPS D	1983-	6	8820	9
385 (Kerax)	MIPS 062045		6	9839	11
6x4, GBC 8 M	MDU24/25/44-46		5	7917	8
6x6	MH 520		5	7917	8
90B6-8	720 01/02/08		4	3590	4
95.130, E7C(910)	798 Diesel		6	5490	5
950 KB 6 S, SA950 KBT	MIDS/MIPS D		6	8820	9
950 KB 6/6 A,950 KBT 6	MID/MIPO6 20 30		6	8820	9
B 80	829/J6R		4	1995	1
C 210, 19	MIDS/MIPS D		6	8820	9
C 260 19 T	MIDS/MIPS D	1983-	6	8820	9
C 260 19 T / 26 T, C	MIDS/MIPS D		6	9839	11
CBH 340	MIDR 0635 40G/H		6	12024	13
CLM, CBH 280	MIDS 0635 40 D		6	12000	13
Car PR 14 SR	MIDR 06 20 30		6	8820	9
Cars PR 10 S,12SCar	MIDS/MIPS D	1983-	6	8820	9
Cars PR 10,12,14Cars	MID/MIPO6 20 30		6	8820	9
Cars PR 100,	MIDS/MIPS D	1983-	6	8820	9
D 5 T	714		4		4
E24 NB61	714		4		4
FR 1	MIDR 06 20 45 D	-1987	6	9840	11
FR 1 GTX	MIDR 06 20 45 D	1987-	6	9840	11
Fourgon	714		4		4
G 230 11, G 230	MIDS/MIPS D	1983-	6	8820	9
G 230 17, G 230 19/19	MIDS/MIPS D	1983-	6	8820	9
G 260 16 B/16 C, G 260	MIDS/MIPS D	1983-	6	9839	11
G 260 19 T,GT	MIDR 06 20 45 D	1983-	6	9840	11
G 290 19T,GT	MIDR 06 20 45 D		6	9840	11
G 290, G 290 19/19A	MIDR 06 20 45 D		6	9840	11
G 45 S, G 105 S	MIDS/MIPS D	1983-	6	8820	9
G 45, PG 60, G 105	MID/MIPO6 20 30		6	8820	9
G170	MIDR 06.02 12		6	5490	6
G170 Midliner BV B6	MIDR 06.02 12		6	5490	6
G210 16/16 A, G 210	MIDS/MIPS D	1983-	6	8820	9
G210 19/19 A/BOM	MIDS/MIPS D		6	8820	9
G290 26 6x4	MIDR 06 20 45 D		6	9840	11
GB 190 A/B, GB 191 A	MID/MIPO6 20 30		6	8820	9
GB 231, GBD 6x6, 230	MIDS/MIPS D	1983-	6	8820	9
GBC 4x4	MID/MIPO6 20 30		6	8820	9
GBC 8 6x6, GBC 8 M 3	MH 520		5	7917	8
GBC 8 6x6,GBC 8 M 3	MDU24/25/44-46		5	7917	8
GBC 8 MT, GCK	M620Z3/MDZ 23 M		6		10
GBC 8 MT, GCVK	M620/23/620B D		6	9500	10
GBC 8 MT,GCK	M620/M 620 P/T		6		10
GBC 8 MTGCK 200,	M620/M 620 P/T		6		10
GBC 8 RM, GBC 8 RM	MH 520		5	7917	8
GBC 8 RM, GBC 8 RM	MDU24/25/44-46		5	7917	8
GBC 8MT,GCK 200,	MH 620/M 620 Z		6		10
GBH 260 6x4, GF	M635/40A,MDO63		6	12000	12
GBH 280 6x4 E, TBH	MIDS 0635 40 D		6	12000	13
GBH 280 6x4, 6x6GBH	MS/MDS 635,40		6	12000	13
GBH 6x6, GBH 12	M635/40A,MDO63		6	12000	12
GBK 6, GBK 6 4x4,	M420,MDK Diesel		4	6328	7
GC 190 A/B, GC 191	MID/MIPO6 20 30		6	8820	9

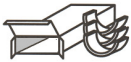







Model	Engine	Years	Cyl	CC	Line
GC 231 T, GF 230T ,	MIDS/MIPS D		6	8820	9
GCK 8,8 R, GCK	M 520 Diesel		5	7917	8
GCK 8,8R, GCK	MH 520		5	7917	8
GF 100 A, GF 190	MID/MIPO6 20 30		6	8820	9
GF 191, GLR 190,GPR	MID/MIPO6 20 30		6	8820	9
GLC 6 M, GLC 6 M	M420,MDK Diesel		4	6328	7
GLC 8 M 2 R 4x4GLC 8	MH 520		5	7917	8
GLC 8 M 2 R 4x4GLC 8	MDU24/25/44-46		5	7917	8
GLC 8, GLC 8 4x4GLC	MH 520		5	7917	8
GLC 8, GLC 8 4x4GLC	MDU24/25/44-46		5	7917	8
GLM 10 M 2,GLM 10	M620/M 620 P/T		6		10
GLM 12 4x4, GLM 12	M635/40A,MDO63		6	12000	12
GLR 10 M 3, GLR	M620Z3/MDZ 23 M		6		10
GLR 10 M 3, GLR	M620/23/620B D		6	9500	10
GLR 10 M 3,GLR	M620/M 620 P/T		6		10
GLR 250, 250 A/B, GF	M635/40A,MDO63		6	12000	12
GLR 8 M, GLR 8 M 2,	MDU24/25/44-46		5	7917	8
GLR 8 M, GLR 8 M	MH 520		5	7917	8
GLR 8 R M 3GLR 160,	MDU24/25/44-46		5	7917	8
GLR 8 RM 3, GLR	MH 520		5	7917	8
GPR K 10, GLR 10	M620/M 620 P/T		6		10
GPR K 10, GLR 10	MH 620/M 620 Z		6		10
GR 10, GR 200, GKR	M620/M 620 P/T		6		10
GR 10, GR 200, GKR	M620/23/620B D		6	9500	10
GR 10, GR 200, GRK	M620Z3/MDZ 23 M		6		10
GR 190 A/B, GR 191	MID/MIPO6 20 30		6	8820	9
GR 191 B/BOM	MID/MIPO6 20 30		6	8820	9
GR 205, PBR 10, PGK	MH 620/M 620 Z		6		10
GR 230 A,GR 231 TGR	MIDS/MIPS D		6	8820	9
GR 260, PM 6 12, GPR	M635/40A,MDO63		6	12000	12
GR 305, GRH 305TR	MIDR 0635 40G/H	1979-	6	12024	13
GR 8L 64 8 M 3, L	MDU24/25/44-46		5	7917	8
GR/GRH 305 A/BGRH	MS/MDS 635,40	1978-	6	12000	13
GR/TR 305, GRH/TRH	MIDR 0635 40 D	1977-	6	12024	13
GR200, GR 280 A/B	MS/MDS 635,40		6	12000	13
GRH 190	MIDS/MIPS D		6	8820	9
GRH 235 6x4	MIDS/MIPS D		6	8820	9
H 26 CT,T,BT,DTHB 17	MID/MIPO6 20 30		6	8820	9
HB 15, HB 17, HB 15	MID/MIPO6 20 30		6	8820	9
HE, GLR 230 4x4	MIDS/MIPS D		6	8820	9
HF 19, HF 26 VR 6x4	MIDS/MIPS D		6	8820	9
HF 26 CT,T,BT,ETHF	MIDS/MIPS D		6	8820	9
HR 15, HP 15	797 20/21/23/26		6	5489	5
JK 60 A,JK 60 BJN , JK	720 01/02/08		4	3590	4
JK1A 14, JK1B 16,	720 01/02/08		4	3590	4
JN 20, JN 60JN 60 A,	797 20/21/23/26		6	5489	5
JN 80, JN 90	797 20/21/23/26		6	5489	5
JN 85, JN 85 BOM, JN	720 01/02/08		4	3590	4
JN 95, JN 11 BOMJP	797 20/21/23/26		6	5489	5
JP 13,B,C, JP 11, JP 13	798 Diesel		6	5490	5
JP 14, JP 14 BOMJR	797 20/21/23/26		6	5489	5
JP 14, JP 19,21, JR 19A	798 Diesel		6	5490	5
Karex 260	8140.07.2530 D	06.1997 -	4	2499	3
Karex 300	8140.07.2530 D	06.1997 -	4	2499	3
Karex 340	8140.07.2530 D	06.1997 -	4	2499	3
L 62 M 3, L 64, 6 M 3	M420,MDK Diesel		4	6328	7
L 62 RM, L 62/62RM3	M420,MDK Diesel		4	6328	7
L 64 8 M 3, L 648,8	MH 520		5	7917	8
L 648,8RALE 520,620	M 520 Diesel		5	7917	8
LE 520, 620PH 3 520,	MDU24/25/44-46		5	7917	8
LE 635, LES 635	M635/40A,MDO63		6	12000	12
LE/ S 635, TLR/TBH	MS/MDS 635,40	1978-	6	12000	13

Model	Engine	Years	Cyl	CC	Line
MACK MS 300	MIDS/MIPS D		6	8820	9
MB 35, 38, 59, 73MBT,	714		4		4
MDX 16 M, 24 M, 44	M420,MDK Diesel		4	6328	7
MR, MR 3, L 64, 8	MDU24/25/44-46		5	7917	8
MU, PLH 8 M, TAK 8,8	MDU24/25/44-46		5	7917	8
Mack MS 200,250	MIDR 06.02 12		6	5490	6
Mascott 130	8140.07.2530 D	10.2001-	4	2499	3
Mascott 90	8140.07.2530 D	01.1999 -	4	2499	3
Midliner S 220Ti	MIDR 06.02 26	1989-	6	6180	6
OJK 65,75,85	720 01/02/08		4	3590	4
OJN 60, P 29 SP 36, P	797 20/21/23/26		6	5489	5
P 25, P 29, PJ	720 01/02/08		4	3590	4
P11R, JX 21, 21	797 20/21/23/26		6	5489	5
PBK 6, PBH 6, TBK 6	M420,MDK Diesel		4	6328	7
PG 60 S	MIDS/MIPS D		6	8820	9
PGC 191, 770 KB 6	MID/MIPO6 20 30		6	8820	9
PGC 231	MIDS/MIPS D		6	8820	9
PGK 205, 205 DPH 3	M620/M 620 P/T		6		10
PH 3 520, PH 3 L	M 520 Diesel		5	7917	8
PH 3 520,PH 3 L 520PH	MH 520		5	7917	8
PH 3 620, PH 3 L	M620/M 620 P/T		6		10
PH 3 620, PH 3 L	M620Z3/MDZ 23 M		6		10
PH 3 620, PH 3 L	M620/23/620B D		6	9500	10
PH 4 620, PH 10	M620/M 620 P/T		6		10
PH 4 620, PH 10	MH 620/M 620 Z		6		10
PH 80, PHC 8, PHN 8	MDU24/25/44-46		5	7917	8
PLB 6 M, PLB 6, PL 6 M	M420,MDK Diesel		4	6328	7
PLH 8, PLH 520, PLR	M 520 Diesel		5	7917	8
PLH 8, PLH 520, PLR	MH 520		5	7917	8
PLR 10 M, PHL 10, PLR	M620/M 620 P/T		6		10
PLR 10 M, PHL 10, PLR	M620Z3/MDZ 23 M		6		10
PLR 10 M, PHL 10, PLR	M620/23/620B D		6	9500	10
PM 10 4, PHN 10TAK	M620/M 620 P/T		6		10
PM 4 10, PHN 10, TAK	MH 620/M 620 Z		6		10
PM 6 12 A, PMH 12 6x4	M635/40A,MDO63		6	12000	12
PR 1	M420,MDK Diesel	1970-	4	6328	7
PR 100 2	MIDS/MIPS D		6	9839	11
PR 10100	MID/MIPO6 20 30		6	8820	9
PR 14 GL	MIDR 06 20 30		6	8820	9
PR 180 2 (2030/04)	MIDR 06 20 45 D		6	9840	11
PR 180 2 (2030/3)	MIDS/MIPS D		6	9839	11
PX 28 T	MS/MDS 635,40		6	12000	13
PX 30 V	MS/MDS 635,40		6	12000	13
PX 30/T/VT	MIDR 0635 40 D	1979-	6	12024	13
PX 30/V/VT/T	MIDR 0635 40G/H		6	12024	13
R 310 19 T	MIDR 0635 40G/H		6	12024	13
R 310 19/19 T, R 310	MIDR 0635 40 D		6	12024	13
R 310 26 6x4	MIDR 0635 40G/H		6	12024	13
R 310/T	MIDR 0635 40G/H		6	12024	13
R 312	MIDS/MIPS D		6	9839	11
R 330 (Maxicube)	MIDR 06 20 45 D		6	9840	11
R 330 Maxicode	MIDR 0635 40 D		6	12024	13
R340, R365	MIDR 0635 40G/H		6	12024	13
S 150 06,08,09	798 Diesel	-1986	6	5490	5
S 150 06,08,09,11	MIDS 06.02.12/B	1986-	6	5486	6
S 150 11,S 170 11	797 20/21/23/26		6	5489	5
S 150 13	MIDS 06.02.12/B	1986-	6	5486	6
S 150 TI Midliner	MIDS 06.02.12/B	1986-	6	5486	6

Model	Engine	Years	Cyl	CC	Line
S 150, S 150,11,13,14	798 Diesel		6	5490	5
S 170 13 TB,TA Midliner	MIDR 06.02 12		6	5490	6
S 220	MIDR 06.02 26		6	6180	6
S 5 B/C	720 01/02/08		4	3590	4
S130,S130,06,08,09,11,	797 20/21/23/26		6	5489	5
S150 06,08,09, S150 13	MIDR 06.02 12	1986-	6	5490	6
S170 Midliner BV	MIDR 06.02 12		6	5490	6
SB 2, SD 4 T	712 1/2/3/4/6		4	3320	4
SB2, SG2, MB35	714		4		4
SD4T, SG2 MB38	714		4		4
SG 2 D, SG 3D, SG 4	712 1/2/3/4/6		4	3320	4
SG 5, SG 5C, SG 5M	720 01/02/08		4	3590	4
SG1-N	XD/P,TMP90/723		4	2112	2
SG3, SG4, SG4 MB	714		4		4
SM 7 SP, SM 8 TU,	798 Diesel		6	5490	5
SM 7, SM 8, SM 8 T,	797 20/21/23/26		6	5489	5
SM 8 TUT ,TY, 4x4SM	797 20/21/23/26		6	5489	5
SM5, D5T, SG4	714		4		4
Serie C	MIPS 062045		6	9839	11
Serie G	MIPS 062045		6	9839	11
Serie PER	MIPS 062045		6	9839	11
Serie PR	MIPS 062045		6	9839	11
Serie R	MIPS 062045		6	9839	11
Sonacome	MIDR 0635 40G/H		6	12024	13
TAK 180, TAK	MH 520		5	7917	8
TAK 8,8 A, TAK	MH 520		5	7917	8
TAK 8,8A, TAK 160,	M 520 Diesel		5	7917	8
TB 191 B,C,E,F,G	MID/MIPO6 20 30		6	8820	9
TB 231 B,C,E,F,G,	MIDS/MIPS D		6	8820	9
TB 231,950 KB 6 S950	MIDS/MIPS D		6	8820	9
TB 305	MIDR 0635 40G/H		6	12024	13
TBC 8 RM 2, TCK 8,8	M 520 Diesel		5	7917	8
TBH 12 6x4, PM 5	M635/40A,MDO63		6	12000	12
TBH 260 6x4, PH 180	M635/40A,MDO63		6	12000	12
TF,TR 12, TR 12 250TR	M635/40A,MDO63		6	12000	12
TLC 8 M, 8 M 2, TLC 8	MH 520		5	7917	8
TLC 8 M, 8 M 2, TLC 8	MDU24/25/44-46		5	7917	8
TLM 12, 4x2, 4x4, 6x4	M635/40A,MDO63		6	12000	12
TLM 280, GBH 280, 6x6	MIDS 0635 40 D		6	12000	13
TLM 6 M 2, TLM 10	M620/M 620 P/T		6		10
TLM 6 M 2, TLM 10	M620Z3/MDZ 23 M		6		10
TLM 6 M 2, TLM 10	M620/23/620B D		6	9500	10
TLM 6 M 2,TLM/R 10	M620/M 620 P/T		6		10
TLR 10 M, TR 10, TR	MH 620/M 620 Z		6		10
TLR 12,250	M635/40A,MDO63		6	12000	12
TP 191, TB 191	MID/MIPO6 20 30		6	8820	9
TP 3 M	712 1/2/3/4/6		4	3320	4
TP3, TP3 MB35, TP3	714		4		4
TR 205 TS, TR 260	M635/40A,MDO63		6	12000	12
TR 305/A, TRH 305	MS/MDS 635,40	1978-	6	12000	13
Titan Terberg 8x8	MIDR 0635 40G/H		6	12024	13
karex 300	8140.07.2530 D	09..1997	4	2499	3

R.V.I.









R.V.I.

								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
1	829/J6R Carburettor			1995 cc	88.00 X 82.00	4 cyl	B 80	1
	CR4015AM STD/.25/.5/.75/1.0/1.25 <i>4 half bearing shells with oil holes at 30 degrees from the centre line. 4 plain half bearing shells.</i> CLE:CB-1166AL (4) FMO:4-66600RA GLA:B4627SA GLY:01-4187/4 K.S:77 092 608 OEM:7701349156	C4015U C4015L	4 Pairs		2.0578/ 2.0585 52.268/ 52.286	2.2047/ 2.2055 55.999/ 56.020	0.7380 18.75	0.0729 1.852
	MB5081AM <i>Under Development</i> 1982- CLE:MS-1604AL GLA:M5418SA GLY:H1058/5 VAN:VPM91932A	M5544 M5081L	5 Pairs	1-5	2.4753/ 2.4761 62.873/ 62.893	2.6247/ 2.6255 66.667/ 66.688	0.9250 23.50	0.0740 1.880
	MB5544AM STD/.25/.5/.75/1.0/1.25 1980-82 128975- <i>10 grooved half bearing shells with 3 holes and locating lug on the left.</i> CLE:MS-1541AL FMO:6575M GLA:M5408SA GLY:H1052/5 K.S:77 124 608 OEM:7701348542 VAN:VPM92426	M5544	5 Pairs		2.4753/ 2.4761 62.873/ 62.893	2.6247/ 2.6255 66.667/ 66.688	0.9250 23.50	0.0740 1.880
2	XD/P,TMP90/723 Diesel			2112 cc	90.00 X 83.00	4 cyl	SG1-N	2
	CR4410AM STD/.3/.5/.8/1.0 ACL:4B2731 CLE:CB- 741AL (4) FMO:4-2870RA GLA:B4433SA GLY:01-4135/4 VAN:VPR882A	C4410	4 Pairs		1.9680/ 1.9685 49.987/ 50.000	2.1140/ 2.1145 53.696/ 53.708	1.1420 29.01	0.0717 1.821
	MB 541AM STD/.3/.5/.8/1.0 <i>3 top half bearing shells with 2 holes at 35 degrees from the centre line and a slot 4.2 wide at the bottom of the groove. 2 top half bearing shells with one 6mm hole at 35 degrees from the centre line and a slot 3.2 wide at the bottom of the groove. 5 plain bottom half bearing shells.</i> ACL:5M2734 CLE:MS- 931AL FMO:4668M GLA:M5273SA GLY:H 889/5 VAN:VPM91170A	M 541/1U M 541/1L	3 Pairs	1-3-5	2.1651/ 2.1657 54.994/ 55.009	2.3122/ 2.3130 58.730/ 58.750	1.1810 30.00	0.0722 1.834
		M 541/2U M 541/2L	2 Pairs	2-4	2.1651/ 2.1657 54.994/ 55.009	2.3122/ 2.3130 58.730/ 58.750	0.8660 22.00	0.0722 1.834
3	8140.21.200 D (A) 2V	04.1986-09.1990	2445 cc	93.00 X 90.00	4 cyl			3
	8140.21.235 D (A) 2V	01.1986-06.1994	2445 cc	93.00 X 90.00	4 cyl			
	8140.61.235 D (AN) 2V	01.1983-12.1990	2445 cc	93.00 X 90.00	4 cyl			
	8140.07.2530 D (AN) 2 V	08.1990-06.1994	2499 cc	93.00 X 92.00	4 cyl	Karex 260, Karex 300, Karex 340, Mascott 130, Mascott 90, karex 300		
	8140.07.2585 EURO 1 D (AN) 2V	05.1994-04.1996	2499 cc	93.00 X 92.00	4 cyl			
	8140.67.2585 EURO 2 D (LA) 2V	02.1996-06.1999	2499 cc	93.00 X 92.00	4 cyl			
	CR4073CP STD/010/020/030/040/050/060 CLE:CB-1149P (4) FMO:4-66575CP GLA:B4721LB GLY:71-4185/4 K.S:77 155 600 OEM:1901926 VAN:VPR91914	C4073U C4160L	4 Pairs		2.2252/ 2.2258 56.520/ 56.535	2.3753/ 2.3758 60.333/ 60.345	0.9724 24.70	0.0743 1.887
	MB5122CP STD/010/020/030/040 CLE:MS-1451P FMO:6564M GLA:M5389LB GLY:H1049/5 K.S:77 154 600 VAN:VPM91664	M5122U M5122L	4 Pairs	1-2-3-4	2.9995/ 3.0000 76.187/ 76.200	3.1727/ 3.1735 80.587/ 80.607	0.9843 25.00	0.0860 2.184
		F5122U F5122L	1 Pair	5	2.9995/ 3.0000 76.187/ 76.200	3.1727/ 3.1735 80.587/ 80.607	1.2578 31.95	0.0860 2.184
4	714			98.00 X 110.00	4 cyl	D 5 T, E24 NB61, Fourgon, MB 35, 38, 59, 73MBT, MG 35, 3, SB2, SG2, MB35, SD4T, SG2 MB38 Fourgon, SG3, SG4, SG4 MB 59SG4 MB60, SM5, D5T, SG4 MBTSG5D,SG5,, TP3, TP3 MB35, TP3 MB39		4
	712 1/2/3/4/6 Diesel		3320 cc	98.00 X 110.00	4 cyl	SB 2, SD 4 T, SG 2 D, SG 3D, SG 4 DSG 5 SD 4, TP 3 M		

R.V.I.				R.V.I.				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
720 01/02/08 Diesel		3590 cc	102.00 X 110.00	4 cyl	90B6-8, JK 60 A,JK 60 BJN , JK 75 BOM, JK1A 14, JK1B 16, JK2A 12JK 50, JN 85, JN 85 BOM, JN 85, OJK 65,75,85, P 25, P 29, PJ, S 5 B/C, SG 5, SG 5C, SG 5M 73S90, S90,			
CR4144CP CLE:CB- 806P(4) FMO:4-60965CP GLA:B4714LC GLY:71-4170/4 OEM:8556865 VAN:VPR92264LC	C4144	4 Pairs		2.3725/ 2.3730 60.262/ 60.274	2.5195/ 2.5200 63.995/ 64.008	1.1957 30.37	0.0720 1.829	
MB5003CP CLE:MS-1211P FMO:6275M GLA:M5452LC GLY:H1035/5 VAN:VPM92265LC	M5003/1U M5003/1L	3 Pairs	1-3-5	2.9119/ 2.9134 73.962/ 74.000	3.0981/ 3.0988 78.692/ 78.710	1.3898 35.30	0.0919 2.334	
	M5003/2U M5003/2L	2 Pairs	2-4	2.9119/ 2.9134 73.962/ 74.000	3.0981/ 3.0988 78.692/ 78.710	1.0354 26.30	0.0919 2.334	
5 797 20/21/23/26 Diesel		5489 cc	102.00 X 112.00	6 cyl	11 136 HA, 75 130 4x495 130, 11 136 HA, 95 130 4x4GB 131 ,, 130 B 11 - 130 B 13130 B 14 -, 130 B 6 A/B9/B11/B13/B14130, 130 B 9, 130 TB - 130 TB 19130 TB 20 -, HR 15, HP 15, JN 20, JN 60JN 60 A, JN75, JN 80, JN 90, JN 95, JN 11 BOMJP 11,,JP 13,, JP 14, JP 14 BOMJR 19,21, JP, OJN 60, P 29 SP 36, P 36 S, P, P11R, JX 21, 21 AT,BT,CTSC 28, S 150 11,S 170 11, S130,S130,06,08,09,11,131 4,, SM 7, SM 8, SM 8 T, TTYSM 8 TM, SM 8 TUT ,TY, 4x4SM 8, 13, SM		5	
798 Diesel Turbocharged		5490 cc	102.00 X 112.00	6 cyl	150 B 11,13,Citerne, 150 B, GF 151 D, 95.130, E7C(910), JP 13,B,C, JP 11, JP 13 TJP 13, JP 14, JP 19,21, JR 19A ,BJR, S 150 06,08,09, S 150, S 150,11,13,14, SM 7 SP, SM 8 TU, TUT, TY110,			
CR6733CP <i>Under Development</i> FMO:61890CP GLA:B6592LC VAN:VPR92266LC	C6733*	6 Pairs		2.5583/ 2.5591 64.981/ 65.001	2.7048/ 2.7055 68.702/ 68.720	1.1969 30.40	0.0720 1.829	
MB 716CP <i>Under Development</i> CLE:MS-1156P FMO:6277M GLY:H1036/7 VAN:VPM92267LC	M 716U* M 716L*	7 Pairs	1-7	2.7560/ 2.7565 70.002/ 70.015	2.9134/ 2.9141 74.000/ 74.018	1.1417 29.00	0.0770 1.956	
6 MIDS 06.02.12/B Turbocharged & Intercooled		5486 cc	102.00 X 112.00	6 cyl	S 150 06,08,09,11 Midliner, S 150 13, S 150 TI Midliner		6	
MIDR 06.02 12 Diesel Turbocharged & Intercooled		5490 cc	102.00 X 112.00	6 cyl	G170 11A,13A,15A,16A,17A, G170 Midliner BV B6, Mack MS 200,250, S 170 13 TB,TA Midliner, S150 06,08,09, S150 13, S170 Midliner BV BDSL029E E			
MIDR 06.02 26 Diesel Turbocharged & Intercooled		6180 cc	102.00 X 126.00	6 cyl	Midliner S 220Ti, S 220			
CR1235CP	C1235U*	1 Pair		2.5583/ 2.5590	2.6929/ 2.7055	1.2264	0.0720	

R.V.I.					R.V.I.			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
<i>Under Development</i> CLE:CB-1554P(1) VAN:VPR92590LC	C1235L*			64.981/ 64.999	68.400/ 68.720	31.15	1.829	
MB 716CP <i>Under Development</i> -1991 CLE:MS-1156P FMO:6277M GLY:H1036/7 VAN:VPM92267LC	M 716U* M 716L*	7 Pairs	1-7	2.7560/ 2.7565 70.002/ 70.015	2.9134/ 2.9141 74.000/ 74.018	1.1417 29.00	0.0770 1.956	
MB 717CP <i>Under Development</i> 1991- CLE:MS-1929P GLY:H1090/7 VAN:VPM92590LC	M 717U* M 717L*	7 Pairs	1-7	2.9922/ 2.9929 76.002/ 76.020	3.1496/ 3.1503 80.000/ 80.018	1.0984 27.90	0.0770 1.956	
7	M420,MDK Diesel	6328 cc	120.00 X 140.00	4 cyl	GBK 6, GBK 6 4x4, GBK 75, GLC 6 M, GLC 6 M 2, GLC M 3, RM, L 62 M 3, L 64, 6 M 3, L 62 RM, L 62/62RM3, MDX 16 M, 24 M, 44 M, 44 M 3., PBK 6, PBH 6, TBK 6, PLB 6 M, PLB 6, PL 6 M, PR 1	7		
CR1205CP <i>5mm locating lug and 2 holes.</i> CLE:CB- 742P(1) FMO:2975CP GLA:B1127LC GLY:71-4306 VAN:VPR91644LC	C1205	1 Pair		3.3055/ 3.3063 83.960/ 83.980	3.5433/ 3.5441 90.000/ 90.020	1.7717 45.00	0.1170 2.972	
MB5090CP <i>Under Development</i> GLA:M5503LC VAN:VPM91124LC	M5090/1U* M5090/1L*	3 Pairs	1,3,5	3.5409/ 3.5417 89.939/ 89.959	3.7795/ 3.7806 95.999/ 96.027	2.5000 63.50	0.1170 2.972	
	M5090/2U* M5090/2L*	2 Pairs	2,4	3.5409/ 3.5417 89.939/ 89.959	3.7795/ 3.7806 95.999/ 96.027	1.5827 40.20	0.1170 2.972	
8	M 520 Diesel	7917 cc	120.00 X 140.00	5 cyl	GCK 8,8 R, GCK 160,160AGCK 160, L 648,8RALE 520,620, PH 3 520, PH 3 L 520PH 80, PHC, PLH 8, PLH 520, PLR 8MU, PLH 8, TAK 8,8A, TAK 160, 160 ABCTAK, TBC 8 RM 2, TCK 8,8 ABTLC 8M	8		
	MH 520	7917 cc	120.00 X 140.00	5 cyl	6x6, GBC 8 6x6, GBC 8 M 3 6x6GBC 8, GBC 8 RM, GBC 8 RM 2 6x4GBC, GCK 8,8R, GCK 160,160AGCK 160B, GLC 8 M 2 R 4x4GLC 8 M 3, RM 3, GLC 8, GLC 8 4x4GLC 8 6x6, GLC, GLR 8 M, GLR 8 M 2,MR 2GLR 8 M, GLR 8 RM 3, GLR 160/MC/AGR 8, L 64 8 M 3, L 648,8 RALE 520., PH 3 520,PH 3 L 520PH 80, PHC, PLH 8, PLH 520, PLR 8MU,PLH 8, TAK 180, TAK 8,160TBC 8 RM 2, TAK 8,8 A, TAK 160,160ABC, TLC 8 M, 8 M 2, TLC 8 M 3TLC 8			
	MDU24/25/44-46 Diesel	7917 cc	120.00 X 140.00	5 cyl	6x4, GBC 8 M, GBC 8 6x6,GBC 8 M 3 6x6GBC 8 M, GBC 8 RM, GBC 8 RM 2 6x4GBC 8, GLC 8 M 2 R 4x4GLC 8 M 3, RM 3, GLC 8, GLC 8 4x4GLC 8 6x6, GLC, GLR 8 M, GLR 8 M 2, MR 2GLR 8, GLR 8 R M			

R.V.I.				R.V.I.				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
							3GLR 160, GLR 160 MC, GR 8L 64 8 M 3, L 648,8 RA, LE 520, 620PH 3 520, PH 3 L, MR, MR 3, L 64, 8, MU, PLH 8 M, TAK 8,8 ATAK 160,, PH 80, PHC 8, PHN 8 MPLH 8,, TLC 8 M, 8 M 2, TLC 8 M 3TLC 8	
CR1205CP CLE:CB- 742P (1) FMO:2975CP GLA:B1127LC GLY:71-4306 VAN:VPR91644LC	C1205	1 Pair		3.3055/ 3.3063 83.960/ 83.980	3.5433/ 3.5441 90.000/ 90.020	1.7717 45.00	0.1170 2.972	
MB 616CP <i>Under Development</i> GLA:M6052LC GLY:H1195/6 VAN:VPM91087LC	M5090/1U* M5090/1L*	3 Pairs	1,4,6	3.5409/ 3.5417 89.939/ 89.959	3.7795/ 3.7806 95.999/ 96.027	2.5000 63.50	0.1170 2.972	
	M5090/2U* M5090/2L*	3 Pairs	2,3,5	3.5409/ 3.5417 89.939/ 89.959	3.7795/ 3.7806 95.999/ 96.027	1.5827 40.20	0.1170 2.972	
9	MID/MIPO6 20 30 Diesel			8820 cc 120.00 X 130.00	6 cyl		9	
						950 KB 6/6 A,950 KBT 6, Cars PR 10,12,14Cars PR 100,, G 45, PG 60, G 105, GB 190 A/B, GB 191 A, GBC 4x4, GC 190 A/B, GC 191 AGC 191 BOM, GF 100 A, GF 190, GF 191, GLR 190,GPR 190/250,GR, GR 190 A/B, GR 191, GR 191 B/BOM, H 26 CT,T,BT,DTHB 17 B,C, HB 15, HB 17, HB 15 BHB 19,HB, PGC 191, 770 KB 6, PR 10100, TB 191 B,C,E,F,G, TP 191, TB 191		
	MIDS/MIPS D Diesel Turbocharged			8820 cc 120.00 X 130.00	6 cyl			
						230 16/16A, 950 KB 6 S, SA950 KBT 6 S, C 210, 19, C 260 19 T, Cars PR 10 S,12SCar PR 14 S, Cars PR 100, PR180PER 180, CLR, G 230 11,G 230 13/13AG 230 15, G 230 17, G 230 19/19 A, G 45 S, G 105 S, G210 16/16 A, G 210 17/17BOM,, G210 19/19 A/BOM, GB 231, GBD 6x6, 230 G, GC 231 T, GF 230T , GF 231T , , GR 230 A,GR 231 TGR 190, GRH, GRH 190, GRH 235 6x4, HE, GLR 230 4x4, HF 19,HF 26 VR 6x4, HF 26 CT,T,BT,ETHF 15 B, HF 17, MACK MS 300, PG 60 S, PGC 231, TB 231 B,C,E,F,G, Saviem, TB 231,950 KB 6 S950 KTB 6 S		
	MIDR 06 20 30 Diesel Turbocharged & Air cooled			8820 cc 120.00 X 130.00	6 cyl			
						Car PR 14 SR, PR 14 GL		
CR1233CP <i>Under Development</i> CLE:CB-1556P (1) GLA:B1165LC VAN:VPR92593LC	C1233	1 Pair		2.8331/ 2.8339 71.961/ 71.981	2.9921/ 2.9929 75.999/ 76.020	1.5366 39.03	0.0780 1.981	
MB 712CP <i>Under Development</i> -11/1996	M 712U M 712L	7 Pairs	1-7	3.7783/ 3.7791 95.969/ 95.989	4.0157/ 4.0166 101.999/102.022	1.3386 34.00	0.1170 2.972	

R.V.I.				R.V.I.			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
GLA:M7453LC GLY:H1050/7 VAN:VPM92567LC							
10	M620/M 620 P/T		120.00 X 140.00	6 cyl	GBC 8 MT,GCK 200/205GLM 10 M 2, GBC 8 MTGCK 200, GCK 205, GLM 10 M 2,GLM 10 MGLR 10 M 3., GLR 10 M 3,GLR 200GPR K 10., GPR K 10, GLR 10 MGR 10, GR, GR 10, GR 200, GKR 10GR 205., PGK 205, 205 DPH 3 620, PH 3 L, PH 3 620, PH 3 L 620PH 4 620., PH 4 620, PH 10 100PLR 10 M., PLR 10 M, PHL 10, PLR MUPM 4, PM 10 4, PHN 10TAK 205, TLM 6 M 2, TLM 10 MTLR 10 M., TLM 6 M 2,TLM/R 10 MTR 10, TR	10	
	MH 620/M 620 Z		120.00 X 140.00	6 cyl	GBC 8MT,GCK 200, GCK 205GLM 10, GPR K 10, GLR 10 MGR 10, GR, GR 205, PBR 10, PGK 205/DPH 3, PH 4 620, PH 10 100PLR 10 M., PM 4 10, PHN 10, TAK 205TLM 6, TLR 10 M, TR 10, TR 200		
	M620Z3/MDZ 23 M		120.00 X 140.00	6 cyl	GBC 8 MT, GCK 200/205GLM 10 M, GLR 10 M 3, GLR 200GPR K 10., GR 10, GR 200, GRK 10GR 205., PH 3 620, PH 3 L 620PH 4 620., PLR 10 M, PHL 10, PLR MUPM 4, TLM 6 M 2, TLM 10 MTLR 10 M,		
	M620/23/620B D Diesel	9500 cc	120.00 X 140.00	6 cyl	GBC 8 MT, GCVK 200/205GLM, GLR 10 M 3, GLR 200GPR K 10., GR 10, GR 200, GKR 10GR 205., PH 3 620, PH 3 L 620PH 4 620., PLR 10 M, PHL 10, PLR MUPM 4, TLM 6 M 2, TLM 10 MTLR 10 M,		
CR1205CP CLE:CB- 742P(1) FMO:2975CP GLA:B1127LC GLY:71-4306 VAN:VPR91644LC	C1205	1 Pair		3.3055/ 3.3063 83.960/ 83.980	3.5433/ 3.5441 90.000/ 90.020	1.7717 45.00	0.1170 2.972
MB 711CP <i>Under Development</i> FMO:6587M GLA:M7449LC GLY:H1054/7 VAN:VPM91126LC	M5090/2U* M5090/2L*	4 Pairs	2,3,5,6	3.5409/ 3.5417 89.939/ 89.959	3.7795/ 3.7806 95.999/ 96.027	1.5827 40.20	0.1170 2.972
	M5090/1U* M5090/1L*	3 Pairs	1,4,6	3.5409/ 3.5417 89.939/ 89.959	3.7795/ 3.7806 95.999/ 96.027	2.5000 63.50	0.1170 2.972
11	MIDS/MIPS D Diesel Turbocharged	9839 cc	120.00 X 145.00	6 cyl	C 260 19 T / 26 T, C 290C 260, G 260 16 B/16 C, G 260 17G 260, PR 100 2, PR 180 2 (2030/3), R 312		11
	MIPS 062045	9839 cc	119.89 X 145.03	6 cyl	385 (Kerax), Serie C, Serie G, Serie PER, Serie PR, Serie R		
	MIDR 06 20 45 D Diesel Turbocharged & Intercooled	9840 cc	120.00 X 145.00	6 cyl	FR 1, FR 1 GTX, G 260 19 T,GT, G 290 19T,GT, G 290, G 290 19/19A, G290 26 6x4, PR 180 2 (2030/04),		

R.V.I.				R.V.I.				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
				R 330 (Maxicube)				
MIPR 06 20 45		9840 cc	119.89 X 145.03	6 cyl				
MIDR 06 23 56 12 VALVES 10		11116 cc	123.00 X 156.00	6 cyl				
MIDR 06 23 56 12 VALVES 11		11116 cc	123.00 X 156.00	6 cyl				
MIDR 06 23 56 24 VALVES		11116 cc	123.00 X 156.00	6 cyl				
CR1232CP <i>Under Development</i> ->11.1996 CLE:CB-1540P(1) GLA:B1130LC VAN:VPR92566LC	C1232	1 Pair		3.0299/ 3.0307 76.959/ 76.980	3.2283/ 3.2292 81.999/ 82.022	1.6063 40.80	0.0980 2.489	
CR1304CP STD/.25/.5/.75/1.0 <i>Under Development</i> 12.1996-> FMO:6-4370CP GLY:71-4290 VAN:VPR01028	C1304	1 Pair		3.0299/ 3.0307 76.959/ 76.980	3.2283/ 3.2292 81.999/ 82.022	1.6102 40.90	0.0978 2.484	
MB 712CP <i>Under Development</i> ->11.1996 GLA:M7453LC GLY:H1050/7 VAN:VPM92567LC	M 712U M 712L	7 Pairs	1-7	3.7783/ 3.7791 95.969/ 95.989	4.0157/ 4.0166 101.999/102.022	1.3386 34.00	0.1170 2.972	
MB7117CP STD/.25/.5/.75/1.0 <i>Under Development</i> 12.1996-> FMO:7259M GLY:H1129/7 VAN:VPM07018	M7117U M7117L	7 Pairs	1-7	3.7782/ 3.7791 95.966/ 95.989	4.0157/ 4.0245 101.999/102.222	1.3386 34.00	0.1165 2.959	
12	M635/40A,MDO635 Diesel	12000 cc	135.00 X 140.00	6 cyl	GBH 260 6x4, GF 12GLM 12, GLM, GBH 6x6, GBH 12 6x4GBH 12 6x6, GLM 12 4x4, GLM 12 6x4, GLR 250, 250 A/B, GF 12, GR 260, PM 6 12, GPR 12, LE 635, LES 635, PM 6 12 A, PMH 12 6x4, TBH 12 6x4, PM 5, TBH 260 6x4, PH 180, TF,TR 12, TR 12 250TR 250, TR, TLM 12, 4x2, 4x4, 6x4, TLR 12,250, TR 250 TS, TR 260		12	
CR1205CP -1984 CLE:CB- 742P(1) FMO:2975CP GLA:B1127LC GLY:71-4306 VAN:VPR91644LC	C1205	1 Pair		3.3055/ 3.3063 83.960/ 83.980	3.5433/ 3.5441 90.000/ 90.020	1.7717 45.00	0.1170 2.972	
CR1231CP <i>Under Development</i> 1984- CLE:CB-1589P(1) FMO:66730CP VAN:VPR92594LC	C1231*	1 Pair		3.3055/ 3.3063 83.960/ 83.980	3.5433/ 3.5441 90.000/ 90.020	1.7717 45.00	0.1170 2.972	
MB 711CP <i>Under Development</i> FMO:6587M GLA:M7449LC GLY:H1054/7 VAN:VPM91126LC	M5090/2U* M5090/2L*	4 Pairs	2,3,5,6	3.5409/ 3.5417 89.939/ 89.959	3.7795/ 3.7806 95.999/ 96.027	1.5827 40.20	0.1170 2.972	
	M5090/1U* M5090/1L*	3 Pairs	1,4,6	3.5409/ 3.5417 89.939/ 89.959	3.7795/ 3.7806 95.999/ 96.027	2.5000 63.50	0.1170 2.972	
13	MIDS 0635 40 D Diesel Turbocharged	12000 cc	135.00 X 140.00	6 cyl	CLM, CBH 280, GBH 280 6x4 E, TBH 280 6x4, TLM 280, GBH 280, 6x6 TS		13	
	MS/MDS 635,40 Diesel Turbocharged	12000 cc	135.00 X 140.00	6 cyl	GBH 280 6x4, 6x6GBH 280 6x6 TS, GR/GRH 305 A/BGRH 305(PX 30 V), GR200, GR 280 A/B 6x2, LE/ S 635, TLR/TBH 280TLR 280, PX 28 T, PX			

R.V.I.				R.V.I.			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
MIDR 0635 40 D Diesel Turbocharged & Air Cooled		12024 cc	135.00 X 140.00	6 cyl	30 V, TR 305/A, TRH 305 GR/TR 305, GRH/TRH 305, PX 30/T/VT, R 310 19/19 T, R 310 26, R 330 Maxicode		
MIDR 0635 40G/H Diesel Turbocharged & Air Cooled		12024 cc	135.00 X 140.00	6 cyl	CBH 340, GR 305, GRH 305TR 305, TRH 305, PX 30/V/VT/T, R 310 19 T, R 310 26 6x4, R 310/T, R340, R365, Sonacome, TB 305, Titan Terberg 8x8		
CR1230CP <i>Under Development</i> -1984 CLE:CB-1539P(1) FMO:66200CP VAN:VPR92565LC	C1230*	1 Pair		3.3055/ 3.3063 83.960/ 83.980	3.5433/ 3.5441 90.000/ 90.020	1.5748 40.00	0.1170 2.972
CR1231CP <i>Under Development</i> 1984- CLE:CB-1589P(1) FMO:66730CP VAN:VPR92594LC	C1231*	1 Pair		3.3055/ 3.3063 83.960/ 83.980	3.5433/ 3.5441 90.000/ 90.020	1.7717 45.00	0.1170 2.972
MB 711CP <i>Under Development</i> FMO:6587M GLA:M7449LC GLY:H1054/7 VAN:VPM91126LC	M5090/2U* M5090/2L*	4 Pairs	2,3,5,6	3.5409/ 3.5417 89.939/ 89.959	3.7795/ 3.7806 95.999/ 96.027	1.5827 40.20	0.1170 2.972
	M5090/1U* M5090/1L*	3 Pairs	1,4,6	3.5409/ 3.5417 89.939/ 89.959	3.7795/ 3.7806 95.999/ 96.027	2.5000 63.50	0.1170 2.972

Engine Index: RASTROJERO (ARGEN.)

Engine-Code	Years	Cyl	CC	Line
42 H.P.		4	1758	1
52 HP		4	1797	2

Engine-Code	Years	Cyl	CC	Line

Car Model Index: RASTROJERO (ARGEN.)

Model	Engine	Years	Cyl	CC	Line

RASTROJERO (ARGEN.)				RASTROJERO (ARGEN.)			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	42 H.P.			1758 cc	78.00 X 92.00	4 cyl	1
CR4469AM STD./25/5/75/1.0/1.25 FMO:4-60275CP	C4469	4 Pairs		1.9678/ 1.9685 49.982/ 50.000	2.1260/ 2.1267 54.000/ 54.018	0.9840 24.99	0.0782 1.986
MB3316AM STD./25/5/75/1.0/1.25 CLE:MS- 10P FMO:4509M GLA:M3220M GLY:H 50/3	M3316U M3316L	2 Pairs	2-3	2.1646/ 2.1651 54.981/ 54.994	2.3228/ 2.3235 58.999/ 59.017	1.1060 28.09	0.0782 1.986

RASTROJERO (ARGEN.)					RASTROJERO (ARGEN.)			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
VAN:VPM764A	F3316U F3316L	1 Pair	1	2.1646/ 2.1651 54.981/ 54.994	2.3228/ 2.3235 58.999/ 59.017	1.5320 38.91	0.0782 1.986	
2	52 HP	1797 cc		4 cyl		2		
CR4470AM FMO:4-61910CP	C4470	4 Pairs		1.9678/ 1.9685 49.982/ 50.000	2.1260/ 2.1267 54.000/ 54.018	0.9488 24.10	0.0782 1.986	
MB3317AM .25/5/75/1.0 FMO:6288M	M3317U M3317L	2 Pairs	2-3	2.5189/ 2.5196 63.980/ 63.998	2.6771/ 2.6779 67.998/ 68.019	0.9880 25.10	0.0783 1.989	
	F3317U F3317L	1 Pair	1	2.5189/ 2.5196 63.980/ 63.998	2.6771/ 2.6779 67.998/ 68.019	1.3740 34.90	0.0783 1.989	

Engine Index: RELIANT

Engine-Code	Years	Cyl	CC	Line
700		4	700	1
748		4	748	1
848		4	848	2
V6 Carburettor & Fuel Injection		6	2792	3

Engine-Code	Years	Cyl	CC	Line
V6 Competition Version		6	2994	4
V6 Late Type		6	2994	4

Car Model Index: RELIANT

Model	Engine	Years	Cyl	CC	Line
5 cwt Van TW8,Robin	748	1974-	4	748	1
Bond Bug 700/E/ES	700	1971-72	4	700	1
Bond Bug 750/E/ES	748	1973-75	4	748	1
Fox Utility,Kitten De-	848	1975-	4	848	2
Rebel	748	1973-75	4	748	1

Model	Engine	Years	Cyl	CC	Line
Scimitar GTC,GTE.	V6 Carburettor &	1980-86	6	2792	3
Scimitar GTE	V6 Competition	1969-80	6	2994	4
Scimitar GTE	V6 Late Type	1969-80	6	2994	4
TW9,Regal 3/30,21E	700	1968-73	4	700	1

RELIANT					RELIANT			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
1	700		700 cc	60.49 X 60.69	4 cyl	Bond Bug 700/E/ES, TW9,Regal 3/30,21E 700,5 cwt	1	
	748		748 cc	62.49 X 60.96	4 cyl	5 cwt Van TW8,Robin, Bond Bug 750/E/ES, Rebel		
CR4268AM <i>Under Development</i> CLE:CB-1432AL(4) GLA:B4243SA VAN:VPR424A	C4268*	4 Pairs		1.3120/ 1.3125 33.325/ 33.338	1.4175/ 1.4180 36.005/ 36.017	0.8520 21.64	0.0520 1.321	
2	848		848 cc	62.50 X 69.09	4 cyl	Fox Utility,Kitten De-luxe,	2	
CR4268AM <i>Under Development</i> CLE:CB-1432AL(4) GLA:B4243SA VAN:VPR424A	C4268*	4 Pairs		1.3120/ 1.3125 33.325/ 33.338	1.4175/ 1.4180 36.005/ 36.017	0.8520 21.64	0.0520 1.321	

RELIANT				RELIANT			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
MB 322AM CLE:MS-1832AL GLA:M3428SA VAN:VPM91565A	M 322	3 Pairs		1.9995/ 2.0000 50.787/ 50.800	2.1440/ 2.1445 54.458/ 54.470	0.9421 23.93	0.0072 0.183
3	V6 Carburettor & Fuel Injection		2792 cc	93.01 X 68.50	6 cyl	Scimitar GTC,GTE.	3
CR 642SI ACL:6B723 CLE:CB- 723AL(6) FMO:6-3055CP GLA:B6405SA GLY:71-2185/6 K.S:87 280 600 OEM:ZZL2-11-SEO VAN:VPR91201	C 642	6 Pairs		2.1252/ 2.1260 53.980/ 54.000	2.2370/ 2.2378 56.820/ 56.840	0.6490 16.48	0.0552 1.402
MB 435SI STD/010/020/030/040 <i>Alternative set fitted from 1974. Requires Thrust washers</i> ACL:4M1657 CLE:MS-1692AL FMO:5065M GLA:M4260SA GLY:H 934/4 VAN:VPM91744	M4023U	4 Pairs		2.2433/ 2.2441 56.980/ 57.000	2.3866/ 2.3874 60.620/ 60.640	0.8500 21.59	0.0710 1.803
4	V6 Competition Version		2994 cc	93.65 X 72.41	6 cyl	Scimitar GTE	4
	V6 Late Type		2994 cc	93.65 X 72.41	6 cyl	Scimitar GTE	
CR 646AM STD/010/020/030/040 1969-80 CLE:CB- 782AL(6) GLA:B6420SB NDC:CB-3006 VAN:VPR91246	C 449	6 Pairs		2.3761/ 2.3769 60.353/ 60.373	2.5210/ 2.5215 64.033/ 64.046	0.7050 17.91	0.0719 1.826
MB 420AM STD/020 CLE:MS- 904AL GLA:M4224SB NDC:MS-3006 VAN:VPM91247	M3315U M3315L	4 Pairs		2.5010/ 2.5014 63.525/ 63.536	2.6600/ 2.6662 67.564/ 67.721	0.8250 20.96	0.0818 2.078
MB4200AM 030/040 1969-80 <i>.015" oversize housing of MB 420AM</i> GLA:M4224SB O/S VAN:VPM91247 (O/S)	M3335U M3335L	4 Pairs		2.5010/ 2.5014 63.525/ 63.536	2.6804/ 2.6812 68.082/ 68.102	0.8250 20.96	0.0893 2.268
TW 205AM <i>Under Development</i> 1969-80 CLE:TW- 136S FMO:65361BF GLA:W2152SA GLY:A031/4 VAN:VPW30	W 205D W 205E	2 Pairs		2.7150/ 2.7250 68.961/ 69.215	3.3700/ 3.3800 85.598/ 85.852	0.0000 0.00	0.0930 2.362

Engine Index: RENAULT

Engine-Code	Years	Cyl	CC	Line
690 L4 37CI /0.6Liter, OHV, 8	-	4	603	1
680.702 L4 46CI /0.8Liter, OHV,	04/1962-	4	748	1
839 706 L4 48CI /0.8Liter, OHV,	04/1962-	4	782	1
670 L4 52CI /0.9Liter,	-	4	845	1
800 710 L4 52CI /0.9Liter, OHV,	01/1972-	4	845	1
800 L4 52CI /0.9Liter, OHV, 8	04/1962-	4	845	1
689 710 L4 58CI /1.0Liter, OHV,	04/1962-	4	956	2
C1C 700 L4 58CI /1.0Liter, OHV,	04/1962-	4	956	2
688 711-713 L4 68CI /1.1Liter,	04/1962-	4	1108	3
688.01 L4 68CI /1.1Liter, OHV, 8	02/1962-	4	1108	3
C1E 700 L4 68CI /1.1Liter, OHV,	01/1988-	4	1108	4
C1E 715 L4 68CI /1.1Liter, OHV,	09/1981-	4	1108	4
C1E 720 L4 68CI /1.1Liter, OHV,	01/1972-	4	1108	4
C1E 750 L4 68CI /1.1Liter, OHV,	10/1984-	4	1108	4
C1E 754 L4 68CI /1.1Liter, OHV,	04/1962-	4	1108	4
688 712 L4 68CI /1.1Liter, OHV,	04/1962-	4	1108	5
688.01 L4 68CI /1.1Liter, OHV, 8	02/1962-	4	1108	5
688.1 L4 68CI /1.1Liter, OHV, 8	10/1969-	4	1108	5
D4F 704 L4 70CI /1.2Liter,	03/1993-	4	1149	6
D4F 716 L4 70CI /1.2Liter,	08/1997-	4	1149	6

Engine-Code	Years	Cyl	CC	Line
D4F 742 L4 70CI /1.2Liter,	05/2005-	4	1149	6
D4F 772 L4 70CI /1.2Liter,	72/4772-	4	1149	6
D7F 730 L4 70CI /1.2Liter,	05/1990-	4	1149	7
D7F 744 L4 70CI /1.2Liter,	08/1997-	4	1149	7
D7F 800 L4 70CI /1.2Liter,	03/2007-	4	1149	7
E5F 710 L4 71CI /1.2Liter,	05/1990-	4	1171	11
E7F 708 L4 71CI /1.2Liter,	07/1985-	4	1171	11
E7F 750 L4 71CI /1.2Liter,	05/1990-	4	1171	11
129 L4 74CI /1.2Liter,	05/1976-	4	1218	8
C1G 700 L4 75CI /1.3Liter, OHV,	09/1981-	4	1237	11
C1G 720 L4 75CI /1.3Liter, OHV,	10/1984-	4	1237	11
C1G 730 L4 75CI /1.3Liter, OHV,	01/1988-	4	1237	11
810 03 L4 79CI /1.3Liter, OHV, 8	02/1962-	4	1289	9
810 725 L4 79CI /1.3Liter, OHV,	10/1969-	4	1289	9
X5J L4 83CI /1.4Liter,	05/1976-	4	1360	10
E7J 626 L4 85CI /1.4Liter,	08/1995-	4	1390	11
E7J 700 L4 85CI /1.4Liter,	01/1988-	4	1390	11
E7J 754 L4 85CI /1.4Liter,	07/1985-	4	1390	11
K7J 700 L4 85CI /1.4Liter,	70/1997-	4	1390	11
847 700 L4 85CI OHV, 8 Valves,	03/1980-	4	1397	11

Engine-Code	Years	Cyl	CC	Line
847 712 L4 85CI OHV, 8 Valves,	01/1972-	4	1397	11
847 720 L4 85CI OHV, 8 Valves,	04/1978-	4	1397	11
C1J 700 L4 85CI OHV, 8 Valves,	03/1980-	4	1397	11
C1J 770 L4 85CI OHV, 8 Valves,	09/1981-	4	1397	11
C1J 784 L4 85CI OHV, 8 Valves,	03/1983-	4	1397	11
C1J 791 L4 85CI OHV, 8 Valves,	10/1969-	4	1397	11
C2J 717 L4 85CI OHV, 8 Valves,	09/1981-	4	1397	11
C2J 772 L4 85CI OHV, 8 Valves,	07/1985-	4	1397	11
C2J 788 L4 85CI OHV, 8 Valves,	10/1984-	4	1397	11
C6J 750 L4 85CI OHV, 8 Valves,	01/1972-	4	1397	11
K9K (Turbo) L4 89CI /1.5Liter,	08/1997-	4	1461	12
K9K L4 89CI /1.5Liter,	08/1997-	4	1461	12
807 20 L4 96CI /1.6Liter, OHV, 8	10/1969-	4	1565	15
821 20 L4 96CI /1.6Liter, OHV, 8	10/1969-	4	1565	15
821 L4 96CI /1.6Liter, OHV, 8	09/1965-	4	1565	15
A5L 717 L4 96CI /1.6Liter, OHV,	04/1978-	4	1565	15
F8M 730 L4 97CI /1.6Liter,	09/1981-	4	1595	23
K7M L4 98CI /1.6Liter,	08/1995-	4	1598	13
K4M L4 98CI /1.6Liter, DOHC, 16	11/1993-	4	1598	14
843 720 L4 101CI /1.7Liter, OHV,	10/1975-	4	1647	15
843 724 L4 101CI /1.7Liter, OHV,	02/1980-	4	1647	15
843.01 L4 101CI /1.7Liter,	09/1965-	4	1647	15
A1M 705 L4 101CI /1.7Liter,	03/1980-	4	1647	15
A2M 723 L4 101CI /1.7Liter,	04/1978-	4	1647	15
F1N 722 L4 105CI /1.8Liter,	03/1980-	4	1721	16
F2N 710 L4 105CI /1.8Liter,	09/1981-	4	1721	16
F2N 742 L4 105CI /1.8Liter,	10/1984-	4	1721	16
F2N 770 L4 105CI /1.8Liter,	05/1990-	4	1721	16
F2N 798 H4 105CI /1.8Liter,	09/1981-	4	1721	16
F3N 723 L4 105CI /1.8Liter,	03/1986-	4	1721	16
F3N 742 L4 105CI /1.8Liter,	01/1988-	4	1721	16
F7P 722 L4 108CI /1.8Liter,	01/1988-	4	1763	16
F3P L4 109CI /1.8Liter,	05/1990-	4	1794	16
F3P L4 109CI /1.8Liter,	11/1993-	4	1794	23
F8Q 640 L4 114CI /1.9Liter,	07/1985-	4	1870	16
F8Q 730 L4 114CI /1.9Liter,	01/1988-	4	1870	16
F8Q 740 L4 114CI /1.9Liter,	01/1988-	4	1870	16
F8Q 744 L4 114CI /1.9Liter,	01/1991-	4	1870	16
F8Q 622 L4 114CI /1.9Liter,	03/1999-	4	1870	22
F8Q 662 L4 114CI /1.9Liter,	08/1997-	4	1870	22
F9Q 710 L4 114CI /1.9Liter,	11/1993-	4	1870	22
F9Q 733 L4 114CI /1.9Liter,	11/1993-	4	1870	22
F9Q 752 L4 114CI /1.9Liter,	03/2001-	4	1870	22
F9Q 782 L4 114CI /1.9Liter,	08/1997-	4	1870	22
F9Q 800 L4 114CI /1.9Liter,	08/1997-	4	1870	22
F9Q 803 L4 114CI /1.9Liter,	03/2001-	4	1870	22
F8Q 620 L4 114CI /1.9Liter,	08/1995-	4	1870	23
F8Q 732 L4 114CI /1.9Liter,	05/1990-	4	1870	23
F8Q 744 L4 114CI /1.9Liter,	01/1991-	4	1870	23
F8Q 774 L4 114CI /1.9Liter,	07/1985-	4	1870	23
F8Q 784 L4 114CI /1.9Liter,	08/1995-	4	1870	23
F8Q 786 L4 114CI /1.9Liter,	08/1995-	4	1870	23
F8Q 790 L4 114CI /1.9Liter,	08/1995-	4	1870	23
N7Q L4 119CI /2.0Liter, DOHC,	11/1993-	4	1948	17
829 702 L4 122CI /2.0Liter,	10/1975-	4	1995	18

Engine-Code	Years	Cyl	CC	Line
J5R 726 L4 122CI /2.0Liter,	02/1980-	4	1995	18
J6R 758 L4 122CI /2.0Liter,	03/1986-	4	1995	18
J7R 733 L4 122CI /2.0Liter,	09/1989-	4	1995	18
J7R 756 L4 122CI /2.0Liter,	03/1986-	4	1995	18
J7R 760 L4 122CI /2.0Liter,	07/1984-	4	1995	18
J6R 714 L4 122CI /2.0Liter,	02/1979-	4	1995	19
J7R 723 L4 122CI /2.0Liter,	04/1984-	4	1995	19
J7R 733 L4 122CI /2.0Liter,	01/1991-	4	1995	19
J7R 734 L4 122CI /2.0Liter,	09/1989-	4	1995	19
J7R 756 L4 122CI /2.0Liter,	03/1986-	4	1995	19
829 700 L4 122CI /2.0Liter,	10/1975-	4	1995	20
J6R 792 L4 122CI /2.0Liter,	03/1986-	4	1995	20
M9R 780 L4 122CI /2.0Liter,	03/2001-	4	1995	21
F3R 796 L4 122CI /2.0Liter,	09/1996-	4	1998	22
F4R 722 L4 122CI /2.0Liter,	03/2001-	4	1998	22
F4R 760 L4 122CI /2.0Liter,	09/2001-	4	1998	22
F4R 764 L4 122CI /2.0Liter,	03/2001-	4	1998	22
F4R 780 L4 122CI /2.0Liter,	11/1993-	4	1998	22
F3R 722 L4 122CI /2.0Liter,	11/1993-	4	1998	23
F7R 710 L4 122CI /2.0Liter,	05/1990-	4	1998	23
852 710 L4 126CI /2.1Liter,	04/1978-	4	2068	24
852 720 L4 126CI /2.1Liter,	03/1980-	4	2068	24
852 L4 126CI /2.1Liter,	10/1975-	4	2068	24
J8S 240 L4 126CI /2.1Liter,	07/1984-	4	2068	24
J8S 600 L4 126CI /2.1Liter,	03/1986-	4	2068	24
J8S 620 L4 126CI /2.1Liter,	03/1989-	4	2068	24
J8S 712 L4 126CI /2.1Liter,	04/1978-	4	2068	24
J8S 750 L4 126CI /2.1Liter,	03/1980-	4	2068	24
J8S 240 L4 126CI /2.1Liter,	07/1984-	4	2068	25
J8S 702 L4 126CI /2.1Liter,	02/1975-	4	2068	25
J8S 712 L4 126CI /2.1Liter,	04/1978-	4	2068	25
J8S 778 L4 126CI /2.1Liter,	01/1991-	4	2068	25
J7T 730 L4 132CI /2.2Liter,	04/1984-	4	2165	26
J7T 760 L4 132CI /2.2Liter,	04/1992-	4	2165	26
J7T 776 L4 132CI /2.2Liter,	01/1991-	4	2165	26
J7T 782 L4 132CI /2.2Liter,	07/1980-	4	2165	26
G8T 740 L4 134CI /2.2Liter,	11/1993-	4	2188	27
G8T 740 L4 134CI /2.2Liter,	11/1993-	4	2188	27
G8T 790 L4 134CI /2.2Liter,	11/1993-	4	2188	27
G9T 642 L4 134CI /2.2Liter,	-	4	2188	28
G9T L4 134CI /2.2Liter, DOHC,	11/1996-	4	2188	28
N7U L5 149CI /2.5Liter, DOHC,	07/1996-	5	2435	29
8140.61.240 L4 149CI /2.5Liter,	03/1980-	4	2445	30
S8U 730 L4 149CI /2.5Liter,	03/1980-	4	2445	30
112 V6 163CI /2.5Liter,	02/1975-	6	2664	31
Z7V V6 163CI /2.7Liter,	04/1984-	6	2664	31
Z7W 700 V6 174CI /2.9Liter,	04/1984-	6	2849	31
Z7W 713 V6 174CI /2.9Liter,	01/1991-	6	2849	31
Z7X 760 V6 181CI /2.9Liter,	04/1992-	6	2963	31

Car Model Index: RENAULT

Model	Engine	Years	Cyl	CC	Line
(R2398)(R2370)(R2430)	688.1 L4 68CI		4	1108	5
25 V6 Injection	Z7W 700 V6 174CI	1988-	6	2849	31
25 V6 Injection	Z7W 713 V6 174CI	1988-	6	2849	31

Model	Engine	Years	Cyl	CC	Line
712, 710	F2N 798 H4 105CI	1986-	4	1721	16
712, 710	F1N 722 L4 105CI	1986-	4	1721	16
712, 710	F2N 742 L4 105CI	1986-	4	1721	16

Model	Engine	Years	Cyl	CC	Line
712, 710	F2N 710 L4 105CI	1986-	4	1721	16
712, 710	F3N 723 L4 105CI	1986-	4	1721	16
712, 710	F2N 770 L4 105CI	1986-	4	1721	16
712, 710	F3N 742 L4 105CI	1986-	4	1721	16
A1M A2M	843 720 L4 101CI	1981-	4	1647	15
ACV	680.702 L4 46CI	1951-61	4	748	1
ALPINE	Z7X 760 V6 181CI		6	2963	31
Alouette (R2136)	810 725 L4 79CI	1972-80	4	1289	9
Alouette (R2136)	810 03 L4 79CI	1972-80	4	1289	9
Avantime, Espace,	G9T 642 L4 134CI		4	2188	28
B70	S8U 730 L4 149CI	1982-	4	2445	30
C, B, S 374	F8M 730 L4 97CI	1983-85	4	1595	23
CLIO	D4F 772 L4 70CI		4	1149	6
CLIO	D4F 716 L4 70CI	02/96-	4	1149	6
CLIO	K7M L4 98CI	95-	4	1598	13
CLIO	K4M L4 98CI		4	1598	14
Cherokee BL 79 3E	J8S 778 L4 126CI	1982-	4	2068	25
Cherokee BL 79 3E	J8S 240 L4 126CI	1982-	4	2068	25
Cherokee BL 79 3E	J8S 702 L4 126CI	1982-	4	2068	25
Cherokee BL 79 3E	J8S 712 L4 126CI	1982-	4	2068	25
Clio	F2N 798 H4 105CI	1988-	4	1721	16
Clio	F1N 722 L4 105CI	1988-	4	1721	16
Clio	F2N 742 L4 105CI	1988-	4	1721	16
Clio	F2N 710 L4 105CI	1988-	4	1721	16
Clio	F3N 723 L4 105CI	1988-	4	1721	16
Clio	F2N 770 L4 105CI	1988-	4	1721	16
Clio	F3N 742 L4 105CI	1988-	4	1721	16
Clio	F7P 722 L4 108CI		4	1763	16
Clio	F9Q 803 L4 114CI		4	1870	22
Clio	F9Q 710 L4 114CI		4	1870	22
Clio	F9Q 800 L4 114CI		4	1870	22
Clio	F9Q 733 L4 114CI		4	1870	22
Clio	F9Q 752 L4 114CI		4	1870	22
Clio A 710	E7F 708 L4 71CI		4	1171	11
Clio A 710	E5F 710 L4 71CI		4	1171	11
Clio A 710	E7F 750 L4 71CI		4	1171	11
Clio E6j, G712, H713	K7J 700 L4 85CI		4	1390	11
Clio E6j, G712, H713	E7J 626 L4 85CI		4	1390	11
Clio E6j, G712, H713	E7J 700 L4 85CI		4	1390	11
Clio E6j, G712, H713	E7J 754 L4 85CI		4	1390	11
Clio RL, RN, RT	F8Q 740 L4 114CI		4	1870	16
Clio RL, RN, RT	F8Q 744 L4 114CI		4	1870	16
Clio RL, RN, RT	F8Q 640 L4 114CI		4	1870	16
Clio RL, RN, RT	F8Q 730 L4 114CI		4	1870	16
Clio,Kango,Megane	K9K (Turbo) L4		4	1461	12
Clio,Kango,Megane	K9K L4 89CI		4	1461	12
Dauphine	670 L4 52CI	1956-69	4	845	1
Dauphinoise	670 L4 52CI		4	845	1
ESPACE	Z7X 760 V6 181CI		6	2963	31
ESPACE Turbo D	J8S 778 L4 126CI	1984-	4	2068	25
ESPACE Turbo D	J8S 240 L4 126CI	1984-	4	2068	25
ESPACE Turbo D	J8S 702 L4 126CI	1984-	4	2068	25
ESPACE Turbo D	J8S 712 L4 126CI	1984-	4	2068	25
Ej6	K7J 700 L4 85CI		4	1390	11
Ej6	E7J 626 L4 85CI		4	1390	11
Ej6	E7J 700 L4 85CI		4	1390	11
Ej6	E7J 754 L4 85CI		4	1390	11
Espace 2000 1	J8S 778 L4 126CI	1991-	4	2068	25
Espace 2000 1	J8S 240 L4 126CI	1991-	4	2068	25
Espace 2000 1	J8S 702 L4 126CI	1991-	4	2068	25
Espace 2000 1	J8S 712 L4 126CI	1991-	4	2068	25
Espace 2000 GTS	829 702 L4 122CI	1985-	4	1995	18
Espace 2000 GTS	829 702 L4 122CI	1987-	4	1995	18
Espace 2000 TSE	829 702 L4 122CI	1985-	4	1995	18
Espace 2000-1	829 702 L4 122CI	1987-	4	1995	18

Model	Engine	Years	Cyl	CC	Line
Espace D,DX,Turbo	J8S 778 L4 126CI	1984-	4	2068	25
Espace D,DX,Turbo	J8S 240 L4 126CI	1984-	4	2068	25
Espace D,DX,Turbo	J8S 702 L4 126CI	1984-	4	2068	25
Espace D,DX,Turbo	J8S 712 L4 126CI	1984-	4	2068	25
Espace GTS	J7T 782 L4 132CI		4	2165	26
Espace GTS	J7T 730 L4 132CI		4	2165	26
Espace GTS	J7T 776 L4 132CI		4	2165	26
Espace, Espace Grand	G8T 790 L4 134CI		4	2188	27
Espace, Espace Grand	G8T 740 L4 134CI		4	2188	27
Espace, Espace Grand	G8T 740 L4 134CI		4	2188	27
Estafette	670 L4 52CI	1956-69	4	845	1
Estafette 1000	688.01 L4 68CI	1962-71	4	1108	3
Estafette 800 (R2132)	688.01 L4 68CI	1962-71	4	1108	3
Estafette Traffic	810 725 L4 79CI	1972-80	4	1289	9
Estafette Traffic	810 03 L4 79CI	1972-80	4	1289	9
Estafette Zone Blue	688.01 L4 68CI	1962-71	4	1108	3
Express	F9Q 803 L4 114CI		4	1870	22
Express	F9Q 710 L4 114CI		4	1870	22
Express	F9Q 800 L4 114CI		4	1870	22
Express	F9Q 733 L4 114CI		4	1870	22
Express	F9Q 752 L4 114CI		4	1870	22
Express 1.6	F8M 730 L4 97CI	1985-	4	1595	23
Express Extra	F8M 730 L4 97CI	1986-	4	1595	23
Express F400	689 710 L4 58CI		4	956	2
F 404, M40-404,5,	F8M 730 L4 97CI	1985-	4	1595	23
Floride	670 L4 52CI	1956-69	4	845	1
Fuego D Turbo	J8S 778 L4 126CI	1983-	4	2068	25
Fuego D Turbo	J8S 240 L4 126CI	1983-	4	2068	25
Fuego D Turbo	J8S 702 L4 126CI	1983-	4	2068	25
Fuego D Turbo	J8S 712 L4 126CI	1983-	4	2068	25
Fuego GTL,GTS	843.01 L4 101CI	1980-86	4	1647	15
Fuego TX,GTS	829 702 L4 122CI	1981-	4	1995	18
Fuego Turbo	A5L 717 L4 96CI	1970-73	4	1565	15
GTD Societe	F8Q 740 L4 114CI		4	1870	16
GTD Societe	F8Q 744 L4 114CI		4	1870	16
GTD Societe	F8Q 640 L4 114CI		4	1870	16
GTD Societe	F8Q 730 L4 114CI		4	1870	16
Gordini	670 L4 52CI	1956-69	4	845	1
J112, S112	829 702 L4 122CI	1981-	4	1995	18
Jeep 4x4, CJ7	J8S 778 L4 126CI	1982-	4	2068	25
Jeep 4x4, CJ7	J8S 240 L4 126CI	1982-	4	2068	25
Jeep 4x4, CJ7	J8S 702 L4 126CI	1982-	4	2068	25
Jeep 4x4, CJ7	J8S 712 L4 126CI	1982-	4	2068	25
Jeep CJ 7	J8S 712 L4 126CI	1985-	4	2068	24
Jeep CJ 7	J8S 240 L4 126CI	1985-	4	2068	24
Jeep CJ 7	J8S 600 L4 126CI	1985-	4	2068	24
Jeep CJ 7	J8S 750 L4 126CI	1985-	4	2068	24
Jeep CJ 7	J8S 620 L4 126CI	1985-	4	2068	24
Jeep CJ 7	852 L4 126CI	1985-	4	2068	24
Jeep CJ 7	852 720 L4 126CI	1985-	4	2068	24
Jeep CJ 7	852 710 L4 126CI	1985-	4	2068	24
Jeep CJ 7 Larendo	J8S 712 L4 126CI	1985-	4	2068	24
Jeep CJ 7 Larendo	J8S 240 L4 126CI	1985-	4	2068	24
Jeep CJ 7 Larendo	J8S 600 L4 126CI	1985-	4	2068	24
Jeep CJ 7 Larendo	J8S 750 L4 126CI	1985-	4	2068	24
Jeep CJ 7 Larendo	J8S 620 L4 126CI	1985-	4	2068	24
Jeep CJ 7 Larendo	852 L4 126CI	1985-	4	2068	24
Jeep CJ 7 Larendo	852 720 L4 126CI	1985-	4	2068	24
Jeep CJ 7 Larendo	852 710 L4 126CI	1985-	4	2068	24
Jeep Cherokee	J8S 778 L4 126CI	1985-	4	2068	25
Jeep Cherokee	J8S 240 L4 126CI	1985-	4	2068	25
Jeep Cherokee	J8S 702 L4 126CI	1985-	4	2068	25
Jeep Cherokee	J8S 712 L4 126CI	1985-	4	2068	25
KANGOO	D4F 772 L4 70CI		4	1149	6
KANGOO	D4F 716 L4 70CI	02/96-	4	1149	6

Model	Engine	Years	Cyl	CC	Line
KANGOO EXPRESS	D4F 716 L4 70CI		4	1149	6
Kangoo	F9Q 803 L4 114CI		4	1870	22
Kangoo	F9Q 710 L4 114CI		4	1870	22
Kangoo	F9Q 800 L4 114CI		4	1870	22
Kangoo	F9Q 733 L4 114CI		4	1870	22
Kangoo	F9Q 752 L4 114CI		4	1870	22
Kangoo	K4M L4 98CI		4	1598	14
LAGUNA	Z7X 760 V6 181CI		6	2963	31
LAGUNA	N7Q L4 119CI		4	1948	17
LAGUNA	K4M L4 98CI		4	1598	14
LAGUNA NEVADA	N7Q L4 119CI		4	1948	17
LAGUNA NEVADA	K4M L4 98CI		4	1598	14
Laguna, Laguna	G8T 790 L4 134CI		4	2188	27
Laguna, Laguna	G8T 740 L4 134CI		4	2188	27
Laguna, Laguna	G8T 740 L4 134CI		4	2188	27
Lagunall, Master,	G9T 642 L4 134CI		4	2188	28
MEGANE	K7M L4 98CI	95-	4	1598	13
MEGANE	K4M L4 98CI		4	1598	14
Master	F2N 798 H4 105CI	1987-	4	1721	16
Master	F1N 722 L4 105CI	1987-	4	1721	16
Master	F2N 742 L4 105CI	1987-	4	1721	16
Master	F2N 710 L4 105CI	1987-	4	1721	16
Master	F3N 723 L4 105CI	1987-	4	1721	16
Master	F2N 770 L4 105CI	1987-	4	1721	16
Master	F3N 742 L4 105CI	1987-	4	1721	16
Master	J8S 778 L4 126CI	1982-	4	2068	25
Master	J8S 240 L4 126CI	1982-	4	2068	25
Master	J8S 702 L4 126CI	1982-	4	2068	25
Master	J8S 712 L4 126CI	1982-	4	2068	25
Master B70	8140.61.240 L4	1981-	4	2445	30
Master B90-35D	S8U 730 L4 149CI		4	2445	30
Master Combi, Trafic	G9T L4 134CI		4	2188	28
Master Minibus, Velsatis	G9T 642 L4 134CI		4	2188	28
Master P30 D,P354 D	8140.61.240 L4	1981-	4	2445	30
Master Propulsion	S8U 730 L4 149CI	1981-	4	2445	30
Master T 30 D	J8S 712 L4 126CI	1981-	4	2068	24
Master T 30 D	J8S 240 L4 126CI	1981-	4	2068	24
Master T 30 D	J8S 600 L4 126CI	1981-	4	2068	24
Master T 30 D	J8S 750 L4 126CI	1981-	4	2068	24
Master T 30 D	J8S 620 L4 126CI	1981-	4	2068	24
Master T 30 D	852 L4 126CI	1981-	4	2068	24
Master T 30 D	852 720 L4 126CI	1981-	4	2068	24
Master T 30 D	852 710 L4 126CI	1981-	4	2068	24
Master T30,T35	J7R 760 L4 122CI	1981-	4	1995	18
Master T30,T35	J7R 756 L4 122CI	1981-	4	1995	18
Master T30,T35	J6R 758 L4 122CI	1981-	4	1995	18
Master T30,T35	J7R 733 L4 122CI	1981-	4	1995	18
Master Traction	8140.61.240 L4	1981-	4	2445	30
Master Traction	S8U 730 L4 149CI	1981-	4	2445	30
Megane	F9Q 803 L4 114CI		4	1870	22
Megane	F9Q 710 L4 114CI		4	1870	22
Megane	F9Q 800 L4 114CI		4	1870	22
Megane	F9Q 733 L4 114CI		4	1870	22
Megane	F9Q 752 L4 114CI		4	1870	22
Micro Bus Trafic	J7R 760 L4 122CI	1981-	4	1995	18
Micro Bus Trafic	J7R 756 L4 122CI	1981-	4	1995	18
Micro Bus Trafic	J6R 758 L4 122CI	1981-	4	1995	18
Micro Bus Trafic	J7R 733 L4 122CI	1981-	4	1995	18
Microbus Trafic	F2N 798 H4 105CI	1987-	4	1721	16
Microbus Trafic	F1N 722 L4 105CI	1987-	4	1721	16
Microbus Trafic	F2N 742 L4 105CI	1987-	4	1721	16
Microbus Trafic	F2N 710 L4 105CI	1987-	4	1721	16
Microbus Trafic	F3N 723 L4 105CI	1987-	4	1721	16
Microbus Trafic	F2N 770 L4 105CI	1987-	4	1721	16
Microbus Trafic	F3N 742 L4 105CI	1987-	4	1721	16

Model	Engine	Years	Cyl	CC	Line
Microbus Trafic	J8S 712 L4 126CI	1983-	4	2068	24
Microbus Trafic	J8S 240 L4 126CI	1983-	4	2068	24
Microbus Trafic	J8S 600 L4 126CI	1983-	4	2068	24
Microbus Trafic	J8S 750 L4 126CI	1983-	4	2068	24
Microbus Trafic	J8S 620 L4 126CI	1983-	4	2068	24
Microbus Trafic	852 L4 126CI	1983-	4	2068	24
Microbus Trafic	852 720 L4 126CI	1983-	4	2068	24
Microbus Trafic	852 710 L4 126CI	1983-	4	2068	24
Nevada	F9Q 803 L4 114CI		4	1870	22
Nevada	F9Q 710 L4 114CI		4	1870	22
Nevada	F9Q 800 L4 114CI		4	1870	22
Nevada	F9Q 733 L4 114CI		4	1870	22
Nevada	F9Q 752 L4 114CI		4	1870	22
Ondine	670 L4 52CI	1956-69	4	845	1
P1000d Propulsion	S8U 730 L4 149CI	1982-	4	2445	30
Propulsion P3,0,	A2M 723 L4 101CI	1982-	4	1647	15
R 14 TS Mk I (Type	X5J L4 83CI	1978-79	4	1360	10
R 18 GTD 4x4 Break	J8S 712 L4 126CI	1982-	4	2068	24
R 18 GTD 4x4 Break	J8S 240 L4 126CI	1982-	4	2068	24
R 18 GTD 4x4 Break	J8S 600 L4 126CI	1982-	4	2068	24
R 18 GTD 4x4 Break	J8S 750 L4 126CI	1982-	4	2068	24
R 18 GTD 4x4 Break	J8S 620 L4 126CI	1982-	4	2068	24
R 18 GTD 4x4 Break	852 L4 126CI	1982-	4	2068	24
R 18 GTD 4x4 Break	852 720 L4 126CI	1982-	4	2068	24
R 18 GTD 4x4 Break	852 710 L4 126CI	1982-	4	2068	24
R 21 D Turbo	J8S 778 L4 126CI	1986-	4	2068	25
R 21 D Turbo	J8S 240 L4 126CI	1986-	4	2068	25
R 21 D Turbo	J8S 702 L4 126CI	1986-	4	2068	25
R 21 D Turbo	J8S 712 L4 126CI	1986-	4	2068	25
R10 (R1190)	688 711-713 L4	1964-72	4	1108	3
R10 1300	810 725 L4 79CI	1970-75	4	1289	9
R10 1300	810 03 L4 79CI	1970-75	4	1289	9
R11 Broadway 1,6D	F8M 730 L4 97CI	1987-	4	1595	23
R11 GTX,TXE,	F2N 798 H4 105CI		4	1721	16
R11 GTX,TXE,	F1N 722 L4 105CI		4	1721	16
R11 GTX,TXE,	F2N 742 L4 105CI		4	1721	16
R11 GTX,TXE,	F2N 710 L4 105CI		4	1721	16
R11 GTX,TXE,	F3N 723 L4 105CI		4	1721	16
R11 GTX,TXE,	F2N 770 L4 105CI		4	1721	16
R11 GTX,TXE,	F3N 742 L4 105CI		4	1721	16
R11 TC Societe	C1E 700 L4 68CI	1987-	4	1108	4
R11 TC Societe	C1E 754 L4 68CI	1987-	4	1108	4
R11 TC Societe	C1E 715 L4 68CI	1987-	4	1108	4
R11 TC Societe	C1E 720 L4 68CI	1987-	4	1108	4
R11 TC Societe	C1E 750 L4 68CI	1987-	4	1108	4
R11 TC, GTC	C1E 700 L4 68CI	1983-	4	1108	4
R11 TC, GTC	C1E 754 L4 68CI	1983-	4	1108	4
R11 TC, GTC	C1E 715 L4 68CI	1983-	4	1108	4
R11 TC, GTC	C1E 720 L4 68CI	1983-	4	1108	4
R11 TC, GTC	C1E 750 L4 68CI	1983-	4	1108	4
R11 TD, GTD Societe	F8M 730 L4 97CI	1987-	4	1595	23
R11 TD, GTD, TDE	F8M 730 L4 97CI	1983-85	4	1595	23
R11 Turbo	J6R 792 L4 122CI		4	1995	20
R11 Turbo	829 700 L4 122CI		4	1995	20
R12 Break Export	843.01 L4 101CI	1972-77	4	1647	15
R12 Break Export	843.01 L4 101CI	1974-77	4	1647	15
R12 Gordini (R1173)	A5L 717 L4 96CI	1970-73	4	1565	15
R12	810 725 L4 79CI	1970-84	4	1289	9
R12	810 03 L4 79CI	1970-84	4	1289	9
R12 L,TL Export	843.01 L4 101CI	1974-77	4	1647	15
R12 L,TL,TS Export	843.01 L4 101CI	1972-77	4	1647	15
R12 TI Break,	821 20 L4 96CI	1968-80	4	1565	15
R12 TL,Export(R1172)	821 20 L4 96CI	1968-80	4	1565	15
R14 L, TL, GTL	X5J L4 83CI	1976-83	4	1360	10
R14 L,TL,GTL,(Type	129 L4 74CI	1976-83	4	1218	8

Model	Engine	Years	Cyl	CC	Line
R14 TS (R1211)	129 L4 74CI	1979-	4	1218	8
R14 TS Mk I	X5J L4 83CI	1978-79	4	1360	10
R15 TL,GTL,TR	810 725 L4 79CI	1972-80	4	1289	9
R15 TL,GTL,TR	810 03 L4 79CI	1972-80	4	1289	9
R15 TL USA (1308)	843.01 L4 101CI		4	1647	15
R15 TL,Export (R1301)	821 20 L4 96CI	1968-80	4	1565	15
R16 9CV	821 20 L4 96CI	1968-80	4	1565	15
R16	821 20 L4 96CI	1968-80	4	1565	15
R16 TA	821 20 L4 96CI	1968-80	4	1565	15
R16 TS (R1151,R1154)	821 L4 96CI	1968-76	4	1565	15
R16 TS (R1155)	843.01 L4 101CI	1976-80	4	1647	15
R16 TX, TA (1156)	843.01 L4 101CI	1973-80	4	1647	15
R17 TL USA	843.01 L4 101CI	1974-76	4	1647	15
R17 TL,TA	807 20 L4 96CI	1972-75	4	1565	15
R17 TS Gordini	843.01 L4 101CI	1975-80	4	1647	15
R17 TS, Gordini	A5L 717 L4 96CI	1971-75	4	1565	15
R17 TS,Gordini	843.01 L4 101CI	1975-80	4	1647	15
R18 American 2	843 720 L4 101CI	1983-	4	1647	15
R18 Automatic	843 720 L4 101CI	1979	4	1647	15
R18 Break TS,GTS	843 720 L4 101CI	1979-85	4	1647	15
R18 GTL	843 720 L4 101CI	1981-84	4	1647	15
R18 GTL Break, R18	843 720 L4 101CI	1982-	4	1647	15
R18 GTS Break	843.01 L4 101CI	1979-	4	1647	15
R18 TD Societe	J8S 712 L4 126CI	1981-	4	2068	24
R18 TD Societe	J8S 240 L4 126CI	1981-	4	2068	24
R18 TD Societe	J8S 600 L4 126CI	1981-	4	2068	24
R18 TD Societe	J8S 750 L4 126CI	1981-	4	2068	24
R18 TD Societe	J8S 620 L4 126CI	1981-	4	2068	24
R18 TD Societe	852 L4 126CI	1981-	4	2068	24
R18 TD Societe	852 720 L4 126CI	1981-	4	2068	24
R18 TD Societe	852 710 L4 126CI	1981-	4	2068	24
R18 TS,GTS	843 720 L4 101CI	1978-85	4	1647	15
R18 TS,GTS	843.01 L4 101CI	1979-85	4	1647	15
R18 TX Break 4x4	829 702 L4 122CI	1985-	4	1995	18
R18 TX, GTX 2000	829 702 L4 122CI	1982-	4	1995	18
R18 TX,GT Braek	829 702 L4 122CI	1982-	4	1995	18
R18 Turbo 1600	A5L 717 L4 96CI		4	1565	15
R18 Turbo D, Break	J8S 778 L4 126CI	1984-	4	2068	25
R18 Turbo D, Break	J8S 240 L4 126CI	1984-	4	2068	25
R18 Turbo D, Break	J8S 702 L4 126CI	1984-	4	2068	25
R18 Turbo D, Break	J8S 712 L4 126CI	1984-	4	2068	25
R18D, TD, GTD	J8S 712 L4 126CI	1981-	4	2068	24
R18D, TD, GTD	J8S 240 L4 126CI	1981-	4	2068	24
R18D, TD, GTD	J8S 600 L4 126CI	1981-	4	2068	24
R18D, TD, GTD	J8S 750 L4 126CI	1981-	4	2068	24
R18D, TD, GTD	J8S 620 L4 126CI	1981-	4	2068	24
R18D, TD, GTD	852 L4 126CI	1981-	4	2068	24
R18D, TD, GTD	852 720 L4 126CI	1981-	4	2068	24
R18D, TD, GTD	852 710 L4 126CI	1981-	4	2068	24
R19	F9Q 803 L4 114CI		4	1870	22
R19	F9Q 710 L4 114CI		4	1870	22
R19	F9Q 800 L4 114CI		4	1870	22
R19	F9Q 733 L4 114CI		4	1870	22
R19	F9Q 752 L4 114CI		4	1870	22
R19 Chamade 16V	F7P 722 L4 108CI		4	1763	16
R19 Chamade TD,	F8Q 740 L4 114CI		4	1870	16
R19 Chamade TD,	F8Q 744 L4 114CI		4	1870	16
R19 Chamade TD,	F8Q 640 L4 114CI		4	1870	16
R19 Chamade TD,	F8Q 730 L4 114CI		4	1870	16
R19 Chamade	K7J 700 L4 85CI	1989-	4	1390	11
R19 Chamade	E7J 626 L4 85CI	1989-	4	1390	11
R19 Chamade	E7J 700 L4 85CI	1989-	4	1390	11
R19 Chamade	E7J 754 L4 85CI	1989-	4	1390	11
R19 GTX,	F2N 798 H4 105CI	1988-	4	1721	16
R19 GTX,	F1N 722 L4 105CI	1988-	4	1721	16

Model	Engine	Years	Cyl	CC	Line
R19 GTX,	F2N 742 L4 105CI	1988-	4	1721	16
R19 GTX,	F2N 710 L4 105CI	1988-	4	1721	16
R19 GTX,	F3N 723 L4 105CI	1988-	4	1721	16
R19 GTX,	F2N 770 L4 105CI	1988-	4	1721	16
R19 GTX,	F3N 742 L4 105CI	1988-	4	1721	16
R19 Sport	F7P 722 L4 108CI		4	1763	16
R19 TD, GTD, TDE	F8Q 740 L4 114CI		4	1870	16
R19 TD, GTD, TDE	F8Q 744 L4 114CI		4	1870	16
R19 TD, GTD, TDE	F8Q 640 L4 114CI		4	1870	16
R19 TD, GTD, TDE	F8Q 730 L4 114CI		4	1870	16
R20 D Turbo	J8S 778 L4 126CI	1981-	4	2068	25
R20 D Turbo	J8S 240 L4 126CI	1981-	4	2068	25
R20 D Turbo	J8S 702 L4 126CI	1981-	4	2068	25
R20 D Turbo	J8S 712 L4 126CI	1981-	4	2068	25
R20 D, TD, GTD	J8S 712 L4 126CI	1981-	4	2068	24
R20 D, TD, GTD	J8S 240 L4 126CI	1981-	4	2068	24
R20 D, TD, GTD	J8S 600 L4 126CI	1981-	4	2068	24
R20 D, TD, GTD	J8S 750 L4 126CI	1981-	4	2068	24
R20 D, TD, GTD	J8S 620 L4 126CI	1981-	4	2068	24
R20 D, TD, GTD	852 L4 126CI	1981-	4	2068	24
R20 D, TD, GTD	852 720 L4 126CI	1981-	4	2068	24
R20 D, TD, GTD	852 710 L4 126CI	1981-	4	2068	24
R20 L,TL,GTL (R1271)	843.01 L4 101CI	1976-81	4	1647	15
R20 LS	829 702 L4 122CI	1981-	4	1995	18
R20 TL, GTL Automatic	843.01 L4 101CI	1976-	4	1647	15
R20 TS	829 702 L4 122CI	1978-	4	1995	18
R20 TX	J7T 760 L4 132CI	1981-	4	2165	26
R21	F9Q 803 L4 114CI		4	1870	22
R21	F9Q 710 L4 114CI		4	1870	22
R21	F9Q 800 L4 114CI		4	1870	22
R21	F9Q 733 L4 114CI		4	1870	22
R21	F9Q 752 L4 114CI		4	1870	22
R21 Break, Nevada	J8S 778 L4 126CI	1986-	4	2068	25
R21 Break, Nevada	J8S 240 L4 126CI	1986-	4	2068	25
R21 Break, Nevada	J8S 702 L4 126CI	1986-	4	2068	25
R21 Break, Nevada	J8S 712 L4 126CI	1986-	4	2068	25
R21 D, TD, GTD	J8S 712 L4 126CI		4	2068	24
R21 D, TD, GTD	J8S 240 L4 126CI		4	2068	24
R21 D, TD, GTD	J8S 600 L4 126CI		4	2068	24
R21 D, TD, GTD	J8S 750 L4 126CI		4	2068	24
R21 D, TD, GTD	J8S 620 L4 126CI		4	2068	24
R21 D, TD, GTD	852 L4 126CI		4	2068	24
R21 D, TD, GTD	852 720 L4 126CI		4	2068	24
R21 D, TD, GTD	852 710 L4 126CI		4	2068	24
R21 GSD, SD	F8Q 740 L4 114CI		4	1870	16
R21 GSD, SD	F8Q 744 L4 114CI		4	1870	16
R21 GSD, SD	F8Q 640 L4 114CI		4	1870	16
R21 GSD, SD	F8Q 730 L4 114CI		4	1870	16
R21 GTX	J7R 756 L4 122CI	1987-	4	1995	19
R21 Nevada GTX	J7R 734 L4 122CI	1987-	4	1995	19
R21 Nevada TD, GTD	J8S 712 L4 126CI	1988-	4	2068	24
R21 Nevada TD, GTD	J8S 240 L4 126CI	1988-	4	2068	24
R21 Nevada TD, GTD	J8S 600 L4 126CI	1988-	4	2068	24
R21 Nevada TD, GTD	J8S 750 L4 126CI	1988-	4	2068	24
R21 Nevada TD, GTD	J8S 620 L4 126CI	1988-	4	2068	24
R21 Nevada TD, GTD	852 L4 126CI	1988-	4	2068	24
R21 Nevada TD, GTD	852 720 L4 126CI	1988-	4	2068	24
R21 Nevada TD, GTD	852 710 L4 126CI	1988-	4	2068	24
R21 Nevada TL, Societe	F2N 798 H4 105CI	1988-	4	1721	16
R21 Nevada TL, Societe	F1N 722 L4 105CI	1988-	4	1721	16
R21 Nevada TL, Societe	F2N 742 L4 105CI	1988-	4	1721	16
R21 Nevada TL, Societe	F2N 710 L4 105CI	1988-	4	1721	16
R21 Nevada TL, Societe	F3N 723 L4 105CI	1988-	4	1721	16
R21 Nevada TL, Societe	F2N 770 L4 105CI	1988-	4	1721	16
R21 Nevada TL, Societe	F3N 742 L4 105CI	1988-	4	1721	16

Model	Engine	Years	Cyl	CC	Line
R21 Nevada, TXE	J7R 756 L4 122CI	1987-	4	1995	19
R21 RX	J7R 756 L4 122CI	1986-	4	1995	19
R21 T, TXE	J7R 756 L4 122CI	1988-	4	1995	19
R21 TL, TS, TSE, GTS,	F2N 798 H4 105CI	1986-	4	1721	16
R21 TL, TS, TSE, GTS,	F1N 722 L4 105CI	1986-	4	1721	16
R21 TL, TS, TSE, GTS,	F2N 742 L4 105CI	1986-	4	1721	16
R21 TL, TS, TSE, GTS,	F2N 710 L4 105CI	1986-	4	1721	16
R21 TL, TS, TSE, GTS,	F3N 723 L4 105CI	1986-	4	1721	16
R21 TL, TS, TSE, GTS,	F2N 770 L4 105CI	1986-	4	1721	16
R21 TL, TS, TSE, GTS,	F3N 742 L4 105CI	1986-	4	1721	16
R21 TX	J6R 714 L4 122CI	1989-	4	1995	19
R21 Turbo	J6R 792 L4 122CI		4	1995	20
R21 Turbo	829 700 L4 122CI		4	1995	20
R21 Turbo DX Manager	J8S 778 L4 126CI	1986-	4	2068	25
R21 Turbo DX Manager	J8S 240 L4 126CI	1986-	4	2068	25
R21 Turbo DX Manager	J8S 702 L4 126CI	1986-	4	2068	25
R21 Turbo DX Manager	J8S 712 L4 126CI	1986-	4	2068	25
R21-2L	J6R 792 L4 122CI		4	1995	20
R21-2L	829 700 L4 122CI		4	1995	20
R25	Z7X 760 V6 181CI		6	2963	31
R25 D,DX,Turbo	J8S 778 L4 126CI	1984-	4	2068	25
R25 D,DX,Turbo	J8S 240 L4 126CI	1984-	4	2068	25
R25 D,DX,Turbo	J8S 702 L4 126CI	1984-	4	2068	25
R25 D,DX,Turbo	J8S 712 L4 126CI	1984-	4	2068	25
R25 GTX, Automatic	J7T 782 L4 132CI		4	2165	26
R25 GTX, Automatic	J7T 730 L4 132CI		4	2165	26
R25 GTX, Automatic	J7T 776 L4 132CI		4	2165	26
R25 Limousine TD	J8S 778 L4 126CI	1984-	4	2068	25
R25 Limousine TD	J8S 240 L4 126CI	1984-	4	2068	25
R25 Limousine TD	J8S 702 L4 126CI	1984-	4	2068	25
R25 Limousine TD	J8S 712 L4 126CI	1984-	4	2068	25
R25 TD, GTD	J8S 712 L4 126CI		4	2068	24
R25 TD, GTD	J8S 240 L4 126CI		4	2068	24
R25 TD, GTD	J8S 600 L4 126CI		4	2068	24
R25 TD, GTD	J8S 750 L4 126CI		4	2068	24
R25 TD, GTD	J8S 620 L4 126CI		4	2068	24
R25 TD, GTD	852 L4 126CI		4	2068	24
R25 TD, GTD	852 720 L4 126CI		4	2068	24
R25 TD, GTD	852 710 L4 126CI		4	2068	24
R25 TS, GTS 2000	829 702 L4 122CI	1985-	4	1995	18
R25 TX	J6R 714 L4 122CI	1989-	4	1995	19
R25 TX	J7R 723 L4 122CI	1988-	4	1995	19
R25 TX	J7R 733 L4 122CI	1988-	4	1995	19
R25, Automatic,	112 V6 163CI	1984-	6	2664	31
R3	690 L4 37CI	1945-66	4	603	1
R30 D Turbo	J8S 778 L4 126CI	1982-	4	2068	25
R30 D Turbo	J8S 240 L4 126CI	1982-	4	2068	25
R30 D Turbo	J8S 702 L4 126CI	1982-	4	2068	25
R30 D Turbo	J8S 712 L4 126CI	1982-	4	2068	25
R30 TS,(R1273),	Z7V V6 163CI	1975-79	6	2664	31
R30 TX	112 V6 163CI	1978-84	6	2664	31
R4 F4 Break	688.1 L4 68CI	1976-	4	1108	5
R4 F4, R4 F6, R4 Pick-	688.1 L4 68CI	1976-	4	1108	5
R4 Forgonnette	670 L4 52CI	1963-	4	845	1
R4 Fourgonnette (R2108)	688.1 L4 68CI	1976-79	4	1108	5
R4 Fourgonnette	800 L4 52CI		4	845	1
R4 Fourgonnette	800 710 L4 52CI		4	845	1
R4 GTL, (1128)	688 712 L4 68CI	1979-86	4	1108	5
R4 GTL, Clan (R1128)	688 712 L4 68CI	1987-	4	1108	5
R4	670 L4 52CI	1963-	4	845	1
R4 Rodeo (1A)	800 L4 52CI	1976-	4	845	1
R4 Rodeo (1A)	800 710 L4 52CI	1976-	4	845	1
R4 TL	689 710 L4 58CI		4	956	2
R4 TL Savana	689 710 L4 58CI		4	956	2
R4 TL Savane	688 712 L4 68CI	1987-	4	1108	5









Model	Engine	Years	Cyl	CC	Line
R4, R4L, R4TL, R45R4	800 L4 52CI	1963-	4	845	1
R4, R4L, R4TL, R45R4	800 710 L4 52CI	1963-	4	845	1
R4F4(R1123)/Break	800 L4 52CI	1969-82	4	845	1
R4F4(R1123)/Break	800 710 L4 52CI	1969-82	4	845	1
R5 5 DOOR (R1391)	800 L4 52CI	1977-85	4	845	1
R5 5 DOOR (R1391)	800 710 L4 52CI	1977-85	4	845	1
R5 D Societe CBS 404	F8M 730 L4 97CI	1985-	4	1595	23
R5 D, TD, GTD, SD	F8M 730 L4 97CI	1985-	4	1595	23
R5 GT Turbo	J6R 792 L4 122CI		4	1995	20
R5 GT Turbo	829 700 L4 122CI		4	1995	20
R5 GTL	688 712 L4 68CI	1979-85	4	1108	5
R5 GXT, BaccaraC	F2N 798 H4 105CI	1987-	4	1721	16
R5 GXT, BaccaraC	F1N 722 L4 105CI	1987-	4	1721	16
R5 GXT, BaccaraC	F2N 742 L4 105CI	1987-	4	1721	16
R5 GXT, BaccaraC	F2N 710 L4 105CI	1987-	4	1721	16
R5 GXT, BaccaraC	F3N 723 L4 105CI	1987-	4	1721	16
R5 GXT, BaccaraC	F2N 770 L4 105CI	1987-	4	1721	16
R5 GXT, BaccaraC	F3N 742 L4 105CI	1987-	4	1721	16
R5 L Export(R1221)	800 L4 52CI	1973-85	4	845	1
R5 L Export(R1221)	800 710 L4 52CI	1973-85	4	845	1
R5	810 725 L4 79CI	1971-85	4	1289	9
R5	810 03 L4 79CI	1971-85	4	1289	9
R5 Laureate, GTL	688 712 L4 68CI	1984-	4	1108	5
R5 Laureate/L	689 710 L4 58CI	1984-	4	956	2
R5 Monaco	F2N 798 H4 105CI	1988-	4	1721	16
R5 Monaco	F1N 722 L4 105CI	1988-	4	1721	16
R5 Monaco	F2N 742 L4 105CI	1988-	4	1721	16
R5 Monaco	F2N 710 L4 105CI	1988-	4	1721	16
R5 Monaco	F3N 723 L4 105CI	1988-	4	1721	16
R5 Monaco	F2N 770 L4 105CI	1988-	4	1721	16
R5 Monaco	F3N 742 L4 105CI	1988-	4	1721	16
R5 Sociate (2382)	689 710 L4 58CI	1971-79	4	956	2
R5 Sociate (2387)	688 712 L4 68CI	1980-	4	1108	5
R5 Sociate (R2381)	800 L4 52CI	1977-85	4	845	1
R5 Sociate (R2381)	800 710 L4 52CI	1977-85	4	845	1
R5 Supercinq	689 710 L4 58CI		4	956	2
R5 TL	689 710 L4 58CI	1981-	4	956	2
R5 TL (R1222)	689 710 L4 58CI	1971-79	4	956	2
R5 TL (R1227)	688 712 L4 68CI	1979-85	4	1108	5
R5 Turbo 2	688 712 L4 68CI	1980-	4	1108	5
R5L, R5, R5 Societe	800 L4 52CI	1977-	4	845	1
R5L, R5, R5 Societe	800 710 L4 52CI	1977-	4	845	1
R6	670 L4 52CI	1969-	4	845	1
R6 (R1180)	800 L4 52CI	1969-80	4	845	1
R6 (R1180)	800 710 L4 52CI	1969-80	4	845	1
R6 RODEO	688 712 L4 68CI	1976-	4	1108	5
R6 TL (R1181)	688 712 L4 68CI	1971-75	4	1108	5
R6 TL (R1181)	688.1 L4 68CI	1976-80	4	1108	5
R6 TL Export	810 725 L4 79CI	1976-	4	1289	9
R6 TL Export	810 03 L4 79CI	1976-	4	1289	9
R8	689 710 L4 58CI	1964-	4	956	2
R8 Major	688 712 L4 68CI	1964-	4	1108	5
R8 Major (R1132)S	688.1 L4 68CI	1964-72	4	1108	5
R8 S (R1136)	688 712 L4 68CI	1969-	4	1108	5
R8 S (R1136)	688.01 L4 68CI	1969-	4	1108	5
R9 GTX, TXE, L426	F2N 798 H4 105CI	1984-	4	1721	16
R9 GTX, TXE, L426	F1N 722 L4 105CI	1984-	4	1721	16
R9 GTX, TXE, L426	F2N 742 L4 105CI	1984-	4	1721	16
R9 GTX, TXE, L426	F2N 710 L4 105CI	1984-	4	1721	16
R9 GTX, TXE, L426	F3N 723 L4 105CI	1984-	4	1721	16
R9 GTX, TXE, L426	F2N 770 L4 105CI	1984-	4	1721	16
R9 GTX, TXE, L426	F3N 742 L4 105CI	1984-	4	1721	16
R9 Louisiane D	F8M 730 L4 97CI		4	1595	23
R9 Spring, Broadway	F8M 730 L4 97CI	1986-	4	1595	23
R9 TD, GTD, TDE, TDI	F8M 730 L4 97CI	1983-85	4	1595	23

Model	Engine	Years	Cyl	CC	Line
R9, R11 TD, GTD, TDE	F8M 730 L4 97CI	1986-	4	1595	23
RS Nevada TS, GTS	F2N 798 H4 105CI		4	1721	16
RS Nevada TS, GTS	F1N 722 L4 105CI		4	1721	16
RS Nevada TS, GTS	F2N 742 L4 105CI		4	1721	16
RS Nevada TS, GTS	F2N 710 L4 105CI		4	1721	16
RS Nevada TS, GTS	F3N 723 L4 105CI		4	1721	16
RS Nevada TS, GTS	F2N 770 L4 105CI		4	1721	16
RS Nevada TS, GTS	F3N 742 L4 105CI		4	1721	16
Rodeo 5 (ACL 2B)	688 712 L4 68CI	1976-	4	1108	5
Rodeo 6 (4D1128).	810 725 L4 79CI	1981-	4	1289	9
Rodeo 6 (4D1128).	810 03 L4 79CI	1981-	4	1289	9
SAFRANE	Z7X 760 V6 181CI		6	2963	31
SAFRANE	N7Q L4 119CI		4	1948	17
Safrane	G8T 790 L4 134CI		4	2188	27
Safrane	G8T 740 L4 134CI		4	2188	27
Safrane	G8T 740 L4 134CI		4	2188	27
Super 5 C, Super	689 710 L4 58CI	1985-	4	956	2
Super 5 GTD, TD,	F8M 730 L4 97CI	1986-	4	1595	23
Super 5 GTX, Baccara	F2N 798 H4 105CI	1987-	4	1721	16
Super 5 GTX, Baccara	F1N 722 L4 105CI	1987-	4	1721	16
Super 5 GTX, Baccara	F2N 742 L4 105CI	1987-	4	1721	16
Super 5 GTX, Baccara	F2N 710 L4 105CI	1987-	4	1721	16
Super 5 GTX, Baccara	F3N 723 L4 105CI	1987-	4	1721	16
Super 5 GTX, Baccara	F2N 770 L4 105CI	1987-	4	1721	16
Super 5 GTX, Baccara	F3N 742 L4 105CI	1987-	4	1721	16
Supercinq D	F8M 730 L4 97CI		4	1595	23
TAHLIA	D4F 716 L4 70CI		4	1149	6
TRAFIC	M9R 780 L4 122CI		4	1995	21
TRAFIC II	M9R 780 L4 122CI		4	1995	21
TWINGO	D4F 772 L4 70CI	07/96-	4	1149	6
Traction T1, T4, T5, T6	A2M 723 L4 101CI	1982-	4	1647	15
Trafic	F2N 798 H4 105CI	1987-	4	1721	16
Trafic	F1N 722 L4 105CI	1987-	4	1721	16









Model	Engine	Years	Cyl	CC	Line
Trafic	F2N 742 L4 105CI	1987-	4	1721	16
Trafic	F2N 710 L4 105CI	1987-	4	1721	16
Trafic	F3N 723 L4 105CI	1987-	4	1721	16
Trafic	F2N 770 L4 105CI	1987-	4	1721	16
Trafic	F3N 742 L4 105CI	1987-	4	1721	16
Trafic	J8S 778 L4 126CI	1982-	4	2068	25
Trafic	J8S 240 L4 126CI	1982-	4	2068	25
Trafic	J8S 702 L4 126CI	1982-	4	2068	25
Trafic	J8S 712 L4 126CI	1982-	4	2068	25
Trafic	J5R 726 L4 122CI	1982-	4	1995	18
Trafic 2.5L	S8U 730 L4 149CI	1982-	4	2445	30
Trafic 4x4	J5R 726 L4 122CI	1986-	4	1995	18
Trafic P1000 -P3,1 -P5,	843 720 L4 101CI	1981-	4	1647	15
Trafic Propulsion	8140.61.240 L4	1982-	4	2445	30
Trafic T3, T4, T5,	J8S 712 L4 126CI	1981-	4	2068	24
Trafic T3, T4, T5,	J8S 240 L4 126CI	1981-	4	2068	24
Trafic T3, T4, T5,	J8S 600 L4 126CI	1981-	4	2068	24
Trafic T3, T4, T5,	J8S 750 L4 126CI	1981-	4	2068	24
Trafic T3, T4, T5,	J8S 620 L4 126CI	1981-	4	2068	24
Trafic T3, T4, T5,	852 L4 126CI	1981-	4	2068	24
Trafic T3, T4, T5,	852 720 L4 126CI	1981-	4	2068	24
Trafic T3, T4, T5,	852 710 L4 126CI	1981-	4	2068	24
Trafic	J8S 712 L4 126CI	1981-	4	2068	24
Trafic	J8S 240 L4 126CI	1981-	4	2068	24
Trafic	J8S 600 L4 126CI	1981-	4	2068	24
Trafic	J8S 750 L4 126CI	1981-	4	2068	24
Trafic	J8S 620 L4 126CI	1981-	4	2068	24
Trafic	852 L4 126CI	1981-	4	2068	24
Trafic	852 720 L4 126CI	1981-	4	2068	24
Trafic	852 710 L4 126CI	1981-	4	2068	24
Trafic, Trafic 4x4	A2M 723 L4 101CI	1982-	4	1647	15

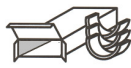




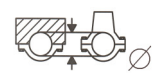


RENAULT						RENAULT	
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	690 L4 37CI /0.6Liter, OHV, 8 Valves, Gasoline	-	603 cc	49.00 X 80.00	4 cyl	R3	1
	680.702 L4 46CI /0.8Liter, OHV, 8 Valves, Gasoline	04/1962-12/1993	748 cc	54.50 X 80.00	4 cyl	ACV R3,R4,4L, Dauphine,R6R10 60/	
	839 706 L4 48CI /0.8Liter, OHV, 8 Valves, Gasoline	04/1962-12/1993	782 cc	55.80 X 80.00	4 cyl		
	670 L4 52CI /0.9Liter, OHV, 8 Valves, Gasoline	-	845 cc	58.00 X 80.00	4 cyl	Dauphine, Dauphinoise, Estafette, Floride, Gordini, Ondine, R4 Forgonnette, R4 L, Super, R2106, R2130, R6	
	800 L4 52CI /0.9Liter, OHV, 8 Valves, Gasoline	04/1962-12/1993	845 cc	58.00 X 80.00	4 cyl	R4 Fourgonnette, R4 Rodeo (1A), R4, R4L, R4TL, R45R4 Super, R4F4(R1123)/Break, R5 5 DOOR (R1391), R5 L Export(R1221), R5 Sociate (R2381), R5L, R5, R5 Societe, R6 (R1180)	
	800 710 L4 52CI /0.9Liter, OHV, 8 Valves, Gasoline	01/1972-12/1985	845 cc	58.00 X 80.00	4 cyl	R4 Fourgonnette, R4 Rodeo (1A), R4, R4L, R4TL,	

RENAULT					RENAULT				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
									R45R4 Super, R4F4(R1123)/Break, R5 5 DOOR (R1391), R5 L Export(R1221), R5 Sociate (R2381), R5L, R5, R5 Societe, R6 (R1180)
CR 416AM STD/.25/.5/.75/1.0/1.25 CLE:CB- 562AL(4) FMO:4-2390RA GLA:B4319SA GLY:01-1762 VAN:VPR802	C 416	4 Pairs		1.4944/ 1.4951 37.958/ 37.976	1.6192/ 1.6196 41.128/ 41.138	0.8340 21.18	0.0618 1.570		
MB 364AM STD/.25/.5/.75/1.0/1.25/1.5 <i>Latest type front bearing- top half with a groove and hole, and bottom half plain. The manufacturer roller burnishes the journals and does not recommend using undersize bearings greater than 0.25mm.</i> FMO:6368M GLA:M3186SA GLY:H 886/3 VAN:VPM390A	M 364U M 364L	1 Pair	1	1.5738/ 1.5744 39.975/ 39.990	1.7323/ 1.7328 44.000/ 44.013	1.0680 27.13	0.0783 1.989		
	M 303/2	1 Pair	2	1.5738/ 1.5744 39.975/ 39.990	1.7323/ 1.7328 44.000/ 44.013	1.1860 30.12	0.0783 1.989		
	M 303/3U M 303/3L	1 Pair	3	1.5738/ 1.5744 39.975/ 39.990	1.7323/ 1.7328 44.000/ 44.013	1.2940 32.87	0.0783 1.989		
2	689 710 L4 58CI /1.0Liter, OHV, 8 Valves, Gasoline	04/1962-12/1993	956 cc	65.00 X 72.00	4 cyl	Express F400, R4 TL, R4 TL Savana, R5 Laureate/L, R5 Sociate (2382) (R2383), R5 Supercinq, R5 TL, R5 TL (R1222), R8, Super 5 C, Super 5 Societe C,	2		
	C1C 700 L4 58CI /1.0Liter, OHV, 8 Valves, Gasoline	04/1962-11/1998	956 cc	65.00 X 72.00	4 cyl				
CR 446AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:4B7901 CLE:CB- 722AL(4) FMO:4-2950RA GLA:B4423SA GLY:01-4137/4 VAN:VPR91073A	C 446	4 Pairs		1.7309/ 1.7315 43.965/ 43.980	1.8746/ 1.8750 47.615/ 47.625	0.8170 20.75	0.0713 1.811		
MB 505AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:5M7904 CLE:MS-1183AL FMO:6286M GLA:M5279M GLY:H 897/5 VAN:VPM91429A	M 505/1U M 505/1L	2 Pairs	1-3	1.8106/ 1.8110 45.989/ 45.999	1.9635/ 1.9642 49.873/ 49.891	0.9640 24.49	0.0759 1.928		
	M 505/2U M 505/2L	3 Pairs	2-4-5	1.8106/ 1.8110 45.989/ 45.999	1.9635/ 1.9642 49.873/ 49.891	0.7670 19.48	0.0759 1.928		
TW 120AM .10/.2/.25/.5/.75/1.0 CLE:TW- 142S GLA:W2051SA GLY:2952BF VAN:VPW49	W 120	1 Pair		2.6873/ 0.0000 68.257/ 0.000	2.0142/ 0.0000 51.161/ 0.000	0.0000 0.00	0.0910 2.311		
3	688 711-713 L4 68CI /1.1Liter, OHV, 8 Valves, Gasoline	04/1962-12/1993	1108 cc	70.00 X 72.00	4 cyl	R10 (R1190)	3		
	688.01 L4 68CI /1.1Liter, OHV, 8 Valves, Gasoline	02/1962-04/1987	1108 cc	70.00 X 72.00	4 cyl	Estafette 1000 (R2134)(R2135), Estafette 800 (R2132), Estafette Zone Blue (R2133)			
CR 446AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:4B7901 CLE:CB- 722AL(4) FMO:4-2950RA GLA:B4423SA GLY:01-4137/4 VAN:VPR91073A	C 446	4 Pairs		1.7309/ 1.7315 43.965/ 43.980	1.8746/ 1.8750 47.615/ 47.625	0.8170 20.75	0.0713 1.811		
MB 505AM STD/.25/.5/.75/1.0/1.25/1.5 <i>46 mm journals. Was MB5175AM</i> ACL:5M7904 CLE:MS-1183AL FMO:6286M GLA:M5279M GLY:H 897/5 VAN:VPM91429A	M 505/1U M 505/1L	2 Pairs	1-3	1.8106/ 1.8110 45.989/ 45.999	1.9635/ 1.9642 49.873/ 49.891	0.9640 24.49	0.0759 1.928		
	M 505/2U M 505/2L	3 Pairs	2-4-5	1.8106/ 1.8110 45.989/ 45.999	1.9635/ 1.9642 49.873/ 49.891	0.7670 19.48	0.0759 1.928		
MB 588AM STD/.25/.5/.75/1.0/1.25/1.5 <i>54.8 mm journals.</i> ACL:5M7909 CLE:MS-1381AL FMO:6444M GLA:M5342SA GLY:H1042/5 K.S:77 085 608 VAN:VPM91808A	M 588U M 588L	5 Pairs		2.1568/ 2.1572 54.783/ 54.793	2.3122/ 2.3129 58.730/ 58.748	0.7670 19.48	0.0767 1.948		
TW 120AM .10/.2/.25/.5/.75/1.0 -1968 CLE:TW- 142S GLA:W2051SA GLY:2952BF VAN:VPW49	W 120	1 Pair		2.6873/ 0.0000 68.257/ 0.000	2.0142/ 0.0000 51.161/ 0.000	0.0000 0.00	0.0910 2.311		
TW 121AM STD SUPERSEDED BY TW 121AM	W 121	1 Pair		2.3819/ 2.3917 60.500/ 60.749	3.1398/ 3.1496 79.751/ 80.000	0.0000 0.00	0.1102 2.799		





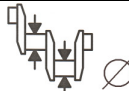
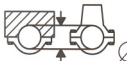


RENAULT				RENAULT			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1968 - CLE:TW- 164S FMO:60476BF GLA:W2158SA GLY:A195/2 VAN:VPW23							
4	C1E 700 L4 68CI /1.1Liter, OHV, 8 Valves, Gasoline	01/1988-09/1998	1108 cc	70.00 X 72.00	4 cyl	R11 TC Societe, R11 TC, GTC	4
	C1E 754 L4 68CI /1.1Liter, OHV, 8 Valves, Gasoline	04/1962-11/1998	1108 cc	70.00 X 72.00	4 cyl	R11 TC Societe, R11 TC, GTC	
	C1E 715 L4 68CI /1.1Liter, OHV, 8 Valves, Gasoline	09/1981-12/1989	1108 cc	70.00 X 72.00	4 cyl	R11 TC Societe, R11 TC, GTC	
	C1E 720 L4 68CI /1.1Liter, OHV, 8 Valves, Gasoline	01/1972-12/1989	1108 cc	70.00 X 72.00	4 cyl	R11 TC Societe, R11 TC, GTC	
	C1E 750 L4 68CI /1.1Liter, OHV, 8 Valves, Gasoline	10/1984-11/1998	1108 cc	70.00 X 72.00	4 cyl	R11 TC Societe, R11 TC, GTC	
CR 446AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:4B7901 CLE:CB- 722AL (4) FMO:4-2950RA GLA:B4423SA GLY:01-4137/4 VAN:VPR91073A	C 446	4 Pairs		1.7309/ 1.7315 43.965/ 43.980	1.8746/ 1.8750 47.615/ 47.625	0.8170 20.75	0.0713 1.811
MB 588AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:5M7909 CLE:MS-1381AL FMO:6444M GLA:M5342SA GLY:H1042/5 K.S:77 085 608 VAN:VPM91808A	M 588U M 588L	5 Pairs		2.1568/ 2.1572 54.783/ 54.793	2.3122/ 2.3129 58.730/ 58.748	0.7670 19.48	0.0767 1.948
TW 121AM STD <i>SUPERSEDED BY TW 121AM</i> CLE:TW- 164S FMO:60476BF GLA:W2158SA GLY:A195/2 VAN:VPW23	W 121	1 Pair		2.3819/ 2.3917 60.500/ 60.749	3.1398/ 3.1496 79.751/ 80.000	0.0000 0.00	0.1102 2.799
5	688 712 L4 68CI /1.1Liter, OHV, 8 Valves, Diesel	04/1962-12/1993	1108 cc	70.00 X 72.00	4 cyl	R4 GTL, (1128), R4 GTL, Clan (R1128), R4 TL Savane, R5 GTL (R1227)(R1397), R5 Laureate, GTL (R1397), TL, R5 Sociate (2387), R5 TL (R1227), R5 Turbo 2, R6 RODEO, R6 TL (R1181), R8 Major, R8 S (R1136), Rodeo 5 (ACL 2B)	5
	688.1 L4 68CI /1.1Liter, OHV, 8 Valves, Gasoline	10/1969-04/1987	1108 cc	70.00 X 72.00	4 cyl	(R2398)(R2370)(R2430), R4 F4 Break, R4 F4, R4 F6, R4 Pick-up, R4 Fourgonette (R2108), R6 TL (R1181), R8 Major (R1132)S	
	688.01 L4 68CI /1.1Liter, OHV, 8 Valves, Diesel	02/1962-12/1981	1108 cc	70.00 X 72.00	4 cyl	R8 S (R1136)	
CR 446AM STD/.25/.5/.75/1.0/1.25/1.5 - 1975 ACL:4B7901 CLE:CB- 722AL (4) FMO:4-2950RA GLA:B4423SA GLY:01-4137/4 VAN:VPR91073A	C 446	4 Pairs		1.7309/ 1.7315 43.965/ 43.980	1.8746/ 1.8750 47.615/ 47.625	0.8170 20.75	0.0713 1.811
CR4426AM STD/.25/.5/.75/1.0/1.25/1.5 <i>SUPERSEDED BY CR4426AM</i> 1975 - ACL:4B7900 CLE:CB-1005AL (4) FMO:4-2950RAA GLA:B4508SA GLY:01-3046 VAN:VPR91428A	C4426	4 Pairs		1.7309/ 1.7315 43.965/ 43.980	1.8746/ 1.8750 47.615/ 47.625	0.6990 17.75	0.0712 1.808
MB 505AM STD/.25/.5/.75/1.0/1.25/1.5 46 mm journals. Was MB5175AM ACL:5M7904 CLE:MS-1183AL FMO:6286M GLA:M5279M GLY:H 897/5 VAN:VPM91429A	M 505/1U M 505/1L	2 Pairs	1-3	1.8106/ 1.8110 45.989/ 45.999	1.9635/ 1.9642 49.873/ 49.891	0.9640 24.49	0.0759 1.928
	M 505/2U M 505/2L	3 Pairs	2-4-5	1.8106/ 1.8110 45.989/ 45.999	1.9635/ 1.9642 49.873/ 49.891	0.7670 19.48	0.0759 1.928
MB 588AM STD/.25/.5/.75/1.0/1.25/1.5 54.8 mm journals. ACL:5M7909 CLE:MS-1381AL FMO:6444M GLA:M5342SA	M 588U M 588L	5 Pairs		2.1568/ 2.1572 54.783/ 54.793	2.3122/ 2.3129 58.730/ 58.748	0.7670 19.48	0.0767 1.948

RENAULT				RENAULT				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
GLY: H1042/5 VAN: VPM91808A	K.S: 77 085 608							
TW 120AM .10/2/.25/.5/.75/1.0 -1968 CLE: TW- 142S GLY: 2952BF	GLA: W2051SA VAN: VPM49	W 120	1 Pair		2.6873/ 0.0000 68.257/ 0.000	2.0142/ 0.0000 51.161/ 0.000	0.0000 0.00	0.0910 2.311
TW 121AM STD SUPERSEDED BY TW 121AM 1968- CLE: TW- 164S GLA: W2158SA VAN: VPM23	FMO: 60476BF GLY: A195/2	W 121	1 Pair		2.3819/ 2.3917 60.500/ 60.749	3.1398/ 3.1496 79.751/ 80.000	0.0000 0.00	0.1102 2.799
6	D4F 772 L4 70Cl /1.2Liter, DOHC, 16 Valves, Gasoline	72/4772-	1149 cc	69.00 X 76.80	4 cyl	CLIO, KANGOO, TWINGO	6	
	D4F 716 L4 70Cl /1.2Liter, DOHC, 16 Valves, Gasoline	08/1997-	1149 cc	69.00 X 76.80	4 cyl	CLIO, KANGOO, KANGOO EXPRESS, TAHLIA		
	D4F 742 L4 70Cl /1.2Liter, SOHC/OHC, 16 Valves, Gasoline	05/2005-	1149 cc	69.00 X 76.80	4 cyl			
	D4F 704 L4 70Cl /1.2Liter, SOHC/OHC, 16 Valves, Gasoline	03/1993-	1149 cc	69.00 X 76.80	4 cyl			
CR4305AM STD/.25/.5 GLA: B410003 VAN: VPR93011A	GLY: 4-4405RA	C4305	4 Pairs		1.5742/ 1.5748 39.985/ 40.000	1.7181/ 1.7185 43.640/ 43.650	0.6398 16.25	0.0713 1.811
MB5349AM STD/.25/.5 GLY: 7264M		M5349U M5349L	4 Pairs		1.7319/ 1.7327 43.990/ 44.011	1.8745/ 1.8750 47.612/ 47.625	0.7402 18.80	0.0708 1.798
		F5349 M5349L	1 Pair		1.7319/ 1.7327 43.990/ 44.011	1.8745/ 1.8750 47.612/ 47.625	0.9433 23.96	0.0708 1.798
7	D7F 730 L4 70Cl /1.2Liter, SOHC/OHC, 8 Valves, Gasoline	05/1990- 09/1998	1149 cc	69.00 X 76.80	4 cyl		7	
	D7F 800 L4 70Cl /1.2Liter, SOHC/OHC, 8 Valves, Gasoline	03/2007-	1149 cc	69.00 X 76.80	4 cyl			
	D7F 744 L4 70Cl /1.2Liter, SOHC/OHC, 8 Valves, Gasoline	08/1997-	1149 cc	69.00 X 76.80	4 cyl			
CR4305AM STD/.25/.5 GLA: B410003 VAN: VPR93011A	GLY: 4-4405RA	C4305	4 Pairs		1.5742/ 1.5748 39.985/ 40.000	1.7181/ 1.7185 43.640/ 43.650	0.6398 16.25	0.0713 1.811
MB5349AM STD/.25/.5 GLY: 7264M		M5349U M5349L	4 Pairs		1.7319/ 1.7327 43.990/ 44.011	1.8745/ 1.8750 47.612/ 47.625	0.7402 18.80	0.0708 1.798
		F5349 M5349L	1 Pair		1.7319/ 1.7327 43.990/ 44.011	1.8745/ 1.8750 47.612/ 47.625	0.9433 23.96	0.0708 1.798
8	129 L4 74Cl /1.2Liter, SOHC/OHC, 8 Valves, Gasoline	05/1976- 12/1983	1218 cc	75.00 X 69.00	4 cyl	R14 L,TL,GTL.(Type R1210)(Eng., R14 TS (R1211))	8	
CR4493AM STD/.3/.5/.8/1.0/1.25/1.5 8 plain halves CLE: CB- 993AL (4) GLA: B4558SA VAN: VPR91850A	FMO: 4-62045RA GLY: 01-4173/4	C4493	4 Pairs		1.7707/ 1.7713 44.976/ 44.991	1.9155/ 1.9162 48.654/ 48.671	0.7780 19.76	0.0717 1.821
MB5508AM STD/.3/.5/.8/1.0/1.25/1.5 -1985 3 plain half bearing shells + 7 half bearing shells with one 5mm hole at 42 degrees from the centre line, and one slot 2.5 wide at the bottom of the groove. Back and interior tinned (tin flash). CLE: MS-1351AL GLA: M5379SA K.S: 77 122 608	FMO: 6380M GLY: H996/5 VAN: VPM91851A	M5508U M 576L	3 Pairs	1-3-5	1.9670/ 1.9677 49.962/ 49.980	2.1124/ 2.1131 53.655/ 53.673	0.6810 17.30	0.0710 1.803
		M5508U	2 Pairs	2-4	1.9670/ 1.9677 49.962/ 49.980	2.1124/ 2.1131 53.655/ 53.673	0.6810 17.30	0.0710 1.803
MB5569AM STD/.3/.5/.8/1.0 -1985- 4 Hvs grooved with two oil holes. 6Hvs Plain with two oil holes. CLE: MS-1612AL GLA: M5477SA K.S: 77 127 608	FMO: 7023M GLY: H1071/5 VAN: VPM95133A	M5569U	2 Pairs	2-4	1.9671/ 1.9678 49.964/ 49.982	2.1124/ 2.1131 53.655/ 53.673	0.6807 17.29	0.0722 1.834
		M5569L	3 Pairs	1-3-5	1.9671/ 1.9678 49.964/ 49.982	2.1124/ 2.1131 53.655/ 53.673	0.6807 17.29	0.0722 1.834

RENAULT				RENAULT			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
TW 132AM CLE:TW- 232S FMO:62047BFA GLA:W2243L GLY:A202/2 K.S:78 853 608 VAN:VPW95091	W 132	1 Pair		2.1752/ 2.1850 55.250/ 55.499	2.8130/ 2.8228 71.450/ 71.699	0.0000 0.00	0.0925 2.350
9	810 725 L4 79CI /1.3Liter, OHV, 8 Valves, Gasoline	10/1969-12/1987	1289 cc	73.00 X 77.00	4 cyl	Alouette (R2136), Estafette Traffic 8001300, R10 1300, R12 L, LN, TN, TS, TR, TL, TXBreak, R15 TL, GTL, TR (R1300), R5 LS, TS, TL, GTL, USA, Automatic, R6 TL Export Colombia(R1189), Rodeo 6 (4D1128).	9
	810 03 L4 79CI /1.3Liter, OHV, 8 Valves, Gasoline	02/1962-02/1983	1289 cc	73.00 X 77.00	4 cyl	Alouette (R2136), Estafette Traffic 8001300, R10 1300, R12 L, LN, TN, TS, TR, TL, TXBreak, R15 TL, GTL, TR (R1300), R5 LS, TS, TL, GTL, USA, Automatic, R6 TL Export Colombia(R1189), Rodeo 6 (4D1128).	
CR4426AM STD/.25/.5/.75/1.0/1.25/1.5 <i>SUPERSEDED BY CR4426AM</i>	C4426	4 Pairs		1.7309/ 1.7315 43.965/ 43.980	1.8746/ 1.8750 47.615/ 47.625	0.6990 17.75	0.0712 1.808
ACL:4B7900 CLE:CB-1005AL (4) FMO:4-2950RAA GLA:B4508SA GLY:01-3046 VAN:VPR91428A							
MB 505AM STD/.25/.5/.75/1.0/1.25/1.5 <i>46 mm journals.</i>	M 505/1U M 505/1L	2 Pairs	1-3	1.8106/ 1.8110 45.989/ 45.999	1.9635/ 1.9642 49.873/ 49.891	0.9640 24.49	0.0759 1.928
ACL:5M7904 CLE:MS-1183AL FMO:6286M GLA:M5279M GLY:H 897/5 VAN:VPM91429A	M 505/2U M 505/2L	3 Pairs	2-4-5	1.8106/ 1.8110 45.989/ 45.999	1.9635/ 1.9642 49.873/ 49.891	0.7670 19.48	0.0759 1.928
TW 120AM .10/.2/.25/.5/.75/1.0 <i>-1975</i>	W 120	1 Pair		2.6873/ 0.0000 68.257/ 0.000	2.0142/ 0.0000 51.161/ 0.000	0.0000 0.00	0.0910 2.311
CLE:TW- 142S GLA:W2051SA GLY:2952BF VAN:VPW49							
TW 121AM STD <i>SUPERSEDED BY TW 121AM 1975-</i>	W 121	1 Pair		2.3819/ 2.3917 60.500/ 60.749	3.1398/ 3.1496 79.751/ 80.000	0.0000 0.00	0.1102 2.799
CLE:TW- 164S FMO:60476BF GLA:W2158SA GLY:A195/2 VAN:VPW23							
10	X5J L4 83CI /1.4Liter, SOHC/OHC, 8 Valves, Gasoline	05/1976-12/1983	1360 cc	75.00 X 77.00	4 cyl	R 14 TS Mk I (Type 1211,1212), R14 L, TL, GTL, R14 TS Mk I	10
CR4493AM STD/.3/.5/.8/1.0/1.25/1.5 <i>8 plain halves</i>	C4493	4 Pairs		1.7707/ 1.7713 44.976/ 44.991	1.9155/ 1.9162 48.654/ 48.671	0.7780 19.76	0.0717 1.821
CLE:CB- 993AL (4) FMO:4-62045RA GLA:B4558SA GLY:01-4173/4 VAN:VPR91850A							
MB5508AM STD/.3/.5/.8/1.0/1.25/1.5 <i>3 plain half bearing shells + 7 half bearing shells with one 5mm hole at 42 degrees from the centre line, and one slot 2.5 wide at the bottom of the groove. Back and interior tinned (tin flash).</i>	M5508U M 576L	3 Pairs	1-3-5	1.9670/ 1.9677 49.962/ 49.980	2.1124/ 2.1131 53.655/ 53.673	0.6810 17.30	0.0710 1.803
CLE:MS-1351AL FMO:6380M GLA:M5379SA GLY:H996/5 K.S:77 122 608 VAN:VPM91851A	M5508U	2 Pairs	2-4	1.9670/ 1.9677 49.962/ 49.980	2.1124/ 2.1131 53.655/ 53.673	0.6810 17.30	0.0710 1.803
TW 132AM	W 132	1 Pair		2.1752/ 2.1850 55.250/ 55.499	2.8130/ 2.8228 71.450/ 71.699	0.0000 0.00	0.0925 2.350
CLE:TW- 232S FMO:62047BFA GLA:W2243L GLY:A202/2 K.S:78 853 608 VAN:VPW95091							
11	E7F 708 L4 71CI /1.2Liter, SOHC/OHC, 8 Valves, Gasoline	07/1985-11/1998	1171 cc	75.80 X 64.90	4 cyl	Clio A 710	11

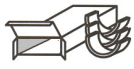
RENAULT				RENAULT				
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
E5F 710 L4 71Cl /1.2Liter, SOHC/OHC, 8 Valves, Gasoline	05/1990-09/1998	1171 cc	75.80 X 64.90	4 cyl	Clio A 710			
E7F 750 L4 71Cl /1.2Liter, SOHC/OHC, 8 Valves, Gasoline	05/1990-09/1998	1171 cc	75.80 X 64.90	4 cyl	Clio A 710			
C1G 700 L4 75Cl /1.3Liter, OHV, 8 Valves, Gasoline	09/1981-12/1989	1237 cc	71.50 X 77.00	4 cyl				
C1G 730 L4 75Cl /1.3Liter, OHV, 8 Valves, Gasoline	01/1988-12/1995	1237 cc	71.50 X 77.00	4 cyl				
C1G 720 L4 75Cl /1.3Liter, OHV, 8 Valves, Gasoline	10/1984-11/1998	1237 cc	71.50 X 77.00	4 cyl				
K7J 700 L4 85Cl /1.4Liter, SOHC/OHC, 8 Valves, Gasoline	70/1997-	1390 cc	75.80 X 77.00	4 cyl	Clio E6j, G712, H713, Ej6, R19 Chamade TS/GTS/TSE			
E7J 626 L4 85Cl /1.4Liter, SOHC/OHC, 8 Valves, Gasoline	08/1995-08/2003	1390 cc	75.80 X 77.00	4 cyl	Clio E6j, G712, H713, Ej6, R19 Chamade TS/GTS/TSE			
E7J 700 L4 85Cl /1.4Liter, SOHC/OHC, 8 Valves, Gasoline	01/1988-12/1995	1390 cc	75.80 X 77.00	4 cyl	Clio E6j, G712, H713, Ej6, R19 Chamade TS/GTS/TSE			
E7J 754 L4 85Cl /1.4Liter, SOHC/OHC, 8 Valves, Gasoline	07/1985-11/1998	1390 cc	75.80 X 77.00	4 cyl	Clio E6j, G712, H713, Ej6, R19 Chamade TS/GTS/TSE			
C1J 784 L4 85Cl OHV, 8 Valves, Gasoline Turbocharge	03/1983-12/1996	1397 cc	76.00 X 77.00	4 cyl				
C1J 770 L4 85Cl OHV, 8 Valves, Gasoline Turbocharge	09/1981-12/1989	1397 cc	76.00 X 77.00	4 cyl				
C6J 750 L4 85Cl OHV, 8 Valves, Gasoline Turbocharge	01/1972-12/1985	1397 cc	76.00 X 77.00	4 cyl				
847 700 L4 85Cl OHV, 8 Valves, Gasoline	03/1980-04/1989	1397 cc	76.00 X 77.00	4 cyl				
C1J 700 L4 85Cl OHV, 8 Valves, Gasoline	03/1980-03/2001	1397 cc	76.00 X 77.00	4 cyl				
847 720 L4 85Cl OHV, 8 Valves, Gasoline	04/1978-11/1993	1397 cc	76.00 X 77.00	4 cyl				
C2J 717 L4 85Cl OHV, 8 Valves, Gasoline	09/1981-12/1989	1397 cc	76.00 X 77.00	4 cyl				
C2J 788 L4 85Cl OHV, 8 Valves, Gasoline	10/1984-11/1998	1397 cc	76.00 X 77.00	4 cyl				
C2J 772 L4 85Cl OHV, 8 Valves, Gasoline	07/1985-11/1998	1397 cc	76.00 X 77.00	4 cyl				
847 712 L4 85Cl OHV, 8 Valves, Gasoline	01/1972-51/1985	1397 cc	76.00 X 77.00	4 cyl				
C1J 791 L4 85Cl OHV, 8 Valves, Gasoline	10/1969-08/1980	1397 cc	76.00 X 77.00	4 cyl				
CR4426AM STD/.25/.5/.75/1.0/1.25/1.5 <i>SUPERSEDED BY CR4426AM</i>	C4426	4 Pairs		1.7309/ 1.7315 43.965/ 43.980	1.8746/ 1.8750 47.615/ 47.625	0.6990 17.75	0.0712 1.808	
ACL: 4B7900 CLE: CB-1005AL (4) FMO: 4-2950RAA GLA: B4508SA GLY: 01-3046 VAN: VPR91428A								
MB 588AM STD/.25/.5/.75/1.0/1.25/1.5	M 588U M 588L	5 Pairs		2.1568/ 2.1572 54.783/ 54.793	2.3122/ 2.3129 58.730/ 58.748	0.7670 19.48	0.0767 1.948	
ACL: 5M7909 CLE: MS-1381AL FMO: 6444M GLA: M5342SA GLY: H1042/5 K.S: 77 085 608 VAN: VPM91808A								
TW 121AM STD <i>SUPERSEDED BY TW 121AM</i>	W 121	1 Pair		2.3819/ 2.3917 60.500/ 60.749	3.1398/ 3.1496 79.751/ 80.000	0.0000 0.00	0.1102 2.799	
CLE: TW- 164S FMO: 60476BF GLA: W2158SA GLY: A195/2 VAN: VPM23								
12 K9K (Turbo) L4 89Cl /1.5Liter, SOHC/OHC, 8 Valves, Diesel	08/1997-	1461 cc	76.00 X 80.50	4 cyl	Clio,Kango,Megane		12	

RENAULT				RENAULT			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
Turbocharge K9K L4 89CI /1.5Liter, SOHC/OHC, 8 Valves, Diesel		08/1997-	1461 cc	76.00 X 80.50	4 cyl	Clio,Kango,Megane	
CR4357CA STD./25/5/1.75/1.0 GLY:71-4243/4 K.S:77 837 600 VAN:VPR04512	C4350L	2 Pairs		1.7307/ 1.7315 43.960/ 43.980	1.8751/ 1.8744 47.628/ 47.610	0.6930 17.60	0.0710 1.803
	C4357U	2 Pairs		1.7307/ 1.7315 43.960/ 43.980	1.8751/ 1.8744 47.628/ 47.610	0.8070 20.50	0.0710 1.803
MB5352AM GLY:H1065/5 OEM:7701475110 VAN:VPM93106A	M5352U M5352L	5 Pairs		1.8894/ 1.8902 47.991/ 48.011	2.0447/ 2.0452 51.935/ 51.948	0.7677 19.50	0.0768 1.951
TW 166AM VAN:VPW95333A	W 166	1 Pair		2.1063/ 2.1161 53.500/ 53.749	2.8937/ 2.9134 73.500/ 74.000	0.0000 0.00	0.1110 2.819
13	K7M L4 98CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	08/1995- 08/2003	1598 cc	79.50 X 80.50	4 cyl	CLIO, MEGANE	
CR4350AM <i>Without Locating Lug</i> K.S:77 838 600 OEM:7701474892 VAN:VPR04522A	C4350	4 Pairs		1.7307/ 1.7315 43.960/ 43.980	1.8751/ 1.8744 47.628/ 47.610	0.6930 17.60	0.0710 1.803
CR4426AM STD./25/5/1.75/1.0/1.25/1.5 <i>SUPERSEDED BY CR4426AM</i> <i>With Locating Lug</i> ACL:4B7900 CLE:CB-1005AL (4) FMO:4-2950RAA GLA:B4508SA GLY:01-3046 VAN:VPR91428A	C4426	4 Pairs		1.7309/ 1.7315 43.965/ 43.980	1.8746/ 1.8750 47.615/ 47.625	0.6990 17.75	0.0712 1.808
MB5350AM OEM:7701475168 VAN:VPM93109A	M5352U M5352L	3 Pairs		1.8894/ 1.8902 47.991/ 48.011	2.0447/ 2.0452 51.935/ 51.948	0.7677 19.50	0.0768 1.951
	M5352U	2 Pairs		1.8894/ 1.8902 47.991/ 48.011	2.0447/ 2.0452 51.935/ 51.948	0.7670 19.48	0.0760 1.930
TW 166AM VAN:VPW95333A	W 166	1 Pair		2.1063/ 2.1161 53.500/ 53.749	2.8937/ 2.9134 73.500/ 74.000	0.0000 0.00	0.1110 2.819
14	K4M L4 98CI /1.6Liter, DOHC, 16 Valves, Gasoline	11/1993- 03/2001	1598 cc	79.50 X 80.50	4 cyl	CLIO, Kangoo, LAGUNA, LAGUNA NEVADA, MEGANE	
CR4350AM <i>Without Locating Lug.</i> K.S:77 838 600 OEM:7701474892 VAN:VPR04522A	C4350	4 Pairs		1.7307/ 1.7315 43.960/ 43.980	1.8751/ 1.8744 47.628/ 47.610	0.6930 17.60	0.0710 1.803
CR4426AM STD./25/5/1.75/1.0/1.25/1.5 <i>SUPERSEDED BY CR4426AM</i> <i>With Locating lug</i> ACL:4B7900 CLE:CB-1005AL (4) FMO:4-2950RAA GLA:B4508SA GLY:01-3046 VAN:VPR91428A	C4426	4 Pairs		1.7309/ 1.7315 43.965/ 43.980	1.8746/ 1.8750 47.615/ 47.625	0.6990 17.75	0.0712 1.808
MB5352AM GLY:H1065/5 OEM:7701475110 VAN:VPM93106A	M5352U M5352L	5 Pairs		1.8894/ 1.8902 47.991/ 48.011	2.0447/ 2.0452 51.935/ 51.948	0.7677 19.50	0.0768 1.951
TW 166AM VAN:VPW95333A	W 166	1 Pair		2.1063/ 2.1161 53.500/ 53.749	2.8937/ 2.9134 73.500/ 74.000	0.0000 0.00	0.1110 2.819
15	821 L4 96CI /1.6Liter, OHV, 8 Valves, Gasoline	09/1965- 08/1980	1565 cc	77.00 X 84.00	4 cyl	R16 TS (R1151,R1154)	
	807 20 L4 96CI /1.6Liter, OHV, 8 Valves, Gasoline	10/1969- 08/1980	1565 cc	77.00 X 84.00	4 cyl	R17 TL,TA (R1312,R1322),R15 TS	
	A5L 717 L4 96CI /1.6Liter, OHV, 8 Valves, Gasoline Turbocharge	04/1978- 11/1993	1565 cc	77.00 X 84.00	4 cyl	Fuego Turbo, R12 Gordini (R1173), R17 TS, Gordini (R1313,R1323), R18 Turbo 1600	
	821 20 L4 96CI /1.6Liter, OHV, 8 Valves, Gasoline	10/1969- 08/1980	1565 cc	77.00 X 84.00	4 cyl	R12 TI Break, Export(R1331), R12 TL,Export(R1172), R15 TL,Export (R1301), R16 9CV, R16 L,TL,(R1152,R1157), R16	

RENAULT				RENAULT				
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness	
843.01 L4 101CI /1.7Liter, SOHC/OHC, 8 Valves, Gasoline	09/1965-10/1980	1647 cc	79.00 X 84.00	4 cyl	TA Automatic(R1153) Fuego GTL,GTS (R1362), R12 Break Export (R1332), R12 Break Export (R1334), R12 L,TL Export (R1174), R12 L,TL,TS Export R1178, R15 TL USA (1308), R16 TS (R1155), R16 TX, TA (1156), R17 TL USA (R1314,R1324), R17 TS Gordini (1316,R1326, R17 TS,Gordini (R1318,R1328), R18 GTS Break, R18 TS,GTS (R1342,R1352), R20 L,TL,GTL (R1271), R20 TL, GTL Automatic			
843 720 L4 101CI /1.7Liter, OHV, 8 Valves, Gasoline	10/1975-12/1983	1647 cc	79.00 X 84.00	4 cyl	A1M A2M, R18 American 2, R18 Automatic, R18 Break TS,GTS (R1350,R1351), R18 GTL, R18 GTL Break, R18 GTLBreak, R18 TS,GTS, Trafic P1000 -P3,1 -P5,			
A2M 723 L4 101CI /1.7Liter, OHV, 8 Valves, Gasoline	04/1978-11/1993	1647 cc	79.00 X 84.00	4 cyl	Propulsion P3,0, P5/P6,OPA, Traction T1, T4, T5, T6, Trafic, Trafic 4x4			
843 724 L4 101CI /1.7Liter, OHV, 8 Valves, Gasoline	02/1980-11/1992	1647 cc	79.00 X 84.00	4 cyl				
A1M 705 L4 101CI /1.7Liter, OHV, 8 Valves, Gasoline	03/1980-04/1989	1647 cc	79.00 X 84.00	4 cyl				
CR4448AM STD/.25/.5/.75/1.0 ACL:4B8101 CLE:CB-1202AL(4) FMO:4-60475RA GLA:B4463SA GLY:01-4169/4 VAN:VPR91229A	C4448	4 Pairs		1.8899/ 1.8905 48.003/ 48.019	2.0310/ 2.0315 51.587/ 51.600	0.8560 21.74	0.0699 1.775	
MB 533AM STD/.25/.5/.75/1.0/1.25/1.5 <i>NOTE: Amaximum of 0.50mm undersize is recommended. Take care not to machine the filet radii.</i> ACL:5M8102 CLE:MS- 910M FMO:6274M GLA:M5238SA GLY:H1034/5 VAN:VPM91230A	M 533U M 533L	5 Pairs		2.1576/ 2.1580 54.803/ 54.813	2.3122/ 2.3130 58.730/ 58.750	0.8070 20.50	0.0767 1.948	
TW 121AM STD <i>SUPERSEDED BY TW 121AM</i> CLE:TW- 164S FMO:60476BF GLA:W2158SA GLY:A195/2 VAN:VPW23	W 121	1 Pair		2.3819/ 2.3917 60.500/ 60.749	3.1398/ 3.1496 79.751/ 80.000	0.0000 0.00	0.1102 2.799	
16 F2N 798 H4 105CI /1.8Liter, SOHC/OHC, 8 Valves, Gasoline	09/1981-12/1989	1721 cc	81.00 X 83.50	4 cyl	712, 710, Clio, Master, Microbus Trafic, R11 GTX, TXE, B/C376B/C37N, R19 GTX, TXE, ChamadeC/B53E/M,C, R21 Nevada TL, Societe, R21 TL, TS, TSE, GTS, RSGTL, K, R5 GXT, BaccaraC 40G,840 G, R5 Monaco, R9 GTX, TXE, L426, RS Nevada TS, GTS Societe, Super 5 GTX, Baccara, Trafic			
F1N 722 L4 105CI /1.8Liter, SOHC/OHC, 8 Valves, Gasoline	03/1980-03/2001	1721 cc	81.00 X 83.50	4 cyl	712, 710, Clio, Master, Microbus Trafic, R11 GTX, TXE, B/C376B/C37N, R19 GTX, TXE, ChamadeC/B53E/M,C,			

RENAULT

RENAULT



King Set No.



Part No.



Qty.



Position



Crankshaft Diameter



Housing Diameter

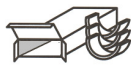




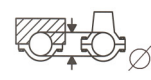












Length











Wall Thickness

King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
							R21 Nevada TL, Societe, R21 TL, TS, TSE, GTS, RSGTL, K, R5 GXT, BaccaraC 40G,840 G, R5 Monaco, R9 GTX, TXE, L426, RS Nevada TS, GTS Societe, Super 5 GTX, Baccara, Trafic
F2N 742 L4 105Cl /1.8Liter, SOHC/OHC, 8 Valves, Gasoline	10/1984-12/1996	1721 cc	81.00 X 83.50	4 cyl			712, 710, Clio, Master, Microbus Trafic, R11 GTX, TXE, B/C376B/C37N, R19 GTX, TXE, ChamadeC/B53E/M,C, R21 Nevada TL, Societe, R21 TL, TS, TSE, GTS, RSGTL, K, R5 GXT, BaccaraC 40G,840 G, R5 Monaco, R9 GTX, TXE, L426, RS Nevada TS, GTS Societe, Super 5 GTX, Baccara, Trafic
F2N 710 L4 105Cl /1.8Liter, SOHC/OHC, 8 Valves, Gasoline	09/1981-12/1989	1721 cc	81.00 X 83.50	4 cyl			712, 710, Clio, Master, Microbus Trafic, R11 GTX, TXE, B/C376B/C37N, R19 GTX, TXE, ChamadeC/B53E/M,C, R21 Nevada TL, Societe, R21 TL, TS, TSE, GTS, RSGTL, K, R5 GXT, BaccaraC 40G,840 G, R5 Monaco, R9 GTX, TXE, L426, RS Nevada TS, GTS Societe, Super 5 GTX, Baccara, Trafic
F3N 723 L4 105Cl /1.8Liter, SOHC/OHC, 8 Valves, Gasoline	03/1986-08/1994	1721 cc	81.00 X 83.50	4 cyl			712, 710, Clio, Master, Microbus Trafic, R11 GTX, TXE, B/C376B/C37N, R19 GTX, TXE, ChamadeC/B53E/M,C, R21 Nevada TL, Societe, R21 TL, TS, TSE, GTS, RSGTL, K, R5 GXT, BaccaraC 40G,840 G, R5 Monaco, R9 GTX, TXE, L426, RS Nevada TS, GTS Societe, Super 5 GTX, Baccara, Trafic
F2N 770 L4 105Cl /1.8Liter, SOHC/OHC, 8 Valves, Gasoline	05/1990-05/1990	1721 cc	81.00 X 83.50	4 cyl			712, 710, Clio, Master, Microbus Trafic, R11 GTX, TXE, B/C376B/C37N, R19 GTX, TXE, ChamadeC/B53E/M,C, R21 Nevada TL, Societe, R21 TL, TS, TSE, GTS, RSGTL, K, R5 GXT, BaccaraC 40G,840 G, R5 Monaco, R9 GTX, TXE, L426, RS Nevada TS, GTS Societe, Super 5 GTX, Baccara, Trafic
F3N 742 L4 105Cl /1.8Liter, SOHC/OHC, 8 Valves, Gasoline	01/1988-02/1997	1721 cc	81.00 X 83.50	4 cyl			712, 710, Clio, Master, Microbus Trafic, R11 GTX, TXE, B/C376B/C37N,

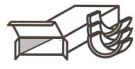
RENAULT					RENAULT				
									
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
								R19 GTX, TXE, Chamade C/B53E/M,C, R21 Nevada TL, Societe, R21 TL, TS, TSE, GTS, RSGTL, K, R5 GXT, Baccara C 40G, 840 G, R5 Monaco, R9 GTX, TXE, L426, RS Nevada TS, GTS Societe, Super 5 GTX, Baccara, Trafic	
	F7P 722 L4 108CI /1.8Liter, DOHC, 16 Valves, Gasoline	01/1988-09/1998	1763 cc	82.00 X 83.50	4 cyl			Clio, R19 Chamade 16V, R19 Sport	
	F3P L4 109CI /1.8Liter, SOHC/OHC, 8 Valves, Gasoline	05/1990-03/2001	1794 cc	82.70 X 83.50	4 cyl				
	F8Q 740 L4 114CI /1.9Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	01/1988-12/1995	1870 cc	80.00 X 93.00	4 cyl			Clio RL, RN, RT, GTD Societe, R19 Chamade TD, GTD, TDE, R19 TD, GTD, TDE, R21 GSD, SD	
	F8Q 744 L4 114CI /1.9Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	01/1991-12/1995	1870 cc	80.00 X 93.00	4 cyl			Clio RL, RN, RT, GTD Societe, R19 Chamade TD, GTD, TDE, R19 TD, GTD, TDE, R21 GSD, SD	
	F8Q 640 L4 114CI /1.9Liter, SOHC/OHC, 8 Valves, Diesel	07/1985-11/1998	1870 cc	80.00 X 93.00	4 cyl			Clio RL, RN, RT, GTD Societe, R19 Chamade TD, GTD, TDE, R19 TD, GTD, TDE, R21 GSD, SD	
	F8Q 730 L4 114CI /1.9Liter, SOHC/OHC, 8 Valves, Diesel	01/1988-09/1998	1870 cc	80.00 X 93.00	4 cyl			Clio RL, RN, RT, GTD Societe, R19 Chamade TD, GTD, TDE, R19 TD, GTD, TDE, R21 GSD, SD	
	CR4019AM STD/.25/.5/.75/1.0/1.25/1.5 ACL: 4B9601 CLE: CB-1310AL (4) FMO: 4-4060CP ~ GLA: B4680SA GLY: 01-4202/4 K.S: 77 089 608	C4019	4 Pairs		1.8898/ 1.8905 48.001/ 48.019	2.0310/ 2.0315 51.587/ 51.600	0.8070 20.50	0.0699 1.775	
	MB5180AM STD/.25/.5/.75/1.0 5 plain half bearing shells + 5 half bearing shells with groove and two 5mm holes: at +60 degrees from the centre line; at -30 degrees from the centre line. ACL: SM9444 CLE: MS-1603AL FMO: 7175M GLA: M5469SA GLY: H1080/5 VAN: VPM92455A	M5180U M5555L	5 Pairs		2.1569/ 2.1573 54.785/ 54.795	2.3122/ 2.3128 58.730/ 58.745	0.7280 18.49	0.0766 1.946	
	TW 162AM STD FMO: 66741AF GLA: W2348SA GLY: A215/2 VAN: VPW95236	W 162	1 Pair		2.3819/ 2.3917 60.500/ 60.749	3.1398/ 3.1496 79.751/ 80.000	0.0000 0.00	0.0925 2.350	
17	N7Q L4 119CI /2.0Liter, DOHC, 16 Valves, Gasoline	11/1993-03/2001	1948 cc	83.00 X 90.00	4 cyl			LAGUNA, LAGUNA NEVADA, SAFRANE	
	CR4310AM GLY: 71-3754/4 VAN: VPR04007	C6700	4 Pairs		1.9679/ 1.9685 49.985/ 50.000	2.0866/ 2.0871 53.000/ 53.012	0.7677 19.50	0.0589 1.496	
	MB5351AM GLY: H 046/5 VAN: VPM05003	M7023U M7023L F7023U F7023L	4 Pairs 1 Pair		2.5585/ 2.5591 64.986/ 65.001 2.5585/ 2.5591 64.986/ 65.001	2.7165/ 2.7171 68.999/ 69.014 2.7165/ 2.7171 68.999/ 69.014	0.7717 19.60 1.0189 25.88	0.0785 1.994 0.0787 1.999	
18	829 702 L4 122CI /2.0Liter, SOHC/OHC, 8 Valves, Gasoline	10/1975-12/1983	1995 cc	88.00 X 82.00	4 cyl			Espace 2000 GTS, Espace 2000 GTS Societe, Espace 2000 TSE, Espace 2000-1, Fuego TX, GTS, J112, S112, R18 TX Break 4x4, R18 TX, GTX 2000, R18 TX, GT Braek, R20 LS, R20 TS, R25 TS, GTS 2000	
	J5R 726 L4 122CI /2.0Liter,	02/1980-	1995 cc	88.00 X 82.00	4 cyl			Trafic, Trafic 4x4	

RENAULT				RENAULT			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
SOHC/OHC, 8 Valves, Gasoline	03/2001						
J7R 760 L4 1222CI /2.0Liter, SOHC/OHC, 8 Valves, Gasoline	07/1984-08/1994	1995 cc	88.00 X 82.00	4 cyl	Master T30,T35, Micro Bus Traffic		
J7R 756 L4 1222CI /2.0Liter, SOHC/OHC, 8 Valves, Gasoline Turbocharge	03/1986-06/1994	1995 cc	88.00 X 82.00	4 cyl	Master T30,T35, Micro Bus Traffic		
J6R 758 L4 1222CI /2.0Liter, SOHC/OHC, 8 Valves, Gasoline	03/1986-08/1994	1995 cc	88.00 X 82.00	4 cyl	Master T30,T35, Micro Bus Traffic		
J7R 733 L4 1222CI /2.0Liter, SOHC/OHC, 8 Valves, Gasoline	09/1989-07/1996	1995 cc	88.00 X 82.00	4 cyl	Master T30,T35, Micro Bus Traffic		
CR4015AM STD/.25/.5/.75/1.0/1.25 4 half bearing shells with oil holes at 30 degrees from the centre line. 4 plain half bearing shells. CLE:CB-1166AL (4) FMO:4-66600RA GLA:B4627SA GLY:01-4187/4 K.S:77 092 608 OEM:7701349156	C4015U C4015L	4 Pairs		2.0578/ 2.0585 52.268/ 52.286	2.2047/ 2.2055 55.999/ 56.020	0.7380 18.75	0.0729 1.852
MB5081AM Under Development CLE:MS-1604AL GLA:M5418SA GLY:H1058/5 VAN:VPM91932A	M5544 M5081L	5 Pairs	1-5	2.4753/ 2.4761 62.873/ 62.893	2.6247/ 2.6255 66.667/ 66.688	0.9250 23.50	0.0740 1.880
MB5544AM STD/.25/.5/.75/1.0/1.25 10 grooved half bearing shells with 3 holes and locating lug on the left. CLE:MS-1541AL FMO:6575M GLA:M5408SA GLY:H1052/5 K.S:77 124 608 OEM:7701348542 VAN:VPM92426	M5544	5 Pairs		2.4753/ 2.4761 62.873/ 62.893	2.6247/ 2.6255 66.667/ 66.688	0.9250 23.50	0.0740 1.880
TW 135AM.10 FMO:66506BF GLY:A208/2 VAN:VPW95094A	W 135	1 Pair		2.8031/ 2.8130 71.199/ 71.450	3.4583/ 3.4681 87.841/ 88.090	0.0000 0.00	0.1102 2.799
19	J7R 734 L4 1222CI /2.0Liter, SOHC/OHC, 12 Valves, Gasoline	09/1989-07/1996	1995 cc	88.00 X 82.00	4 cyl	R21 Nevada GTX	19
	J7R 756 L4 1222CI /2.0Liter, SOHC/OHC, 8 Valves, Gasoline Turbocharge	03/1986-06/1994	1995 cc	88.00 X 82.00	4 cyl	R21 GTX, R21 Nevada, TXE, R21 RX, R21 T, TXE	
	J6R 714 L4 1222CI /2.0Liter, SOHC/OHC, 8 Valves, Gasoline	02/1979-07/1998	1995 cc	88.00 X 82.00	4 cyl	R21 TX, R25 TX	
	J7R 723 L4 1222CI /2.0Liter, SOHC/OHC, 8 Valves, Gasoline	04/1984-08/1994	1995 cc	88.00 X 82.00	4 cyl	R25 TX	
	J7R 733 L4 1222CI /2.0Liter, SOHC/OHC, 8 Valves, Gasoline	01/1991-07/1996	1995 cc	88.00 X 82.00	4 cyl	R25 TX	
CR4015AM STD/.25/.5/.75/1.0/1.25 4 half bearing shells with oil holes at 30 degrees from the centre line. 4 plain half bearing shells. CLE:CB-1166AL (4) FMO:4-66600RA GLA:B4627SA GLY:01-4187/4 K.S:77 092 608 OEM:7701349156	C4015U C4015L	4 Pairs		2.0578/ 2.0585 52.268/ 52.286	2.2047/ 2.2055 55.999/ 56.020	0.7380 18.75	0.0729 1.852
MB5081AM Under Development CLE:MS-1604AL GLA:M5418SA GLY:H1058/5 VAN:VPM91932A	M5544 M5081L	5 Pairs	1-5	2.4753/ 2.4761 62.873/ 62.893	2.6247/ 2.6255 66.667/ 66.688	0.9250 23.50	0.0740 1.880
TW 135AM.10 FMO:66506BF GLY:A208/2 VAN:VPW95094A	W 135	1 Pair		2.8031/ 2.8130 71.199/ 71.450	3.4583/ 3.4681 87.841/ 88.090	0.0000 0.00	0.1102 2.799
20	J6R 792 L4 1222CI /2.0Liter, SOHC/OHC, 8 Valves, Gasoline	03/1986-08/1994	1995 cc	88.00 X 82.00	4 cyl	R11 Turbo, R21 Turbo, R21-2L, R5 GT Turbo	20
	829 700 L4 1222CI /2.0Liter, SOHC/OHC, 8 Valves, Gasoline	10/1975-12/1983	1995 cc	88.00 X 82.00	4 cyl	R11 Turbo, R21 Turbo, R21-2L, R5 GT Turbo	
CR4015AM STD/.25/.5/.75/1.0/1.25 4 half bearing shells with oil holes at 30 degrees from the centre line. 4 plain half bearing shells. CLE:CB-1166AL (4) FMO:4-66600RA GLA:B4627SA GLY:01-4187/4 K.S:77 092 608 OEM:7701349156	C4015U C4015L	4 Pairs		2.0578/ 2.0585 52.268/ 52.286	2.2047/ 2.2055 55.999/ 56.020	0.7380 18.75	0.0729 1.852

RENAULT				RENAULT				
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
MB5544AM STD/.25/.5/1.75/1.0/1.25 10 grooved half bearing shells with 3 holes and locating lug on the left. CLE:MS-1541AL FMO:6575M GLA:M5408SA GLY:H1052/5 K.S:77 124 608 OEM:7701348542 VAN:VPM92426	M5544	5 Pairs		2.4753/ 2.4761 62.873/ 62.893	2.6247/ 2.6255 66.667/ 66.688	0.9250 23.50	0.0740 1.880	
TW 135AM .10 FMO:66506BF GLY:A208/2 VAN:VPW95094A	W 135	1 Pair		2.8031/ 2.8130 71.199/ 71.450	3.4583/ 3.4681 87.841/ 88.090	0.0000 0.00	0.1102 2.799	
21	M9R 780 L4 122CI /2.0Liter, DOHC, 16 Valves, Diesel Turbocharge	03/2001-	1995 cc	84.00 X 90.00	4 cyl	TRAFIC, TRAFIC II	21	
CR4517XA STD/.25/.5/1.0 K.S:77 867 600 OEM:93161641	C4517U C4517L	4 Pairs		2.0466/ 2.0472 51.984/ 51.999	2.1889/ 2.1897 55.598/ 55.618	0.7173 18.22	0.0696 1.768	
MB5648SI STD/.25/.5 GLY:H1243/5 K.S:77 868 600 OEM:93198478	M5648U M5648L	5 Halves 5 Halves		2.2041/ 2.2049 55.984/ 56.004 2.2041/ 2.2049 55.984/ 56.004	2.3621/ 2.3626 59.997/ 60.010 2.3621/ 2.3626 59.997/ 60.010	0.6692 17.00 0.7625 19.37	0.0783 1.989 0.0783 1.989	
TW 199AM STD Under Development GLY:A273/2 OEM:7701476740	W 199	1 Pair		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 3.3070 0.000/ 83.998	0.0000 0.00	0.1059 2.690	
22	F9Q 803 L4 114CI /1.9Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge FQ8 620/A706/D7- F8Q U724/G732/H- F8Q L742/T744/V-	03/2001-	1870 cc	80.00 X 93.00	4 cyl	Clio, Express, Kangoo, Megane, Nevada, R19, R21	22	
	F9Q 782 L4 114CI /1.9Liter, SOHC/OHC, 8 Valves, Diesel 730, 734 760, 762 -09.2002-04.2003 770 -07.2002-10.2003 772, 774 -10.2003- 780 -01.2003- 800 -01.2003- 820 -09.1998-	08/1997-	1870 cc	80.00 X 93.00	4 cyl			
	F8Q 622 L4 114CI /1.9Liter, SOHC/OHC, 8 Valves, Diesel	03/1999- 08/2003	1870 cc	80.00 X 93.00	4 cyl			
	F8Q 662 L4 114CI /1.9Liter, SOHC/OHC, 8 Valves, Diesel	08/1997-	1870 cc	80.00 X 93.00	4 cyl			
	F9Q 710 L4 114CI /1.9Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	11/1993- 08/2003	1870 cc	80.00 X 93.00	4 cyl	Clio, Express, Kangoo, Megane, Nevada, R19, R21		
	F9Q 800 L4 114CI /1.9Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	08/1997-	1870 cc	80.00 X 93.00	4 cyl	Clio, Express, Kangoo, Megane, Nevada, R19, R21		
	F9Q 733 L4 114CI /1.9Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	11/1993- 08/2003	1870 cc	80.00 X 93.00	4 cyl	Clio, Express, Kangoo, Megane, Nevada, R19, R21		
	F9Q 752 L4 114CI /1.9Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	03/2001-	1870 cc	80.00 X 93.00	4 cyl	Clio, Express, Kangoo, Megane, Nevada, R19, R21		
	F3R 796 L4 122CI /2.0Liter, SOHC/OHC, 8 Valves, Gasoline	09/1996- 08/2003	1998 cc	82.70 X 93.00	4 cyl			
	F4R 760 L4 122CI /2.0Liter, DOHC, 16 Valves, Gasoline Turbocharge	09/2001- 03/2020	1998 cc	82.70 X 93.00	4 cyl			
	F4R 764 L4 122CI /2.0Liter, DOHC, 16 Valves, Gasoline Turbocharge	03/2001-	1998 cc	82.70 X 93.00	4 cyl			
	F4R 722 L4 122CI /2.0Liter, DOHC,	03/2001-	1998 cc	82.70 X 93.00	4 cyl			

RENAULT

RENAULT



King Set No.



Part No.



Qty.



Position



Crankshaft Diameter



Housing Diameter











Length

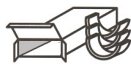




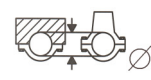




Wall Thickness

	16 Valves, Gasoline F4R 780 L4 122CI /2.0Liter, DOHC, 16 Valves, Gasoline	11/1993-08/2003	1998 cc	82.70 X 93.00	4 cyl			
CR4227CA STD/.25/.5/.75/1.0 FMO:4-66740RAA~ K.S:77 752 600 GLY:71-3988/4 VAN:VPR93007	C4227U C4227L	4 Pairs		1.8898/ 1.8905 48.001/ 48.019	2.0310/ 2.0315 51.587/ 51.600	0.8071 20.50	0.0696 1.768	
MB5288AM STD/.25/.5/.75/1.0 FMO:7330M VAN:VPM93105A GLY:7330M	M5288U M5288L	5 Pairs	1-5	2.1569/ 2.1573 54.785/ 54.795	2.3122/ 2.3128 58.730/ 58.745	0.7283 18.50	0.0766 1.946	
TW 162AM STD FMO:66741AF GLY:A215/2 GLA:W2348SA VAN:VPW95236	W 162	1 Pair		2.3819/ 2.3917 60.500/ 60.749	3.1398/ 3.1496 79.751/ 80.000	0.0000 0.00	0.0925 2.350	
23	F8M 730 L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Diesel	09/1981-11/1998	1595 cc	78.00 X 83.50	4 cyl	C, B, S 374, Express 1.6, Express Extra, F 404, M40-404.5, 404,C404, R11 Broadway 1,6D, R11 TD, GTD Societe, R11 TD, GTD, TDE, R5 D Societe CBS 404, R5 D, TD, GTD, SD, R9 Louisiane D, R9 Spring, Broadway 1,6D, R9 TD, GTD, TDE, TDI, R9, R11 TD, GTD, TDE, Super 5 GTD, TD, Super 5 TD,D, Supercinq D		23
	F3P L4 109CI /1.8Liter, SOHC/OHC, 8 Valves, Gasoline	11/1993-03/2001	1794 cc	82.70 X 83.50	4 cyl			
	F8Q 786 L4 114CI /1.9Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	08/1995-08/2003	1870 cc	80.00 X 93.00	4 cyl			
	F8Q 744 L4 114CI /1.9Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	01/1991-12/1995	1870 cc	80.00 X 93.00	4 cyl			
	F8Q 784 L4 114CI /1.9Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	08/1995-08/2003	1870 cc	80.00 X 93.00	4 cyl			
	F8Q 774 L4 114CI /1.9Liter, SOHC/OHC, 8 Valves, Diesel	07/1985-01/1	1870 cc	80.00 X 93.00	4 cyl			
	F8Q 790 L4 114CI /1.9Liter, SOHC/OHC, 8 Valves, Diesel	08/1995-08/2003	1870 cc	80.00 X 93.00	4 cyl			
	F8Q 620 L4 114CI /1.9Liter, SOHC/OHC, 8 Valves, Diesel	08/1995-30/2003	1870 cc	80.00 X 93.00	4 cyl			
	F8Q 732 L4 114CI /1.9Liter, SOHC/OHC, 8 Valves, Diesel	05/1990-09/1998	1870 cc	80.00 X 93.00	4 cyl			
	F3R 722 L4 122CI /2.0Liter, SOHC/OHC, 8 Valves, Gasoline	11/1993-08/2003	1998 cc	82.70 X 93.00	4 cyl			
	F7R 710 L4 122CI /2.0Liter, DOHC, 16 Valves, Gasoline	05/1990-08/2003	1998 cc	82.70 X 93.00	4 cyl			
CR4019AM STD/.25/.5/.75/1.0/1.25/1.5 Until 12/1997 ACL:4B9601 FMO:4-4060CP ~ GLY:01-4202/4 CLE:CB-1310AL (4) GLA:B4680SA K.S:77 089 608	C4019	4 Pairs		1.8898/ 1.8905 48.001/ 48.019	2.0310/ 2.0315 51.587/ 51.600	0.8070 20.50	0.0699 1.775	
CR4227CA STD/.25/.5/.75/1.0 From 01/1998 FMO:4-66740RAA~ K.S:77 752 600 GLY:71-3988/4 VAN:VPR93007	C4227U C4227L	4 Pairs		1.8898/ 1.8905 48.001/ 48.019	2.0310/ 2.0315 51.587/ 51.600	0.8071 20.50	0.0696 1.768	
MB5180AM STD/.25/.5/.75/1.0 5 plain half bearing shells + 5 half bearing shells with groove and two 5mm holes: at +60 degrees from the centre line; at -30 degrees from the centre line.	M5180U M5555L	5 Pairs		2.1569/ 2.1573 54.785/ 54.795	2.3122/ 2.3128 58.730/ 58.745	0.7280 18.49	0.0766 1.946	

RENAULT				RENAULT				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
ACL: 5M9444 FMO: 7175M GLY: H1080/5	CLE: MS-1603AL GLA: M5469SA VAN: VPM92455A							
MB5288AM STD/.25/.5/.75/1.0 Same as MB5180AM without lug FMO: 7330M GLY: 7330M VAN: VPM93105A								
24	J8S 712 L4 126CI /2.1Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	04/1978-11/1993	2068 cc	86.00 X 89.00	4 cyl	Jeep CJ 7, Jeep CJ 7 Larendo, Master T 30 D, Microbus Trafic, R 18 GTD 4x4 Break, R18 TD Societe, R18D, TD, GTD (1344/1354), R20 D, TD, GTD, R21 D, TD, GTD, R21 Nevada TD, GTD, R25 TD, GTD, Trafic T3, T4, T5, T1Trafic, Trafic T800D/T1000D/P1000D/	24	
	J8S 240 L4 126CI /2.1Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	07/1984-12/1992	2068 cc	86.00 X 89.00	4 cyl	Jeep CJ 7, Jeep CJ 7 Larendo, Master T 30 D, Microbus Trafic, R 18 GTD 4x4 Break, R18 TD Societe, R18D, TD, GTD (1344/1354), R20 D, TD, GTD, R21 D, TD, GTD, R21 Nevada TD, GTD, R25 TD, GTD, Trafic T3, T4, T5, T1Trafic, Trafic T800D/T1000D/P1000D/		
	J8S 600 L4 126CI /2.1Liter, SOHC/OHC, 8 Valves, Diesel	03/1986-40/1994	2068 cc	86.00 X 89.00	4 cyl	Jeep CJ 7, Jeep CJ 7 Larendo, Master T 30 D, Microbus Trafic, R 18 GTD 4x4 Break, R18 TD Societe, R18D, TD, GTD (1344/1354), R20 D, TD, GTD, R21 D, TD, GTD, R21 Nevada TD, GTD, R25 TD, GTD, Trafic T3, T4, T5, T1Trafic, Trafic T800D/T1000D/P1000D/		
	J8S 750 L4 126CI /2.1Liter, SOHC/OHC, 8 Valves, Diesel	03/1980-04/1989	2068 cc	86.00 X 89.00	4 cyl	Jeep CJ 7, Jeep CJ 7 Larendo, Master T 30 D, Microbus Trafic, R 18 GTD 4x4 Break, R18 TD Societe, R18D, TD, GTD (1344/1354), R20 D, TD, GTD, R21 D, TD, GTD, R21 Nevada TD, GTD, R25 TD, GTD, Trafic T3, T4, T5, T1Trafic, Trafic T800D/T1000D/P1000D/		
	J8S 620 L4 126CI /2.1Liter, SOHC/OHC, 8 Valves, Diesel	03/1989-03/2001	2068 cc	86.00 X 89.00	4 cyl	Jeep CJ 7, Jeep CJ 7 Larendo, Master T 30 D, Microbus Trafic, R 18 GTD 4x4 Break, R18 TD Societe, R18D, TD, GTD (1344/1354), R20 D, TD, GTD, R21 D, TD, GTD, R21 Nevada TD, GTD, R25 TD, GTD, Trafic T3, T4, T5, T1Trafic, Trafic T800D/T1000D/P1000D/		
	852 L4 126CI /2.1Liter, SOHC/OHC, 8 Valves, Gasoline	10/1975-12/1983	2068 cc	86.00 X 89.00	4 cyl	Jeep CJ 7, Jeep CJ 7 Larendo, Master T 30 D,		

RENAULT				RENAULT				
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
						Microbus Trafic, R 18 GTD 4x4 Break, R18 TD Societe, R18D, TD, GTD (1344/1354), R20 D, TD, GTD, R21 D, TD, GTD, R21 Nevada TD, GTD, R25 TD, GTD, Trafic T3, T4, T5, T1Trafic, Trafic T800D/T1000D/P1000D/		
852 720 L4 126Cl /2.1Liter, SOHC/OHC, 8 Valves, Diesel	03/1980-03/2001	2068 cc	86.00 X 89.00	4 cyl		Jeep CJ 7, Jeep CJ 7 Larendo, Master T 30 D, Microbus Trafic, R 18 GTD 4x4 Break, R18 TD Societe, R18D, TD, GTD (1344/1354), R20 D, TD, GTD, R21 D, TD, GTD, R21 Nevada TD, GTD, R25 TD, GTD, Trafic T3, T4, T5, T1Trafic, Trafic T800D/T1000D/P1000D/		
852 710 L4 126Cl /2.1Liter, SOHC/OHC, 8 Valves, Diesel	04/1978-08/1994	2068 cc	86.00 X 89.00	4 cyl		Jeep CJ 7, Jeep CJ 7 Larendo, Master T 30 D, Microbus Trafic, R 18 GTD 4x4 Break, R18 TD Societe, R18D, TD, GTD (1344/1354), R20 D, TD, GTD, R21 D, TD, GTD, R21 Nevada TD, GTD, R25 TD, GTD, Trafic T3, T4, T5, T1Trafic, Trafic T800D/T1000D/P1000D/		
CR4006AM STD/.25/.5/.75/1.0/1.25 4 half bearing shells with oil holes offset at 32 degrees from the centre line. 4 plain half bearing shells. CLE:CB-1311AL (4) FMO:4-66645RAB GLA:B4643SA GLY:01-4191/4 K.S:77 136 608 VAN:VPR91916A	C4006U C4006L	4 Pairs			2.2152/ 2.2160 56.266/ 56.286	2.3624/ 2.3630 60.005/ 60.020	0.8170 20.75	0.0725 1.842
MB5081 AM Under Development CLE:MS-1604AL GLA:M5418SA GLY:H1058/5 VAN:VPM91932A	M5544 M5081L	5 Pairs	1-5		2.4753/ 2.4761 62.873/ 62.893	2.6247/ 2.6255 66.667/ 66.688	0.9250 23.50	0.0740 1.880
MB5544AM STD/.25/.5/.75/1.0/1.25 10 grooved half bearing shells with 3 holes and locating lug on the left. CLE:MS-1541AL FMO:6575M GLA:M5408SA GLY:H1052/5 K.S:77 124 608 OEM:7701348542 VAN:VPM92426	M5544	5 Pairs			2.4753/ 2.4761 62.873/ 62.893	2.6247/ 2.6255 66.667/ 66.688	0.9250 23.50	0.0740 1.880
TW 135AM.10 FMO:66506BF GLY:A208/2 VAN:VPW95094A	W 135	1 Pair			2.8031/ 2.8130 71.199/ 71.450	3.4583/ 3.4681 87.841/ 88.090	0.0000 0.00	0.1102 2.799
25	J8S 778 L4 126Cl /2.1Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	01/1991-12/1996	2068 cc	86.00 X 89.00	4 cyl	Cherokee BL 79 3E, ESPACE Turbo D Societe, Espace 2000 1, Espace D,DX,Turbo, Fuego D Turbo, Jeep 4x4, CJ7, Jeep Cherokee, Master, R 21 D Turbo, R18 Turbo D, Break, R20 D Turbo, R21 Break, Nevada Turbo, R21 Turbo DX Manager, R25 D,DX,Turbo, R25 Limousine TD, R30 D Turbo, Trafic	25	
	J8S 240 L4 126Cl /2.1Liter, SOHC/OHC, 8 Valves, Diesel	07/1984-12/1992	2068 cc	86.00 X 89.00	4 cyl	Cherokee BL 79 3E, ESPACE Turbo D Societe,		

RENAULT				RENAULT				
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
Turbocharge							Espace 2000 1, Espace D,DX,Turbo, Fuego D Turbo, Jeep 4x4, CJ7, Jeep Cherokee, Master, R 21 D Turbo, R18 Turbo D, Break, R20 D Turbo, R21 Break, Nevada Turbo, R21 Turbo DX Manager, R25 D,DX,Turbo, R25 Limousine TD, R30 D Turbo, Traffic	
J8S 702 L4 126CI /2.1Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	02/1975-03/1986	2068 cc	86.00 X 89.00	4 cyl			Cherokee BL 79 3E, ESPACE Turbo D Societe, Espace 2000 1, Espace D,DX,Turbo, Fuego D Turbo, Jeep 4x4, CJ7, Jeep Cherokee, Master, R 21 D Turbo, R18 Turbo D, Break, R20 D Turbo, R21 Break, Nevada Turbo, R21 Turbo DX Manager, R25 D,DX,Turbo, R25 Limousine TD, R30 D Turbo, Traffic	
J8S 712 L4 126CI /2.1Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	04/1978-08/1994	2068 cc	86.00 X 89.00	4 cyl			Cherokee BL 79 3E, ESPACE Turbo D Societe, Espace 2000 1, Espace D,DX,Turbo, Fuego D Turbo, Jeep 4x4, CJ7, Jeep Cherokee, Master, R 21 D Turbo, R18 Turbo D, Break, R20 D Turbo, R21 Break, Nevada Turbo, R21 Turbo DX Manager, R25 D,DX,Turbo, R25 Limousine TD, R30 D Turbo, Traffic	
CR4301AM GLA:B4776 VAN:VPR92537A GLY:01-4189/4	C4006L	4 Pairs		2.2152/ 2.2160 56.266/ 56.286	2.3624/ 2.3630 60.005/ 60.020	0.8170 20.75	0.0725 1.842	
MB5081AM <i>Under Development</i> CLE:MS-1604AL GLY:H1058/5 GLA:M5418SA VAN:VPM91932A	M5544 M5081L	5 Pairs	1-5	2.4753/ 2.4761 62.873/ 62.893	2.6247/ 2.6255 66.667/ 66.688	0.9250 23.50	0.0740 1.880	
MB5544AM STD/.25/.5/.75/1.0/1.25 <i>10 grooved half bearing shells with 3 holes and locating lug on the left.</i> CLE:MS-1541AL GLA:M5408SA K.S:77 124 608 VAN:VPM92426 FMO:6575M GLY:H1052/5 OEM:7701348542	M5544	5 Pairs		2.4753/ 2.4761 62.873/ 62.893	2.6247/ 2.6255 66.667/ 66.688	0.9250 23.50	0.0740 1.880	
TW 135AM.10 FMO:66506BF VAN:VPW95094A GLY:A208/2	W 135	1 Pair		2.8031/ 2.8130 71.199/ 71.450	3.4583/ 3.4681 87.841/ 88.090	0.0000 0.00	0.1102 2.799	
26	J7T 760 L4 132CI /2.2Liter, SOHC/OHC, 12 Valves, Gasoline	04/1992-07/1996	2165 cc	88.00 X 89.00	4 cyl	R20 TX	26	
	J7T 782 L4 132CI /2.2Liter, SOHC/OHC, 8 Valves, Gasoline	07/1980-07/1998	2165 cc	88.00 X 89.00	4 cyl	Espace GTS, R25 GTX, Automatic		
	J7T 730 L4 132CI /2.2Liter, SOHC/OHC, 8 Valves, Gasoline	04/1984-12/1993	2165 cc	88.00 X 89.00	4 cyl	Espace GTS, R25 GTX, Automatic		
	J7T 776 L4 132CI /2.2Liter, SOHC/OHC, 8 Valves, Gasoline	01/1991-12/1996	2165 cc	88.00 X 89.00	4 cyl	Espace GTS, R25 GTX, Automatic		
CR4006AM STD/.25/.5/.75/1.0/1.25 CLE:CB-1311AL (4) GLA:B4643SA K.S:77 136 608 FMO:4-66645RAB GLY:01-4191/4 VAN:VPR91916A	C4006U C4006L	4 Pairs		2.2152/ 2.2160 56.266/ 56.286	2.3624/ 2.3630 60.005/ 60.020	0.8170 20.75	0.0725 1.842	
MB5081AM	M5544	5 Pairs	1-5	2.4753/ 2.4761	2.6247/ 2.6255	0.9250	0.0740	

RENAULT				RENAULT			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
<i>Under Development</i> CLE:MS-1604AL GLA:M5418SA GLY:H1058/5 VAN:VPM91932A		M5081L		62.873/ 62.893	66.667/ 66.688	23.50	1.880
27	G8T 790 L4 134CI /2.2Liter, SOHC/OHC, 12 Valves, Diesel	11/1993-10/2002	2188 cc	87.00 X 92.00	4 cyl	Espace, Espace Grand, Laguna, Laguna Nevada, Safrane	27
	G8T 740 L4 134CI /2.2Liter, SOHC/OHC, 12 Valves, Diesel	11/1993-03/2001	2188 cc	87.00 X 92.00	4 cyl	Espace, Espace Grand, Laguna, Laguna Nevada, Safrane	
	G8T 740 L4 134CI /2.2Liter, SOHC/OHC, 12 Valves, Diesel Turbocharge	11/1993-10/2002	2188 cc	87.00 X 92.00	4 cyl	Espace, Espace Grand, Laguna, Laguna Nevada, Safrane	
CR4304AM STD/.25 VAN:VPR93010A	C4304	4 Pairs		1.8888/ 1.8894 47.976/ 47.991	2.0320/ 2.0325 51.613/ 51.626	0.8130 20.65	0.0709 1.801
CR4373SI STD/.25/.5/.75/1.0 <i>Under Development For Turbo Engines</i> VAN:VPR93009	C4373	4 Pairs		1.8888/ 1.8894 47.976/ 47.991	2.0320/ 2.0325 51.613/ 51.626	0.8130 20.65	0.0710 1.803
MB5621SI VAN:VPM05002	M5621U M5621L	5 Pairs	1-5	2.2827/ 2.2835 57.981/ 58.001	2.4279/ 2.4284 61.669/ 61.681	0.8264 20.99	0.0717 1.821
28	G9T L4 134CI /2.2Liter, DOHC, 16 Valves, Diesel Turbocharge	11/1996-	2188 cc	87.00 X 92.00	4 cyl	Master Combi, Trafic	28
	G9T 642 L4 134CI /2.2Liter, DOHC, 16 Valves, Diesel Turbocharge	-	2188 cc	87.00 X 92.00	4 cyl	Avantime, Espace, Espace Grand, Lagunall, Master, Master Combi, Master Minibus, Velsatis	
CR4372XA STD VAN:VPR04516	C4372U C4372L	4 Pairs		2.0855/ 2.0862 52.972/ 52.989	2.2278/ 2.2286 56.586/ 56.606	0.8130 20.65	0.0700 1.778
MB5621SI VAN:VPM05002	M5621U M5621L	5 Pairs	1-5	2.2827/ 2.2835 57.981/ 58.001	2.4279/ 2.4284 61.669/ 61.681	0.8264 20.99	0.0717 1.821
TW1006AM STD <i>Under Development</i> OEM:77 01 474 972 VAN:VPW02001A	W1006	1 Pair		2.4902/ 2.5000 63.251/ 63.500	0.0925/ 3.1024 2.350/ 78.801	0.0000 0.00	0.0925 2.350
29	N7U L5 149CI /2.5Liter, DOHC, 20 Valves, Gasoline	07/1996-12/2000	2435 cc	83.00 X 90.00	5 cyl		29
CR 509AM STD/.25/.5/.75 CLE:CB-1825P(5) FMO:5-4535P GLY:71-3754/5	C6700	5 Pairs		1.9679/ 1.9685 49.985/ 50.000	2.0866/ 2.0871 53.000/ 53.012	0.7677 19.50	0.0589 1.496
MB 612AM STD/.25/.5/.75/1.0/1.25 CLE:MS-2230AL FMO: 7306M GLY:H 046/6	M7023U M7023L F7023U F7023L	5 Pairs 1 Pair		2.5585/ 2.5591 64.986/ 65.001 2.5585/ 2.5591 64.986/ 65.001	2.7165/ 2.7171 68.999/ 69.014 2.7165/ 2.7171 68.999/ 69.014	0.7717 19.60 1.0189 25.88	0.0785 1.994 0.0787 1.999
30	S8U 730 L4 149CI /2.5Liter, SOHC/OHC, 8 Valves, Diesel	03/1980-03/2001	2445 cc	93.00 X 90.00	4 cyl	B70, Master B90-35D, Master Propulsion PD30,PD35D, Master Traction T28D,T30D,T35D, P1000d Propulsion Pa,5,8, Trafic 2.5L	30
	8140.61.240 L4 149CI /2.5Liter, SOHC/OHC, 8 Valves, Diesel	03/1980-03/2001	2445 cc	93.00 X 90.00	4 cyl	Master B70, Master P30 D,P354 D, Master Traction T28,30,35, Trafic Propulsion PA,P5,8	
CR4073CP STD/010/020/030/040/050/060 <i>Central oil hole - 1982</i> CLE:CB-1149P(4) FMO:4-66575CP GLA:B4721LB GLY:71-4185/4 K.S:77 155 600 OEM:1901926 VAN:VPR91914	C4073U C4160L	4 Pairs		2.2252/ 2.2258 56.520/ 56.535	2.3753/ 2.3758 60.333/ 60.345	0.9724 24.70	0.0743 1.887
CR4083CP STD/010/020/030/040 <i>Plain halves 1982 -</i> CLE:CB-1163P(4) FMO:4-1870CP	C4083U C4161L	4 Pairs		2.2252/ 2.2258 56.520/ 56.535	2.3753/ 2.3758 60.333/ 60.345	0.9724 24.70	0.0743 1.887

RENAULT					RENAULT				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
GLA:B4122LB VAN:VPR91915	GLY: 71-4310/4								
MB5122CP STD/010/020/030/040 CLE:MS-1451P FMO:6564M GLA:M5389LB GLY:H1049/5 K.S:77 154 600 VAN:VPM91664	M5122U M5122L	4 Pairs	1-2-3-4	2.9995/ 3.0000 76.187/ 76.200	3.1727/ 3.1735 80.587/ 80.607	0.9843 25.00	0.0860 2.184		
	F5122U F5122L	1 Pair	5	2.9995/ 3.0000 76.187/ 76.200	3.1727/ 3.1735 80.587/ 80.607	1.2578 31.95	0.0860 2.184		
31	Z7V V6 163CI /2.7Liter, SOHC/OHC, 12 Valves, Gasoline	04/1984-12/1993	2664 cc	88.00 X 73.00	6 cyl	R30 TS,(R1273), (R1275)		31	
	112 V6 163CI /2.5Liter, SOHC/OHC, 12 Valves, Gasoline	02/1975-03/1986	2664 cc	88.00 X 73.00	6 cyl	R25, Automatic, Limousine, R30 TX			
	Z7W 700 V6 174CI /2.9Liter, SOHC/OHC, 12 Valves, Gasoline	04/1984-12/1993	2849 cc	91.00 X 73.00	6 cyl	25 V6 Injection			
	Z7W 713 V6 174CI /2.9Liter, SOHC/OHC, 12 Valves, Gasoline	01/1991-12/1996	2849 cc	91.00 X 73.00	6 cyl	25 V6 Injection			
	Z7X 760 V6 181CI /2.9Liter, SOHC/OHC, 12 Valves, Gasoline	04/1992-10/2002	2963 cc	93.00 X 72.70	6 cyl	ALPINE, ESPACE, LAGUNA, R25, SAFRANE			
CR6708AM <i>Under Development</i> CLE:CB-1186AL(6) FMO:6-66310RA GLA:B6515SA NDC:CB-1427 ~ VAN:VPR91536A	C6708*	6 Pairs		2.0578/ 2.0585 52.268/ 52.286	2.2047/ 2.2055 55.999/ 56.020	0.6949 17.65	0.0728 1.849		
CR6709CP <i>Under Development</i> GLY: 71-3733/6 VAN:VPR06030	C6709*	6 Pairs		2.3611/ 2.3618 59.972/ 59.990	2.5080/ 2.5088 63.703/ 63.724	0.6976 17.72	0.0727 1.847		
MB4035AM <i>Under Development</i> CLE:MS-1394AL FMO:6443M GLA:M4251SA GLY:H1041/4 VAN:VPM91537A	M4035U* M4035L*	4 Pairs	1-4	2.7576/ 2.7583 70.043/ 70.061	2.9134/ 2.9141 74.000/ 74.018	0.9240 23.47	0.0774 1.966		
TW 297AM <i>Under Development</i> FMO:66311BF VAN:VPW95039	W 297D W297E	2 Pairs		2.9528/ 2.9626 75.001/ 75.250	3.5138/ 3.5236 89.251/ 89.499	0.0000 0.00	0.0925 2.350		

Engine Index: ROVER

Engine-Code	Years	Cyl	CC	Line
K SERIES K8		4	1120	2
EV		4	1342	1
K SERIES K8		4	1396	2
K SERIES K160(DOHC) Injection		4	1396	2
S SERIES O.H.C Carburettor		4	1598	3
18K19 DOHC		4	1796	4
P6		4	1980	6
P6		6	1980	6
820 SERIES16V Injection		4	1994	5
820 SPi/MPi DOHC		4	1994	5

Engine-Code	Years	Cyl	CC	Line
O SERIES Turbocharged		4	1994	5
O SERIES O.H.C Carb./Fuel		4	1994	5
2205		4	2205	6
2205	01/73-	4	2205	7
2250		4	2250	8
PE 146		6	2350	9
PE 166		6	2597	9
2995		6	2995	9
SD1 V8		8	3528	10
SD1 V8		8	3528	10

Car Model Index: ROVER

Model	Engine	Years	Cyl	CC	Line
2000,2000SC,2000TC	P6	1964-73	4	1980	6

Model	Engine	Years	Cyl	CC	Line
2000TC	P6	1966-73	6	1980	6

Model	Engine	Years	Cyl	CC	Line
213,S,SE,Vanden Plas	EV	1984-	4	1342	1
214 Si, SLi, GSi	K SERIES	1989-	4	1396	2
216 S, SE	S SERIES O.H.C		4	1598	3
2200SC (Series 2000)	2205		4	2205	7
2200SC,2200TC	2205	1973-77	4	2205	6
2300,2300S	PE 146	1977-	6	2350	9
2600,2600S	PE 166	1977-	6	2597	9
3.5 liter Coupe, Saloon	SD1 V8	1967-73	8	3528	10
3500,3500S	SD1 V8	1974-77	8	3528	10
3500,3500S	SD1 V8	1968-73	8	3528	10
414 Si, SLi	K SERIES	1990-	4	1396	2
820e/Se	820 SPI/MPi DOHC	1993-	4	1994	5
820i, 820SLi, Fastback	820 SERIES16V	1991-	4	1994	5
820i/Si	820 SPI/MPi DOHC	1993-	4	1994	5
Ambassador 2.0HL,	O SERIES O.H.C	1982-84	4	1994	5
Litre Mk	2995	1959-67	6	2995	9

Model	Engine	Years	Cyl	CC	Line
Maestro 2.0 Turbo	O SERIES	1984-	4	1994	5
Maestro 2.0 Turbo	O SERIES	1989-	4	1994	5
Metro 1.1C, 1.1L, 1.1S	K SERIES K8	1990-	4	1120	2
Metro 1.4SL, GS, GTA	K SERIES K8	1990-	4	1396	2
Metro GTi	K SERIES	1990-	4	1396	2
Montego 2.0 HL,HLS	O SERIES O.H.C	1984-	4	1994	5
Montego 2.0 Si,GTi,GSi,	O SERIES O.H.C	1984-	4	1994	5
Montego 2.0 Turbo	O SERIES	1984-	4	1994	5
Montego 2.0 Turbo	O SERIES	1989-	4	1994	5
Montego 2.0 Vanden	O SERIES O.H.C	1984-85	4	1994	5
New Rover 80	2250	1961-	4	2250	8
Princess 2000 HL,HLS	O SERIES O.H.C	1978-82	4	1994	5
SD1 3500,S,SE,	SD1 V8	1977-	8	3528	10
SD1 3500,S,SE,	SD1 V8	1977-	8	3528	10

ROVER				ROVER											
King Set No.		Part No.		Qty.		Position		Crankshaft Diameter		Housing Diameter		Length		Wall Thickness	
1	EV			1342 cc	74.00 X 78.00	4 cyl		213,S,SE,Vanden Plas							1
MB5168AM STD/.25/.5/.75/1.0/1.25/1.5 Was MB 570AM, MB 573AM ACL:5M1952 CLE:MS-2012P DAI:M9950K FMO:7103M GLA:M5555LC NDC:MS-2213GP OEM:13325-PTO-004 OEM:13321-13327-PC6-003VAN:VPM92642LC		M5168	5 Pairs			1.9676/ 1.9685 49.977/ 50.000	2.1260/ 2.1269 54.000/ 54.023		0.7870 19.99		0.0787 1.999				
TW 110AM STD ACL:1T1952 CLE:TW- 327S DAI:T9800A FMO:67341AF GLA:W2287SA GLY:67341AF NDC:TW-1134GP OEM:13331-634-003 OEM:13014-PD1-S10 VAN:VPM95080		W 110	1 Pair			2.2047/ 2.2146 55.999/ 56.251	3.0709/ 3.0807 78.001/ 78.250		0.0000 0.00		0.0984 2.499				
2	K SERIES K8			1120 cc	75.00 X 63.00	4 cyl		Metro 1.1C, 1.1L, 1.1S						2	
	K SERIES K8			1396 cc	75.00 X 79.00	4 cyl		Metro 1.4SL, GS, GTA							
	K SERIES K160(DOHC) Injection			1396 cc	75.00 X 79.00	4 cyl		214 Si, SLi, GSi, 414 Si, SLi, Metro GTi							
CR4152AM STD/010/020 FMO:4-4130RA GLA:B4748 GLY:01-4147/4 VAN:VPR92608A		C4152	4 Pairs			1.6929/ 1.6932 43.000/ 43.007	1.8372/ 1.8381 46.665/ 46.688		0.8508 21.61		0.0718 1.824				
MB5012AM STD/.25/.5 Version 1: position 3 - upper half (M5011U) with centre locating lug. Version 2 (cylinder block): position 3 - upper half (M5012) with off set locating lug. FMO: 7192M GLA:M5603/M5545SA VAN:VPM92838 /92607		M5011U M5011L	3 Pairs	2,3,4		1.8895/ 1.8898 47.993/ 48.001	2.0307/ 2.0315 51.580/ 51.600		0.6870 17.45		0.0704 1.788				
		M5011L	2 Pairs	1,5		1.8895/ 1.8898 47.993/ 48.001	2.0307/ 2.0315 51.580/ 51.600		0.6870 17.45		0.0704 1.788				
		M5012	1 Half	(3)		1.8895/ 1.8898 47.993/ 48.001	2.0307/ 2.0315 51.580/ 51.600		0.6870 17.45		0.0704 1.788				
3	S SERIES O.H.C Carburettor			1598 cc	76.20 X 87.60	4 cyl		216 S, SE					3		
CR4011AM STD/010/020/030/040/060 CLE:CB-1010AL(4) GLA:B4500SA VAN:VPR91427A		C4011	4 Pairs			1.8759/ 1.8764 47.648/ 47.661	2.0210/ 2.0215 51.333/ 51.346		0.6650 16.89		0.0718 1.824				
MB5552AM STD/010/020/030/040 CLE:MS-1360AL GLA:M5309SA VAN:VPM91517A		M5552/1	4 Pairs	1-2-3-5		2.2515/ 2.2520 57.188/ 57.201	2.3950/ 2.3955 60.833/ 60.846		0.8210 20.85		0.0710 1.803				
		M5552/4	1 Pair	4		2.2515/ 2.2520 57.188/ 57.201	2.3950/ 2.3955 60.833/ 60.846		0.8210 20.85		0.0700 1.778				
4	18K19 DOHC			1796 cc	80.00 X 89.30	4 cyl							4		
CR4208Si STD/.25/.50/.75		C4208	4 Pairs			1.8892/ 1.8900	2.0338/ 2.0348		0.7200		0.0718				

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CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

ROVER					ROVER			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
SUPERSEDED BY CR4208SI					47.986/ 48.006	51.659/ 51.684	18.29	1.824
GLY:01-4039/4								
MB5012AM STD/25/5 FMO: 7192M GLA:M5603/M5545SA VAN:VPM92838 /92607	M5011U	3 Pairs	2,3,4	1.8895/ 1.8898 47.993/ 48.001	2.0307/ 2.0315 51.580/ 51.600	0.6870 17.45	0.0704 1.788	
	M5011L	2 Pairs	1,5	1.8895/ 1.8898 47.993/ 48.001	2.0307/ 2.0315 51.580/ 51.600	0.6870 17.45	0.0704 1.788	
	M5012	1 Half	(3)	1.8895/ 1.8898 47.993/ 48.001	2.0307/ 2.0315 51.580/ 51.600	0.6870 17.45	0.0704 1.788	
5	O SERIES O.H.C Carb./Fuel Injec		1994 cc	84.44 X 89.00	4 cyl	Ambassador 2.0HL, HLS Vanden, Montego 2.0 HL,HLS, Montego 2.0 Si,GTi,GSi, Vanden, Montego 2.0 Vanden Plas, Princess 2000 HL,HLS	5	
	O SERIES Turbocharged		1994 cc	84.44 X 89.00	4 cyl	Maestro 2.0 Turbo, Maestro 2.0 Turbo, Montego 2.0 Turbo		
	820 SERIES16V Injection		1994 cc	84.45 X 89.00	4 cyl	820i, 820SLi, Fastback		
	820 SPi/MPi DOHC		1994 cc	84.45 X 89.00	4 cyl	820e/Se, 820i/Si		
CR4064AM STD/010/020 CLE:CB-1345AL(4) GLA:B4584SA GLY:4-8180RA VAN:VPR91772A	C4064	4 Pairs		1.8759/ 1.8764 47.648/ 47.661	2.0210/ 2.0215 51.333/ 51.346	0.7850 19.94	0.0716 1.819	
MB5594AM STD/010/020/030 CLE:MS-1655AL GLA:M5361SA GLY:H1150/5 VAN:VPM91773A	M5594/1	3 Pairs	1-3-5	2.1265/ 2.1270 54.013/ 54.026	2.2710/ 2.2715 57.683/ 57.696	1.1300 28.70	0.0716 1.819	
	M5594/2	2 Pairs	2-4	2.1265/ 2.1270 54.013/ 54.026	2.2710/ 2.2715 57.683/ 57.696	0.7701 19.56	0.0716 1.819	
TW 216AM .25 ACL:2T2252 CLE:TW- 144S FMO:65077BF GLA:W2115SA GLY:A233/4 VAN:VPW77	W 216D W 216E	2 Pairs		2.3400/ 2.3500 59.436/ 59.690	2.9330/ 2.9430 74.498/ 74.752	0.0000 0.00	0.0930 2.362	
6	P6		1980 cc	85.73 X 85.73	4 cyl	2000,2000SC,2000TC	6	
	P6		1980 cc	85.73 X 85.73	6 cyl	2000TC		
	2205		2205 cc	90.50 X 85.73	4 cyl	2200SC,2200TC		
PB 128CP GLA:S4575L								
TW 186AM ACL:1T2692 CLE:TW- 186S FMO:65192BF GLA:W2087SA GLY:A204/2 VAN:VPW43	W0186	1 Pair		2.7850/ 2.7950 70.739/ 70.993	3.3700/ 3.3800 85.598/ 85.852	0.0000 0.00	0.0920 2.337	
7	2205	01/73-01/77	2205 cc	90.50 X 85.72	4 cyl	2200SC (Series 2000)	7	
CR4284AM GLA:B4434SA VAN:VPR91116A	C4284	4 Pairs		2.0005/ 2.0010 50.813/ 50.825	2.1460/ 2.1465 54.508/ 54.521	0.6811 17.30	0.0720 1.829	
MB5307AM <i>Under Development</i> 40037001 - GLA:M5246SA VAN:VPM91206A	M5307U* M5307L*	5 Pairs		2.5000/ 2.5005 63.500/ 63.513	2.6655/ 2.6660 67.704/ 67.716	0.9311 23.65	0.0819 2.080	
8	2250		2250 cc	76.20 X 82.55	4 cyl	New Rover 80	8	
CR4401AM STD/010/020/030/040/050/060 ACL:4B2691 CLE:CB- 864P(4) FMO:4-65190CP GLA:B4324SA GLY:01-4174/4 VAN:VPR91101A	C4401	4 Pairs		2.3120/ 2.3127 58.725/ 58.743	2.4580/ 2.4585 62.433/ 62.446	0.9870 25.07	0.0722 1.834	
CR4401CP 010/020/030/040 GLA:B4324LC VAN:VPR91101								
CS 411BB GLA:C4044S GLY:N165/4 VAN:VPC94000								
MB 344AM STD/010/020/030/040/050/060 <i>For engines with 3 bearing crankshafts</i> ACL:3M2692 CLE:MS- 46AL	M 344/1	2 Pairs		2.4995/ 2.5000 63.487/ 63.500	2.6655/ 2.6660 67.704/ 67.716	1.0070 25.58	0.0826 2.098	

ROVER				ROVER				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
FMO:6061M GLY:H1136/3	GLA:M3275SA VAN:VPM91102A	M 344/3W M 344/3Y	1 Pair	3	2.4995/ 2.5000 63.487/ 63.500	2.6655/ 2.6660 67.704/ 67.716	1.5700 39.88	0.0826 2.098
MB 344CP STD/010/020/030/040								
GLA:M3275LC VAN:VPM91102								
PB 128CP								
GLA:S4575L								
TW 186AM								
ACL:1T2692 FMO:65192BF GLY:A204/2	CLE:TW- 186S GLA:W2087SA VAN:VPW43	W0186	1 Pair		2.7850/ 2.7950 70.739/ 70.993	3.3700/ 3.3800 85.598/ 85.852	0.0000 0.00	0.0920 2.337
9	PE 146		2350 cc	81.00 X 76.00	6 cyl	2300,2300S		9
	PE 166		2597 cc	81.00 X 84.00	6 cyl	2600,2600S		
	2995		2995 cc		6 cyl	Litre Mk I,II,III,Saloon,Coupe		
CR 613AM								
GLA:B6522LC VAN:VPR91761		C 613	6 Pairs		1.9880/ 1.9885 50.495/ 50.508	2.1140/ 2.1145 53.696/ 53.708	0.7000 17.78	0.0620 1.575
MB 415AM								
GLA:M4252LC VAN:VPM91762		M 415	4 Pairs		2.7705/ 2.7710 70.371/ 70.383	2.9170/ 2.9175 74.092/ 74.105	0.9140 23.22	0.0720 1.829
10	SD1 V8		3528 cc	88.86 X 71.11	8 cyl	3500,3500S, SD1 3500,S,SE, Vanden Plas		10
	SD1 V8		3528 cc	88.86 X 71.11	8 cyl	3.5 liter Coupe, Saloon, 3500,3500S, SD1 3500,S,SE, Vanden Plas		
CR8006AM STD/010/020/030/040/050/060								
OEM:RTC2117G VAN:VPR91242		C8006	8 Pairs		1.9995/ 2.0005 50.787/ 50.813	2.1247/ 2.1252 53.967/ 53.980	0.7020 17.83	0.0620 1.575
CS 513BB								
VAN:VPC94022								
MB 589AM STD/010/020/030/040								
ACL:5M2217 FMO:4096M GLY:H1189/5	CLE:MS- 558AL GLA:M5260SA	M 589U M 589L	4 Pairs	1-2-4-5	2.2983/ 2.2993 58.377/ 58.402	2.4906/ 2.4916 63.261/ 63.287	0.8070 20.50	0.0955 2.426
		F 589U F 589L	1 Pair	3	2.2987/ 2.2997 58.387/ 58.412	2.4906/ 2.4916 63.261/ 63.287	1.0580 26.87	0.0955 2.426

Engine Index: RUGGERINI

Engine-Code	Years	Cyl	CC	Line
MC70/MC71 D Diesel		1	377	1
RF80/81/88/89 Diesel		1	377	1
RM80 Diesel Marine		1	377	1
RF90/RF91 D Diesel		1	477	1
RDK901/RDM901 Diesel		1	540	2
RF120/RF129 Diesel		1	540	2
RW120/RW128 Diesel		1	540	2
RF130 Diesel		1	565	2
RF140/RF148 Diesel		1	602	2
CRD100,CRD100P Diesel		1	746	3
RD180/181/188 Diesel		2	754	4

Engine-Code	Years	Cyl	CC	Line
RD200/201/208 Diesel		2	851	4
RD210,211,218 Diesel		2	954	4
RD220/RDK901/2 Diesel		2	1081	4
RD901/2 Diesel		2	1081	4
RD270/71/78,952 Diesel		2	1130	4
RD92/2,FD92/2L Diesel		2	1130	4
CRD951/2,/2L Diesel		2	1346	5
RP320/328 Diesel		2	1492	5
RP360/368/380 Diesel		2	1732	5
RW380/388 Diesel		2	1732	5

Car Model Index: RUGGERINI

Model	Engine	Years	Cyl	CC	Line

RUGGERINI				RUGGERINI			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	MC70/MC71 D Diesel		377 cc	80.00 X 75.00	1 cyl		1
	RF80/81/88/89 Diesel		377 cc	80.00 X 75.00	1 cyl		
	RM80 Diesel Marine		377 cc	80.00 X 75.00	1 cyl		
	RF90/RF91 D Diesel		477 cc	90.00 X 75.00	1 cyl		
CR1206AM CLE:CB-1415AL(1) FMO:1-66485RA GLA:B1146SA OEM:316-61 VAN:VPR92268	C1206	1 Pair		1.5746/ 1.5752 39.995/ 40.010	1.7188/ 1.7193 43.658/ 43.670	0.9600 24.38	0.0715 1.816
2	RW120/RW128 Diesel		540 cc	90.00 X 85.00	1 cyl		2
	RF120/RF129 Diesel		540 cc	90.00 X 85.00	1 cyl		
	RDK901/RDM901 Diesel Marine		540 cc	90.00 X 85.00	1 cyl		
	RF130 Diesel		565 cc	92.00 X 85.00	1 cyl		
	RF140/RF148 Diesel		602 cc	95.00 X 85.00	1 cyl		
CR1207AMSTD/.25/.5/.75/1.0 CLE:CB-1414AL(1) FMO:1-66355RA GLA:B1145SA OEM:316-36 VAN:VPR92269	C1207	1 Pair		1.7710/ 1.7717 44.983/ 45.001	1.8898/ 1.8904 48.001/ 48.016	0.9449 24.00	0.0585 1.486
MB1132AM.25/.5/.75/1.0 FMO:66362RA VAN:VPM92274	M1132	1 Pair		2.3119/ 2.3127 58.722/ 58.743	2.4567/ 2.4575 62.400/ 62.421	1.4173 36.00	0.0710 1.803
3	CRD100,CRD100P Diesel		746 cc	100.00 X 95.00	1 cyl		3
CR 180AMSTD/.25/.5/.75/1.0 CLE:CB-1416AL(1) FMO: 66360RA VAN:VPR92270A	C 180	1 Pair		2.3119/ 2.3127 58.722/ 58.743	2.4567/ 2.4575 62.400/ 62.421	0.9730 24.71	0.0717 1.821
4	RD180/181/188 Diesel		754 cc	80.00 X 75.00	2 cyl		4
	RD200/201/208 Diesel		851 cc	85.00 X 75.00	2 cyl		
	RD210,211,218 Diesel		954 cc	90.00 X 75.00	2 cyl		
	RD220/RDK901/2 Diesel		1081 cc	90.00 X 85.00	2 cyl		
	RD901/2 Diesel		1081 cc	90.00 X 85.00	2 cyl		
	RD92/2,RD92/2I Diesel		1130 cc	92.00 X 85.00	2 cyl		
	RD270/71/78,952 Diesel		1130 cc	92.00 X 85.00	2 cyl		
CR1207AMSTD/.25/.5/.75/1.0 CLE:CB-1414AL(1) FMO:1-66355RA GLA:B1145SA OEM:316-36 VAN:VPR92269	C1207	1 Pair		1.7710/ 1.7717 44.983/ 45.001	1.8898/ 1.8904 48.001/ 48.016	0.9449 24.00	0.0585 1.486
MB 378AM CLE:MS-1660AL FMO:66357RA(3) GLA:M3449SA VAN:VPM92275A	M 378	3 Pairs		1.7719/ 1.7722 45.006/ 45.014	1.8884/ 1.8892 47.965/ 47.986	0.9496 24.12	0.0580 1.473
5	CRD951/2,/2L Diesel		1346 cc	95.00 X 95.00	2 cyl		5
	RP320/328 Diesel		1492 cc	100.00 X 95.00	2 cyl		
	RP360/368/380 Diesel		1732 cc	105.00 X 100.00	2 cyl		
	RW380/388 Diesel		1732 cc	105.00 X 100.00	2 cyl		
CR 180AMSTD/.25/.5/.75/1.0 CLE:CB-1416AL(1) FMO: 66360RA VAN:VPR92270A	C 180	1 Pair		2.3119/ 2.3127 58.722/ 58.743	2.4567/ 2.4575 62.400/ 62.421	0.9730 24.71	0.0717 1.821
MB1132AM.25/.5/.75/1.0 FMO:66362RA VAN:VPM92274	M1132	1 Pair		2.3119/ 2.3127 58.722/ 58.743	2.4567/ 2.4575 62.400/ 62.421	1.4173 36.00	0.0710 1.803

Engine Index: SAAB

Engine-Code	Years	Cyl	CC	Line
EV 17L		4	1699	1
P5S MARATHON V4		4	1699	1
P104S		4	1709	2
PE104 S		4	1854	2
B20,B20E Carburettor & Fuel		4	1985	3
B202 Normally Aspirated & Turbo		4	1985	3
BZ20 Turbocharged		4	1985	3

Engine-Code	Years	Cyl	CC	Line
B202i	01.1989	4	1985	4
B204i		4	1985	4
B204L	07.1993	4	1985	4
B234E	01.1994	4	2290	4
B234i	01.1991	4	2290	4
254 LL8 Vortec DOHC 24 Valve	2005-	6	4200	5

Car Model Index: SAAB

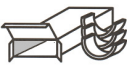







Model	Engine	Years	Cyl	CC	Line
1	B234i		4	2290	4
9-3 (YS3D) 2.0 TURBO	B204L	02.1998-	4	1985	4
9-3 (YS3D) 2.0 i	B204i	02.1998-	4	1985	4
9-3 (YS3D) 2.3 i	B234i	02.1998-	4	2290	4
9-3 CABRIOLET	B204L	02.1998-	4	1985	4
9-3 CABRIOLET	B204i	02.1998-	4	1985	4
9-3 CABRIOLET	B234i	02.1998-	4	2290	4
900 I COMBI COUPE	B202i	01.1989-	4	1985	4
900 I CONVERTIBLE	B202i	01.1990-	4	1985	4
900 II 2.0 i	B204i	08.1994-	4	1985	4
900 II 2.0-16 TURBO	B204L	09.1993-	4	1985	4
900 II 2.3-16	B234i	07.1993-	4	2290	4
900 II CONVERTIBLE	B204i	12.1993-	4	1985	4
900 II CONVERTIBLE	B204L	12.1993-	4	1985	4
900 II CONVERTIBLE	B234i	12.1993-	4	2290	4
900 II COUPE 2.0-16	B204L	12.1993-	4	1985	4
900 II COUPE 2.0i	B204i	08.1994-	4	1985	4
900 II COUPE 2.3-16	B234i	12.1993-	4	2290	4
9000 2.0-16 CD	B204i	09.1993-	4	1985	4
9000 2.0-16 SALOON	B202i	01.1989-	4	1985	4
9000 2.3-16 CD	B234i	08.1989-	4	2290	4

Model	Engine	Years	Cyl	CC	Line
9000 2.3-16 CDE ECO-	B234E	09.1993-	4	2290	4
9000 2.3-16 CDE	B234i	09.1993-	4	2290	4
9000 HATCHBACK 2.0-	B202i	01.1989-	4	1985	4
9000 HATCHBACK 2.0-	B204i	09.1993-	4	1985	4
9000 HATCHBACK 2.3-	B234i	09.1989-	4	2290	4
9000 HATCHBACK 2.3-	B234E	09.1993-	4	2290	4
9000 HATCHBACK 2.3-	B234i	09.1993-	4	2290	4
9000 Series	B202 Normally		4	1985	3
9000i 16V	B202 Normally		4	1985	3
9000i Turbo	B202 Normally		4	1985	3
900EMS,GLE, Combi	B20,B20E	1979-	4	1985	3
900GL	B20,B20E	1974-	4	1985	3
97 Sonett V4	P5S MARATHON	1973-74	4	1699	1
99 Turbo900 Turbo	BZ20	1978-	4	1985	3
99,99L	PE104 S	1971-72	4	1854	2
99EMS,E,GLE,Combi	B20,B20E	1972-74	4	1985	3
99L,GL,Combi Coupe	B20,B20E	1974-	4	1985	3
Saab 99	P104S	1968-70	4	1709	2
Truck 9-7X	254 LL8 Vortec	2005-	6	4200	5

SAAB				SAAB			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	P5S MARATHON V4	1699 cc	90.00 X 66.80	4 cyl	97 Sonett V4		1
	EV 17L	1699 cc	90.00 X 66.80	4 cyl			
CR 432Si STD/010/020/030/040/050/060 CLE:CB- 723AL(4) FMO:4-3055CP GLA:B4451SA GLY:71-2185/4- K.S:87 280 600 VAN:VPR91069	C 642	4 Pairs		2.1252/ 2.1260 53.980/ 54.000	2.2370/ 2.2378 56.820/ 56.840	0.6490 16.48	0.0552 1.402
CS 311BB CLE:SH- 590S GLA:C3059S							
MB 332Si STD/010/020/030/040/050/060 <i>FI STD length in all undersizes.</i> FMO:6100M GLY:H 816/3 K.S:87 287 600	M4023U	2 Pairs	1-3	2.2433/ 2.2441 56.980/ 57.000	2.3866/ 2.3874 60.620/ 60.640	0.8500 21.59	0.0710 1.803
	F4023U	1 Pair	2	2.2433/ 0.2441 56.980/ 6.200	2.3866/ 2.3874 60.620/ 60.640	1.0350 26.29	0.0710 1.803
MB 333AM <i>Includes Flanged Bearing</i>	M4023U	2 Pairs	1-3	2.2433/ 2.2441 56.980/ 57.000	2.3866/ 2.3874 60.620/ 60.640	0.8500 21.59	0.0710 1.803

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CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

SAAB				SAAB			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
Flange length: STD - 26.29mm (FI STD) .010 .020 030 - 26.54mm (FI oversize .010) .040 .050 .060 - 26.79mm (FI oversize .020) CLE:MS- 798AL GLA:M3350SA VAN:VPM91234A							
2	P104S		1709 cc	83.49 X 77.98	4 cyl	Saab 99	2
	PE104 S		1854 cc	86.99 X 77.99	4 cyl	99,99L	
CR4465AM STD/010/020/030/040/060 ACL:4B2556 CLE:CB-1015AL(4) FMO:4-66670RA GLA:B4490SA VAN:VPR91307	C4465	4 Pairs		1.7500/ 1.7505 44.450/ 44.463	1.8955/ 1.8960 48.146/ 48.158	0.7450 18.92	0.0721 1.831
MB 575AM STD/010/020/030/040 ACL:5M2557 CLE:MS-1155AL FMO:6592M GLA:M5267SA VAN:VPM91308	M5567/1	5 Pairs		2.1255/ 2.1260 53.988/ 54.000	2.2710/ 2.2715 57.683/ 57.696	0.8150 20.70	0.0718 1.824
TW 117AM CLE:TW- 241S FMO:66671AF GLA:W2182SA VAN:VPW24							
3	B20,B20E Carburettor & Fuel Injection		1985 cc	90.00 X 78.00	4 cyl	900EMS,GLE, Combi Coupe, 900GL, 99EMS,E,GLE,Combi Coupe, 99L,GL,Combi Coupe	3
	BZ20 Turbocharged		1985 cc	90.00 X 78.00	4 cyl	99 Turbo900 Turbo	
	B202 Normally Aspirated & Turbo		1985 cc	90.00 X 78.00	4 cyl	9000 Series, 9000i 16V, 9000i Turbo	
CR4003AM STD/.25 ACL:4B9023 CLE:~CB-1191P(4) FMO:~4-1470CP GLA:~B4555LC GLY:71-3507/4 K.S:87 259 600 VAN:VPR91474	C4003	4 Pairs		2.0465/ 2.0472 51.981/ 51.999	2.2047/ 2.2055 55.999/ 56.020	0.7970 20.24	0.0783 1.989
MB5553AM .25/.5/.75/1.0/1.25/1.5 SUPERSEDED BY MB5553AM ACL:5M9144 CLE:MS-1407P FMO:7031M GLA:M5326LC GLY:H976/5 K.S:87 260 600 VAN:VPM91475	M5553	5 Pairs		2.2829/ 2.2835 57.986/ 58.001	2.4409/ 2.4417 61.999/ 62.019	0.8400 21.34	0.0780 1.981
4	B202I	01.1989	1985 cc	90.00 X 78.00	4 cyl	900 I COMBI COUPE 2.0-16, 900 I CONVERTIBLE 2.0-16, 9000 2.0-16 SALOON, 9000 HATCHBACK 2.0-16 CS	4
	B204I		1985 cc	90.00 X 78.00	4 cyl	9-3 (YS3D) 2.0 i HATCHBACK, 9-3 CABRIOLET (YS3D) 2.0i, 900 II 2.0 i HATCHBACK, 900 II CONVERTIBLE 2.0 i, 900 II COUPE 2.0i, 9000 2.0-16 CD SALOON, 9000 HATCHBACK 2.0-16 CS	
	B204L	07.1993	1985 cc	90.00 X 78.00	4 cyl	9-3 (YS3D) 2.0 TURBO HATCHBACK, 9-3 CABRIOLET (YS3D) 2.0 TURBO, 900 II 2.0-16 TURBO, 900 II CONVERTIBLE 2.0-13, 900 II COUPE 2.0-16 TURBO	
	B234E	01.1994	2290 cc	90.00 X 90.00	4 cyl	9000 2.3-16 CDE ECO-POWER, 9000 HATCHBACK 2.3-16 CSE	
	B234I	01.1991	2290 cc	90.00 X 90.00	4 cyl	1, 9-3 (YS3D) 2.3 i HATCHBACK, 9-3 CABRIOLET (YS3D) 2.3 i, 900 II 2.3-16 HATCHBACK,	

SAAB				SAAB			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
							900 II CONVERTIBLE 2.3-16, 900 II COUPE 2.3-16, 9000 2.3-16 CD SALOON, 9000 2.3-16 CDE SALOON, 9000 HATCHBACK 2.3-16 CS, 9000 HATCHBACK 2.3-16 CSE
CR4003CP STD/.25/.5/.75 CLE:CB-1191P(4) FMO:4-1470CP GLA:B4555LC	C4003	4 Pairs		2.0465/ 2.0472 51.981/ 51.999	2.2047/ 2.2055 55.999/ 56.020	0.7970 20.24	0.0783 1.989
MB5654CP STD/.25/.5/.75 GLY:H 038/5 VAN:VPM04016	M5654	5 Pairs	1-5	2.2827/ 2.2835 57.981/ 58.001	2.4409/ 2.4417 61.999/ 62.019	0.8465 21.50	0.0783 1.989
5	254 LL8 Vortec DOHC 24 Valve	2005-2007	4200 cc	93.00 X 102.00	6 cyl	Truck 9-7X	5
CR6833SI STD/010/020/030 ACL:6B2290A CLE:CB-1811P(6)	C4529	6 Pairs		2.2319/ 2.2325 56.690/ 56.706	2.3749/ 2.3755 60.322/ 60.338	0.8110 20.60	0.0711 1.806

Engine Index: SAME

Engine-Code	Years	Cyl	CC	Line
1000.3A 3AT D Diesel		3	3000	1
1053P Diesel		3	3117	1
1000.4A, 4A1 D Diesel		4	4000	1

Engine-Code	Years	Cyl	CC	Line
1000.4AT,4ATI D Diesel		4	4000	1

Car Model Index: SAME

Model	Engine	Years	Cyl	CC	Line
Antares 100 Turbo Jnt	1000.4AT,4ATI D		4	4000	1
Aster 60	1000.3A 3AT D		3	3000	1
Aster 70 Turbo	1000.3A 3AT D		3	3000	1
Explorer 60 sp,60 II	1000.3A 3AT D		3	3000	1
Explorer 70 sp,70c,70II	1000.4A, 4A1 D		4	4000	1
Explorer 80 II	1000.4A, 4A1 D		4	4000	1
Explorer 80 c ergonomic	1000.4A, 4A1 D		4	4000	1
Explorer 80 sp	1000.4A, 4A1 D		4	4000	1

Model	Engine	Years	Cyl	CC	Line
Explorer 80 special	1000.4A, 4A1 D		4	4000	1
Explorer 90 II Turbo	1000.4AT,4ATI D		4	4000	1
Frutteto 60	1000.3A 3AT D		3	3000	1
Frutteto 75	1000.4A, 4A1 D		4	4000	1
Solar 60, 60C	1053P Diesel		3	3117	1
Vigneron 62	1000.3A 3AT D		3	3000	1
Vigneron 75	1000.4A, 4A1 D		4	4000	1

SAME				SAME			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	1000.3A 3AT D Diesel Normally Aspirated & Turbo			3000 cc	105.00 X 115.50	3 cyl	Aster 60, Aster 70 Turbo, Explorer 60 sp,60 II, Frutteto 60, Vigneron 62
	1053P Diesel			3117 cc	105.00 X 120.00	3 cyl	Solar 60, 60C
	1000.4A, 4A1 D Diesel Normally Aspirated & Turbo			4000 cc	105.00 X 115.50	4 cyl	Explorer 70 sp,70c,70II, Explorer 80 II, Explorer 80 c ergonomic HD, Explorer 80

SAME				SAME			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
				sp, Explorer 80 special basso, Frutteto 75, Vigneron 75			
1000.4AT,4ATI D Diesel Turbocharged & Intercooled				4000 cc	105.00 X 115.50	4 cyl	Antares 100 Turbo Jnt, Explorer 90 II Turbo
CR1295CP STD/.25/.5/.75/1.0/1.25/1.5 GLA:B1144SA GLY:71-4109 VAN:VPR92278A	C1295	1 Pair		2.4992/ 2.5000 63.480/ 63.500	2.6457/ 2.6465 67.201/ 67.221	1.1410 28.98	0.0720 1.829
MB1214CP STD/.25/.5/.75/1.0/1.25/1.5 GLA:M1107SA	M1214U M1214L	1 Pair		2.7555/ 2.7559 69.990/ 70.000	2.9134/ 2.9138 74.000/ 74.011	1.0330 26.24	0.0780 1.981

Engine Index: SCANIA

Engine-Code	Years	Cyl	CC	Line
DN9 01 Diesel Normally		6	8724	1
DN9 Diesel Industrial		6	8724	1
DS9 01/02/04 D Diesel		6	8724	1
DS9 05/06/08 D Diesel		6	8724	1
DS9 Diesel Industrial		6	8724	1
DS9-L01/L02 D Diesel		6	8724	1
DS903B01 Diesel Turbocharged		6	8724	1
DS905B01 Diesel Turbocharged		6	8724	1
DSC9 02 Diesel Turbocharged		6	8724	1
DSC9-01L01/L02 Diesel		6	8724	1
D11 Diesel		6	11000	2
D11 Diesel D11-01LB24/26,D11-		6	11000	2
D11-04C01 D Diesel		6	11000	2
D11-06C Diesel		6	11000	2
DS11 Turbo D Diesel		6	11000	2
DS11 Turbo D Diesel		6	11000	2

Engine-Code	Years	Cyl	CC	Line
DS11 Turbo D Diesel		6	11000	2
DS11-11LB01/02 Diesel		6	11000	2
DS11-18LO1/02 Diesel		6	11000	2
DS11-34 Diesel Turbocharged		6	11000	2
DS11-71C/74C01 Diesel		6	11000	2
DS11-71C/74C01 Diesel		6	11000	2
DS11-73 Diesel Turbocharged		6	11000	2
DSC11 Diesel Turbo DSC11-		6	11000	2
DSC11 Diesel Turbo DSC11-		6	11000	2
DSC11-01,L01/02 Diesel		6	11000	2
D14 Diesel V Engine Normally		8	14200	3
DS14 Turbo Diesel DS14-		8	14200	3
DS14-01LB08 D Diesel V Engine		8	14200	3
DSC14 Turbo D Diesel		8	14200	3
DSC14-03/04/06 Diesel		8	14200	3

Car Model Index: SCANIA

Model	Engine	Years	Cyl	CC	Line
BR112DH	D11-04C01 D		6	11000	2
DN9 40 A20/A26	DN9 Diesel		6	8724	1
DN9 41 A20/A26	DN9 Diesel		6	8724	1
DS9 40 A20/A21	DS9 Diesel		6	8724	1
DS9 41 A20/A21	DS9 Diesel		6	8724	1
DS9 46 A20/A21	DS9 Diesel		6	8724	1
DS9 47 A20/A21	DS9 Diesel		6	8724	1
DS9 48 A26	DS9 Diesel		6	8724	1
DS9 49 A26	DS9 Diesel		6	8724	1
DS9 50 A26	DS9 Diesel		6	8724	1
DS9 51 A26	DS9 Diesel		6	8724	1
DS9 52 A20/A21	DS9 Diesel		6	8724	1
DS9 53 A20/A21	DS9 Diesel		6	8724	1
DS9 54 A26	DS9 Diesel		6	8724	1
DS9 55 A26	DS9 Diesel		6	8724	1
DS9 56 A20/A21	DS9 Diesel		6	8724	1
DS9 56 A21	DS9 Diesel		6	8724	1
DS9 57 A20/A21	DS9 Diesel		6	8724	1
DS9 58 A26	DS9 Diesel		6	8724	1
DS9 59 A26	DS9 Diesel		6	8724	1

Model	Engine	Years	Cyl	CC	Line
DS9 60 A21	DS9 Diesel		6	8724	1
G112E,P112E,R112E	DS11 Turbo D	1981-	6	11000	2
G112E,P112E,R112E	DS11-18LO1/02	1981-	6	11000	2
G112E,P112E,R112E	DSC11-01,L01/02	1981-	6	11000	2
G92,P92,R92,G93,P93,	DN9 01 Diesel	1985-	6	8724	1
G92,P92,R92,T92,P93	DSC9 02 Diesel	1985-	6	8724	1
K92CR,K92CL	DS903B01 Diesel	1985-	6	8724	1
K93CRB	DS905B01 Diesel	1987-	6	8724	1
L,LS,LB,LBS,LBT140S,	DS14-01LB08 D	1969-76	8	14200	3
L,LS,LB,LBS,LBT140S,	DS14 Turbo Diesel	1969-76	8	14200	3
L/LB/LS/LB110	D11 Diesel D11-	1973-	6	11000	2
L/LB/LB/LBS/LBT140S,	D14 Diesel V	1969-76	8	14200	3
L/LB/LB/LBS110 Series	D11 Diesel	1967-73	6	11000	2
L140,BR145	D14 Diesel V	1972-	8	14200	3
L76,B76,CF76,CR76	D11 Diesel	1962-73	6	11000	2
LB111,LBS111,LBT111	D11 Diesel	1977-80	6	11000	2
LB111,LBS111,LBT111	D11 Diesel D11-	1977-80	6	11000	2
LB111,LBS111,LBT111,	DS11 Turbo D	1977-80	6	11000	2
LB111,LBS111,LBT111,	DS11 Turbo D	1977-80	6	11000	2
LB111,LBS111,LBT111,	DS11-11LB01/02	1977-80	6	11000	2

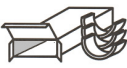




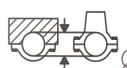


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CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

Model	Engine	Years	Cyl	CC	Line
N113CLB	D11-06C Diesel		6	11000	2
N113CLB	DS11-71C/74C01		6	11000	2
N113CRB	D11-06C Diesel	1987-	6	11000	2
N113CRB	DS11-71C/74C01		6	11000	2
P113,R113	DS11-34 Diesel	1987-	6	11000	2
P113ML,P113MA,P113,	DSC11 Diesel	1987-	6	11000	2
P92M,G82M,P82M	DS9 01/02/04 D	1986-88	6	8724	1
P92MA,P92HB,G92M,P	DS9-L01/L02 D	1985-	6	8724	1
P92MA,P92HB,G92M,P	DSC9-01L01/L02	1985-	6	8724	1
P93ML,G93,P93,R93	DS9 05/06/08 D	1987-	6	8724	1
T112H,T112E,G112M,P	DS11 Turbo D	1981-	6	11000	2

Model	Engine	Years	Cyl	CC	Line
T112H,T112E,G112M,P	DS11-18LO1/02	1981-	6	11000	2
T112H,T112E,G112M,P	DSC11-01,L01/02	1981-	6	11000	2
T113,P113ML,P113MA,	DSC11-01,L01/02	1987-	6	11000	2
T113,P113ML,P113MA,	DS11-73 Diesel	1987-	6	11000	2
T113,P113ML,P113MA,	DSC11 Diesel	1987-	6	11000	2
T142H,R142MA,R142M	DS14-01LB08 D	1977-80	8	14200	3
T142H,R142MA,R142M	DS14 Turbo Diesel	1981-88	8	14200	3
T142H,R142MA,R142M	DSC14 Turbo D	1981-88	8	14200	3
T143,R143MA,R143R,R	DSC14-03/04/06	1988-	8	14200	3

SCANIA				SCANIA			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	DN9 01 Diesel Normally Aspirated	8724 cc	115.00 X 136.00	6 cyl	G92,P92,R92,G93,P93,R93	1	
	DN9 Diesel Industrial	8724 cc	115.00 X 136.00	6 cyl	DN9 40 A20/A26, DN9 41 A20/A26		
	DS9 01/02/04 D Diesel Turbocharged	8724 cc	115.00 X 136.00	6 cyl	P92M,G82M,P82M		
	DS9-L01/L02 D Diesel Turbocharged	8724 cc	115.00 X 136.00	6 cyl	P92MA,P92HB,G92M,P92M ,R92M		
	DS903B01 Diesel Turbocharged	8724 cc	115.00 X 136.00	6 cyl	K92CR,K92CL		
	DS905BO1 Diesel Turbocharged	8724 cc	115.00 X 136.00	6 cyl	K93CRB		
	DS9 05/06/08 D Diesel Turbocharged	8724 cc	115.00 X 136.00	6 cyl	P93ML,G93,P93,R93		
	DSC9-01L01/L02 Diesel Turbocharged & Intercooled	8724 cc	115.00 X 136.00	6 cyl	P92MA,P92HB,G92M,P92M ,R92M,		
	DSC9 02 Diesel Turbocharged and Intercooled	8724 cc	115.00 X 136.00	6 cyl	G92,P92,R92,T92,P93ML,G 93,P93,		
	DS9 Diesel Industrial Turbocharged	8724 cc	115.00 X 136.00	6 cyl	DS9 40 A20/A21, DS9 41 A20/A21, DS9 46 A20/A21, DS9 47 A20/A21, DS9 48 A26, DS9 49 A26, DS9 50 A26, DS9 51 A26, DS9 52 A20/A21, DS9 53 A20/A21, DS9 54 A26, DS9 55 A26, DS9 56 A20/A21, DS9 56 A21, DS9 57 A20/A21, DS9 58 A26, DS9 59 A26, DS9 60 A21		
CR 660CP <i>Under Development</i> CLE:CB-1568P (6) GLY:71-4214/6	C 660*	6 Pairs		3.1487/ 3.1496 79.977/ 80.000	3.3161/ 3.3170 84.229/ 84.252	1.6634 42.25	0.0822 2.088
MB7068CP <i>Under Development</i> CLE:MS-1942P GLY:H1073/7	M7068U* M7068L*	7 Pairs		3.5424/ 3.5433 89.977/ 90.000	3.7087/ 3.7095 94.201/ 94.221	1.3976 35.50	0.0815 2.070
2	D11 Diesel D11LB16/18/20/22/24/26	11000 cc	127.00 X 145.00	6 cyl	L/LS/LB/LBS110 Series, L76,B76,CF76,CR76 Series, LB111,LBS111,LBT111	2	
	D11 Diesel D11-01LB24/26,D11-02LB20/22	11000 cc	127.00 X 145.00	6 cyl	L/LB/LS/LB110, LB111,LBS111,LBT111		

SCANIA				SCANIA			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
D11-04C01 D Diesel		11000 cc	127.00 X 145.00	6 cyl	BR112DH		
D11-06C Diesel		11000 cc	127.00 X 145.00	6 cyl	N113CLB, N113CRB		
DS11 Turbo D Diesel DS11LB21/23/24/26		11000 cc	127.00 X 145.00	6 cyl	LB111,LBS111,LBT111,T112H,		
DS11 Turbo D Diesel DS11-01LB21/24,DS11-02LB23/26		11000 cc	127.00 X 145.00	6 cyl	LB111,LBS111,LBT111,T112H,		
DS11-11LB01/02 Diesel Turbocharged		11000 cc	127.00 X 145.00	6 cyl	LB111,LBS111,LBT111,T112H,		
DS11 Turbo D Diesel DS11-14LO1/02/03, -15LO1/02/03		11000 cc	127.00 X 145.00	6 cyl	G112E,P112E,R112E, T112H,T112E,G112M,P112M,R112M,		
DS11-18LO1/02 Diesel Turbocharged		11000 cc	127.00 X 145.00	6 cyl	G112E,P112E,R112E, T112H,T112E,G112M,P112M,R112M,		
DS11-34 Diesel Turbocharged		11000 cc	127.00 X 145.00	6 cyl	P113,R113		
DS11-71C/74C01 Diesel Turbocharged		11000 cc	127.00 X 145.00	6 cyl	N113CLB		
DS11-71C/74C01 Diesel Turbocharged		11000 cc	127.00 X 145.00	6 cyl	N113CRB		
DS11-73 Diesel Turbocharged		11000 cc	127.00 X 145.00	6 cyl	T113,P113ML,P113MA,P113R,R113		
DSC11-01,L01/02 Diesel Turbocharged		11000 cc	127.00 X 145.00	6 cyl	G112E,P112E,R112E, T112H,T112E,G112M,P112M,R112M,, T113,P113ML,P113MA,P113R,		
DSC11 Diesel Turbo DSC11-04C01/27C02		11000 cc	127.00 X 145.00	6 cyl	T113,P113ML,P113MA,P113R,R113		
DSC11 Diesel Turbo DSC11-08/10/12/17/18		11000 cc	127.00 X 145.00	6 cyl	P113ML,P113MA,P113R,R113		
CR 666CP STD/.25/.5 CLE:CB- 795P(6) FMO:6-66745CP GLA:B6388LC GLY:71-2948/6 VAN:VPR747	C 666	6 Pairs		3.3163/ 3.3171 84.234/ 84.254	3.4836/ 3.4844 88.483/ 88.504	1.8799 47.75	0.0820 2.083
MB 718CP STD/.25/.5 FMO:6616M GLA:M7229LC GLY:H 840/7 VAN:VPM748	M 718/1	6 Pairs	1-2-3-5-6-7	3.9999/ 4.0008 101.597/101.620	4.1835/ 4.1845 106.261/106.286	1.4059 35.71	0.0900 2.286
	M 718/4	1 Pair	4	3.9999/ 4.0008 101.597/101.620	4.1835/ 4.1845 106.261/106.286	1.7200 43.69	0.0900 2.286
TW 239AM 1975- GLY:A216/4 VAN:VPW95022							
3	D14 Diesel V Engine Normally Aspirated	14200 cc	127.00 X 140.00	8 cyl	L/LS/LB/LBS/LBT140S,LT145S, L140,BR145		3
	DS14-01LB08 D Diesel V Engine Turbocharged	14200 cc	127.00 X 140.00	8 cyl	L,LS,LB,LBS,LBT140S,LT145S, T142H,R142MA,R142M,LB141,		
	DS14 Turbo Diesel DS14-06L01/02/03, -07L01/02	14200 cc	127.00 X 140.00	8 cyl	L,LS,LB,LBS,LBT140S,LT145S, T142H,R142MA,R142M,R142H,		
	DSC14 Turbo D Diesel DSC14-01L02/03,DSC14-05/06	14200 cc	127.00 X 140.00	8 cyl	T142H,R142MA,R142M,R142H,		
	DSC14-03/04/06 Diesel	14200	127.00 X	8 cyl	T143,R143MA,R143R,R143		

SCANIA				SCANIA			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
Turbocharged & Intercooled		cc	140.00		L		
CR 841CP <i>Under Development</i> FMO: 8-66750CP GLY: 71-4249/8 GLA: B8113LB VAN: VPR91770	C 841U C 841L	8 Pairs		3.5424/ 3.5433 89.977/ 90.000	3.7008/ 3.7017 94.000/ 94.023	1.6189 41.12	0.0780 1.981
MB5582CP FMO: 6617M GLY: H 988/5 GLA: M5399LB VAN: VPM91462	M5582	5 Pairs		3.9990/ 4.0008 101.575/101.620	4.1835/ 4.1844 106.261/106.284	1.5748 40.00	0.0900 2.286
TW 239AM GLY: A216/4 VAN: VPW95022							

Engine Index: SCION

Engine-Code	Years	Cyl	CC	Line
1NZFE DOHC 16 valve Toyota	2004-06	4	1497	1
2AZFE DOHC 16 valve Toyota	2005-09	4	2398	2

Engine-Code	Years	Cyl	CC	Line

Car Model Index: SCION

Model	Engine	Years	Cyl	CC	Line
TC, XB	2AZFE DOHC 16		4	2398	2
XA, XB	1NZFE DOHC 16	2004-05	4	1497	1

Model	Engine	Years	Cyl	CC	Line

SCION				SCION			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	1NZFE DOHC 16 valve Toyota VVT1	2004-06	1497 cc	75.00 X 84.70	4 cyl	XA, XB	1
CR4349CP ^{STD/.25/.5/.75/1.0} FMO: 4-5045A GLY: 01-4577/4 OEM: 13041-21020	C4349	4 Pairs		0.0000/ 0.0000 0.000/ 0.000	1.6955/ 1.6962 43.066/ 43.083	0.5290 13.44	0.0560 1.422
MB5394AM ^{STD/.25/.5} FMO: 7447M OEM: 11701-21020	M5394U M5394L	5 Pairs		1.8100/ 1.8110 45.974/ 45.999	1.9700/ 1.9071 50.038/ 48.440	0.6300 16.00	0.0780 1.981
TW 185AM ACL: 1T1853 FMO: 4707F CLE: TW-683S GLA: W2380SA	W 185	1 Pair		2.1102/ 2.1201 53.599/ 53.851	2.7382/ 2.7480 69.550/ 69.799	0.0000 0.00	0.0980 2.489
2	2AZFE DOHC 16 valve Toyota	2005-09	2398 cc	88.50 X 96.00	4 cyl	TC, XB	2
CR4514SI ^{STD/.25/.5/.75/1.0} ACL: 4B8411A FMO: 4-5000A CLE: CB-1835AL GLY: 01-4734/4	C4514	4 Pairs	1-2-3-4	1.8894/ 1.8898 47.991/ 48.001	2.0079/ 2.0087 51.001/ 51.021	0.6140 15.60	0.0587 1.491
MB5646SI ^{STD/.25/.5/.75/1.0} ACL: 5M8412A FMO: 7431M CLE: MS-2243AL GLY: H1278/5	M5646U M5646L	5 Pairs	1-2-3-4-5	2.1649/ 2.1654 54.988/ 55.001	2.3228/ 2.3235 58.999/ 59.017	0.6690 16.99	0.0786 1.996
TW 193AM ^{STD} ACL: 1T8412 CLE: TW- 619S	W 193	1 Pair		2.3819/ 2.3917 60.500/ 60.749	3.0610/ 3.0709 77.749/ 78.001	1.9800 50.29	0.0000 0.000

Engine Index: SEAT






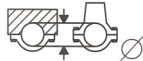


Engine-Code	Years	Cyl	CC	Line
08 NCA L4 51CI /0.8Liter, OHV, 8	08/1986-	4	843	1
100 GL 7000 L4 55CI /0.9Liter,	01/1982-	4	903	1
146 A 000 L4 55CI /0.9Liter,	06/1984-	4	903	2
A112 A5.000 L4 55CI /0.9Liter,	01/1982-	4	903	2
021 A 1000 L4 73CI /1.2Liter,	06/1982-	4	1193	5
FA12 L4 73CI /1.2Liter, OHV, 8	01/1968-	4	1197	4
CAVE L4 85CI /1.4Liter, DOHC,	09/2007-	4	1390	8
AFH L4 85CI /1.4Liter, DOHC, 16	10/1994-	4	1390	3
AFK L4 85CI DOHC, 16 Valves,	09/1998-	4	1390	3
AKK L4 85CI /1.4Liter,	11/1995-	4	1390	3
APE L4 85CI /1.4Liter,	11/1995-	4	1390	3
AUD L4 85CI /1.4Liter,	11/1995-	4	1390	3
BBZ L4 85CI /1.4Liter, DOHC, 16	10/2001-	4	1390	3
BCA L4 85CI /1.4Liter, DOHC, 16	11/1995-	4	1390	3
124 B 7000 L4 88CI /1.5Liter,	06/1982-	4	1438	4
021 A 2000 L4 89CI /1.5Liter, 8	06/1982-	4	1461	5
132 BB OA O L4 97CI /1.6Liter,	05/1975-	4	1592	6
AEH L4 97CI /1.6Liter,	10/1988-	4	1595	10
AKL L4 97CI /1.6Liter,	11/1995-	4	1595	10

Engine-Code	Years	Cyl	CC	Line
AUR L4 97CI /1.6Liter,	11/1995-	4	1595	10
ALZ L4 97CI /1.6Liter,	11/2000-	4	1595	7
BFQ L4 97CI /1.6Liter,	08/1997-	4	1595	7
BGU L4 97CI /1.6Liter,	02/2003-	4	1595	7
BCB L4 98CI /1.4Liter, DOHC, 16	08/1997-	4	1598	11
CNKA L4 98CI /1.6Liter, DOHC,	06/2009-	4	1598	8
022 A.5000 L4 105CI /1.8Liter,	07/1978-	4	1714	9
APG L4 109CI /1.8Liter, DOHC,	04/1999-	4	1781	10
AWC L4 109CI /1.8Liter, DOHC,	05/1995-	4	1781	10
AUQ L4 109CI /1.8Liter, DOHC,	08/1997-	4	1781	11
BJX L4 109CI /1.8Liter, DOHC,	10/2001-	4	1781	11
BKV L4 109CI /1.8Liter, DOHC,	02/2002-	4	1781	11
BLZ L4 109CI /1.8Liter, DOHC,	02/2002-	4	1781	11
ATM L4 121CI /2.0Liter,	05/1995-	4	1984	11
BBX L4 121CI /2.0Liter,	10/2001-	4	1984	11
BLY L4 121CI /2.0Liter, DOHC,	02/2003-	4	1984	11
BWA L4 121CI /2.0Liter, DOHC,	10/2003-	4	1984	11
8144.61 L4 149CI /2.5Liter,	05/1975-	4	2445	12

Car Model Index: SEAT

Model	Engine	Years	Cyl	CC	Line
124 D Pamplona	FA12 L4 73CI	1979-80	4	1197	4
124/S Puertas, 124D	FA12 L4 73CI	1968-81	4	1197	4
128	FA12 L4 73CI	1971-	4	1197	4
131	124 B 7000 L4		4	1438	4
131 D	8144.61 L4 149CI	1981-85	4	2445	12
131 E 1430/1600	132 BB OA O L4		4	1592	6
1430-1200 Sport	124 B 7000 L4		4	1438	4
ALHAMBRA 1.8i	AWC L4 109CI		4	1781	10
CORDOBA 1.6i	AEH L4 97CI		4	1595	10
CORDOBA 1.6i	AUR L4 97CI		4	1595	10
CORDOBA 1.6i 16V	CNKA L4 98CI	11.2006-	4	1598	8
IBIZA 1.4 FSI 16V	CAVE L4 85CI	05.2009-	4	1390	8
IBIZA 1.6i	AEH L4 97CI		4	1595	10
IBIZA 1.6i	AKL L4 97CI		4	1595	10
IBIZA 1.6i	AUR L4 97CI		4	1595	10
IBIZA 1.6i 16V	CNKA L4 98CI	11.2006-	4	1598	8
IBIZA1.8i TURBO 20V	BJX L4 109CI	12.2003-	4	1781	11

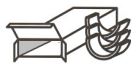


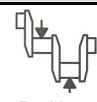

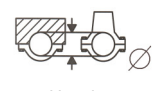


Model	Engine	Years	Cyl	CC	Line
Ibiza	022 A.5000 L4	1984-	4	1714	9
Ibiza 1.2 GL, GLX	021 A 1000 L4	1984-	4	1193	5
LEON 1.6i	AKL L4 97CI		4	1595	10
LEON 1.8i 20V	APG L4 109CI		4	1781	10
LEON 1.8i TURBO 20V	AUQ L4 109CI	09.2000-	4	1781	11
LEON 1.8i TURBO 20V	AUQ L4 109CI	09.2000-	4	1781	11
Malaga	022 A.5000 L4	1985-	4	1714	9
Malaga 1.2 GL, GLX	021 A 1000 L4	1984-	4	1193	5
Malaga 1.5 GLX	021 A 2000 L4	1984-	4	1461	5
Ronda	022 A.5000 L4	1982-	4	1714	9
Ronda 1.2	FA12 L4 73CI	1982-	4	1197	4
Ronda 1.2 GL	021 A 1000 L4	1984-	4	1193	5
Ronda 1.5 SX	021 A 2000 L4	1984-	4	1461	5
Ronda 1.6	132 BB OA O L4	1982-	4	1592	6
TOLEDO 1.6i	AKL L4 97CI		4	1595	10
TOLEDO 1.8i 20V	APG L4 109CI		4	1781	10

SEAT						SEAT									
															
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness								
1	08 NCA L4 51CI /0.8Liter, OHV, 8 Valves, Gasoline	08/1986-10/1998	843 cc	65.00 X 63.60	4 cyl		1								
	100 GL 7000 L4 55CI /0.9Liter, OHV, 8 Valves, Gasoline	01/1982-10/1998	903 cc	65.00 X 68.00	4 cyl										

SEAT				SEAT			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
CR 414AM ST ^D /010/020/030/040/050 ACL:4B2806 CLE:CB- 790AL(4) FMO:4-3025RA GLA:B4462SA GLY:01-4139/4 VAN:VPR91205A	C 414	4 Pairs		1.5743/ 1.5751 39.987/ 40.008	1.7188/ 1.7193 43.658/ 43.670	0.6520 16.56	0.0715 1.816
MB3306AM ST ^D /010/020/030/040/050/060 ACL:3M2807 FMO:6371M GLA:M3387SA GLY:H1039/3 VAN:VPM91360A	M3306/1U	2 Pairs	1-3	1.9996/ 2.0002 50.790/ 50.805	2.1460/ 2.1465 54.508/ 54.521	0.8120 20.62	0.0724 1.839
	M3306/2U	1 Pair	2	1.9996/ 2.0002 50.790/ 50.805	2.1460/ 2.1465 54.508/ 54.521	0.8970 22.78	0.0724 1.839
TW 104AM <i>Under Development</i> FMO:2897AF GLA:W2127SA GLY:A182/2 VAN:VPW34	W 104	1 Pair		2.1500/ 2.1600 54.610/ 54.864	2.7400/ 2.7500 69.596/ 69.850	0.0000 0.00	0.0920 2.337
2	146 A 000 L4 55CI /0.9Liter, SOHC/OHC, 8 Valves, Gasoline	06/1984- 12/1993	903 cc	65.00 X 68.00	4 cyl		2
	A112 A5.000 L4 55CI /0.9Liter, OHV, 8 Valves, Gasoline	01/1982- 12/1986	903 cc	65.00 X 68.00	4 cyl		
CR 414AM ST ^D /010/020/030/040/050 ACL:4B2806 CLE:CB- 790AL(4) FMO:4-3025RA GLA:B4462SA GLY:01-4139/4 VAN:VPR91205A	C 414	4 Pairs		1.5743/ 1.5751 39.987/ 40.008	1.7188/ 1.7193 43.658/ 43.670	0.6520 16.56	0.0715 1.816
MB 324AM M030 <i>Under Development</i> -1970 ACL:3M2805 CLE:MS-1406AL FMO:6483M GLA:M3397SA GLY:H1174/3 VAN:VPM91156A	M 324/1*	1 Pair	1	1.9996/ 2.0003 50.790/ 50.808	2.1460/ 2.1465 54.508/ 54.521	0.7330 18.62	0.0724 1.839
	M 324/2*	1 Pair	2	1.9996/ 2.0003 50.790/ 50.808	2.1460/ 2.1465 54.508/ 54.521	0.8970 22.78	0.0720 1.829
	M 324/3*	1 Pair	3	1.9996/ 2.0003 50.790/ 50.808	2.1460/ 2.1465 54.508/ 54.521	0.8120 20.62	0.0723 1.836
MB3306AM ST ^D /010/020/030/040/050/060 1970- ACL:3M2807 FMO:6371M GLA:M3387SA GLY:H1039/3 VAN:VPM91360A	M3306/1U	2 Pairs	1-3	1.9996/ 2.0002 50.790/ 50.805	2.1460/ 2.1465 54.508/ 54.521	0.8120 20.62	0.0724 1.839
	M3306/2U	1 Pair	2	1.9996/ 2.0002 50.790/ 50.805	2.1460/ 2.1465 54.508/ 54.521	0.8970 22.78	0.0724 1.839
TW 104AM <i>Under Development</i> FMO:2897AF GLA:W2127SA GLY:A182/2 VAN:VPW34	W 104	1 Pair		2.1500/ 2.1600 54.610/ 54.864	2.7400/ 2.7500 69.596/ 69.850	0.0000 0.00	0.0920 2.337
3	AKK L4 85CI /1.4Liter, SOHC/OHC, 8 Valves, Gasoline	11/1995- 07/2002	1390 cc	76.50 X 75.60	4 cyl		3
	AUD L4 85CI /1.4Liter, SOHC/OHC, 8 Valves, Gasoline	11/1995- 07/2005	1390 cc	76.50 X 75.60	4 cyl		
	AFK L4 85CI DOHC, 16 Valves, Gasoline	09/1998- 07/2005	1390 cc	76.50 X 75.60	4 cyl		
	APE L4 85CI /1.4Liter, SOHC/OHC, 16 Valves, Gasoline	11/1995- 06/2006	1390 cc	76.50 X 75.60	4 cyl		
	AFH L4 85CI /1.4Liter, DOHC, 16 Valves, Gasoline	10/1994- 10/1999	1390 cc	76.50 X 75.60	4 cyl		
	BBZ L4 85CI /1.4Liter, DOHC, 16 Valves, Gasoline	10/2001-	1390 cc	76.50 X 75.60	4 cyl		
	BCA L4 85CI /1.4Liter, DOHC, 16 Valves, Gasoline	11/1995- 06/2006	1390 cc	76.50 X 75.60	4 cyl		
CR4251AM ST ^D /25/5/75/1.0 ACL:4B1615A GLY:01-3867/4 K.S:77 307 600 VAN:VPR04034A	C4251	4 Pairs		1.8804/ 1.8810 47.762/ 47.777	1.9921/ 1.9926 50.599/ 50.612	0.7283 18.50	0.0554 1.407
MB5660Si ST ^D /25/5/75/1.0 K.S:77 534 600	M5660U M5660L	5 Pairs		2.1245/ 2.1251 53.962/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7283 18.50	0.0987 2.507
TW2010AM ST ^D /10/17/20/25/5/75/1.0 ACL:2T1644 GLY:A 123/4 K.S:78 635 600	W2010D W2010E	2 Pairs		2.3425/ 2.3520 59.500/ 59.741	2.8720/ 2.8819 72.949/ 73.200	0.0000 0.00	0.0770 1.956
4	FA12 L4 73CI /1.2Liter, OHV, 8	01/1968-	1197 cc	73.00 X 71.50	4 cyl	124 D Pamplona, 124/S	4

SEAT					SEAT				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
Valves, Gasoline	10/1980							Puertas, 124D Luso, 128, Ronda 1.2	
124 B 7000 L4 88CI /1.5Liter, OHV, 8 Valves, Gasoline	06/1982-11/1988	1438 cc	80.00 X 71.50	4 cyl		131, 1430-1200 Sport			
CR4099AM STD/005/010/020/030/040/050/060 With three 2.0 mm oil holes: - two symmetrical holes at 16 degrees from the center line (or crown) - one center hole ACL: 4B1441 CLE: CB-1332AL (4) FMO: 4-60985RA GLA: B4600SA GLY: 01-4127/4 VAN: VPR92187A	C4099	4 Pairs		1.7916/ 1.7924 45.507/ 45.527	1.9145/ 1.9152 48.628/ 48.646	0.7560 19.20	0.0607 1.542		
CS3306AM STD/.25/.5/.75 Under Development GLA: C3108SA VAN: VPC94074A	S3306/1	1		1.8911/ 1.8920 48.034/ 48.057	2.0126/ 2.0138 51.120/ 51.151	0.5591 14.20	0.0598 1.519		
	S3306/2	1		1.7257/ 1.7267 43.833/ 43.858	1.8472/ 1.8484 46.919/ 46.949	0.6299 16.00	0.0594 1.509		
	S3306/3	1		1.4518/ 1.4528 36.876/ 36.901	1.5733/ 1.5745 39.962/ 39.992	0.5906 15.00	0.0598 1.519		
MB5549AM STD/010/020/030/040/050/060 ACL: 5M1442 CLE: MS-1476AL FMO: 6565M GLA: M5387SA GLY: H1028/5 VAN: VPM91931A	M5549/1	4 Pairs	1-2-4-5	1.9990/ 1.9998 50.775/ 50.795	2.1459/ 2.1465 54.506/ 54.521	0.7970 20.24	0.0724 1.839		
	M5549/3	1 Pair	3	1.9990/ 1.9998 50.775/ 50.795	2.1459/ 2.1465 54.506/ 54.521	0.8960 22.76	0.0724 1.839		
TW 105AM STD Without inside lugs. CLE: TW- 177S FMO: 60987AF GLA: W2164SA GLY: A197/2 VAN: VPW21	W 105	1 Pair		2.2280/ 2.2380 56.591/ 56.845	2.7400/ 2.7500 69.596/ 69.850	0.0000 0.00	0.0920 2.337		
TW1009AM STD With inside lugs. FMO: 60987AFA GLY: A198/2	W1009	1 Pair		2.2287/ 2.2387 56.609/ 56.863	2.7400/ 2.7500 69.596/ 69.850	0.0000 0.00	0.0930 2.362		
5	021 A 1000 L4 73CI /1.2Liter, SOHC/OHC, 8 Valves, Gasoline	06/1982-12/1993	1193 cc	75.00 X 67.50	4 cyl	Ibiza 1.2 GL, GLX, Malaga 1.2 GL, GLX, Ronda 1.2 GL	5		
	021 A 2000 L4 89CI /1.5Liter, 8 Valves, Gasoline	06/1982-12/1993	1461 cc	83.00 X 67.50	4 cyl	Malaga 1.5 GLX, Ronda 1.5 SX			
CR4013AM STD/.25/.5/.75/1.0 GLA: B4735LB GLY: 71-3665/4	C4013	4 Pairs		1.5738/ 1.5744 39.975/ 39.990	1.6929/ 1.6935 43.000/ 43.015	0.7480 19.00	0.0589 1.496		
MB5548AM STD/.25/.5/.75/1.0 GLA: M5527LB GLY: H 013/5	M5548	5 Pairs		2.2036/ 2.2043 55.971/ 55.989	2.4016/ 2.4023 61.001/ 61.018	0.7876 20.01	0.0982 2.494		
6	132 BB OA O L4 97CI /1.6Liter, DOHC, 8 Valves, Gasoline	05/1975-12/1986	1592 cc	80.00 X 79.20	4 cyl	131 E 1430/1600, Ronda 1.6	6		
CR4488AM STD/010/020/030/040/050 ACL: 4B2825 CLE: CB-1138AL (4) FMO: 4-66240RA GLA: B4906SA GLY: 01-4175/4 VAN: VPR91661A	C4488	4 Pairs		1.9990/ 2.0000 50.775/ 50.800	2.1219/ 2.1225 53.896/ 53.912	0.7670 19.48	0.0602 1.529		
MB 562AM STD/010/020/030/040/050/060 ACL: 5M2826 CLE: MS-1145AL FMO: 6445M GLA: M5334SA VAN: VPM91662A	M 562/1	4 Pairs	1-3-4-5	2.0860/ 2.0868 52.984/ 53.005	2.2329/ 2.2338 56.716/ 56.739	0.8170 20.75	0.0722 1.834		
	M 562/3	1 Pair	2	2.0860/ 2.0868 52.984/ 53.005	2.2329/ 2.2338 56.716/ 56.739	0.9550 24.26	0.0722 1.834		
TW 113AM STD/.05 SUPERSEDED BY TW 113AM CLE: TW- 236S FMO: 62037AF GLA: W2248SA GLY: A201/2 OEM: 1901074 VAN: VPM95036	W 113	1 Pair		2.3228/ 2.3327 58.999/ 59.251	2.8976/ 2.9075 73.599/ 73.851	0.0000 0.00	0.0930 2.362		
7	BFQ L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	08/1997-06/2006	1595 cc	81.00 X 77.40	4 cyl		7		
	ALZ L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	11/2000-08/2005	1595 cc	81.00 X 77.40	4 cyl				
	BGU L4 97CI /1.6Liter, SOHC/OHC,	02/2003-	1595 cc	81.00 X 77.40	4 cyl				

SEAT				SEAT			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
8 Valves, Gasoline							
CR4348CP K.S:77 552 600	C4348U C4348L	4 Pairs		1.6522/ 1.6526 41.966/ 41.976	1.7717/ 1.7723 45.001/ 45.016	0.7480 19.00	0.0593 1.506
MB5391AM K.S:77 551 600	M5391U M5391L	5 Pairs		1.8881/ 1.8889 47.958/ 47.978	2.0866/ 2.0870 53.000/ 53.010	0.7283 18.50	0.0987 2.507
8	CAVE L4 85CI /1.4Liter, DOHC, 16 Valves, Gasoline Turbocharge	09/2007-	1390 cc	76.50 X 75.60	4 cyl	IBIZA 1.4 FSI 16V	8
	CNKA L4 98CI /1.6Liter, DOHC, 16 Valves, Gasoline	06/2009-	1598 cc	76.50 X 86.90	4 cyl	CORDOBA 1.6i 16V, IBIZA 1.6i 16V	
CR4527XA STD/.25/.5/.75 GLY:01-4100/4 K.S:77 836 600 OEM:03C 105 701	C4527U C4527L	4 Pairs		1.8804/ 1.8810 47.762/ 47.777	1.9921/ 1.9926 50.599/ 50.612	0.6772 17.20	0.5540 14.072
MB5660SI STD/.25/.5/.75/1.0 K.S:77 534 600	M5660U M5660L	5 Pairs		2.1245/ 2.1251 53.962/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7283 18.50	0.0987 2.507
TW2010AM STD/.10/.17/.20/.25/.5/.75/1.0 ACL:2T1644 GLY:A 123/4 K.S:78 635 600	W2010D W2010E	2 Pairs		2.3425/ 2.3520 59.500/ 59.741	2.8720/ 2.8819 72.949/ 73.200	0.0000 0.00	0.0770 1.956
9	022 A.5000 L4 105CI /1.8Liter, SOHC/OHC, 8 Valves, Diesel	07/1978- 12/1993	1714 cc	83.00 X 79.20	4 cyl	Ibiza, Malaga, Ronda	9
CR4488AM STD/010/020/030/040/050 ACL:4B2825 CLE:CB-1138AL (4) FMO:4-66240RA GLA:B4906SA GLY:01-4175/4 VAN:VPR91661A	C4488	4 Pairs		1.9990/ 2.0000 50.775/ 50.800	2.1219/ 2.1225 53.896/ 53.912	0.7670 19.48	0.0602 1.529
MB 562AM STD/010/020/030/040/050/060 ACL:5M2826 CLE:MS-1145AL FMO:6445M GLA:M5334SA VAN:VPM91662A	M 562/1	4 Pairs	1-3-4-5	2.0860/ 2.0868 52.984/ 53.005	2.2329/ 2.2338 56.716/ 56.739	0.8170 20.75	0.0722 1.834
	M 562/3	1 Pair	2	2.0860/ 2.0868 52.984/ 53.005	2.2329/ 2.2338 56.716/ 56.739	0.9550 24.26	0.0722 1.834
TW 113AM STD/.05 SUPERSEDED BY TW 113AM CLE:TW- 236S FMO:62037AF GLA:W2248SA GLY:A201/2 OEM:1901074 VAN:VPW95036	W 113	1 Pair		2.3228/ 2.3327 58.999/ 59.251	2.8976/ 2.9075 73.599/ 73.851	0.0000 0.00	0.0930 2.362
10	AEH L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	10/1988- 04/2000	1595 cc	81.00 X 77.40	4 cyl	CORDOBA 1.6i, IBIZA 1.6i	10
	AKL L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	11/1995- 06/2006	1595 cc	81.00 X 77.40	4 cyl	IBIZA 1.6i, LEON 1.6i, TOLEDO 1.6i	
	AUR L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	11/1995- 07/2002	1595 cc	81.00 X 77.40	4 cyl	CORDOBA 1.6i, IBIZA 1.6i	
	APG L4 109CI /1.8Liter, DOHC, 20 Valves, Gasoline	04/1999- 06/2006	1781 cc	81.00 X 86.40	4 cyl	LEON 1.8i 20V, TOLEDO 1.8i 20V	
	AWC L4 109CI /1.8Liter, DOHC, 20 Valves, Gasoline Turbocharge	05/1995- 03/2010	1781 cc	81.00 X 86.40	4 cyl	ALHAMBRA 1.8i TURBO 20V	
CR4104CP STD/.25/.5/.75/1.0/1.25/1.5	C4104	4 Pairs		1.8802/ 1.8810 47.757/ 47.777	1.9921/ 1.9929 50.599/ 50.620	0.7480 19.00	0.0553 1.405
MB5661SI STD/.25/.5/.75 K.S:77 537 600	M5661U M5661L	5 Pairs		2.1245/ 2.1251 53.962/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7283 18.50	0.0987 2.507
TW2010AM STD/.10/.17/.20/.25/.5/.75/1.0 ACL:2T1644 GLY:A 123/4 K.S:78 635 600	W2010D W2010E	2 Pairs		2.3425/ 2.3520 59.500/ 59.741	2.8720/ 2.8819 72.949/ 73.200	0.0000 0.00	0.0770 1.956
11	BCB L4 98CI /1.4Liter, DOHC, 16 Valves, Gasoline	08/1997- 06/2006	1598 cc	76.50 X 75.60	4 cyl		11
	AUQ L4 109CI /1.8Liter, DOHC, 20 Valves, Gasoline Turbocharge	08/1997- 06/2006	1781 cc	81.00 X 86.40	4 cyl	LEON 1.8i TURBO 20V, LEON 1.8i TURBO 20V	
	BJX L4 109CI /1.8Liter, DOHC, 20 Valves, Gasoline Turbocharge	10/2001-	1781 cc	81.00 X 86.40	4 cyl	IBIZA1.8i TURBO 20V	
	BKV L4 109CI /1.8Liter, DOHC, 20 Valves, Gasoline Turbocharge	02/2002- 11/2009	1781 cc	81.00 X 86.40	4 cyl		

SEAT				SEAT				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
								
BLZ L4 109CI /1.8Liter, DOHC, 20 Valves, Gasoline	02/2002-11/2009	1781 cc	81.00 X 86.40	4 cyl				
ATM L4 121CI /2.0Liter, SOHC/OHC, 8 Valves, Gasoline	05/1995-03/2010	1984 cc	82.50 X 92.80	4 cyl				
BBX L4 121CI /2.0Liter, SOHC/OHC, 8 Valves, Gasoline	10/2001-	1984 cc	82.50 X 92.80	4 cyl				
BWA L4 121CI /2.0Liter, DOHC, 16 Valves, Gasoline Turbocharge	10/2003-	1984 cc	82.50 X 92.80	4 cyl				
BLY L4 121CI /2.0Liter, DOHC, 16 Valves, Gasoline	02/2003-	1984 cc	82.50 X 92.80	4 cyl				
CR4250CA STD/.25/.5/.75/1.0 GLY: 71-3929/4 K.S: 77 581 600 VAN: VPR04041	C4250U C4250L	4 Pairs		1.8802/ 1.8810 47.757/ 47.777	1.9921/ 1.9926 50.599/ 50.612	0.7480 19.00	0.0554 1.407	
MB5661SI STD/.25/.5/.75 K.S: 77 537 600	M5661U M5661L	5 Pairs		2.1245/ 2.1251 53.962/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7283 18.50	0.0987 2.507	
TW2010AM STD/.10/.17/.20/.25/.5/.75/1.0 ACL: 2T1644 GLY: A 123/4 K.S: 78 635 600	W2010D W2010E	2 Pairs		2.3425/ 2.3520 59.500/ 59.741	2.8720/ 2.8819 72.949/ 73.200	0.0000 0.00	0.0770 1.956	
12	8144.61 L4 149CI /2.5Liter, SOHC/OHC, 8 Valves, Diesel	05/1975-12/1986	2445 cc	93.00 X 90.00	4 cyl	131 D	12	
CR4073CP STD/010/020/030/040/050/060 <i>Central oil hole - 1982</i> CLE: CB-1149P (4) FMO: 4-66575CP GLA: B4721LB GLY: 71-4185/4 K.S: 77 155 600 OEM: 1901926 VAN: VPR91914	C4073U C4160L	4 Pairs		2.2252/ 2.2258 56.520/ 56.535	2.3753/ 2.3758 60.333/ 60.345	0.9724 24.70	0.0743 1.887	
CR4083CP STD/010/020/030/040 <i>Plain halves 1982 -</i> CLE: CB-1163P (4) FMO: 4-1870CP GLA: B4122LB GLY: 71-4310/4 VAN: VPR91915	C4083U C4161L	4 Pairs		2.2252/ 2.2258 56.520/ 56.535	2.3753/ 2.3758 60.333/ 60.345	0.9724 24.70	0.0743 1.887	
MB5122CP STD/010/020/030/040 CLE: MS-1451P FMO: 6564M GLA: M5389LB GLY: H1049/5 K.S: 77 154 600 VAN: VPM91664	M5122U M5122L	4 Pairs	1-2-3-4	2.9995/ 3.0000 76.187/ 76.200	3.1727/ 3.1735 80.587/ 80.607	0.9843 25.00	0.0860 2.184	
	F5122U F5122L	1 Pair	5	2.9995/ 3.0000 76.187/ 76.200	3.1727/ 3.1735 80.587/ 80.607	1.2578 31.95	0.0860 2.184	

Engine Index: SHIBAURA

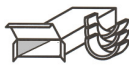




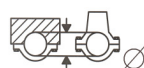


Engine-Code	Years	Cyl	CC	Line
		0	0	1

Engine-Code	Years	Cyl	CC	Line

Car Model Index: SHIBAURA

Model	Engine	Years	Cyl	CC	Line
Tractors			0		1

Model	Engine	Years	Cyl	CC	Line

SHIBAURA				SHIBAURA			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1				0 cyl	Tractors		1
CR4142AM .25/5	C4142	4 Pairs		2.3602/ 2.3610 59.949/ 59.969	2.4803/ 2.4811 63.000/ 63.020	0.7360 18.69	0.0580 1.473
MB 366AM .25/5	M 366	3 Pairs	1-3	2.6752/ 2.6760 67.950/ 67.970	2.7952/ 2.7960 70.998/ 71.018	0.7360 18.69	0.0580 1.473

Engine Index: SKODA

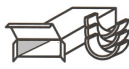




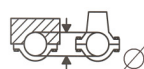


Engine-Code	Years	Cyl	CC	Line
781.135 L4 79CI /1.3Liter, 8	05/1989-	4	1289	1
BUD L4 85CI /1.4Liter, DOHC, 16	10/2001-	4	1390	5
CAXA L4 85CI /1.4Liter, DOHC,	10/2003-	4	1390	5
AUA L4 85CI /1.4Liter, DOHC, 16	11/1995-	4	1390	2
BBZ L4 85CI /1.4Liter, DOHC, 16	10/2001-	4	1390	2
AEH L4 97CI /1.6Liter,	10/1988-	4	1595	3
BSE L4 97CI /1.6Liter,	02/2003-	4	1595	4
CHGA L4 97CI /1.6Liter,	03/2004-	4	1595	4
BLF L4 98CI /1.6Liter, DOHC, 16	02/2003-	4	1598	5
BTS L4 98CI /1.6Liter, DOHC, 16	10/2001-	4	1598	5

Engine-Code	Years	Cyl	CC	Line
AGN L4 109CI /1.8Liter, DOHC,	08/1997-	4	1781	6
AUM L4 109CI /1.8Liter, DOHC,	08/1997-	4	1781	7
AUQ L4 109CI /1.8Liter, DOHC,	08/1997-	4	1781	7
AEG L4 121CI /2.0Liter,	01/1998-	4	1984	6
AQY L4 121CI /2.0Liter,	08/1997-	4	1984	6
AZM L4 121CI /2.0Liter,	11/2000-	4	1984	7
BLX L4 121CI /2.0Liter, DOHC,	02/2003-	4	1984	8
BWA L4 121CI /2.0Liter, DOHC,	10/2003-	4	1984	8

Car Model Index: SKODA

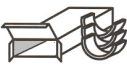







Model	Engine	Years	Cyl	CC	Line
FABIA 1.4 16V	BUD L4 85CI	04.2006-	4	1390	5
FABIA 1.6i 16V	BTS L4 98CI	05.2006-	4	1598	5
FABIA 2.0i	AZM L4 121CI	12.1999-	4	1984	7
FABIA COMBI,SALOON	BUD L4 85CI	04.2006-	4	1390	5
FABIA SCOUT 1.6i 16V	BUD L4 85CI	05.2006-	4	1390	5
FABIA SCOUT 1.6i 16V	BTS L4 98CI	05.2006-	4	1598	5
Favorit 136 L	781.135 L4 79CI		4	1289	1
OCTAVIA 1.4	BUD L4 85CI	06.2004-	4	1390	5
OCTAVIA 1.4 FSI	BUD L4 85CI	06.200-	4	1390	5
OCTAVIA 1.6 FSI 16V	BLF L4 98CI	02.2004-	4	1598	5
OCTAVIA 1.6i	AEH L4 97CI	02.1997-	4	1595	3
OCTAVIA 1.8i 20V	AGN L4 109CI	10.1996-	4	1781	6
OCTAVIA 1.8i TURBO	AUM L4 109CI	08.2000-	4	1781	7
OCTAVIA 1.8i TURBO	AUQ L4 109CI	08.2000-	4	1781	7

Model	Engine	Years	Cyl	CC	Line
OCTAVIA 2.0i	AEG L4 121CI	09.2000-	4	1984	6
OCTAVIA 2.0i	AQY L4 121CI	09.2000-	4	1984	6
OCTAVIA 2.0i	AZM L4 121CI	11.1999-	4	1984	7
OCTAVIA 2.0i FSI 16V	BLX L4 121CI	11.2004-	4	1984	8
OCTAVIA 2.0i FSI 16V	BWA L4 121CI	11.2005-	4	1984	8
OCTAVIA 2.0i TFSI 16V	BWA L4 121CI	10.2005-	4	1984	8
OCTAVIA COMBI 1.4	BUD L4 85CI	05.2006	4	1390	5
ROOMSTER 1.6i 16V	BUD L4 85CI	05.2006-	4	1390	5
ROOMSTER 1.6i 16V	BTS L4 98CI	05.2006-	4	1598	5
SUPERB 1.8i TURBO	AUM L4 109CI		4	1781	7
SUPERB 1.8i TURBO	AUQ L4 109CI		4	1781	7
SUPERB 2.0i	AZM L4 121CI	12.2001-	4	1984	7

SKODA				SKODA			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	781.135 L4 79CI /1.3Liter, 8 Valves, Gasoline	05/1989-06/1997	1289 cc	75.50 X 72.00	4 cyl	Favorit 136 L	1
CR4132AM STD/.25/.5/.75/1.0	C4132	4 Pairs		1.7707/ 1.7713 44.976/ 44.991	1.8898/ 1.8902 48.001/ 48.011	0.8660 22.00	0.0588 1.494

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CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

SKODA				SKODA			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
CLE:CB- 836AL(4) FMO:65835RA GLA:B4494SA GLY:01-4259/4 VAN:VPR91295A							
MB 365AM STD/.25/.5/.75/1.0	M 365U M 365L	3 Pairs		2.3612/ 2.3619 59.974/ 59.992	2.5590/ 2.5598 64.999/ 65.019	0.9440 23.98	0.0982 2.494
2	AUA L4 85CI /1.4Liter, DOHC, 16 Valves, Gasoline	11/1995-07/2005	1390 cc	76.50 X 75.60	4 cyl		2
	BBZ L4 85CI /1.4Liter, DOHC, 16 Valves, Gasoline	10/2001-	1390 cc	76.50 X 75.60	4 cyl		
CR4251AM STD/.25/.5/.75/1.0 ACL:4B1615A GLY:01-3867/4 K.S:77 307 600 VAN:VPR04034A	C4251	4 Pairs		1.8804/ 1.8810 47.762/ 47.777	1.9921/ 1.9926 50.599/ 50.612	0.7283 18.50	0.0554 1.407
MB5660SI STD/.25/.5/.75/1.0 K.S:77 534 600	M5660U M5660L	5 Pairs		2.1245/ 2.1251 53.962/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7283 18.50	0.0987 2.507
TW2010AM STD/.10/.17/.20/.25/.5/.75/1.0 ACL:2T1644 GLY:A 123/4 K.S:78 635 600	W2010D W2010E	2 Pairs		2.3425/ 2.3520 59.500/ 59.741	2.8720/ 2.8819 72.949/ 73.200	0.0000 0.00	0.0770 1.956
3	AEH L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	10/1988-06/2006	1595 cc	81.00 X 77.40	4 cyl	OCTAVIA 1.6i	3
CR4104CP STD/.25/.5/.75/1.0/1.25/1.5	C4104	4 Pairs		1.8802/ 1.8810 47.757/ 47.777	1.9921/ 1.9929 50.599/ 50.620	0.7480 19.00	0.0553 1.405
MB5661SI STD/.25/.5/.75 K.S:77 537 600	M5661U M5661L	5 Pairs		2.1245/ 2.1251 53.962/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7283 18.50	0.0987 2.507
TW1004AM Under Development K.S:79 221 600	W1004/1 W1004/2	1 Pair		2.3430/ 2.3520 59.512/ 59.741	2.8170/ 2.8270 71.552/ 71.806	0.0000 0.00	0.0974 2.474
4	CHGA L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Bi-Fuel	03/2004-	1595 cc	81.00 X 77.40	4 cyl		4
	BSE L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	02/2003-10/2010	1595 cc	81.00 X 77.40	4 cyl		
CR4348CP K.S:77 552 600	C4348U C4348L	4 Pairs		1.6522/ 1.6526 41.966/ 41.976	1.7717/ 1.7723 45.001/ 45.016	0.7480 19.00	0.0593 1.506
MB5391AM K.S:77 551 600	M5391U M5391L	5 Pairs		1.8881/ 1.8889 47.958/ 47.978	2.0866/ 2.0870 53.000/ 53.010	0.7283 18.50	0.0987 2.507
5	BUD L4 85CI /1.4Liter, DOHC, 16 Valves, Gasoline	10/2001-	1390 cc	76.50 X 75.60	4 cyl	FABIA 1.4 16V, FABIA COMBI,SALOON 16V 1.4FSI, FABIA SCOUT 1.6i 16V, OCTAVIA 1.4, OCTAVIA 1.4 FSI, OCTAVIA COMBI 1.4 FSI, ROOMSTER 1.6i 16V	5
	CAXA L4 85CI /1.4Liter, DOHC, 16 Valves, Gasoline Turbocharge	10/2003-10/2010	1390 cc	76.50 X 75.60	4 cyl		
	BLF L4 98CI /1.6Liter, DOHC, 16 Valves, Gasoline	02/2003-10/2010	1598 cc	76.50 X 86.90	4 cyl	OCTAVIA 1.6 FSI 16V	
	BTS L4 98CI /1.6Liter, DOHC, 16 Valves, Gasoline	10/2001-	1598 cc	76.50 X 86.90	4 cyl	FABIA 1.6i 16V, FABIA SCOUT 1.6i 16V, ROOMSTER 1.6i 16V	
CR4527XA STD/.25/.5/.75 GLY:01-4100/4 K.S:77 836 600 OEM:03C 105 701	C4527U C4527L	4 Pairs		1.8804/ 1.8810 47.762/ 47.777	1.9921/ 1.9926 50.599/ 50.612	0.6772 17.20	0.5540 14.072
MB5660SI STD/.25/.5/.75/1.0 K.S:77 534 600	M5660U M5660L	5 Pairs		2.1245/ 2.1251 53.962/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7283 18.50	0.0987 2.507
TW2010AM STD/.10/.17/.20/.25/.5/.75/1.0 ACL:2T1644 GLY:A 123/4 K.S:78 635 600	W2010D W2010E	2 Pairs		2.3425/ 2.3520 59.500/ 59.741	2.8720/ 2.8819 72.949/ 73.200	0.0000 0.00	0.0770 1.956
6	AGN L4 109CI /1.8Liter, DOHC, 20 Valves, Gasoline	08/1997-06/2006	1781 cc	81.00 X 86.40	4 cyl	OCTAVIA 1.8i 20V	6
	AEG L4 121CI /2.0Liter,	01/1998-	1984 cc	82.50 X 92.80	4 cyl	OCTAVIA 2.0i	

SKODA				SKODA			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
SOHC/OHC, 8 Valves, Gasoline AQY L4 121CI /2.0Liter, SOHC/OHC, 8 Valves, Gasoline		08/1997- 06/2006	1984 cc	82.50 X 92.80	4 cyl	OCTAVIA 2.0i	
CR4104CP STD/.25/.5/.75/1.0/1.25/1.5	C4104	4 Pairs		1.8802/ 1.8810 47.757/ 47.777	1.9921/ 1.9929 50.599/ 50.620	0.7480 19.00	0.0553 1.405
MB5661S STD/.25/.5/.75 K.S:77 537 600	M5661U M5661L	5 Pairs		2.1245/ 2.1251 53.962/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7283 18.50	0.0987 2.507
TW2010AM STD/.10/.17/.20/.25/.5/.75/1.0 ACL:2T1644 GLY:A 123/4 K.S:78 635 600	W2010D W2010E	2 Pairs		2.3425/ 2.3520 59.500/ 59.741	2.8720/ 2.8819 72.949/ 73.200	0.0000 0.00	0.0770 1.956
7	AUM L4 109CI /1.8Liter, DOHC, 20 Valves, Gasoline Turbocharge	08/1997- 06/2006	1781 cc	81.00 X 86.40	4 cyl	OCTAVIA 1.8i TURBO 20V, SUPERB 1.8i TURBO 20V	7
	AUQ L4 109CI /1.8Liter, DOHC, 20 Valves, Gasoline Turbocharge	08/1997- 09/2005	1781 cc	81.00 X 86.40	4 cyl	OCTAVIA 1.8i TURBO 20V, SUPERB 1.8i TURBO 20V	
	AZM L4 121CI /2.0Liter, SOHC/OHC, 8 Valves, Gasoline	11/2000- 08/2005	1984 cc	82.50 X 92.80	4 cyl	FABIA 2.0i, OCTAVIA 2.0i, SUPERB 2.0i	
CR4250CA STD/.25/.5/.75/1.0 GLY:71-3929/4 K.S:77 581 600 VAN:VPR04041	C4250U C4250L	4 Pairs		1.8802/ 1.8810 47.757/ 47.777	1.9921/ 1.9926 50.599/ 50.612	0.7480 19.00	0.0554 1.407
MB5661S STD/.25/.5/.75 K.S:77 537 600	M5661U M5661L	5 Pairs		2.1245/ 2.1251 53.962/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7283 18.50	0.0987 2.507
TW2010AM STD/.10/.17/.20/.25/.5/.75/1.0 ACL:2T1644 GLY:A 123/4 K.S:78 635 600	W2010D W2010E	2 Pairs		2.3425/ 2.3520 59.500/ 59.741	2.8720/ 2.8819 72.949/ 73.200	0.0000 0.00	0.0770 1.956
8	BLX L4 121CI /2.0Liter, DOHC, 16 Valves, Gasoline BVY, BVZ -	02/2003-	1984 cc	82.50 X 92.80	4 cyl	OCTAVIA 2.0i FSI 16V	8
	BWA L4 121CI /2.0Liter, DOHC, 16 Valves, Gasoline Turbocharge	10/2003-	1984 cc	82.50 X 92.80	4 cyl	OCTAVIA 2.0i FSI 16V, OCTAVIA 2.0i TFSI 16V	
CR4250CA STD/.25/.5/.75/1.0 GLY:71-3929/4 K.S:77 581 600 VAN:VPR04041	C4250U C4250L	4 Pairs		1.8802/ 1.8810 47.757/ 47.777	1.9921/ 1.9926 50.599/ 50.612	0.7480 19.00	0.0554 1.407
MB5661S STD/.25/.5/.75 K.S:77 537 600	M5661U M5661L	5 Pairs		2.1245/ 2.1251 53.962/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7283 18.50	0.0987 2.507
TW1004AM <i>Under Development</i> K.S:79 221 600	W1004/1 W1004/2	1 Pair		2.3430/ 2.3520 59.512/ 59.741	2.8170/ 2.8270 71.552/ 71.806	0.0000 0.00	0.0974 2.474

Engine Index: SMART

Engine-Code	Years	Cyl	CC	Line
tt		0	0	1
M160	1998-	3	599	1

Engine-Code	Years	Cyl	CC	Line
OM660DE08 L5 Turbo	2000-	3	799	2

Car Model Index: SMART

Model	Engine	Years	Cyl	CC	Line
Smart 0.6 Turbo	M160		3	599	1
Smart 0.8 TD	OM660DE08 L5		3	799	2

Model	Engine	Years	Cyl	CC	Line

SMART					SMART				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
1	tt			0 cyl					1
	M160	1998-	599 cc	63.50 X 63.00	3 cyl	Smart 0.6 Turbo			
CR 333CP <i>With locating lug.</i>	C 333	3 Pairs		1.4937/ 1.4947 37.940/ 37.965	1.6378/ 1.6384 41.600/ 41.615	0.6693 17.00	0.0714 1.814		
CR 334CP <i>Without locating lug.</i> GLY: 71-3882/3 K.S: 77 696 600	C 334	3 Pairs		1.4937/ 1.4947 37.940/ 37.965	1.6378/ 1.6384 41.600/ 41.615	0.6693 17.00	0.0714 1.814		
MB4089AM GLY: H 072/4 K.S: 77 697 600	M4089U M4089L	4 Pairs	1-4	1.7697/ 1.7703 44.950/ 44.966	2.0079/ 2.0086 51.001/ 51.018	0.6299 16.00	0.1193 3.030		
TW2001AM GLY: A 154/2	W2001	2 Pairs		2.0669/ 2.0768 52.499/ 52.751	2.6870/ 2.6969 68.250/ 68.501	0.0000 0.00	0.1260 3.200		
2	OM660DE08 L5 Turbo Intercooled Common Rail	2000-	799 cc	65.50 X 79.00	3 cyl	Smart 0.8 TD			2
CR 340XASTD/25/5/75/1.0 GLY: 71-3969/3~ K.S: 77 712 600~	C 340U C 340L	3 Pairs		1.5724/ 1.5734 39.939/ 39.964	1.7165/ 1.7172 43.599/ 43.617	0.6620 16.81	0.0710 1.803		

Engine Index: STANDARD

Engine-Code	Years	Cyl	CC	Line
8 H.P.		4	1021	1
9.99 H.P.		4	1267	1

Engine-Code	Years	Cyl	CC	Line

Car Model Index: STANDARD

Model	Engine	Years	Cyl	CC	Line
FLYING EIGHT	8 H.P.	1939/47	4	1021	1
FLYING EIGHT	9.99 H.P.	1939/47	4	1267	1
FLYING TEN	8 H.P.	1939/40	4	1021	1

Model	Engine	Years	Cyl	CC	Line
FLYING TEN	9.99 H.P.	1939/40	4	1267	1

STANDARD					STANDARD				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
1	8 H.P.			1021 cc	57.00 X 100.00	4 cyl	FLYING EIGHT, FLYING TEN		1
	9.99 H.P.			1267 cc	63.50 X 100.00	4 cyl	FLYING EIGHT, FLYING TEN		
CR4315AM VAN: VPR411	C4315	4 Pairs		1.7495/ 1.7500 44.437/ 44.450	1.8555/ 1.8560 47.130/ 47.142	0.9390 23.85	0.0520 1.321		
MB 381AM STD/010/020/030/040/050/060 VAN: VPM414	M 381/1	2 Pairs	1,3	1.9995/ 2.0000 50.787/ 50.800	2.1455/ 2.1465 54.496/ 54.521	1.3750 34.93	0.0720 1.829		
				1.9995/ 2.0000	2.1455/ 2.1465	1.1890	0.0720		

STANDARD			STANDARD				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
	M 381/2	1 Pair	2	50.787/ 50.800	54.496/ 54.521	30.20	1.829

Engine Index: SUBARU

Engine-Code	Years	Cyl	CC	Line
EK21	1973-76	2	358	1
EK22	1976-77	2	490	1
EK23	1977-90	2	544	1
EK42	1982-89	2	665	1
EF10	11/83-90	3	997	2
EA64	1973-79	4	1176	4
EF12	10/85-94	3	1189	3
EA62	1970-72	4	1267	4
EA65	1979-89	4	1298	4
EA63	1978-79	4	1361	4
EJ15		4	1493	5
EA71	1975-	4	1595	4
EJ16 SOHC 16 Valve		4	1597	5
EA81 OHV	1980-89	4	1781	6

Engine-Code	Years	Cyl	CC	Line
EA81T Turbo OHV	1983-84	4	1781	6
EA82C, EA82S SOHC 8 Valve	1985-94	4	1781	6
EA82T Turbo SOHC 8 valve	1985-90	4	1781	6
EJ18E	93-95	4	1781	7
EJ20 DOHC Turbo 16 valve		4	1994	7
EJ22E		4	2212	7
EJ22E, EJ22EZ SOHC 16 valve	1990-98	4	2212	7
EJ22T Turbo SOHC 16 valve	1991-94	4	2212	7
EJ22T TURBO Only with the CP		4	2212	7
EJ25 SOHC 16 valve	1999-06	4	2457	8
EJ25 DOHC 16 valve	1996-99	4	2457	9
ER27 SOHC 12 valve	7/87-9/91	6	2672	10






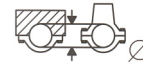


Car Model Index: SUBARU

Model	Engine	Years	Cyl	CC	Line
1300	EA62		4	1267	4
1400	EA63		4	1361	4
1600	EA71		4	1595	4
1800	EA82C, EA82S		4	1781	6
1800	EA81 OHV		4	1781	6
1800	EA81T Turbo OHV		4	1781	6
1800	EA82T Turbo		4	1781	6
BAJA, Forester	EJ25 SOHC 16		4	2457	8
Brat	EA71		4	1595	4
Brat	EA81 OHV		4	1781	6
Brat	EA81T Turbo OHV		4	1781	6
Forester	EJ20 DOHC Turbo		4	1994	7
Forester, Impreza,	EJ25 DOHC 16		4	2457	9
IMPREZA	EJ18E	93-95	4	1781	7
IMPREZA 4*4	EJ18E	93	4	1781	7
IMPREZA BRIGHTON	EJ18E	96-97	4	1781	7
IMPREZA L4*4	EJ18E	95	4	1781	7
IMPREZA - LS	EJ18E		4	1781	7
IMPREZA - OUTBACK	EJ18E	95	4	1781	7
Impreza	EJ20 DOHC Turbo		4	1994	7
Impreza	EJ22E, EJ22EZ		4	2212	7
Impreza	EJ15		4	1493	5
Impreza	EJ16 SOHC 16		4	1597	5
Impreza, Legacy,	EJ25 SOHC 16		4	2457	8
Jasty, Domingo	EF10		3	997	2
Jasty, Domingo	EF12		3	1189	3
KEGACY - BRIGHTON	EJ22E	95-98	4	2212	7
LEGACY - L	EJ22E	90-98	4	2212	7
LEGACY - L 4*4	EJ22E	92-93	4	2212	7

Model	Engine	Years	Cyl	CC	Line
LEGACY - L ALPINE	EJ22E	94	4	2212	7
LEGACY - LS	EJ22E	90-96	4	2212	7
LEGACY - LS 4*4	EJ22E	92-93	4	2212	7
LEGACY - LS SP	EJ22E	91-93	4	2212	7
LEGACY - OUTBACK	EJ22E	95-96	4	2212	7
LEGACY - POSTAL	EJ22E	95-98	4	2212	7
LEGACY - SPORT	EJ22T TURBO	91-94	4	2212	7
LEGACY 4*4	EJ22E	93-94	4	2212	7
LEGAY - GT	EJ22E	94	4	2212	7
Legacy	EJ18E		4	1781	7
Legacy	EJ22E, EJ22EZ	1990-98	4	2212	7
Legacy	EJ22T Turbo		4	2212	7
Leone	EA64		4	1176	4
Leone	EA62		4	1267	4
Leone	EA65		4	1298	4
Leone	EA63		4	1361	4
Leone	EA71		4	1595	4
Leone	EA82C, EA82S		4	1781	6
Leone	EA81 OHV		4	1781	6
Leone	EA81T Turbo OHV		4	1781	6
Leone	EA82T Turbo		4	1781	6
Liberty	EJ20 DOHC Turbo		4	1994	7
Loyale	EA82C, EA82S		4	1781	6
Loyale	EA82T Turbo		4	1781	6
OUTDOOR	EJ22E	94	4	2212	7
Outback	EJ22E, EJ22EZ		4	2212	7
Rex, Samber	EK21		2	358	1
SUNSPORT	EJ22E	94	4	2212	7
WRX	EJ20 DOHC Turbo		4	1994	7

Model	Engine	Years	Cyl	CC	Line
XT	EA82C, EA82S		4	1781	6
XT	EA82T Turbo		4	1781	6

Model	Engine	Years	Cyl	CC	Line
XT6, Arcyone	ER27 SOHC 12	1989-91	6	2672	10

SUBARU						SUBARU									
															
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness								
1	EK21	1973-76	358 cc	66.00 X 52.60	2 cyl	1.4956/ 1.4961	1.6142/ 1.6148	0.5560	0.0580	1 Rex, Samber					
	EK22	1976-77	490 cc	74.00 X 57.00	2 cyl	37.988/ 38.001	41.001/ 41.016	14.12	1.473						
	EK23	1977-90	544 cc	76.00 X 60.00	2 cyl										
	EK42	1982-89	665 cc	78.00 X 69.60	2 cyl										
CR 201AM <i>Under Development</i>		C 201*	2 Pairs			1.6516/ 1.6520	1.7717/ 1.7720	0.7870	0.0594						
CLE: CB-1248AL (2) DAI: R5606K FMO: 2-3990CP NDC: CB-2303 OEM: 38291-2100 VAN: VPR92060						41.951/ 41.961	45.001/ 45.009	19.99	1.509						
MB3301AM <i>Under Development</i> <i>Includes 2 flanged halves.</i>		M3301*	2 Pairs	1,2		1.6516/ 1.6520	1.7717/ 1.7720	0.9823	0.0594						
DAI: M5606K FMO: 6659M GLA: M3440LC NDC: MS-1126 OEM: 38265-2100 VAN: VPM92393		F3301*	1 Pair	3		41.951/ 41.961	45.001/ 45.009	24.95	1.509						
MB3302AM <i>Under Development</i> <i>Includes 1 flanged half only.</i>		M3301*	2 Pairs	1,2		1.6516/ 1.6520	1.7717/ 1.7720	0.7870	0.0594						
		M3301* F3301*	1 Pair	3		41.951/ 41.961	45.001/ 45.009	24.95	1.509						
2	EF10	11/83-90	997 cc	78.00 X 70.00	3 cyl	1.6531/ 1.6535	1.7717/ 1.7723	0.5960	0.0587	2 Jasty, Domingo					
	CR 321AM STD/.25/.5/.75/1.0 <i>With one 3 mm oil hole at 20 degrees from the center line.</i>		C 321	3 Pairs			41.989/ 41.999	45.001/ 45.016	15.14	1.491					
DAI: R5807K GLA: B3072LC K.S: CB-2301GP NDC: CB-2301 OEM: 12108KA110 OEM: 12108-KA110 VAN: VPR92870															
MB 461AM STD/.25/.5/.75/1.0 <i>Includes 2 flanged halves.</i>		M 461	3 Pairs			1.6525/ 1.6530	1.7717/ 1.7726	0.7930	0.0594						
<i>Flange length:</i> STD - 24.97 mm (FI STD) 0.25 - 25.07 mm (FI O/S 0.1mm) 0.50, 0.75 - 25.17mm (FI O/S 0.2 mm) 1.0 - 25.37mm (FI O/S 0.4 mm)		F 461	1 Pair			41.974/ 41.986	45.001/ 45.024	20.14	1.509						
ACL: 4M2003P CLE: MS-2003P DAI: M5807K GLA: M4293SA NDC: MB-2301 OEM: 48265-5400 VAN: VPM92867A						1.6525/ 1.6530	1.7717/ 1.7726	0.9830	0.0594						
						41.974/ 41.986	45.001/ 45.024	24.97	1.509						
3	EF12	10/85-94	1189 cc	78.00 X 83.00	3 cyl	1.6531/ 1.6535	1.7717/ 1.7723	0.5960	0.0587	3 Jasty, Domingo					
	CR 312AM STD/.25/.5 <i>Plain half shells.</i>		C 312	3 Pairs			41.989/ 41.999	45.001/ 45.016	15.14	1.491					
ACL: 3B1469P CLE: CB-1469P (3) DAI: R5808K NDC: CB-2302 OEM: 482915600 OEM: 12108-KA110															
MB 461AM STD/.25/.5/.75/1.0 <i>Includes 2 flanged halves.</i>		M 461	3 Pairs			1.6525/ 1.6530	1.7717/ 1.7726	0.7930	0.0594						
<i>Flange length:</i> STD - 24.97 mm (FI STD) 0.25 - 25.07 mm (FI O/S 0.1mm) 0.50, 0.75 - 25.17mm (FI O/S 0.2 mm) 1.0 - 25.37mm (FI O/S 0.4 mm)		F 461	1 Pair			41.974/ 41.986	45.001/ 45.024	20.14	1.509						
ACL: 4M2003P CLE: MS-2003P DAI: M5807K GLA: M4293SA NDC: MB-2301 OEM: 48265-5400 VAN: VPM92867A						1.6525/ 1.6530	1.7717/ 1.7726	0.9830	0.0594						
						41.974/ 41.986	45.001/ 45.024	24.97	1.509						
4	EA64	1973-79	1176 cc	79.00 X 60.00	4 cyl					4 Leone					
	EA62	1970-72	1267 cc	82.00 X 60.00	4 cyl					1300, Leone					
	EA65	1979-89	1298 cc	83.00 X 60.00	4 cyl					Leone					

SUBARU				SUBARU				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
EA63	1978-79	1361 cc	85.00 X 60.00	4 cyl	1400, Leone			
EA71	1975-	1595 cc	92.00 X 60.00	4 cyl	1600, Brat, Leone			
CR4088AM STD/.03/.25/.5/.75 DAI:R5802A FMO:4-67365RA GLA:B4610SA K.S:CB-1124GP NDC:CB-1124 OEM:12108-AA040 VAN:VPR92087	C4088	4 Pairs		1.7712/ 1.7717 44.988/ 45.001	1.8898/ 1.8904 48.001/ 48.016	0.5220 13.26	0.0587 1.491	
CR4088SI								
MB3311SI <i>Under Development</i> <i>- 09/1978</i> <i>Locating lug is positioned opposite sides of flanged halves.</i>	M3331	2 Pairs	1,3	1.9668/ 1.9673 49.957/ 49.969	2.1260/ 2.1267 54.000/ 54.018	0.8320 21.13	0.0791 2.009	
ACL:3M8292~ CLE:MS-1425AL DAI:M5800A~ FMO:6788M~ GLA:M3399SA~ NDC:MS-1124~ OEM:88265-8830 VAN:VPM92379~	F3311/2*	1 Pair	2	1.9673/ 1.9678 49.969/ 49.982	2.1260/ 2.1267 54.000/ 54.018	1.0220 25.96	0.0791 2.009	
MB3331SI STD/.03/.25/.5/.75/1.0/1.25/1.5 09/1978 - <i>Includes 2 flanged halves.</i> <i>Flange length:</i> <i>STD - 25.96 mm (FI STD)</i> <i>0.25 - 26.06 mm (FI O/S 0.1mm)</i> <i>0.50,0.75 - 26.21mm (FI O/S 0.25 mm)</i> <i>1.0,1.25,1.5 - 26.46mm (FI O/S 0.5 mm)</i> <i>Locating lug is positioned same sides of flanged halves.</i>	M3331	2 Pairs	1,3	1.9668/ 1.9673 49.957/ 49.969	2.1260/ 2.1267 54.000/ 54.018	0.8320 21.13	0.0791 2.009	
ACL:3M8293 ~ CLE:MS-1572P~ DAI:M5802A FMO:6791M~ GLA:M3423SA~ NDC:MS-1184~ OEM:48536-7010 VAN:VPM92058A~	F3331	1 Pair	2	1.9673/ 1.9678 49.969/ 49.982	2.1260/ 2.1267 54.000/ 54.018	1.0220 25.96	0.0791 2.009	
5	EJ15	1493 cc	85.00 X 65.80	4 cyl	Impreza			5
	EJ16 SOHC 16 Valve	1597 cc	87.90 X 65.80	4 cyl	Impreza			
CR4280CP ACL:4B8320 DAI:R5700A NDC:CB-2306 OEM:12108-AA530	C4280	4 Pairs		1.8875/ 1.8890 47.943/ 47.981	2.0079/ 2.0085 51.001/ 51.016	0.6154 15.63	0.0590 1.499	
MB5220AM STD/.25/.5 <i>Flange length:</i> <i>STD 21.90 mm (FI STD)</i> <i>0.25 - 22mm (FI oversize 0.1mm)</i> <i>0.50,0.75 - 22.1 mm (FI oversize 0.20 mm)</i> <i>1.0 - 22.30 mm (FI oversize 0.4 mm)</i>	M5220/1	2 Pairs		2.3616/ 2.3622 59.985/ 60.000	2.5195/ 2.5202 63.995/ 64.013	0.7480 19.00	0.0790 2.007	
CLE:MS-2062AL DAI:M5700A NDC:MS-2305 OEM:12209-AA040	M5220/2	2 Pairs		2.3616/ 2.3622 59.985/ 60.000	2.5195/ 2.5202 63.995/ 64.013	0.5950 15.11	0.0790 2.007	
	F5220	1 Pair		2.3616/ 2.3622 59.985/ 60.000	2.5195/ 2.5202 63.995/ 64.013	0.8630 21.92	0.0790 2.007	
MB5234AM STD/.25/.5/.75 <i>same MB5220AM but with FI STD length 21.92 mm in all undersizes.</i>	M5220/1	2 Pairs		3.3616/ 2.3622 85.385/ 60.000	2.5195/ 2.5202 63.995/ 64.013	0.7480 19.00	0.0790 2.007	
CLE:MS-2062AL FMO:7362M VAN:VPM04009	M5220/2	2 Pairs		2.3616/ 2.3622 59.985/ 60.000	2.5195/ 2.5202 63.995/ 64.013	0.5950 15.11	0.0790 2.007	
	F5234	1 Pair		2.3616/ 2.3622 59.985/ 60.000	2.5195/ 2.5202 63.995/ 64.013	0.8630 21.92	0.0790 2.007	
6	EA82C, EA82S SOHC 8 Valve	1985-94	1781 cc	92.00 X 67.00	4 cyl	1800, Leone, Loyale, XT		6
	EA81 OHV	1980-89	1781 cc	92.00 X 67.00	4 cyl	1800, Brat, Leone		
	EA81T Turbo OHV	1983-84	1781 cc	92.00 X 67.00	4 cyl	1800, Brat, Leone		
	EA82T Turbo SOHC 8 valve	1985-90	1781 cc	92.00 X 67.00	4 cyl	1800, Leone, Loyale, XT		
CR4088AM STD/.03/.25/.5/.75 <i>- 1984</i> DAI:R5802A FMO:4-67365RA GLA:B4610SA K.S:CB-1124GP NDC:CB-1124 OEM:12108-AA040 VAN:VPR92087	C4088	4 Pairs		1.7712/ 1.7717 44.988/ 45.001	1.8898/ 1.8904 48.001/ 48.016	0.5220 13.26	0.0587 1.491	
CR4088SI								

SUBARU					SUBARU				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
CR4445AM STD/.25/.5/.75/1.0/1.25/1.5 1984 - ACL: 4B8291 CLE: CB-1217AL (4) DAI: R5803A FMO: 4-67360RA GLA: B4757 NDC: CB-2300 OEM: 382914300 OEM: 12108-AA000	C4445	4 Pairs		1.7712/ 1.7717 44.988/ 45.001	1.8898/ 1.8904 48.001/ 48.016	0.5560 14.12	0.0587 1.491		
MB3324AM STD/.25/.5/.75/1.0 Includes 2 flanged components. Flange length: STD 25.96 mm (FI STD) 0.25 - 26.06 mm (FI oversize 0.1mm) 0.50,0.75 - 26.21 mm (FI oversize 0.25 mm) 1.0, 1.25, 1.5 - 26.46 mm (FI oversize 0.5 mm) ACL: 3M8294 CLE: MS-1571AL DAI: M5803A FMO: 6796M GLA: M3425SA NDC: MS-2300GP OEM: 485437000 OEM: 12215-AA000 VAN: VPM92059	M3324	2 Pairs	1-3	2.1636/ 2.1642 54.955/ 54.971	2.3230/ 2.3236 59.004/ 59.019	0.8270 21.01	0.0795 2.019		
	F3324	1 Pair	2	2.1636/ 2.1642 54.955/ 54.971	2.3230/ 2.3236 59.004/ 59.019	1.0220 25.96	0.0795 2.019		
MB3346AM STD/.25/.5/.75 Same MB3324, but with FI STD length 25.96 mm in all undersizes. ACL: 3M8294 CLE: MS-1571P ~ FMO: 6796M	M3324	2 Pairs	1-3	2.1636/ 2.1642 54.955/ 54.971	2.3230/ 2.3236 59.004/ 59.019	0.8270 21.01	0.0795 2.019		
	F3346	1 Pair	2	2.1636/ 2.1642 54.955/ 54.971	2.3230/ 2.3236 59.004/ 59.019	1.0220 25.96	0.0795 2.019		
7	EJ18E	93-95	1781 cc	87.90 X 75.00	4 cyl	IMPREZA, IMPREZA 4*4, IMPREZA BRIGHTON, IMPREZA L4*4, IMPREZA - LS, IMPREZA - OUTBACK, Legacy			7
	EJ20 DOHC Turbo 16 valve		1994 cc	92.00 X 75.00	4 cyl	Forester, Impreza, Liberty, WRX			
	EJ22E, EJ22EZ SOHC 16 valve	1990-98	2212 cc	97.00 X 75.00	4 cyl	Impreza, Legacy, Outback			
	EJ22T Turbo SOHC 16 valve	1991-94	2212 cc	97.00 X 75.00	4 cyl	Legacy			
	EJ22E		2212 cc	89.90 X 78.50	4 cyl	KEGACY - BRIGHTON, LEGACY - L, LEGACY - L 4*4, LEGACY - L ALPINE, LEGACY - LS, LEGACY - LS 4*4, LEGACY - LS SP, LEGACY - OUTBACK, LEGACY - POSTAL, LEGACY 4*4, LEGAY - GT, OUTDOOR, SUNSPORT LEGACY - SPORT			
	EJ22T TURBO Only with the CP version!		2212 cc	89.90 X 78.50	4 cyl				
CR4125CP STD/.25/.5/.75/1.0/1.25/1.5 For 52mm shaft size. ACL: 4B8296 CLE: CB-1657AL (4) DAI: R5705A FMO: 4-4775 NDC: CB-2305 OEM: 12108AA210~240 VAN: VPR04052	C4125	4 Pairs		2.0466/ 2.0472 51.984/ 51.999	2.1648/ 2.1652 54.986/ 54.996	0.6476 16.45	0.0591 1.501		
CR4125SI STD/.25/.5/.75/1.0/1.25/1.5 For 52mm shaft size. ACL: 4B8296 CLE: CB-1657AL (4) DAI: R5705A FMO: 4-4775 NDC: CB-2305 OEM: 12108AA210~240 VAN: VPR04052	C4125	4 Pairs		2.0466/ 2.0472 51.984/ 51.999	2.1648/ 2.1652 54.986/ 54.996	0.6476 16.45	0.0591 1.501		
CR4280CP For 48mm shaft size. ACL: 4B8320 DAI: R5700A NDC: CB-2306 OEM: 12108-AA530	C4280	4 Pairs		1.8875/ 1.8890 47.943/ 47.981	2.0079/ 2.0085 51.001/ 51.016	0.6154 15.63	0.0590 1.499		
MB5220AM STD/.25/.5 Flange length: STD 21.90 mm (FI STD) 0.25 - 22mm (FI oversize 0.1mm) 0.50,0.75 - 22.1 mm (FI oversize 0.20 mm) 1.0 - 22.30 mm (FI oversize 0.4 mm) CLE: MS-2062AL DAI: M5700A NDC: MS-2305 OEM: 12209-AA040	M5220/1	2 Pairs		2.3616/ 2.3622 59.985/ 60.000	2.5195/ 2.5202 63.995/ 64.013	0.7480 19.00	0.0790 2.007		
	M5220/2	2 Pairs		2.3616/ 2.3622 59.985/ 60.000	2.5195/ 2.5202 63.995/ 64.013	0.5950 15.11	0.0790 2.007		
	F5220	1 Pair		2.3616/ 2.3622 59.985/ 60.000	2.5195/ 2.5202 63.995/ 64.013	0.8630 21.92	0.0790 2.007		
MB5234AM STD/.25/.5/.75	M5220/1	2 Pairs		3.3616/ 2.3622 85.385/ 60.000	2.5195/ 2.5202 63.995/ 64.013	0.7480 19.00	0.0790 2.007		

SUBARU				SUBARU				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
<i>same as MB5220AM but with FI STD length 21.92 mm in all undersizes.</i> CLE:MS-2062AL FMO:7362M VAN:VPM04009	M5220/2	2 Pairs		2.3616/ 2.3622 59.985/ 60.000	2.5195/ 2.5202 63.995/ 64.013	0.5950 15.11	0.0790 2.007	
	F5234	1 Pair		2.3616/ 2.3622 59.985/ 60.000	2.5195/ 2.5202 63.995/ 64.013	0.8630 21.92	0.0790 2.007	
MB5382AM STD/.25/.5/.75 <i>flange in # 5 position</i> ACL:5M8309	M5382/1	2 Pairs	1,3	2.0466/ 2.0472 51.984/ 51.999	2.1654/ 2.1661 55.001/ 55.019	0.7460 18.95	0.0790 2.007	
	M5220/2	2 Pairs	2,4	2.0466/ 2.0472 51.984/ 51.999	2.1654/ 2.1661 55.001/ 55.019	0.5905 15.00	0.0790 2.007	
	F5382	1 Pair	5	2.0466/ 2.0472 51.984/ 51.999	2.1654/ 2.1661 55.001/ 55.019	0.9023 22.92	0.0790 2.007	
8	EJ25 SOHC 16 valve	1999-06	2457 cc	99.50 X 79.00	4 cyl	BAJA, Forester, Impreza, Legacy, Outback	8	
CR4125CP STD/.25/.5/.75/1.0/1.25/1.5 ACL:4B8296 CLE:CB-1657AL(4) DAI:R5705A FMO:4-4775 NDC:CB-2305 OEM:12108AA210~240 VAN:VPR04052	C4125	4 Pairs		2.0466/ 2.0472 51.984/ 51.999	2.1648/ 2.1652 54.986/ 54.996	0.6476 16.45	0.0591 1.501	
	M5382/1	2 Pairs	1,3	2.0466/ 2.0472 51.984/ 51.999	2.1654/ 2.1661 55.001/ 55.019	0.7460 18.95	0.0790 2.007	
	M5220/2	2 Pairs	2,4	2.0466/ 2.0472 51.984/ 51.999	2.1654/ 2.1661 55.001/ 55.019	0.5905 15.00	0.0790 2.007	
MB5382AM STD/.25/.5/.75 <i>flange in # 5 position</i> ACL:5M8309	M5382	1 Pair	5	2.0466/ 2.0472 51.984/ 51.999	2.1654/ 2.1661 55.001/ 55.019	0.9023 22.92	0.0790 2.007	
	9	EJ25 DOHC 16 valve	1996-99	2457 cc	99.50 X 79.00	4 cyl	Forester, Impreza, Legacy	9
	CR4280CP ACL:4B8320 DAI:R5700A NDC:CB-2306 OEM:12108-AA530	C4280	4 Pairs		1.8875/ 1.8890 47.943/ 47.981	2.0079/ 2.0085 51.001/ 51.016	0.6154 15.63	0.0590 1.499
M5220/1		2 Pairs		3.3616/ 2.3622 85.385/ 60.000	2.5195/ 2.5202 63.995/ 64.013	0.7480 19.00	0.0790 2.007	
M5220/2		2 Pairs		2.3616/ 2.3622 59.985/ 60.000	2.5195/ 2.5202 63.995/ 64.013	0.5950 15.11	0.0790 2.007	
MB5234AM STD/.25/.5/.75 <i>same MB5220AM but with FI STD length 21.92 mm in all undersizes.</i> CLE:MS-2062AL FMO:7362M VAN:VPM04009	F5234	1 Pair		2.3616/ 2.3622 59.985/ 60.000	2.5195/ 2.5202 63.995/ 64.013	0.8630 21.92	0.0790 2.007	
	10	ER27 SOHC 12 valve	7/87-9/91	2672 cc	92.00 X 67.00	6 cyl	XT6, Arcyone	10
	CR6753AM <i>Under Development</i> ACL:6B1470 DAI:R5874A NDC:CB-2304 OEM:12108-AA130	C6753*	6 Pairs		1.7715/ 1.7720 44.996/ 45.009	1.8898/ 1.8904 48.001/ 48.016	0.5760 14.63	0.0587 1.491
M4059*		3 Pairs	1,2,4	2.1636/ 2.1642 54.955/ 54.971	2.3230/ 2.3236 59.004/ 59.019	0.8320 21.13	0.0795 2.019	
F4059*		1 Pair	3	2.1636/ 2.1642 54.955/ 54.971	2.3228/ 2.3238 58.999/ 59.025	1.0220 25.96	0.0795 2.019	
MB4059AM <i>Under Development</i> <i>Includes 2 flanged components. Flange length:</i> <i>STD 25.96 mm (FI STD)</i> <i>0.25 - 26.06 mm (FI oversize 0.1mm)</i> <i>0.50 - 26.21 mm (FI oversize 0.25 mm)</i> ACL:4M2005 DAI:M5874A NDC:MS-2304 OEM:12211-AA000								

Engine Index: SUBARU PERFORMANCE

Engine-Code	Years	Cyl	CC	Line
EJ15 SOHC Series	1990-	4	1493	1
EJ16 SOHC Series	1993-	4	1597	1
EJ18 SOHC series	1993-97	4	1781	1
EJ20 \ EJ20T TURBO		4	1994	1

Engine-Code	Years	Cyl	CC	Line
EJ22 \ EJ22T TURBO		4	2212	1
EJ25 / EJ25T TURBO		4	2458	1

Car Model Index: SUBARU PERFORMANCE

Model	Engine	Years	Cyl	CC	Line

SUBARU PERFORMANCE						SUBARU PERFORMANCE		
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
1	EJ15 SOHC Series	1990-2003	1493 cc	85.00 X 65.80	4 cyl		1	
	EJ16 SOHC Series	1993-2006	1597 cc	87.90 X 65.80	4 cyl			
	EJ18 SOHC series	1993-97	1781 cc	87.90 X 75.00	4 cyl			
	EJ20 \ EJ20T TURBO		1994 cc	89.90 X 78.50	4 cyl			
	EJ22 \ EJ22T TURBO		2212 cc	89.90 X 78.50	4 cyl			
	EJ25 / EJ25T TURBO		2458 cc	99.50 X 79.00	4 cyl			
CR4125XP ^{STD/.25/.5} <i>SUPERSEDED BY CR4125XP (for 52mm journal)</i> ACL: 4B88296H	C4125/PR	4 Pairs		2.0466/ 2.0472 51.984/ 51.999	2.1654/ 2.1661 55.001/ 55.019	0.6500 16.51	0.0591 1.501	
CR4280XP ^{STD/.25/.5} <i>For 48 mm shaft size.</i> ACL: 4B88320H	C4280-PR	4 Pairs		1.8891/ 1.8898 47.983/ 48.001	2.0077/ 2.0083 50.996/ 51.011	0.6150 15.62	0.0590 1.499	
MB5220XP ^{STD/.25/.5} <i>For engines with Flange bearing in position #3.</i> <i>Flange length:</i> <i>STD 21.90 mm (FI STD)</i> <i>0.25 - 22mm (FI oversize 0.1mm)</i> <i>0.50,0.75 - 22.1 mm (FI oversize 0.20 mm)</i> ACL: 5M8297H	M5220/1PR	2 Pairs	1,5	2.3616/ 2.3622 59.985/ 60.000	2.5195/ 2.5202 63.995/ 64.013	0.7480 19.00	0.0790 2.007	
	M5220/2PR	2 Pairs	2,4	2.3616/ 2.3622 59.985/ 60.000	2.5195/ 2.5202 63.995/ 64.013	0.5950 15.11	0.0790 2.007	
	F5220/PR	1 Pair	3	2.3616/ 2.3622 59.985/ 60.000	2.5195/ 2.5202 63.995/ 64.013	0.8630 21.92	0.0790 2.007	
MB5382XP ^{STD/.25/.5} <i>SUPERSEDED BY MB5382XP flange in # 5 position</i> ACL: 5M8309H	M5382/1PR	2 Pairs	1,3	2.3616/ 2.3622 59.985/ 60.000	2.5197/ 2.5205 64.000/ 64.021	0.7480 19.00	0.0789 2.004	
	M5382/2PR	2 Pairs	2,4	2.3616/ 2.3622 59.985/ 60.000	2.5197/ 2.5202 64.000/ 64.013	0.5950 15.11	0.0789 2.004	
	F5382/PR	1 Pair	5	2.3616/ 2.3622 59.985/ 60.000	2.5197/ 2.5202 64.000/ 64.013	0.9040 22.96	0.0789 2.004	

Engine Index: SUNBEAM

Engine-Code	Years	Cyl	CC	Line
C.R. /9.34:1		4	1725	1
C.R. 10.37:1		4	1725	1

Engine-Code	Years	Cyl	CC	Line

Car Model Index: SUNBEAM

Model	Engine	Years	Cyl	CC	Line
Alpine	C.R. /9.34:1	1966-76	4	1725	1
Alpine	C.R. 10.37:1	1966-76	4	1725	1
Alpine Series li, lii	C.R. /9.34:1	1961-65	4	1725	1
Rapier	C.R. /9.34:1	1966-76	4	1725	1
Rapier	C.R. 10.37:1	1966-76	4	1725	1
Rapier H120	C.R. 10.37:1	1961-65	4	1725	1

Model	Engine	Years	Cyl	CC	Line
Singer Gazelle	C.R. /9.34:1	1966-70	4	1725	1
Singer Vogue	C.R. /9.34:1	1966-70	4	1725	1
Singer Vogue	C.R. 10.37:1	1965	4	1725	1
Singer Vogue	C.R. 10.37:1	1966-70	4	1725	1
VoGue	C.R. 10.37:1	1966-76	4	1725	1

SUNBEAM				SUNBEAM			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	C.R. /9.34:1	1725 cc	81.54 X 82.55	4 cyl	Alpine, Alpine Series li, lii, Rapier, Singer Gazelle, Singer Vogue	1	
	C.R. 10.37:1	1725 cc	81.54 X 82.59	4 cyl	Alpine, Rapier, Rapier H120, Singer Vogue, Singer Vogue, VoGue		
CR4409AM STD/040/050	C4409	4 Pairs		2.1255/ 2.1260 53.988/ 54.000	2.2710/ 2.2715 57.683/ 57.696	0.7550 19.18	0.0722 1.834
CS 312BB							
MB 525AM 040/050	M 525/1	3 Pairs	1-3-5	2.3740/ 2.3745 60.300/ 60.312	2.5197/ 2.5205 64.000/ 64.021	1.3800 35.05	0.0723 1.836
	M 525/2	2 Pairs	2-4	2.3740/ 2.3745 60.300/ 60.312	2.5197/ 2.5205 64.000/ 64.021	0.7600 19.30	0.0723 1.836
TW 103AM							

Engine Index: SUZUKI

Engine-Code	Years	Cyl	CC	Line
F5A, F5A-T	5/79-2/90	3	543	1
F8B (Y64)	12/79-	3	796	2
F8A	12/79-	4	797	3
F10A	8/82-7/91	4	970	3
G10 SOHC 6 valve	10/83-	3	993	4
G10T Turbo SOHC 6 valve	1987-93	3	993	4
Z13DT	2006-	4	1251	5
G13B, G13BA SOHC 8 valve	8/1984-	4	1298	6
G13BB SOHC 16 valve	1998-01	4	1298	6
G13K DOHC 16 valve	1989-94	4	1298	6
G13A SOHC 8 valve	8/1984-	4	1324	6

Engine-Code	Years	Cyl	CC	Line
G15A	7/1991-	4	1493	7
G16A,G16B SOHC 16 valve	5/1988-	4	1590	7
G16KC SOHC 8 valve	1989-95	4	1590	7
G16KV SOHC 16 valve	5/1988-	4	1590	7
G18K DOHC 16 valve	1996-02	4	1840	10
199A5.000		4	1910	8
AR37101		4	1910	9
J20A DOHC 16 valve	1999-05	4	1995	10
H25A	1999-	6	2495	11
H27A	1999-	6	2736	11

Car Model Index: SUZUKI

Model	Engine	Years	Cyl	CC	Line
Aerio	J20A DOHC 16	2002-03	4	1995	10

Model	Engine	Years	Cyl	CC	Line
Alto	F8B (Y64)		3	796	2

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CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

Model	Engine	Years	Cyl	CC	Line
Cultus 1000	G10T Turbo SOHC		3	993	4
Cultus, Samurai	G13B, G13BA		4	1298	6
Cultus, Samurai	G13A SOHC 8		4	1324	6
Escude, Cultus	G15A		4	1493	7
Escude, Cultus	G16A, G16B SOHC		4	1590	7
Escude, Cultus	G16KV SOHC 16		4	1590	7
Esteem, Sidekick	G18K DOHC 16		4	1840	10
Esteem, Vitara, X90	G16A, G16B SOHC		4	1590	7
Esteem, Vitara, X90	G16KV SOHC 16		4	1590	7
Foreza	J20A DOHC 16	2004-05	4	1995	10
Forsa	G10 SOHC 6 valve		3	993	4
Forsa	G10T Turbo SOHC		3	993	4
Fronte	G10 SOHC 6 valve		3	993	4
Gemini, Jimny, Alto	F8A		4	797	3
Grand Vitara	H25A	1999-	6	2495	11
Ignis TD 16V	Z13DT	11/2003-	4	1251	5
Jimny, Alto	F10A		4	970	3

Model	Engine	Years	Cyl	CC	Line
SJ410	G10 SOHC 6 valve		3	993	4
Servo, Carry, Fronte	F5A, F5A-T		3	543	1
Sidekick	G13A SOHC 8		4	1324	6
Sidekick	G16KC SOHC 8		4	1590	7
Sidekick, Swift	G13B, G13BA		4	1298	6
Suzuki Grand Vitara JB	H27A	2005-	6	2736	11
Suzuki XL-7 JA	H27A	2001-	6	2736	11
Swift	G13BB SOHC 16		4	1298	6
Swift DDIC 16V	Z13DT	2006-	4	1251	5
Swift GTi	G13K DOHC 16		4	1298	6
Sx4 1.9 Ddis 8V	AR37101	04.2006-	4	1910	9
Vitara	J20A DOHC 16	1999-03	4	1995	10
Vitara	H25A	1999-	6	2495	11
Vitara 1.9 JTD 16V	199A5.000	2005-	4	1910	8
Wagon R+ DDIC 16V	Z13DT	2006-	4	1251	5

SUZUKI					SUZUKI				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
1	F5A, F5A-T	5/79-2/90	543 cc	62.00 X 60.00	3 cyl	Servo, Carry, Fronte			1
CR 323AM <i>Under Development</i>	C 323*	3 Pairs		0.0000/ 1.2598 0.000/ 31.999	13.7800/ 0.0000 350.012/ 0.000	0.6339 16.10	0.0587 1.491		
DAI: R5902A GLA: B3063SA NDC: CB-2402 OEM: 12181-78110									
MB4042AM <i>Under Development</i>	M4042U* M4042L*	4 Pairs	1-4	0.0000/ 1.5748 0.000/ 40.000	1.7323/ 0.0000 44.000/ 0.000	0.6744 17.13	0.0784 1.991		
DAI: M5901A GLA: M4264SA NDC: MS-2402 OEM: 12300-78810									
TW 161AM <i>Under Development</i>	W 161	1 Pair		0.0000/ 1.8600 0.000/ 47.244	2.4800/ 0.0000 62.992/ 0.000	0.0000 0.00	0.0992 2.520		
DAI: T5901A NDC: TW-2402A OEM: 12300-78830									
2	F8B (Y64) (SS80)	12/79-7/91	796 cc	79.60 X 68.50	3 cyl	Alto			2
CR 324AM	C4489	3 Pairs		1.4953/ 1.4957 37.981/ 37.991	1.6141/ 1.6149 40.998/ 41.018	0.7125 18.10	0.0587 1.491		
DAI: R5901A GLA: B3062SA NDC: CB-2401 OEM: 12181-73000 VAN: VPR92407									
MB4043AM	M4043	4 Pairs	1-4	1.9679/ 1.9685 49.985/ 50.000	2.1260/ 2.1267 54.000/ 54.018	0.6732 17.10	0.0783 1.989		
DAI: M5990A GLA: M4282SA GLY: H1123/4 NDC: MS-2401 OEM: 12300-78860 VAN: VPM92660									
TW 160AM_{STD/13}	W 160	1 Pair		2.2539/ 2.2638 57.249/ 57.501	2.8642/ 2.8740 72.751/ 73.000	0.0000 0.00	0.0992 2.520		
DAI: T5983A GLY: A219/2 NDC: TW-1179A OEM: 12300-73830									
3	F8A	12/79-9/88	797 cc	62.00 X 66.00	4 cyl	Gemini, Jimny, Alto			3
F10A		8/82-7/91	970 cc	65.50 X 72.00	4 cyl	Jimny, Alto			
CR4489AM_{STD/25/5/75/1.0/1.5}	C4489	4 Pairs		1.4953/ 1.4957 37.981/ 37.991	1.6141/ 1.6149 40.998/ 41.018	0.7125 18.10	0.0587 1.491		
ACL: 4B8341 CLE: CB-1452AL (4) DAI: R5983A FMO: 4-66755RA GLA: B4655SA GLY: 01-4203 NDC: CB-1179 OEM: GM#96659184 OEM: 12181-73000 VAN: VPR92062A									
MB5501AM_{STD/25/5/75/1.0}	M5501	5 Pairs		1.9677/ 1.9681 49.980/ 49.990	2.1259/ 2.1268 53.998/ 54.021	0.7913 20.10	0.0783 1.989		
ACL: 5M8342 CLE: MS-1753 DAI: M5983A FMO: 6660M GLA: M5434SA GLY: H1062/5 NDC: MS-1179A OEM: 12300-73810 VAN: VPM92063A									
TW 160AM_{STD/13}	W 160	1 Pair		2.2539/ 2.2638 57.249/ 57.501	2.8642/ 2.8740 72.751/ 73.000	0.0000 0.00	0.0992 2.520		
DAI: T5983A GLY: A219/2									

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CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

SUZUKI					SUZUKI			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
NDC:TW-1179A	OEM:12300-73830							
4	G10 SOHC 6 valve	10/83-7/91	993 cc	74.00 X 77.00	3 cyl	Forsa, Fronte, SJ410	4	
	G10T Turbo SOHC 6 valve	1987-93	993 cc	74.00 X 77.00	3 cyl	Cultus 1000, Forsa		
CR 307AM STD/.25/.5/.75/1.0	C 307	3 Pairs		1.6535/ 0.0000 41.999/ 0.000		0.0000/ 1.7724 0.000/ 45.019	0.7091 18.01	0.0587 1.491
ACL:3B8336 CLE:CB-1401AL (3) DAI:R5985A FMO:3-1140RA GLA:B3064LC NDC:CB-2403 OEM:12100-82810								
MB 454AM STD/.25/.5/.75/1.0/1.25/1.5	M 454U M 454L	4 Pairs		0.0000/ 1.7710 0.000/ 44.983		0.0000/ 1.9299 0.000/ 49.019	0.7087 18.00	0.0790 2.007
ACL:4M8337 CLE:MS-1708 DAI:M5985A FMO:6685M GLA:M4271LC NDC:MS-2403A OEM:12300-82810								
TW 134AM STD/.25	W 134	1 Pair		2.0571/ 2.0669 52.250/ 52.499		2.6673/ 2.6771 67.749/ 67.998	0.0000 0.00	0.0992 2.520
ACL:1T8337 CLE:TW- 455S DAI:T5985A FMO:1063AF K.S:TW-2403A NDC:TW-2403A OEM:12340-82820 OEM:12300-82820								
5	Z13DT	2006-	1251 cc	69.60 X 82.00	4 cyl	Ignis TD 16V, Swift DDIC 16V, Wagon R+ DDIC 16V	5	
CR4377CA STD/010/020/030/040	C4377U C4377L	4 Pairs		1.6764/ 1.6772 42.581/ 42.601		1.8005/ 1.8009 45.733/ 45.743	0.7870 19.99	0.0610 1.549
GLY:71-4033/4								
MB5414SI STD	M5414U M5414L	4 Pairs	1,2,4,5	2.0072/ 2.0079 50.983/ 51.001		2.1539/ 2.1544 54.709/ 54.722	0.7480 19.00	0.0726 1.844
GLY:H1011/5								
	F5414 M5414U	1 Pair	3	2.0072/ 2.0079 50.983/ 51.001		2.1539/ 2.1544 54.709/ 54.722	0.9430 23.95	0.0726 1.844
6	G13B, G13BA SOHC 8 valve	8/1984-97	1298 cc	74.00 X 75.50	4 cyl	Cultus, Samurai, Sidekick, Swift	6	
	G13BB SOHC 16 valve	1998-01	1298 cc	74.00 X 75.50	4 cyl	Swift		
	G13K DOHC 16 valve	1989-94	1298 cc	74.00 X 75.50	4 cyl	Swift GTi		
	G13A SOHC 8 valve	8/1984-89	1324 cc	74.00 X 77.00	4 cyl	Cultus, Samurai, Sidekick		
CR4020AM STD/.25/.5/.75/1.0/1.25/1.5	C 307	4 Pairs		1.6531/ 0.0000 41.989/ 0.000		0.0000/ 1.7724 0.000/ 45.019	0.7091 18.01	0.0587 1.491
ACL:4B9318 CLE:CB-1401AL (4) DAI:R5986A FMO:4-1140RA GLA:B4689 GLY:01-4119/4 NDC:CB-2404A OEM:12100-82820 OEM:12100-82810 VAN:VPR92333								
MB5556AM STD/.25/.5/.75/1.0/1.25/1.5	M 454U M 454L	5 Pairs		1.7710/ 0.0000 44.983/ 0.000		0.0000/ 1.9299 0.000/ 49.019	0.7087 18.00	0.0790 2.007
ACL:5M8337 CLE:MS-1779AL DAI:M5986A FMO:7095M GLA:M5483LC GLY:H1159/5 NDC:MS-2404A OEM:12340-83000 OEM:12300-82810 VAN:VPM92331								
TW 134AM STD/.25	W 134	1 Pair		2.0571/ 2.0669 52.250/ 52.499		2.6673/ 2.6771 67.749/ 67.998	0.0000 0.00	0.0992 2.520
ACL:1T8337 CLE:TW- 455S DAI:T5985A FMO:1063AF K.S:TW-2403A NDC:TW-2403A OEM:12340-82820 OEM:12300-82820								
7	G15A	7/1991-	1493 cc	75.00 X 84.50	4 cyl	Escude, Cultus	7	
	G16A,G16B SOHC 16 valve	5/1988-01	1590 cc	75.00 X 90.00	4 cyl	Escude, Cultus, Esteem, Vitara, X90		
	G16KV SOHC 16 valve	5/1988-01	1590 cc	75.00 X 90.00	4 cyl	Escude, Cultus, Esteem, Vitara, X90		
	G16KC SOHC 8 valve	1989-95	1590 cc	75.00 X 90.00	4 cyl	Sidekick		
CR4056AM STD/.25/.5/.75/1.00/1.25/1.5	C4056	4 Pairs		1.7316/ 1.7323 43.983/ 44.000		1.8504/ 1.8510 47.000/ 47.015	0.7130 18.11	0.0591 1.501
ACL:4B8340 CLE:CB-1477AL (4) FMO:4-4190RA GLA:B4782SA NDC:CB-2405 OEM:12100-60820								
MB5587AM STD/.25/.5/.75/1.0	M5587U M5587L	5 Pairs		0.0000/ 0.0000 0.000/ 0.000		0.0000/ 2.2070 0.000/ 56.058	0.7130 18.11	0.0789 2.004
ACL:5M8339 CLE:MS-1820AL DAI:M5987A FMO:7208M GLA:M5573SA NDC:MS-2405 OEM:12340-60A10								
TW 144AM	W 144	1 Pair		2.3327/ 2.3425 59.251/ 59.500		2.9429/ 2.9528 74.750/ 75.001	0.0000 0.00	0.0992 2.520

SUZUKI				SUZUKI				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
ACL:1T8339 DAI:T5987A NDC:TW-2405GP	CLE:TW- 478S FMO:4191AF OEM:12300-60820							
8	199A5.000 937A4.000 -		1910 cc	82.00 X 90.40	4 cyl	Vitara 1.9 JTD 16V	8	
CR4531SX STD/010/020/030/040/050/060/.25/.5/ SUPERSEDED BY CR4531SX GLY: 71-3994	C4171	4 Pairs	1-4	1.9995/ 2.0002 50.787/ 50.805	2.1221/ 2.1226 53.901/ 53.914	0.7677 19.50	0.0604 1.534	
MB5644CA STD/010/020/030/040/.25/.5/.75/1.0 SUPERSEDED BY MB5644SI	M 607 M5644	5 Pairs		2.3615/ 2.3622 59.982/ 60.000	2.5081/ 2.5086 63.706/ 63.718	0.8130 20.65	0.0726 1.844	
TW1005AMSTD GLY:A191/2 VAN:VPW02015A	W1005	1 Pair		2.6687/ 2.6787 67.785/ 68.039	3.2451/ 3.2550 82.426/ 82.677	0.0000 0.00	0.0978 2.484	
9	AR37101 182B9.000 - 186A8.000 - 192A1.000 - 937A2.000 - Z19DTJ -		1910 cc	82.00 X 90.40	4 cyl	Sx4 1.9 Ddis 8V	9	
CR4531CP STD/010/020/030/040/050/060/.25/.5/ IS IDENTICAL TO CR4531SX GLY: 71-4129/4 OEM: 71728417 x 8 VAN:VPR04044AL	C4171	4 Pairs	1-4	1.9995/ 2.0002 50.787/ 50.805	2.1221/ 2.1226 53.901/ 53.914	0.7677 19.50	0.0604 1.534	
MB5412SI STD/010/020/030/040/.25/.5/.75/1.0 SUPERSEDED BY MB5412SI FMO: 7332M GLY:H1095/5 VAN:VPM05034A	M 607	5 Pairs		2.3615/ 2.3622 59.982/ 60.000	2.5081/ 2.5086 63.706/ 63.718	0.8130 20.65	0.0726 1.844	
TW1005AMSTD GLY:A191/2 VAN:VPW02015A	W1005	1 Pair		2.6687/ 2.6787 67.785/ 68.039	3.2451/ 3.2550 82.426/ 82.677	0.0000 0.00	0.0978 2.484	
10	G18K DOHC 16 valve J20A DOHC 16 valve	1996-02 1999-05	1840 cc 1995 cc	84.00 X 83.00	4 cyl 4 cyl	Esteem, Sidekick Aerio, Forenza, Vitara	10	
CR4262AMSTD/.25/.5/.75 ACL:4B8306 OEM:12100-85822(4) OEM:12100-85822-OAO	C4262	4 Pairs		1.9678/ 1.9685 49.982/ 50.000	2.0866/ 2.0873 53.000/ 53.017	0.6350 16.13	0.0587 1.491	
MB5285AM ACL:5M8307 GLY:H1277/5 OEM:12340-85FB0-OAO	M5285U M5285L	5 Pairs	1-5	2.2828/ 2.2835 57.983/ 58.001	2.4409/ 2.4416 61.999/ 62.017	0.7530 19.13	0.0789 2.004	
TW 168AM ACL:1T8307 OEM:12300-85830	W 168	1 Pair		0.0000/ 2.8150 0.000/ 71.501	0.0000/ 3.3287 0.000/ 84.549	0.0000 0.00	0.0980 2.489	
11	H25A H27A	1999-2005 1999-2005	2495 cc 2736 cc	84.00 X 75.00 88.00 X 75.00	6 cyl 6 cyl	Grand Vitara, Vitara Suzuki Grand Vitara JB, Suzuki XL-7 JA	11	
CR6816SISTD/.25/.5/.75 OEM:12100-85822(6)	C4262	6 Pairs		1.9678/ 1.9685 49.982/ 50.000	2.0866/ 2.0873 53.000/ 53.017	0.6350 16.13	0.0587 1.491	
MB4507SISTD/.25/.5 Under Development OEM:S 12340 86FALJ	M4507U M4507L	4 Pairs	1-4	0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.0000 0.000	
TW 168AM ACL:1T8307 OEM:12300-85830	W 168	1 Pair		0.0000/ 2.8150 0.000/ 71.501	0.0000/ 3.3287 0.000/ 84.549	0.0000 0.00	0.0980 2.489	

Engine Index: TALBOT

Engine-Code	Years	Cyl	CC	Line
B1		4	928	1
XV5		4	954	4
10AE11		4	1118	2
2 E1/3 E1		4	1118	2
2 E1/BCT		4	1118	2
350/3 E1A		4	1118	2
350S		4	1118	2
351		4	1118	2
351/3 E1A		4	1118	2
BTC		4	1118	2
BTC/3 E1		4	1118	2
XW3,XW3S,108/9		4	1124	4
XW7, 109/3/5F/K		4	1124	4
129/5,A/C700,XZ		4	1218	3
2 G1		4	1294	5
2 G1A/BTC		4	1294	5
3 G2		4	1294	5
3 G2/3 G4		4	1294	5
3 GE/3 G4		4	1294	5
366		4	1294	5

Engine-Code	Years	Cyl	CC	Line
371-1G1/1G4/954 Anti-clockwise		4	1294	5
6 G1/ 6 G4		4	1294	5
1295		4	1295	7
5KE/K3 (150.B)		4	1360	4
XY 6B(150.3)		4	1360	4
2Y1B/2Y1/2Y2		4	1442	5
3Y1		4	1442	5
6Y1		4	1442	5
6Y2		4	1442	5
6Y4/80CV		4	1442	5
Y2		4	1442	5
Y2/BTC		4	1442	5
1592		4	1592	6
1598		4	1598	7
XUD9/A/B, 162 Diesel		4	1905	8
OE138 Diesel		4	2260	9
U8, XD2S(147) Diesel		4	2304	10
U25/651,U25/661 Diesel		4	2500	11
ZM/ZMJ/112/144 V6 Carburettor		6	2664	12

Car Model Index: TALBOT

Model	Engine	Years	Cyl	CC	Line
1000 GLS Rallye, 1006	10AE11	1970-	4	1118	2
1000 Rallye	351/3 E1A	1970-	4	1118	2
1000 Rallye 1	371-1G1/1G4/954	1972-	4	1294	5
1000 Rallye 2	371-1G1/1G4/954	1973-	4	1294	5
1000 S Special	351/3 E1A	1969-	4	1118	2
1000 Special	351	1970-	4	1118	2
1000 Special	10AE11	1969-72	4	1118	2
1000 Special	371-1G1/1G4/954		4	1294	5
10006 GLS	2 E1/3 E1	1977-	4	1118	2
1000GLS	350S		4	1118	2
1100 ES	350/3 E1A	1974-	4	1118	2
1100 ES,GLX	350S	1977-	4	1118	2
1100 GL,GLS,SX	3Y1	1980-	4	1442	5
1100 GLS	351/3 E1A	1973-	4	1118	2
1100	10AE11	1971-	4	1118	2
1100 LE	BTC/3 E1	1977-	4	1118	2
1100 LE,LX Fourgonette	350/3 E1A	1968-	4	1118	2
1100 LS,GLS,Break	BTC/3 E1	1974-	4	1118	2
1100 LX	BTC/3 E1	1975-	4	1118	2
1100 Special	3 G2	1973-	4	1294	5
1100 Special, Break	3 GE/3 G4	1974-	4	1294	5
1100 Special,Break	3 G2/3 G4	1974-	4	1294	5
1100 TI	3 GE/3 G4	1974-	4	1294	5
1100,LX	BTC	1977-	4	1118	2
1100ES	2 E1/3 E1	1977-	4	1118	2
1100LS	350/3 E1A	1973-	4	1118	2
1307 GLS	6 G1/ 6 G4	1976-	4	1294	5
1307S	6 G1/ 6 G4	1976-	4	1294	5
1308 GT,S	6Y2	1967-79	4	1442	5
1510 GL,GLS	6Y2	1980-	4	1442	5
1510 LS	6 G1/ 6 G4	1980-	4	1294	5
Avenger 1.3LS,GL	1295	1980-81	4	1295	7
Avenger 1600LS, GL,	1598	1980-81	4	1598	7
Chrysler Avenger	1295	1977-80	4	1295	7
Chrysler Avenger	1598	1977-80	4	1598	7
Chrysler Sunbeam	1295	1977-80	4	1295	7
Chrysler Sunbeam	1598	1978-80	4	1598	7

Model	Engine	Years	Cyl	CC	Line
ES	10AE11	1974-	4	1118	2
Express	U25/651,U25/661	1982-	4	2500	11
Fourgonette VF1,VF2	10AE11	1973-	4	1118	2
GLS	10AE11	1972-	4	1118	2
Horizon D, LD, EXD	XUD9/A/B, 162	1982-85	4	1905	8
Horizon EX	2Y1B/2Y1/2Y2	1982-	4	1442	5
Horizon GL	2 E1/3 E1	1978-	4	1118	2
Horizon GL	2 G1	1981-	4	1294	5
Horizon GL	2 G1A/BTC	1979-	4	1294	5
Horizon GL	2Y1B/2Y1/2Y2	1981-	4	1442	5
Horizon GL, LS, GLS,	366	1980-81	4	1294	5
Horizon GLS	2 G1	1978-	4	1294	5
Horizon GLS	2Y1B/2Y1/2Y2	1979-	4	1442	5
Horizon Jubile	2Y1B/2Y1/2Y2	1979-	4	1442	5
Horizon LS	350/3 E1A	1973-	4	1118	2
Horizon LS	2 E1/3 E1	1979-	4	1118	2
Horizon LS	2 E1/BCT	1979-	4	1118	2
Horizon LS	10AE11	1967-72	4	1118	2
Horizon SX	2Y1B/2Y1/2Y2	1979-	4	1442	5
Karrier Bantam 2-5 Ton	OE138 Diesel	1957-61	4	2260	9
L,LS	10AE11	1968-	4	1118	2
Matra Bagheera	3 G2/3 G4	1978-	4	1294	5
Matra Bagheera	Y2	1979-	4	1442	5
Matra Bagheera	3 GE/3 G4	1977-	4	1294	5
Matra Bagheera	6Y4/80CV	1977-	4	1442	5
Matra Bagheera Jubile	6Y4/80CV	1979-	4	1442	5
Matra Bagheera S, X	6Y4/80CV	1978-	4	1442	5
Matra Rancho	Y2/BTC		4	1442	5
Pick Up Fourgonette	2 E1/BCT	1980-	4	1118	2
Rancho	6Y4/80CV		4	1442	5
Rancho Grand Raid	Y2/BTC		4	1442	5
Samba Cabriolet	XY 6B(150.3)	1982-	4	1360	4
Samba GL, GR, LS	XW3,XW3S,108/9	1981-	4	1124	4
Samba	XW7, 109/3/5F/K	1982-86	4	1124	4
Samba GL/LS	XV5		4	954	4
Samba GLS 6/7 CV	5KE/K3 (150.B)	1982-	4	1360	4
Samba Rallye 7 CV	5KE/K3 (150.B)	1985-	4	1360	4

Model	Engine	Years	Cyl	CC	Line
Samba Raylle	129/5,A/C700,XZ	1983-85	4	1218	3
Singer Vogue, Gazelle	1592	1961-65	4	1592	6
Solara D	XUD9/A/B, 162	1982-86	4	1905	8
Solara GL	6Y2	1980-	4	1442	5
Solara GL, SL, SX	366	1983-	4	1294	5
Solara LS	6Y1	1980-	4	1442	5
Solara LS, LE, GL	366	1982-83	4	1294	5
Sunbeam 1.0 LS, GL	B1	1977-79	4	928	1

Model	Engine	Years	Cyl	CC	Line
Sunbeam 1.0LS, GL	B1	1980-81	4	928	1
Sunbeam 1.3LS, GL	1295	1980-81	4	1295	7
Sunbeam 1.6GL, GLS	1598	1980-81	4	1598	7
Tagora 2.3D Turbo	U8, XD2S(147)	1980-83	4	2304	10
Tagora SX 2.6	ZM/ZMJ/112/144	1981-84	6	2664	12
VF1 Fourgonette 1100	2 E1/BCT	1973-	4	1118	2
VF2, VF3	2 E1/BCT	1973-	4	1118	2

TALBOT				TALBOT				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
1	B1			928 cc	70.00 X 60.30	4 cyl	Sunbeam 1.0 LS, GL, Sunbeam 1.0LS, GL	1
TW 104AM <i>Under Development</i> FMO: 2897AF GLA: W2127SA GLY: A182/2 VAN: VPW34		W 104	1 Pair		2.1500/ 2.1600 54.610/ 54.864	2.7400/ 2.7500 69.596/ 69.850	0.0000 0.00	0.0920 2.337
2	350S			1118 cc	74.00 X 64.99	4 cyl	1000GLS, 1100 ES, GLX	2
	350/3 E1A			1118 cc	74.00 X 65.00	4 cyl	1100 ES, 1100 LE, LX Fourgonette, 1100LS, Horizon LS	
	351/3 E1A			1118 cc	74.00 X 65.00	4 cyl	1000 Rallye, 1000 S Special, 1100 GLS	
	2 E1/3 E1			1118 cc	74.00 X 65.00	4 cyl	10006 GLS, 1100ES, Horizon GL, Horizon LS	
	2 E1/BCT			1118 cc	74.00 X 65.00	4 cyl	Horizon LS, Pick Up Fourgonette, VF1 Fourgonette 1100, VF2, VF3	
	BTC			1118 cc	74.00 X 65.00	4 cyl	1100, LX	
	BTC/3 E1			1118 cc	74.00 X 65.00	4 cyl	1100 LE, 1100 LS, GLS, Break, 1100 LX	
	351			1118 cc	74.00 X 65.00	4 cyl	1000 Special	
	10AE11			1118 cc	74.00 X 65.00	4 cyl	1000 GLS Rallye, 1006, 1000 Special, 1100 L, GLS, L5, LX, GL, ES, ES, Fourgonette VF1, VF2, GLS, Horizon LS, L, LS	
CR4432AM STD/.25/.5/.75/1.0/1.25/1.5 <i>Some engines are fitted with crankshafts 0.25mm undersize as original equipment.</i> ACL: 4B9410 CLE: CB- 833AL (4) FMO: 4-61820RA GLA: B4507SA GLY: 01-4172/4 VAN: VPR91302A		C4432	4 Pairs		1.6126/ 1.6129 40.960/ 40.968	1.7325/ 1.7328 44.006/ 44.013	0.7570 19.23	0.0594 1.509
MB 537AM STD/.25/.5/.75/1.0/1.25/1.5 <i>Some engines are fitted with crankshafts 0.25mm undersize as original equipment</i> <i>2 plain 18.6mm wide half bearing shells. 6 grooved 18.6mm wide half bearing shells with 2 holes. 1 plain 24.6mm wide half bearing shell. 1 grooved 24.6mm wide half bearing shell with 1 hole.</i> ACL: 5M9312 CLE: MS- 984AL FMO: 4908M GLA: M5278SA GLY: H1031/5 VAN: VPM91355		M 537/1U M 537/1L	2 Pairs	1-5	2.0459/ 2.0463 51.966/ 51.976	2.2000/ 2.2005 55.880/ 55.893	0.7350 18.67	0.0758 1.925
		M 537/1U	2 Pairs	2-4	2.0459/ 2.0463 51.966/ 51.976	2.2000/ 2.2005 55.880/ 55.893	0.7350 18.67	0.0758 1.925
		M 537/3U M 537/3L	1 Pair	3	2.0459/ 2.0463 51.966/ 51.976	2.2000/ 2.2005 55.880/ 55.893	0.9720 24.69	0.0758 1.925
TW 123AM <i>Under Development</i> FMO: 61823BFA GLA: W2195SA GLY: A236/2 VAN: VPM95028		W 123	1 Pair		2.2500/ 2.2600 57.150/ 57.404	2.9130/ 2.9230 73.990/ 74.244	0.0000 0.00	0.0920 2.337
3	129/5,A/C700,XZ			1218 cc	75.00 X 69.00	4 cyl	Samba Raylle	3
CR4493AM STD/.3/.5/.8/1.0/1.25/1.5 <i>8 plain halves</i>		C4493	4 Pairs		1.7707/ 1.7713 44.976/ 44.991	1.9155/ 1.9162 48.654/ 48.671	0.7780 19.76	0.0717 1.821

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CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

TALBOT		TALBOT						
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
CLE:CB- 993AL (4) GLA:B4558SA VAN:VPR91850A	FMO:4-62045RA GLY:01-4173/4							
MB5508AM STD/.3/.5/.8/1.0/1.25/1.5 <i>3 plain half bearing shells + 7 half bearing shells with one 5mm hole at 42 degrees from the centre line, and one slot 2.5 wide at the bottom of the groove.</i>	M5508U M 576L	3 Pairs	1-3-5	1.9670/ 1.9677 49.962/ 49.980	2.1124/ 2.1131 53.655/ 53.673	0.6810 17.30	0.0710 1.803	
CLE:MS-1351AL GLA:M5379SA K.S:77 122 608	FMO:6380M GLY:H996/5 VAN:VPM91851A	M5508U	2 Pairs	2-4	1.9670/ 1.9677 49.962/ 49.980	2.1124/ 2.1131 53.655/ 53.673	0.6810 17.30 0.0710 1.803	
MB5569AM STD/.3/.5/.8/1.0	M5569U	2 Pairs	2-4	1.9671/ 1.9678 49.964/ 49.982	2.1124/ 2.1131 53.655/ 53.673	0.6807 17.29	0.0722 1.834	
CLE:MS-1612AL GLA:M5477SA K.S:77 127 608	FMO:7023M GLY:H1071/5 VAN:VPM95133A	M5569L	3 Pairs	1-3-5	1.9671/ 1.9678 49.964/ 49.982	2.1124/ 2.1131 53.655/ 53.673	0.6807 17.29 0.0722 1.834	
TW 132AM	W 132	1 Pair		2.1752/ 2.1850 55.250/ 55.499	2.8130/ 2.8228 71.450/ 71.699	0.0000 0.00	0.0925 2.350	
CLE:TW- 232S GLA:W2243L K.S:78 853 608	FMO:62047BFA GLY:A202/2 VAN:VPW95091							
4	XV5		954 cc	70.00 X 62.00	4 cyl	Samba GL/LS	4	
	XW3,XW3S,108/9		1124 cc	72.00 X 69.00	4 cyl	Samba GL, GR, LS		
	XW7, 109/3/5F/K		1124 cc	72.00 X 69.00	4 cyl	Samba GL,LS,Sympa,Bahia		
	XY 6B(150.3)		1360 cc	75.00 X 77.00	4 cyl	Samba Cabriolet		
	5KE/K3 (150.B)		1360 cc	75.00 X 77.00	4 cyl	Samba GLS 6/7 CV, Samba Rallye 7 CV		
CR4493AM STD/.3/.5/.8/1.0/1.25/1.5 <i>8 plain halves</i>	C4493	4 Pairs		1.7707/ 1.7713 44.976/ 44.991	1.9155/ 1.9162 48.654/ 48.671	0.7780 19.76	0.0717 1.821	
CLE:CB- 993AL (4) GLA:B4558SA VAN:VPR91850A	FMO:4-62045RA GLY:01-4173/4							
MB5508AM STD/.3/.5/.8/1.0/1.25/1.5 <i>-1985</i> <i>3 plain half bearing shells + 7 half bearing shells with one 5mm hole at 42 degrees from the centre line, and one slot 2.5 wide at the bottom of the groove.</i>	M5508U M 576L	3 Pairs	1-3-5	1.9670/ 1.9677 49.962/ 49.980	2.1124/ 2.1131 53.655/ 53.673	0.6810 17.30	0.0710 1.803	
CLE:MS-1351AL GLA:M5379SA K.S:77 122 608	FMO:6380M GLY:H996/5 VAN:VPM91851A	M5508U	2 Pairs	2-4	1.9670/ 1.9677 49.962/ 49.980	2.1124/ 2.1131 53.655/ 53.673	0.6810 17.30 0.0710 1.803	
MB5569AM STD/.3/.5/.8/1.0 <i>1985-</i> <i>4 grooved halves with one 5mm hole at 42 degrees and one 5mm hole at 32 degrees from the centre line (or crown).</i> <i>6 halves with one 5mm hole at 42 degrees and one 5mm hole at 32 degrees from the centre line (or crown).</i>	M5569U	2 Pairs	2-4	1.9671/ 1.9678 49.964/ 49.982	2.1124/ 2.1131 53.655/ 53.673	0.6807 17.29	0.0722 1.834	
CLE:MS-1612AL GLA:M5477SA K.S:77 127 608	FMO:7023M GLY:H1071/5 VAN:VPM95133A	M5569L	3 Pairs	1-3-5	1.9671/ 1.9678 49.964/ 49.982	2.1124/ 2.1131 53.655/ 53.673	0.6807 17.29 0.0722 1.834	
TW 132AM	W 132	1 Pair		2.1752/ 2.1850 55.250/ 55.499	2.8130/ 2.8228 71.450/ 71.699	0.0000 0.00	0.0925 2.350	
CLE:TW- 232S GLA:W2243L K.S:78 853 608	FMO:62047BFA GLY:A202/2 VAN:VPW95091							
5	366		1294 cc	76.70 X 70.00	4 cyl	Horizon GL, LS, GLS, SX, Solara GL, SL, SX, Solara LS, LE, GL	5	
	371-1G1/1G4/954 Anti-clockwise Engine		1294 cc	76.70 X 70.00	4 cyl	1000 Rallye 1, 1000 Rallye 2, 1000 Special		
	3 G2		1294 cc	76.70 X 70.00	4 cyl	1100 Special		
	3 G2/3 G4		1294 cc	76.70 X 70.00	4 cyl	1100 Special,Break, Matra Bagheera		
	3 GE/3 G4		1294 cc	76.70 X 70.00	4 cyl	1100 Special, Break, 1100 TI, Matra Bagheera Courreges		
	6 G1/ 6 G4		1294 cc	76.70 X 70.00	4 cyl	1307 GLS, 1307S, 1510 LS		
	2 G1		1294 cc	76.70 X 70.00	4 cyl	Horizon GL, Horizon GLS		

TALBOT				TALBOT				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
2 G1A/BTC		1294 cc	76.70 X 70.00	4 cyl	Horizon GL			
6Y2		1442 cc	76.70 X 78.00	4 cyl	1308 GT,S, 1510 GL,GLS, Solara GL			
2Y1B/2Y1/2Y2		1442 cc	76.70 X 78.00	4 cyl	Horizon EX, Horizon GL, Horizon GLS, Horizon Jubile, Horizon SX			
Y2		1442 cc	76.70 X 78.00	4 cyl	Matra Bagheera			
6Y4/80CV		1442 cc	76.70 X 78.00	4 cyl	Matra Bagheera Courreges, Matra Bagheera Jubile, Matra Bagheera S, X, Rancho			
Y2/BTC		1442 cc	76.70 X 78.00	4 cyl	Matra Rancho, Rancho Grand Raid			
6Y1		1442 cc	76.70 X 78.00	4 cyl	Solara LS			
3Y1		1442 cc	76.70 X 78.00	4 cyl	1100 GL,GLS,SX			
CR4432AM STD/.25/.5/.75/1.0/1.25/1.5 ACL: 4B9410 CLE: CB- 833AL (4) FMO: 4-61820RA GLA: B4507SA GLY: 01-4172/4 VAN: VPR91302A	C4432	4 Pairs		1.6126/ 1.6129 40.960/ 40.968	1.7325/ 1.7328 44.006/ 44.013	0.7570 19.23	0.0594 1.509	
MB 537AM STD/.25/.5/.75/1.0/1.25/1.5 ACL: 5M9312 CLE: MS- 984AL FMO: 4908M GLA: M5278SA GLY: H1031/5 VAN: VPM91355	M 537/1U M 537/1L	2 Pairs	1-5	2.0459/ 2.0463 51.966/ 51.976	2.2000/ 2.2005 55.880/ 55.893	0.7350 18.67	0.0758 1.925	
	M 537/1U	2 Pairs	2-4	2.0459/ 2.0463 51.966/ 51.976	2.2000/ 2.2005 55.880/ 55.893	0.7350 18.67	0.0758 1.925	
	M 537/3U M 537/3L	1 Pair	3	2.0459/ 2.0463 51.966/ 51.976	2.2000/ 2.2005 55.880/ 55.893	0.9720 24.69	0.0758 1.925	
TW 123AM <i>Under Development</i> FMO: 61823BFA GLA: W2195SA GLY: A236/2 VAN: VPM95028	W 123	1 Pair		2.2500/ 2.2600 57.150/ 57.404	2.9130/ 2.9230 73.990/ 74.244	0.0000 0.00	0.0920 2.337	
6	1592	1592 cc	81.54 X 76.20	4 cyl	Singer Vogue, Gazelle		6	
CS 312BB FMO: 1535M GLA: C3032S VAN: VPC928								
7	1295	1295 cc	78.60 X 66.70	4 cyl	Avenger 1.3LS, GL, Chrysler Avenger 1.3LS, GL, Chrysler Sunbeam 1.3LS, GL, Sunbeam 1.3LS, GL		7	
	1598	1598 cc	87.34 X 66.70	4 cyl	Avenger 1600LS, GL, GLS, Chrysler Avenger 1600GLS,, Chrysler Sunbeam 1.6GL,S,GLS, Sunbeam 1.6GL, GLS			
CR4438AM STD/010/020/030/040/050/060 <i>CR4131AM is shortened version (by 4mm)</i> CLE: CB-1007AL (4) FMO: 4-3480CP GLA: B4506SA OEM: 75221632 VAN: VPR91344A	C4438	4 Pairs		1.9995/ 2.0000 50.787/ 50.800	2.1460/ 2.1465 54.508/ 54.521	0.8170 20.75	0.0725 1.842	
CS 313BB CLE: SH-1311S FMO: 1425M GLA: C3073SA								
MB 543AM STD/010/020/030/040/050 <i>Some engines are fitted with crankshafts 0.010" undersize as original equipment</i> CLE: MS-1141AL FMO: 4963M GLA: M5303SA OEM: 75221637 VAN: VPM91345A	M 543/1	4 Pairs	1-2-4-5	2.1245/ 2.1252 53.962/ 53.980	2.2710/ 2.2718 57.683/ 57.704	1.0050 25.53	0.0726 1.844	
	M 543/3	1 Pair	3	2.1245/ 2.1252 53.962/ 53.980	2.2710/ 2.2718 57.683/ 57.704	1.1300 28.70	0.0726 1.844	
TW 115AM <i>Under Development</i> CLE: TW- 234S FMO: 3482BF GLA: W2194SA VAN: VPM10	W 115	1 Pair		2.3950/ 2.4050 60.833/ 61.087	3.1100/ 3.1200 78.994/ 79.248	0.0000 0.00	0.0930 2.362	
8	XUD9/A/B, 162 Diesel	1905 cc	83.00 X 88.00	4 cyl	Horizon D, LD, EXD GLD, Solara D		8	

TALBOT		TALBOT						
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
CR4075AM STD/.3/.5/.8/1.0 <i>8 plain halves</i> CLE:CB-1309AL (4) FMO:4-66725RA GLA:B4644SA GLY:01-4200/4 K.S:77 097 608 OEM:0113.91 VAN:VPR92000A	C4075	4 Pairs		1.9679/ 1.9685 49.985/ 50.000	2.1140/ 2.1145 53.696/ 53.708	0.7894 20.05	0.0720 1.829	
MB5129AM STD/.3/.5/.8/1.0 CLE:MS-1602AL FMO:6610M GLA:M5419SA GLY:H1057/5 K.S:77 098 608 OEM:0113.92 VAN:VPM92001A	M5129U M5129L	5 Pairs		2.3614/ 2.3622 59.980/ 60.000	2.5091/ 2.5098 63.731/ 63.749	0.7630 19.38	0.0720 1.829	
TW 246AM STD CLE:TW- 376S FMO:66721BF GLA:W2317L GLY:A214/4 VAN:VPM95227	W 246D W 246E	2 Pairs		2.6398/ 2.6496 67.051/ 67.300	3.2697/ 3.2795 83.050/ 83.299	0.0000 0.00	0.0917 2.329	
9 OE138 Diesel		2260 cc	84.18 X 101.60	4 cyl	Karrier Bantam 2-5 Ton		9	
CR4037AM STD/010/020/030/040 <i>4 top halves with one 5mm not centre hole and oil groove (4.0 mm wide); 4 plane bottom halves.</i> CLE:CB- 653AL (4) GLA:B4421LC OEM:830 899M91	C4037U C4037L	4 Pairs		2.3110/ 2.3115 58.699/ 58.712	2.4570/ 2.4575 62.408/ 62.421	1.0600 26.92	0.0719 1.826	
MB3332AM STD/010/020/030/040/060 CLE:MS- 750P GLA:M3153LC VAN:VPM420	M3332	3 Pairs	1-2-3	2.7515/ 2.7520 69.888/ 69.901	2.9190/ 2.9195 74.143/ 74.155	1.5050 38.23	0.0825 2.096	
10 U8, XD2S(147) Diesel Turbocharged		2304 cc	94.00 X 83.00	4 cyl	Tagora 2.3D Turbo		10	
CR4016AM STD/.3/.5/.8/1.0 CLE:CB-1168AL (4) FMO:4-66690RA GLA:B4615SA GLY:01-4195/4 K.S:77 101 608 VAN:VPR91867	C4016	4 Pairs		2.1651/ 2.1662 54.994/ 55.021	2.3125/ 2.3130 58.738/ 58.750	1.1420 29.01	0.0724 1.839	
MB 541AM STD/.3/.5/.8/1.0 <i>1980-81</i> ACL:5M2734 CLE:MS- 931AL FMO:4668M GLA:M5273SA GLY:H 889/5 VAN:VPM91170A	M 541/1U M 541/1L	3 Pairs	1-3-5	2.1651/ 2.1657 54.994/ 55.009	2.3122/ 2.3130 58.730/ 58.750	1.1810 30.00	0.0722 1.834	
	M 541/2U M 541/2L	2 Pairs	2-4	2.1651/ 2.1657 54.994/ 55.009	2.3122/ 2.3130 58.730/ 58.750	0.8660 22.00	0.0722 1.834	
MB5551AM STD/.3/.5/.8/1.0 <i>1981- 2 top half bearing shells with one 6mm hole at 35 degrees from the centre line and oil groove (4.2 mm wide). 3 top half bearing shells with two 6mm holes at 35 degrees from the centre line and oil groove (4.2 mm wide). 5 plane bottom half bearing shells.</i> CLE:MS-1542AL FMO:6594M GLA:M5394SA GLY:H1056/5 K.S:77 102 608 VAN:VPM91868A	M5551/1U M5551/1L	3 Pairs	1-3-5	2.3620/ 2.3630 59.995/ 60.020	2.5091/ 2.5098 63.731/ 63.749	1.1810 30.00	0.0722 1.834	
	M5551/2U M5551/2L	2 Pairs	2-4	2.3620/ 2.3630 59.995/ 60.020	2.5091/ 2.5098 63.731/ 63.749	0.9450 24.00	0.0722 1.834	
PB 127CP GLA:S4616L								
11 U25/651,U25/661 Diesel		2500 cc	93.00 X 92.00	4 cyl	Express		11	
CR4080AM STD/.25/.5/.75/1.0/1.25 <i>Until 10/1986. 4 halves with groove & 4 halves with hole</i> FMO:4-66440RAA GLY:4-66440RAA-	C4080 C4079	4 Pairs		2.1256/ 2.1262 53.990/ 54.005	2.2707/ 2.2715 57.676/ 57.696	0.9640 24.49	0.0720 1.829	
CR4140AM STD/.25/.5/.75/1.0/1.25 <i>4 half bearing shells with slots and one 3mm hole. 4 plain half bearing shells with one 3mm hole at 42 degrees from the centre line, and one 2mm hole at the crown.</i> CLE:CB-1340AL (4) FMO:4-66715CPA GLA:B4641SA GLY:01-4181/4 VAN:VPR91812A	C4140U C4140L	4 Pairs		2.1256/ 2.1262 53.990/ 54.005	2.2707/ 2.2715 57.676/ 57.696	0.8898 22.60	0.0720 1.829	
MB5131AM STD/.25/.5/.75/1.0/1.25 <i>1983-</i> GLA:M5478SA GLY:H1089/5 VAN:VPM92153A	M5131	5 Pairs		2.6392/ 2.6398 67.036/ 67.051	2.8226/ 2.8230 71.694/ 71.704	1.1201 28.45	0.0910 2.311	
MB5133AM STD/.25/.5/.75/1.0 <i>1982-83</i> CLE:MS- 911B FMO:6489M GLA:M5239SA GLY:H 887/5	M5133	5 Pairs		2.5211/ 2.5217 64.036/ 64.051	2.7045/ 2.7049 68.694/ 68.704	1.1300 28.70	0.0910 2.311	

TALBOT				TALBOT				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
VAN: VPM91652A TW 244AM STD 1983- FMO: 66716BF GLA: W2353L GLY: A213/4 VAN: VPM95144	W 244D W 244E	2 Pairs		2.9724/ 2.9823 75.499/ 75.750	3.4980/ 3.5079 88.849/ 89.101	0.0000 0.00	0.1236 3.139	
TW 245AM STD 1982-83 FMO: 60946BFA GLA: W2159L VAN: VPM95201	W 245D W 245E	2 Pairs		2.8543/ 2.8642 72.499/ 72.751	3.3799/ 3.3898 85.849/ 86.101	0.0000 0.00	0.1236 3.139	
12	ZM/ZMJ/112/144 V6 Carburettor & Injection		2664 cc	88.00 X 73.00	6 cyl	Tagora SX 2.6	12	
CR6708AM Under Development CLE: CB-1186AL (6) FMO: 6-66310RA GLA: B6515SA NDC: CB-1427 ~ VAN: VPR91536A	C6708*	6 Pairs		2.0578/ 2.0585 52.268/ 52.286	2.2047/ 2.2055 55.999/ 56.020	0.6949 17.65	0.0728 1.849	
MB4035AM Under Development CLE: MS-1394AL FMO: 6443M GLA: M4251SA GLY: H1041/4 VAN: VPM91537A	M4035U* M4035L*	4 Pairs	1-4	2.7576/ 2.7583 70.043/ 70.061	2.9134/ 2.9141 74.000/ 74.018	0.9240 23.47	0.0774 1.966	

Engine Index: TOYOTA

Engine-Code	Years	Cyl	CC	Line
2K L4 61CI /1.0Liter, OHV, 8	04/1969-	4	993	3
1E L4 61CI /1.0Liter, SOHC, 12	10/1984-	4	999	2
KC L4 66CI /1.1Liter, OHV, 8	10/1966-	4	1077	3
3K L4 71CI /1.2Liter, OHV, 8	08/1969-	4	1166	3
4K L4 79CI /1.3Liter, OHV, 8	02/1978-	4	1290	3
2A L4 79CI /1.3Liter, SOHC, 8	05/1982-	4	1296	7
2E L4 79CI /1.3Liter, SOHC, 12	10/1984-	4	1296	2
2ET L4 79CI /1.3Liter, SOHC, 12	10/1984-	4	1296	2
K3-VE L4 79CI /1.3Liter, DOHC,	07/2000-	4	1298	1
2NZFE L4 79CI /1.3Liter, DOHC,	01/1999-	4	1299	6
4EFE L4 81CI /1.3Liter, DOHC,	01/1996-	4	1332	2
T 8 Valves,	09/1971-	4	1407	16
T OHV, 8 Valves,	01/1970-	4	1407	13
1AC L4 89CI /1.5Liter, SOHC, 8	08/1978-	4	1452	7
3AC L4 89CI /1.5Liter, SOHC, 8	03/1979-	4	1452	7
3E L4 89CI /1.5Liter, SOHC, 12	01/1987-	4	1456	5
3EE L4 89CI /1.5Liter, SOHC, 12	01/1990-	4	1456	5
5K L4 91CI /1.5Liter, OHV, 8	09/1985-	4	1486	3
2R OHV,	-	4	1490	8
3SZ-VE L4 91CI /1.5Liter, DOHC,	11/2005-	4	1495	4
5AFE L4 91CI /1.5Liter, DOHC,	05/1987-	4	1497	7
5EFE L4 91CI /1.5Liter, DOHC,	01/1992-	4	1497	5
1NZFE L4 91CI /1.5Liter, DOHC,	01/2000-	4	1497	6
1NZFXE L4 91CI /1.5Liter,	01/2001-	4	1497	6
4AC L4 97CI /1.6Liter, SOHC, 8	01/1983-	4	1587	7
4AF L4 97CI /1.6Liter, DOHC, 16	01/1988-	4	1587	7
4AFE L4 97CI /1.6Liter, DOHC,	01/1988-	4	1587	7
4ALC L4 97CI /1.6Liter, SOHC, 8	01/1983-	4	1587	7
12R L4 97CI /1.6Liter, OHV, 8	01/1968-	4	1587	8
4AGE L4 97CI /1.6Liter, DOHC,	01/1988-	4	1587	9
4AGEC L4 97CI /1.6Liter, DOHC,	01/1985-	4	1587	10
4AGZE L4 97CI /1.6Liter, DOHC,	05/1987-	4	1587	11

Engine-Code	Years	Cyl	CC	Line
4AGELC L4 97CI /1.6Liter,	01/1985-	4	1587	12
12T OHV, 8 Valves,	01/1976-	4	1588	16
2T L4 97CI /1.6Liter, OHV, 8	09/1971-	4	1588	16
2T L4 97CI /1.6Liter, OHV, 8	00/5197-	4	1588	13
7R 8 Valves,	09/1968-	4	1591	21
1ZR-FE L4 98CI /1.6Liter, DOHC,	-	4	1598	20
1Y L4 99CI /1.6Liter, OHV, 8	10/1982-	4	1626	30
6R SOHC, 8 Valves,	09/1968-	4	1707	21
7AFE L4 108CI /1.8Liter, DOHC,	01/1993-	4	1762	14
7K	-	4	1762	15
13T OHV, 8 Valves,	11/1977-	4	1770	16
3T,3T-G L4 108CI /1.8Liter, OHV,	03/1977-	4	1770	16
4T-G OHV, 8 Valves,	09/1982-	4	1770	17
1ZZFE L4 109CI /1.8Liter,	01/1998-	4	1794	18
2ZZGE L4 110CI /1.8Liter,	01/2000-	4	1795	19
2ZR-FAE L4 110CI /1.8Liter,	-	4	1798	20
2ZR-FE L4 110CI /1.8Liter,	-	4	1798	20
16R SOHC, 8 Valves,	08/1973-	4	1808	21
2Y L4 111CI /1.8Liter, OHV, 8	12/1982-	4	1812	30
1S L4 112CI /1.8Liter, SOHC, 8	03/1982-	4	1832	25
1C,1CLC L4 112CI /1.8Liter,	01/1982-	4	1839	22
1CT,1CTLC L4 112CI /1.8Liter,	01/1982-	4	1839	22
4S L4 112CI /1.8Liter, DOHC, 16	04/1987-	4	1839	25
10R SOHC, 8 Valves,	02/1970-	4	1858	21
8RC L4 113CI /1.9Liter, SOHC, 8	09/1968-	4	1858	21
18RC L4 120CI /2.0Liter, SOHC,	01/1972-	4	1968	21
19R /2.0Liter, SOHC, 8 Valves,	01/1974-	4	1968	21
21R L4 120CI /2.0Liter, SOHC, 8	01/1978-	4	1972	32
21R-C L4 120CI /2.0Liter, SOHC,	03/1982-	4	1972	33
21R-U L4 120CI /2.0Liter, SOHC,	03/1982-	4	1972	33
2C L4 120CI /2.0Liter, SOHC, 8	11/1982-	4	1974	22
2CT,2CTLC L4 120CI /2.0Liter,	01/1982-	4	1974	22

Engine-Code	Years	Cyl	CC	Line
3M /2.0Liter, SOHC, 12 Valves,	05/1967-	6	1988	37
1VZ-FE DOHC, 24 Valves,	01/1987-	6	1992	36
2SELC L4 122CI /2.0Liter,	08/1982-	4	1995	25
5R L4 122CI /2.0Liter, OHV, 8	02/1967-	4	1997	23
5R L4 122CI /2.0Liter, OHV, 8	10/1970-	4	1997	24
1RZ L4 122CI /2.0Liter, SOHC, 8	05/1990-	4	1998	34
3SFE L4 122CI /2.0Liter, DOHC,	01/1987-	4	1998	25
3SGELC L4 122CI /2.0Liter,	01/1987-	4	1998	25
3SGTE L4 122CI /2.0Liter,	01/1986-	4	1998	26
3YEC L4 122CI /2.0Liter, OHV, 8	12/1982-	4	1998	30
1AZFE L4 122CI /2.0Liter,	01/2001-	4	1998	31
1AD-FTV L4 /2.0Liter, DOHC, 16	-	4	1998	29
5SFE L4 132CI /2.2Liter, DOHC,	01/1985-	4	2164	27
L L4 134CI /2.2Liter, SOHC, 8	10/1977-	4	2188	28
20R L4 134CI /2.2Liter, SOHC, 8	01/1974-	4	2189	32
2AD-FHV L4 136CI /2.2Liter,	11/2005-	4	2231	29
2AD-FTV L4 136CI /2.2Liter,	-	4	2231	29
4YEC L4 137CI /2.2Liter, OHV, 8	08/1986-	4	2237	30
2M L6 137CI /2.2Liter, SOHC, 12	09/1969-	6	2253	37
2AZFE L4 144CI /2.4Liter,	01/2001-	4	2362	31
22R L4 144CI /2.4Liter, SOHC, 8	01/1980-	4	2366	32
22RE L4 144CI /2.4Liter, SOHC,	01/1989-	4	2366	33
22REC L4 144CI /2.4Liter,	01/1983-	4	2366	33
22RTEC L4 144CI /2.4Liter,	01/1985-	4	2366	33
2RZFE L4 149CI /2.4Liter,	01/1990-	4	2438	34
2TZFE L4 149CI /2.4Liter,	01/1990-	4	2438	34
2TZFZE L4 149CI /2.4Liter,	01/1995-	4	2438	34
2L L4 149CI /2.4Liter, SOHC, 8	02/1982-	4	2446	35
2LT L4 149CI /2.4Liter, SOHC, 8	02/1982-	4	2446	35
1JZGE L6 152CI /2.5Liter,	-	6	2491	44
4VZFE V6 152CI /2.5Liter,	01/1987-	6	2497	47
2VZFE V6 153CI /2.5Liter,	01/1988-	6	2508	36
4M L6 156CI /2.6Liter, SOHC, 12	02/1971-	6	2563	37
3RZFE L4 164CI /2.7Liter,	01/1994-	4	2694	38
5ME L6 168CI /2.8Liter, SOHC,	04/1978-	6	2759	39
5MGE L6 168CI /2.8Liter, DOHC,	01/1982-	6	2759	39
3L L4 170CI /2.8Liter, SOHC, 8	08/1988-	4	2779	42
6M /3.0Liter,	07/1983-	6	2954	39

Engine-Code	Years	Cyl	CC	Line
7MGE L6 180CI /3.0Liter, DOHC,	01/1986-	6	2954	39
7MGT L6 180CI /3.0Liter,	01/1987-	6	2954	39
3VZFE V6 181CI /3.0Liter,	01/1992-	6	2958	47
3VZE V6 181CI /3.0Liter, SOHC,	01/1987-	6	2958	40
B L4 182CI /3.0Liter, OHV, 8	02/1972-	4	2977	45
11B 8 Valves, Diesel	01/1985-	4	2977	50
1KZ-TE L4 182CI /3.0Liter,	10/1993-	4	2982	41
1KZT L4 182CI /3.0Liter, SOHC,	05/1993-	4	2982	41
5L L4 182CI /3.0Liter, SOHC, 8	01/1997-	4	2986	42
1MZFE V6 183CI /3.0Liter,	01/1994-	6	2995	43
2JZGE L6 183CI /3.0Liter,	01/1993-	6	2997	44
2JZGTE L6 183CI /3.0Liter,	01/1993-	6	2997	44
2B L4 195CI /3.2Liter, OHV, 8	01/1977-	4	3197	45
3MZFE V6 201CI /3.3Liter,	01/2004-	6	3300	46
5VZFE V6 206CI /3.4Liter,	01/1995-	6	3378	47
3B L4 209CI /3.4Liter, OHV, 8	08/1980-	4	3431	48
13B L4 209CI /3.4Liter, OHV, 8	09/1984-	4	3431	50
13BT L4 209CI /3.4Liter, OHV, 8	06/1986-	4	3431	51
1PZ L5 212CI /3.5Liter, SOHC,	01/1990-	5	3470	49
H L6 218CI /3.6Liter, OHV, 12	11/1979-	6	3576	53
14B L4 223CI /3.7Liter, OHV, 8	08/1988-	4	3661	50
14BT L4 223CI /3.7Liter, OHV, 8	10/1989-	4	3661	51
F L6 237CI /3.9Liter, OHV, 12	04/1975-	6	3878	57
3FE V6 241CI /4.0Liter, OHV, 12	01/1984-	6	3956	52
1UZFE V8 242CI /4.0Liter,	01/1990-	8	3969	58
2H L6 243CI /4.0Liter, OHV, 12	01/1969-	6	3980	53
12HT L6 243CI /4.0Liter, OHV,	10/1985-	6	3980	54
2H L6 243CI /4.0Liter, OHV, 12	10/1985-	6	3980	55
1HD-T L6 254CI /4.2Liter, SOHC,	01/1990-	6	4164	56
1HZ, 1HZ-T L6 254CI /4.2Liter,	01/1990-	6	4164	56
2F L6 258CI /4.2Liter, OHV, 12	01/1954-	6	4230	57
2UZFE V8 285CI /4.7Liter,	12/1998-	8	4663	58
D 12 Valves, Diesel	01/1964-	6	5890	59
2D 12 Valves, Diesel	01/1964-	6	6494	59

Car Model Index: TOYOTA

Model	Engine	Years	Cyl	CC	Line
Auris (HYBRID)	1AD-FTV L4		4	1998	29
Auris D4-D	1AD-FTV L4		4	1998	29
Liteace, Townace Hilux	1Y L4 99CI		4	1626	30
Liteace, Townace Hilux	2Y L4 111CI		4	1812	30
4Runner	2UZFE V8 285CI		8	4663	58
4Runner, Celica, Corona,	22R L4 144CI	1980-95	4	2366	32
AURIS	2ZR-FAE L4 110CI	02.2009-	4	1798	20
AURIS 1.6 VVTI	1ZR-FE L4 98CI	03.2007-	4	1598	20
AVANZA	K3-VE L4 79CI	2007	4	1298	1
AVENSIS	2AD-FTV L4 136CI	10.2005-	4	2231	29
AVNENSIS ESTATE /	2ZR-FAE L4 110CI	02.2009-	4	1798	20
Allion	1NZFE L4 91CI		4	1497	6
Avalon	1MZFE V6 183CI	1995-98	6	2995	43
Avanza 1.5	3SZ-VE L4 91CI		4	1495	4
Avensis D4-D	1AD-FTV L4		4	1998	29
COROLLA VERSO 2.2	2AD-FTV L4 136CI	10.2005-	4	2231	29
Camry	3VZFE V6 181CI		6	2958	47
Camry	1MZFE V6 183CI	1994-98	6	2995	43
Camry , Highlander	3MZFE V6 201CI		6	3300	46
Camry , Highlander ,	2AZFE L4 144CI		4	2362	31

Model	Engine	Years	Cyl	CC	Line
Camry, Celica, Carina	1S L4 112CI		4	1832	25
Camry, Celica, Carina	2SELC L4 122CI		4	1995	25
Camry, Celica, Ipsum	3SGELC L4 122CI		4	1998	25
Camry, Celica, Rav 4	3SFE L4 122CI		4	1998	25
Camry, Corolla, Corona	1C, 1CLC L4 112CI		4	1839	22
Camry, Corolla, Corona	1CT, 1CTL L4		4	1839	22
Camry, Corolla, Corona	2C L4 120CI		4	1974	22
Camry, Corona	2CT, 2CTL L4		4	1974	22
Camry, Hilux	4VZFE V6 152CI		6	2497	47
Camry, Supra	1JZGE L6 152CI		6	2491	44
Camry, Supra	2JZGE L6 183CI		6	2997	44
Carina, Celica	T 8 Valves,		4	1407	16
Carina, Celica	12T OHV, 8		4	1588	16
Carina, Celica	T OHV, 8 Valves,		4	1407	13
Carina, Celica	2T L4 97CI		4	1588	13
Celica	8RC L4 113CI		4	1858	21
Celica	18RC L4 120CI		4	1968	21
Celica , All-Trac	3SGTE L4 122CI	1986-95	4	1998	26
Celica GTS, Matrix XRS	2ZZGE L4 110CI		4	1795	19
Celica, Corolla	4AFE L4 97CI		4	1587	7









Model	Engine	Years	Cyl	CC	Line
Celica, Corolla, Matrix,	1ZZFE L4 109CI		4	1794	18
Celica, Corona, Hi-	20R L4 134CI		4	2189	32
Celica, Cressida	7MGE L6 180CI		6	2954	39
Celica, Cressida, Crown	5ME L6 168CI		6	2759	39
Celica, Cressida, Supra	5MGE L6 168CI		6	2759	39
Celsior, Crown, Soarer	1UZFE V8 242CI		8	3969	58
Coaster	12HT L6 243CI		6	3980	54
Coaster, Landcruiser	1HD-T L6 254CI	1990-93	6	4164	56
Coaster, Landcruiser	1HZ,1HZ-T L6	1990-	6	4164	56
Corolla	4AC L4 97CI		4	1587	7
Corolla	4AF L4 97CI		4	1587	7
Corolla	KC L4 66CI		4	1077	3
Corolla	3K L4 71CI		4	1166	3
Corolla	2T L4 97CI	1971-79	4	1588	16
Corolla	3T,3T-G L4 108CI	1977-82	4	1770	16
Corolla	4AGE L4 97CI		4	1587	9
Corolla	4AGEC L4 97CI		4	1587	10
Corolla Verso D4-D	1AD-FTV L4		4	1998	29
Corolla, Matrix	2AZFE L4 144CI		4	2362	31
Corolla,Starlet,Liteace	5K L4 91CI		4	1486	3
Corolla,Starlet,Townace	4K L4 79CI		4	1290	3
Corona, Corolla	5AFE L4 91CI		4	1497	7
Corona, Cressida	7R 8 Valves,		4	1591	21
Corona, Cressida	6R SOHC, 8		4	1707	21
Corona, Cressida	16R SOHC, 8		4	1808	21
Corona, Cressida	8RC L4 113CI		4	1858	21
Corona, Cressida	10R SOHC, 8		4	1858	21
Corona, Cressida	18RC L4 120CI		4	1968	21
Corona, Cressida	19R /2.0Liter,		4	1968	21
Corona, Hilux,	12R L4 97CI		4	1587	8
Corona, Townace	2R OHV,		4	1490	8
Crown, Cressida	3M /2.0Liter,		6	1988	37
Crown, Cressida	2M L6 137CI		6	2253	37
Crown, Cressida	4M L6 156CI		6	2563	37
Crown, Dyna, Coaster	5R L4 122CI		4	1997	23
Dina, Coaster	B L4 182CI		4	2977	45
Dina, Coaster	2B L4 195CI		4	3197	45
Dyna, Forklift, Coaster	H L6 218CI		6	3576	53
Dyna, Land cruiser,	2H L6 243CI		6	3980	55
Dyna, Landcruiser,	2H L6 243CI		6	3980	53
Echo	1NZFE L4 91CI		4	1497	6
Forklift, Microbus, Stout	5R L4 122CI		4	1997	24
Hi-Lux, Land Cruiser	2RZFE L4 149CI		4	2438	34
Hi-Lux, Pick-up	18RC L4 120CI		4	1968	21
Highlander, Sienna,	1MZFE V6 183CI		6	2995	43
Hilux, Crown, Toyoace	L L4 134CI		4	2188	28
Hilux, Landcruiser, Hilux	1KZ-TE L4 182CI		4	2982	41
Hilux, Landcruiser, Hilux	1PZ L5 212CI		5	3470	49

Model	Engine	Years	Cyl	CC	Line
Ipsium	4S L4 112CI		4	1839	25
Land Cruiser	F L6 237CI	1954-	6	3878	57
Land Cruiser	2F L6 258CI	1976-87	6	4230	57
Land Cruiser	3FE V6 241CI		6	3956	52
Landcruiser, Regius,	1RZ L4 122CI		4	1998	34
Landcruiser, Sequoia,	2UZFE V8 285CI		8	4663	58
Lexus IS 220 / 250	2AD-FHV L4 136CI		4	2231	29
Liteace,Townace , Hi-	3YEC L4 122CI		4	1998	30
Liteace,Townace , Hi-	4YEC L4 137CI		4	2237	30
MR2	3SGTE L4 122CI	1990-95	4	1998	26
MR2	4AGZE L4 97CI		4	1587	11
Oyna, Land Cruiser	13B L4 209CI		4	3431	50
Paseo, Tercel	5EFE L4 91CI		4	1497	5
Platz	1NZFE L4 91CI		4	1497	6
Previa	2TZFE L4 149CI		4	2438	34
Previa	2TZFE L4 149CI		4	2438	34
Prius	1NZFXE L4 91CI		4	1497	6
RAV 4 III 03.2006-	2AD-FTV L4 136CI		4	2231	29
Rav 4, Townace, Vista	3SGELC L4 122CI		4	1998	25
Rav4	1AZFE L4 122CI		4	1998	31
Regius, Tacoma	2RZFE L4 149CI		4	2438	34
Sienna , Solara	3MZFE V6 201CI		6	3300	46
Soarer, Celica	6M /3.0Liter,		6	2954	39
Soarer, Supra	7MGE L6 180CI		6	2954	39
Solara	2AZFE L4 144CI		4	2362	31
Starlet	2K L4 61CI		4	993	3
Starlet, Tercel	1E L4 61CI		4	999	2
Starlet, Tercel	2E L4 79CI		4	1296	2
Starlet, Tercel	4EFE L4 81CI		4	1332	2
Supra	7MGTE L6 180CI		6	2954	39
Supra	2JZGTE L6 183CI		6	2997	44
Tacoma, T100, 4	5VZFE V6 206CI	1995-97	6	3378	47
Tercel	3E L4 89CI		4	1456	5
Tercel	3EE L4 89CI		4	1456	5
Tercel, Carina	1AC L4 89CI		4	1452	7
Tercel, Corolla	4ALC L4 97CI		4	1587	7
Tercel, Corona, Carina	2A L4 79CI		4	1296	7
Tercel, Corona, Carina	3AC L4 89CI		4	1452	7
Toyoace	5R L4 122CI		4	1997	24
Truck	D 12 Valves, Diesel		6	5890	59
VERSO	2ZR-FAE L4 110CI	04.2009-	4	1798	20
Vitz	2NZFE L4 79CI		4	1299	6
YARIS 1.8 VVTI	2ZR-FE L4 110CI	01.2007-	4	1798	20
Yaris	1NZFE L4 91CI		4	1497	6

TOYOTA				TOYOTA				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
1	K3-VE L4 79CI /1.3Liter, DOHC, 16 Valves, Gasoline	07/2000-12/2005	1298 cc	72.00 X 79.70	4 cyl	AVANZA	1	
	CR4530XA ^{STD./25./5./75} OEM: 13041-B2010	C4530U C4530L	4 Pairs	1-4	1.5740/ 1.5750 39.980/ 40.005	1.6930/ 1.6930 43.002/ 43.002	0.0000 0.00	0.0587 1.491
	MB5663S ^{STD./25./5./75}	M5663U	5 Pairs	1-5	1.8106/ 1.8110 45.989/ 45.999	1.9690/ 1.9692 50.013/ 50.018	0.5826 14.80	0.0787 1.999

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CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

TOYOTA				TOYOTA				
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
Requires Thrust washers. GLY:H1296/5 OEM:11701-BZ091-02		M5663L						
2	1E L4 61CI /1.0Liter, SOHC, 12 Valves, Gasoline	10/1984-	999 cc	70.50 X 64.00	4 cyl	Starlet, Tercel	2	
	2E L4 79CI /1.3Liter, SOHC, 12 Valves, Gasoline	10/1984-12/1988	1296 cc	73.00 X 77.40	4 cyl	Starlet, Tercel		
	2ET L4 79CI /1.3Liter, SOHC, 12 Valves, Gasoline	10/1984-12/1988	1296 cc	73.00 X 77.40	4 cyl			
	4EFE L4 81CI /1.3Liter, DOHC, 16 Valves, Gasoline	01/1996-12/1999	1332 cc	77.00 X 77.40	4 cyl	Starlet, Tercel		
CR4229AM STD/.25/.5/.75/1.0/1.5 ACL:4B8390 DAI:R9077A FMO:4-1730RA GLA:B46745A GLY:01-4128/4 NDC:CB-1415A OEM:13041-10020-01-03VAN:VPR92446A		C4229	4 Pairs		1.5744/ 1.5750 39.990/ 40.005	1.6929/ 1.6937 43.000/ 43.020	0.5880 14.94	0.0587 1.491
MB5095AM ACL:5M8392 DAI:M9077A FMO:7096M GLA:M54615A GLY:H1077/5 NDC:MS-1415A OEM:11701-10010-01-03VAN:VPM92446A		M5095U M5095L	5 Pairs	1-5	0.0000/ 1.8504 0.000/ 47.000	2.0087/ 0.0000 51.021/ 0.000	0.0787 2.00	0.6299 15.999
TW 280AM ACL:2T8392 DAI:T9077A GLY:A175/4 K.S:TW-1415A NDC:TW-1415A OEM:11011-10010		W 280D W 280E	2 Pairs		0.0000/ 2.0770 0.000/ 52.756	2.5390/ 0.0000 64.491/ 0.000	0.0000 0.00	0.0980 2.489
3	2K L4 61CI /1.0Liter, OHV, 8 Valves, Gasoline	04/1969-09/1986	993 cc	72.00 X 61.00	4 cyl	Starlet	3	
	KC L4 66CI /1.1Liter, OHV, 8 Valves, Gasoline	10/1966-07/1977	1077 cc	75.00 X 61.00	4 cyl	Corolla		
	3K L4 71CI /1.2Liter, OHV, 8 Valves, Gasoline	08/1969-10/1983	1166 cc	75.00 X 66.00	4 cyl	Corolla		
	4K L4 79CI /1.3Liter, OHV, 8 Valves, Gasoline	02/1978-08/1990	1290 cc	75.00 X 73.00	4 cyl	Corolla,Starlet,Townace		
	5K L4 91CI /1.5Liter, OHV, 8 Valves, Gasoline	09/1985-01/1992	1486 cc	80.50 X 73.00	4 cyl	Corolla,Starlet,Liteace		
CR4205AM From 8/82 DAI: R9051A FMO:4-1745RA GLA:B4753SA NDC:CB-1416 OEM:13041-13040-03-07		C4205	4 Pairs		1.6530/ 1.6535 41.986/ 41.999	1.7716/ 1.7726 44.999/ 45.024	0.7480 19.00	0.0587 1.491
CR4446AM STD/.25/.5/.75/1.0 Bef. 8/82 ACL:4B1101 CLE:CB- 969AL (4) DAI:R9051A FMO:4-67270CP GLA:B4499SA GLY:71-4261/4 NDC:CB-1056GP OEM:13041-13040-03-07VAN:VPR91371		C4446	4 Pairs		1.6526/ 1.6535 41.976/ 41.999	1.7716/ 1.7726 44.999/ 45.024	0.7850 19.94	0.0588 1.494
CS 412BB STD CLE:SH- 720S DUR:TO-3 FMO:1565M GLA:C4082S NDC:SH-1056 OEM:11802-22010 VAN:VPC94040		S 412/1	1	1	1.7011/ 1.7018 43.208/ 43.226	1.8888/ 1.8898 47.976/ 48.001	0.7200 18.29	0.0929 2.360
		S 412/2	1	2	1.6913/ 1.9619 42.959/ 49.832	1.8701/ 1.8711 47.501/ 47.526	0.7200 18.29	0.0885 2.248
		S 412/3	1	3	1.6815/ 1.6821 42.710/ 42.725	1.8504/ 1.8514 47.000/ 47.026	0.7200 18.29	0.0835 2.121
		S 412/4	1	4	1.6716/ 1.6722 42.459/ 42.474	1.8307/ 1.8317 46.500/ 46.525	0.7200 18.29	0.0786 1.996
MB 551AM STD/.25/.5/.75/1.0 Bef. 8/82 ACL:5M1102 CLE:MS-1057AL DAI:M9050A FMO:6768M GLA:M5272SA GLY:H1176/5 NDC:MS-1056GP OEM:11701-13010-03-07VAN:VPM91372		M 551	5 Pairs		1.9675/ 1.9685 49.975/ 50.000	2.1261/ 2.1271 54.003/ 54.028	0.8600 21.84	0.0785 1.994
MB5077AM		M5077U	5 Pairs		1.9677/ 1.9683 49.980/ 49.995	2.1264/ 2.1272 54.011/ 54.031	0.8270 21.01	0.0789 2.004






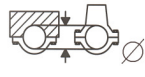


TOYOTA				TOYOTA				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
From 882 DAI:M9051A FMO:7097M GLA:M5548SA GLY:7097M OEM:11701-13011-03-07		M5077L						
TW 225AMSTD ACL:2T8062 CLE:TW- 225S DAI:T9050A FMO:67271BF GLA:W2190SA GLY:A235/4 NDC:TW-1056B OEM:11011-11010 VAN:VPW95071		W 225D W 225E	2 Pairs		2.1654/ 2.1752 55.001/ 55.250	2.6672/ 2.6870 67.747/ 68.250	0.0000 0.00	0.0976 2.479
4	3SZ-VE L4 91CI /1.5Liter, DOHC, 16 Valves, Gasoline	11/2005-	1495 cc	72.00 X 91.80	4 cyl	Avanza 1.5	4	
CR4535XASTD/.25/.5/.75 OEM:13041-B2081		C4535U C4535L	4 Pairs		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.0000 0.000
MB5663SISTD/.25/.5/.75 REQUIRES 2 THRUST WASHERS. GLY:H1296/5 OEM:11701-BZ091-02		M5663U M5663L	5 Pairs	1-5	1.8106/ 1.8110 45.989/ 45.999	1.9690/ 1.9692 50.013/ 50.018	0.5826 14.80	0.0787 1.999
5	3E L4 89CI /1.5Liter, SOHC, 12 Valves, vin E, Gasoline	01/1987- 12/1990	1456 cc	73.00 X 87.00	4 cyl	Tercel	5	
	3EE L4 89CI /1.5Liter, SOHC, 12 Valves, vin E, Gasoline	01/1990- 12/1994	1456 cc	73.00 X 87.00	4 cyl	Tercel		
	5EFE L4 91CI /1.5Liter, DOHC, 16 Valves, vin C,E, Gasoline	01/1992- 12/1999	1497 cc	74.00 X 87.00	4 cyl	Paseo, Tercel		
CR4027AMSTD/.25/.5/.75/1.0 ACL:4B9581 CLE:CB-1593AL (4) DAI:R9078A FMO:4-1610RA GLA:B4801SA K.S:CB-1424A NDC:CB-1424 OEM:13041-11010-01-03		C4027	4 Pairs		1.6929/ 1.6935 43.000/ 43.015	1.8110/ 1.8118 45.999/ 46.020	0.5940 15.09	0.0587 1.491
MB5564AMSTD/.25/.5/.75/1.0/1.25/1.5 ACL:5M8382 CLE:MS-1953AL DAI:M9078A FMO:7116M GLA:M5597SA NDC:MS-1424AM OEM:11701-11010-01-05		M5564U M5564L	5 Pairs		1.9679/ 1.9685 49.985/ 50.000	2.1268/ 2.1276 54.021/ 54.041	0.6340 16.10	0.0787 1.999
TW 248AMSTD ACL:2T8382 CLE:TW- 553S DAI:T9078A FMO:1099AF K.S:TW-1424A NDC:TW-1424A OEM:11011-11010 OEM:11011-11020		W 248D W 248E	2 Pairs		2.1653/ 2.1752 54.999/ 55.250	2.6772/ 2.6870 68.001/ 68.250	0.0000 0.00	0.0976 2.479
6	2NZFE L4 79CI /1.3Liter, DOHC, 16 Valves, Gasoline	01/1999-	1299 cc	75.00 X 73.50	4 cyl	Vitz	6	
	1NZFE L4 91CI /1.5Liter, DOHC, 16 Valves, Gasoline	01/2000- 12/2007	1497 cc	75.00 X 84.70	4 cyl	Allion, Echo, Platz, Yaris		
	1NZFXE L4 91CI /1.5Liter, DOHC, 16 Valves, Gasoline	01/2001- 12/2007	1497 cc	75.00 X 84.70	4 cyl	Prius		
CR4349CPSTD/.25/.5/.75/1.0 FMO:4-5045A GLY:01-4577/4 OEM:13041-21020		C4349	4 Pairs		0.0000/ 0.0000 0.000/ 0.000	1.6955/ 1.6962 43.066/ 43.083	0.5290 13.44	0.0560 1.422
MB5394AMSTD/.25/.5 FMO:7447M OEM:11701-21020		M5394U M5394L	5 Pairs		1.8100/ 1.8110 45.974/ 45.999	1.9700/ 1.9071 50.038/ 48.440	0.6300 16.00	0.0780 1.981
TW 185AM ACL:1T1853 CLE:TW-683S FMO:4707F GLA:W2380SA		W 185	1 Pair		2.1102/ 2.1201 53.599/ 53.851	2.7382/ 2.7480 69.550/ 69.799	0.0000 0.00	0.0980 2.489
7	2A L4 79CI /1.3Liter, SOHC, 8 Valves, Gasoline	05/1982- 05/1985	1296 cc	76.00 X 71.40	4 cyl	Tercel, Corona, Carina	7	
	3AC L4 89CI /1.5Liter, SOHC, 8 Valves, Gasoline	03/1979- 09/1990	1452 cc	77.50 X 77.00	4 cyl	Tercel, Corona, Carina		
	1AC L4 89CI /1.5Liter, SOHC, 8 Valves, Gasoline	08/1978- 12/1980	1452 cc	77.50 X 77.00	4 cyl	Tercel, Carina		
	5AFE L4 91CI /1.5Liter, DOHC, 16 Valves, Gasoline	05/1987-	1497 cc	78.70 X 77.00	4 cyl	Corona, Corolla		
	4ALC L4 97CI /1.6Liter, SOHC, 8 Valves, vin A, Gasoline	01/1983- 12/1988	1587 cc	81.00 X 77.00	4 cyl	Tercel, Corolla		

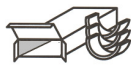




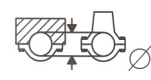


TOYOTA				TOYOTA			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
4AC L4 97CI /1.6Liter, SOHC, 8 Valves, Gasoline	01/1983-12/1987	1587 cc	81.00 X 77.00	4 cyl	Corolla		
	4AF L4 97CI /1.6Liter, DOHC, 16 Valves, vin A, Gasoline	01/1988-12/1989	1587 cc	81.00 X 77.00	4 cyl	Corolla	
	4AFE L4 97CI /1.6Liter, DOHC, 16 Valves, vin A, Gasoline	01/1988-12/1997	1587 cc	81.00 X 77.00	4 cyl	Celica, Corolla	
CR 413AM STD/.25/.5/.75/1.0 <i>Bef. 7/83</i> ACL:4B1690 CLE:CB-1352AL (4) DAI:R9027A FMO:4-3925RA GLA:B4621SA GLY:71-4512/4 NDC:CB-1400GP OEM:13041-15010-01-03VAN:VPR92067A	C 413	4 Pairs		1.5742/ 1.5748 39.985/ 40.000	1.6929/ 1.6939 43.000/ 43.025	0.6730 17.09	0.0587 1.491
CR 429AM STD/.25/.5/.75/1.0 <i>From 7/83</i> ACL:4B1710 CLE:CB-1361AL (4) DAI:R9028A FMO:4-1025RA GLA:B4676SA GLY:01-4117/4 NDC:CB-1410GP OEM:13041-01010-01-03VAN:VPR92069A	C 429	4 Pairs		1.5740/ 1.5748 39.980/ 40.000	1.6929/ 1.6939 43.000/ 43.025	0.6730 17.09	0.0587 1.491
MB 535AM STD/.25/.5/.75/1.0 <i>Bef. 1/83</i> ACL:5M1704 CLE:MS-1617AL DAI:M9027A FMO:6799M GLA:M5403SA NDC:MS-1400A OEM:11701-15030 OEM:11701-15010-01-03VAN:VPM92068A	M 535	5 Pairs		1.8892/ 1.8898 47.986/ 48.001	2.0480/ 2.0492 52.019/ 52.050	0.7830 19.89	0.0789 2.004
MB5527AM STD/.25/.5/.75/1.0 <i>From 1/83</i> ACL:5M1695 CLE:MS-1638P DAI:M9028A FMO:6680M GLA:M5464LC GLY:H1068/5 NDC:MS-1410GP OEM:11701-15030-01-03VAN:VPM92070LC	M 535 M5527	5 Pairs		1.8890/ 1.8898 47.981/ 48.001	2.0480/ 2.0490 52.019/ 52.045	0.7830 19.89	0.0789 2.004
TW 231AM ACL:2T9304 CLE:TW- 401S DAI:T9027A FMO:3926AF GLA:W2310SA GLY:A162/2 NDC:TW-1400A OEM:11011-01011 VAN:VFW95125A	W 231D W 231E	2 Pairs		2.1063/ 2.1161 53.500/ 53.749	2.5984/ 2.6083 65.999/ 66.251	0.0000 0.00	0.0980 2.489
8 2R OHV,	-	1490 cc	78.00 X 78.00	4 cyl	Corona, Townace		8
12R L4 97CI /1.6Liter, OHV, 8 Valves, Gasoline	01/1968-12/1988	1587 cc	80.50 X 78.00	4 cyl	Corona, Hilux, Townace		
CR4425AM .5/.75 CLE:CB- 968AL (4) DAI:R9014A FMO:4-67295RA GLA:B4470SA GLY:01-4330/4 NDC:CB-1035A OEM:13202-31010 VAN:VPR91480	C4425	4 Pairs		1.9679/ 1.9685 49.985/ 50.000	2.0870/ 2.0878 53.010/ 53.030	1.0640 27.03	0.0590 1.499
MB 348AM STD/.5/1.0 CLE:MS-1056AL DAI:M9014A FMO:6773M GLA:M3388SA NDC:MS-1060A OEM:11702-31011 VAN:VPM91481	M 348/1	1 Pair	1	2.2825/ 2.2835 57.976/ 58.001	2.4252/ 2.4261 61.600/ 61.623	1.1810 30.00	0.0703 1.786
	M 348/2	1 Pair	2	2.2825/ 2.2835 57.976/ 58.001	2.4252/ 2.4261 61.600/ 61.623	1.3390 34.01	0.0703 1.786
	M 348/3	1 Pair	3	2.2825/ 2.2835 57.976/ 58.001	2.4252/ 2.4261 61.600/ 61.623	1.5750 40.01	0.0703 1.786
TW 209AM CLE:TW- 224S DAI:T9014A FMO:67043BF GLA:W2168SA NDC:TW-1007A OEM:11011-31011 VAN:VFW95067	W 209D W 209E	2 Pairs		2.5118/ 2.5217 63.800/ 64.051	2.9921/ 3.0020 75.999/ 76.251	0.0000 0.00	0.1181 3.000
9 4AGE L4 97CI /1.6Liter, DOHC, 16 Valves, vin A, Gasoline	01/1988-12/1991	1587 cc	81.00 X 77.00	4 cyl	Corolla		9
CR4032SI STD/.25/.5/.75/1.0/1.5 ACL:4B9430 CLE:CB-1474AL (4) DAI:R9029K FMO:4-4600P GLA:B4795LC NDC:CB-1425 OEM:13041-16071 OEM:13041-01010-01-03	C4032	4 Pairs		1.6529/ 1.6535 41.984/ 41.999	1.7717/ 1.7726 45.001/ 45.024	0.6730 17.09	0.0587 1.491






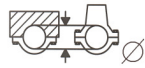


TOYOTA				TOYOTA			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
MB5527AM STD/.25/.5/.75/1.0 ACL:5M1695 CLE:MS-1638P DAI:M9028A FMO:6680M GLA:M5464LC GLY:H1068/5 NDC:MS-1410GP OEM:11701-15030-01-03VAN:VPM92070LC	M 535 M5527	5 Pairs		1.8890/ 1.8898 47.981/ 48.001	2.0480/ 2.0490 52.019/ 52.045	0.7830 19.89	0.0789 2.004
TW 231AM ACL:2T9304 CLE:TW- 401S DAI:T9027A FMO:3926AF GLA:W2310SA GLY:A162/2 NDC:TW-1400A OEM:11011-01011 VAN:VPW95125A	W 231D W 231E	2 Pairs		2.1063/ 2.1161 53.500/ 53.749	2.5984/ 2.6083 65.999/ 66.251	0.0000 0.00	0.0980 2.489
10	4AGEC L4 97CI /1.6Liter, DOHC, 16 Valves, vin A, Gasoline	01/1985- 12/1987	1587 cc	81.00 X 77.00	4 cyl	Corolla	10
CR 429AM STD/.25/.5/.75/1.0 ACL:4B1710 CLE:CB-1361AL(4) DAI:R9028A FMO:4-1025RA GLA:B4676SA GLY:01-4117/4 NDC:CB-1410GP OEM:13041-01010-01-03VAN:VPR92069A	C 429	4 Pairs		1.5740/ 1.5748 39.980/ 40.000	1.6929/ 1.6939 43.000/ 43.025	0.6730 17.09	0.0587 1.491
MB5527AM STD/.25/.5/.75/1.0 ACL:5M1695 CLE:MS-1638P DAI:M9028A FMO:6680M GLA:M5464LC GLY:H1068/5 NDC:MS-1410GP OEM:11701-15030-01-03VAN:VPM92070LC	M 535 M5527	5 Pairs		1.8890/ 1.8898 47.981/ 48.001	2.0480/ 2.0490 52.019/ 52.045	0.7830 19.89	0.0789 2.004
TW 231AM ACL:2T9304 CLE:TW- 401S DAI:T9027A FMO:3926AF GLA:W2310SA GLY:A162/2 NDC:TW-1400A OEM:11011-01011 VAN:VPW95125A	W 231D W 231E	2 Pairs		2.1063/ 2.1161 53.500/ 53.749	2.5984/ 2.6083 65.999/ 66.251	0.0000 0.00	0.0980 2.489
11	4AGZE L4 97CI /1.6Liter, DOHC, 16 Valves, vin A, Gasoline Supercharged	05/1987- 12/1989	1587 cc	81.00 X 77.00	4 cyl	MR2	11
CR4032SI STD/.25/.5/.75/1.0/1.5 ACL:4B9430 CLE:CB-1474AL(4) DAI:R9029K FMO:4-4600P GLA:B4795LC NDC:CB-1425 OEM:13041-16071 OEM:13041-01010-01-03	C4032	4 Pairs		1.6529/ 1.6535 41.984/ 41.999	1.7717/ 1.7726 45.001/ 45.024	0.6730 17.09	0.0587 1.491
MB5527AM STD/.25/.5/.75/1.0 ACL:5M1695 CLE:MS-1638P DAI:M9028A FMO:6680M GLA:M5464LC GLY:H1068/5 NDC:MS-1410GP OEM:11701-15030-01-03VAN:VPM92070LC	M 535 M5527	5 Pairs		1.8890/ 1.8898 47.981/ 48.001	2.0480/ 2.0490 52.019/ 52.045	0.7830 19.89	0.0789 2.004
TW 231AM ACL:2T9304 CLE:TW- 401S DAI:T9027A FMO:3926AF GLA:W2310SA GLY:A162/2 NDC:TW-1400A OEM:11011-01011 VAN:VPW95125A	W 231D W 231E	2 Pairs		2.1063/ 2.1161 53.500/ 53.749	2.5984/ 2.6083 65.999/ 66.251	0.0000 0.00	0.0980 2.489
12	4AGELC L4 97CI /1.6Liter, DOHC, 16 Valves, vin A, Gasoline	01/1985- 12/1989	1587 cc	81.00 X 77.00	4 cyl		12
CR4032SI STD/.25/.5/.75/1.0/1.5 ACL:4B9430 CLE:CB-1474AL(4) DAI:R9029K FMO:4-4600P GLA:B4795LC NDC:CB-1425 OEM:13041-16071 OEM:13041-01010-01-03	C4032	4 Pairs		1.6529/ 1.6535 41.984/ 41.999	1.7717/ 1.7726 45.001/ 45.024	0.6730 17.09	0.0587 1.491
MB5527AM STD/.25/.5/.75/1.0 ACL:5M1695 CLE:MS-1638P DAI:M9028A FMO:6680M GLA:M5464LC GLY:H1068/5 NDC:MS-1410GP OEM:11701-15030-01-03VAN:VPM92070LC	M 535 M5527	5 Pairs		1.8890/ 1.8898 47.981/ 48.001	2.0480/ 2.0490 52.019/ 52.045	0.7830 19.89	0.0789 2.004
TW 231AM ACL:2T9304 CLE:TW- 401S DAI:T9027A FMO:3926AF GLA:W2310SA GLY:A162/2 NDC:TW-1400A OEM:11011-01011 VAN:VPW95125A	W 231D W 231E	2 Pairs		2.1063/ 2.1161 53.500/ 53.749	2.5984/ 2.6083 65.999/ 66.251	0.0000 0.00	0.0980 2.489

TOYOTA				TOYOTA			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
13	T OHV, 8 Valves,	01/1970-12/1971	1407 cc		4 cyl	Carina, Celica	13
	2T L4 97Cl /1.6Liter, OHV, 8 Valves, Gasoline	00/5197-12/1971	1588 cc 85.00 X 70.00		4 cyl	Carina, Celica	
CR4085AM STD/.25/.5/.75/1.0	C4085	4 Pairs		1.8889/ 1.8894 47.978/ 47.991	2.0080/ 2.0088 51.003/ 51.024	0.7840 19.91	0.0588 1.494
ACL:4B1686 DAI:R9070K GLA:B4607LC NDC:CB-1117 OEM:13202-25010	CLE:CB-1270AL (4) FMO:4-3890CP K.S:CB-1117GP OEM:13202-25011 VAN:VPR919620						
MB5026AM <i>Under Development</i>	M 552	4 Pairs	1-2-4-5	2.2824/ 2.2831 57.973/ 57.991	2.4409/ 2.4417 61.999/ 62.019	0.8190 20.80	0.0785 1.994
CLE:MS-1100P NDC:MS-1104	GLA:M5340LC VAN:VPM91621LC	F5026*	1 Pair 3	2.2824/ 2.2831 57.973/ 57.991	2.4409/ 2.4417 61.999/ 62.019	1.2177 30.93	0.0785 1.994
14	7AFE L4 108Cl /1.8Liter, DOHC, 16 Valves, vin A,B, Gasoline	01/1993-12/1998	1762 cc 81.00 X 85.50		4 cyl		14
	CR4121AM STD/.25/.5/.75	C4121	4 Pairs		1.8892/ 1.8898 47.986/ 48.001	2.0075/ 2.0079 50.991/ 51.001	
ACL:4B1680 DAI:4-4820A ~ NDC:CB-1451 VAN:VPR04505	CLE:CB-1786AL (4) GLY:01-3991/4 OEM:13041-16090						
MB5527AM STD/.25/.5/.75/1.0	M 535 M5527	5 Pairs		1.8890/ 1.8898 47.981/ 48.001	2.0480/ 2.0490 52.019/ 52.045	0.7830 19.89	0.0789 2.004
ACL:5M1695 DAI:M9028A GLA:M5464LC NDC:MS-1410GP OEM:11701-15030-01~03	CLE:MS-1638P FMO:6680M GLY:H1068/5 VAN:VPM92070LC						
TW 231AM	W 231D W 231E	2 Pairs		2.1063/ 2.1161 53.500/ 53.749	2.5984/ 2.6083 65.999/ 66.251	0.0000 0.00	0.0980 2.489
ACL:2T9304 DAI:T9027A GLA:W2310SA NDC:TW-1400A VAN:VPW95125A	CLE:TW- 401S FMO:3926AF GLY:A162/2 OEM:11011-01011						
15	7K	-	1762 cc		4 cyl		15
	CR4288AM <i>IS IDENTICAL TO CR4121AM</i>						
DAI:R9052A OEM:13041-17011 OEM:13041-16090-01-03	NDC:CB-1447						
CS 412BB STD	S 412/1	1	1	1.7011/ 1.7018 43.208/ 43.226	1.8888/ 1.8898 47.976/ 48.001	0.7200 18.29	0.0929 2.360
CLE:SH- 720S FMO:1565M NDC:SH-1056 VAN:VPC94040	DUR:TO-3 GLA:C4082S OEM:11802-22010	S 412/2	1	1.6913/ 1.9619 42.959/ 49.832	1.8701/ 1.8711 47.501/ 47.526	0.7200 18.29	0.0885 2.248
	S 412/3	1	3	1.6815/ 1.6821 42.710/ 42.725	1.8504/ 1.8514 47.000/ 47.026	0.7200 18.29	0.0835 2.121
	S 412/4	1	4	1.6716/ 1.6722 42.459/ 42.474	1.8307/ 1.8317 46.500/ 46.525	0.7200 18.29	0.0786 1.996
MB5077AM	M5077U M5077L	5 Pairs		1.9677/ 1.9683 49.980/ 49.995	2.1264/ 2.1272 54.011/ 54.031	0.8270 21.01	0.0789 2.004
DAI:M9051A GLA:M5548SA OEM:11701-13011-03~07	FMO:7097M GLY:7097M						
TW 225AM STD	W 225D W 225E	2 Pairs		2.1654/ 2.1752 55.001/ 55.250	2.6672/ 2.6870 67.747/ 68.250	0.0000 0.00	0.0976 2.479
ACL:2T8062 DAI:T9050A GLA:W2190SA NDC:TW-1056B VAN:VPW95071	CLE:TW- 225S FMO:67271BF GLY:A235/4 OEM:11011-11010						
16	T 8 Valves,	09/1971-08/1979	1407 cc 80.00 X 70.00		4 cyl	Carina, Celica	16
	2T L4 97Cl /1.6Liter, OHV, 8 Valves, Gasoline	09/1971-08/1979	1588 cc 85.00 X 70.00		4 cyl	Corolla	

TOYOTA				TOYOTA				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
12T OHV, 8 Valves,	01/1976-11/1984	1588 cc	85.00 X 70.00	4 cyl	Carina, Celica			
3T,3T-G L4 108CI /1.8Liter, OHV, 8 Valves, Gasoline	03/1977-10/1983	1770 cc	85.00 X 78.00	4 cyl	Corolla			
13T OHV, 8 Valves,	11/1977-08/1982	1770 cc	85.00 X 78.00	4 cyl				
CR4085AM STD/.25/.5/.75/1.0 9/82 - 11/84 ACL: 4B1686 CLE: CB-1270AL (4) DAI: R9070K FMO: 4-3890CP GLA: B4607LC K.S: CB-1117GP NDC: CB-1117 OEM: 13202-25011 OEM: 13202-25010 VAN: VPR919620	C4085	4 Pairs		1.8889/ 1.8894 47.978/ 47.991	2.0080/ 2.0088 51.003/ 51.024	0.7840 19.91	0.0588 1.494	
CR4241AM Under Development DAI: R9073K GLA: B4819 NDC: CB-1422 OEM: 13041-18010-03-07	C4241*	4 Pairs		1.8889/ 1.8894 47.978/ 47.991	2.0080/ 2.0088 51.003/ 51.024	0.7840 19.91	0.0588 1.494	
CR4447AM STD/.25/.5/.75/1.0 9/71 - 9/82 CLE: CB1270AL (4) FMO: 4-67275CP GLA: B4544LC VAN: VPR91620	C4447	4 Pairs		1.8889/ 1.8894 47.978/ 47.991	2.0079/ 2.0087 51.001/ 51.021	0.8650 21.97	0.0588 1.494	
CS 504BB STD/010 CLE: SH- 725S DUR: TO-7 FMO: 1708M GLA: C5058S NDC: SH-1104 OEM: 11802-25010 VAN: VPC94044	S 504/1	1	1	1.8291/ 1.8297 46.459/ 46.474	1.9685/ 1.9697 50.000/ 50.030	0.7050 17.91	0.0684 1.737	
	S 504/2	1	2	1.8193/ 1.8199 46.210/ 46.225	1.9587/ 1.9598 49.751/ 49.779	0.6100 15.49	0.0684 1.737	
	S 504/3	1	3	1.8094/ 1.8100 45.959/ 45.974	1.9291/ 1.9303 48.999/ 49.030	0.7050 17.91	0.0588 1.494	
	S 504/4	1	4	1.7996/ 1.8002 45.710/ 45.725	1.9390/ 1.9402 49.251/ 49.281	0.6100 15.49	0.0687 1.745	
	S 504/5	1	5	1.7897/ 1.7904 45.458/ 45.476	1.9488/ 1.9500 49.500/ 49.530	0.7050 17.91	0.0785 1.994	
MB 552AM STD/.25/.5/.75/1.0 ACL: 5M1689 CLE: MS-1456AL DAI: M9073K FMO: 6786M GLA: M5339LC GLY: H1148/5 NDC: MS-1422 ~ OEM: 11702-25011 OEM: 11702-25012 VAN: VPM91879LC	M 552	5 Pairs		2.2825/ 2.2835 57.976/ 58.001	2.4409/ 2.4419 61.999/ 62.024	0.8190 20.80	0.0785 1.994	
TW 226AM STD ACL: 2T1689 CLE: TW- 303S DAI: T9071A FMO: 67277BF GLA: W2230SA GLY: A229/4 NDC: TW-1117K OEM: 11011-25010 VAN: VPW95054	W 226D W 226E	2 Pairs		2.5216/ 2.5315 64.049/ 64.300	2.9921/ 3.0020 75.999/ 76.251	0.0000 0.00	0.0980 2.489	
17 4T-G OHV, 8 Valves,	09/1982-11/1984	1770 cc	85.00 X 78.00	4 cyl	17			
CR4085AM STD/.25/.5/.75/1.0 ACL: 4B1686 CLE: CB-1270AL (4) DAI: R9070K FMO: 4-3890CP GLA: B4607LC K.S: CB-1117GP NDC: CB-1117 OEM: 13202-25011 OEM: 13202-25010 VAN: VPR919620	C4085	4 Pairs		1.8889/ 1.8894 47.978/ 47.991	2.0080/ 2.0088 51.003/ 51.024	0.7840 19.91	0.0588 1.494	
CS 504BB STD/010 CLE: SH- 725S DUR: TO-7 FMO: 1708M GLA: C5058S NDC: SH-1104 OEM: 11802-25010 VAN: VPC94044	S 504/1	1	1	1.8291/ 1.8297 46.459/ 46.474	1.9685/ 1.9697 50.000/ 50.030	0.7050 17.91	0.0684 1.737	
	S 504/2	1	2	1.8193/ 1.8199 46.210/ 46.225	1.9587/ 1.9598 49.751/ 49.779	0.6100 15.49	0.0684 1.737	
	S 504/3	1	3	1.8094/ 1.8100 45.959/ 45.974	1.9291/ 1.9303 48.999/ 49.030	0.7050 17.91	0.0588 1.494	
	S 504/4	1	4	1.7996/ 1.8002 45.710/ 45.725	1.9390/ 1.9402 49.251/ 49.281	0.6100 15.49	0.0687 1.745	
	S 504/5	1	5	1.7897/ 1.7904 45.458/ 45.476	1.9488/ 1.9500 49.500/ 49.530	0.7050 17.91	0.0785 1.994	

TOYOTA				TOYOTA			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
	S 504/5	1	5				
MB 552AM STD/.25/.5/.75/1.0 ACL:5M1689 CLE:MS-1456AL DAI:T9073K FMO:6786M GLA:M5339LC GLY:H1148/5 NDC:MS-1422 - OEM:11702-25011 OEM:11702-25012 VAN:VPM91879LC	M 552	5 Pairs		2.2825/ 2.2835 57.976/ 58.001	2.4409/ 2.4419 61.999/ 62.024	0.8190 20.80	0.0785 1.994
TW 226AM STD ACL:2T1689 CLE:TW- 303S DAI:T9071A FMO:67277BF GLA:W2230SA GLY:A229/4 NDC:TW-1117K OEM:11011-25010 VAN:VPM95054	W 226D W 226E	2 Pairs		2.5216/ 2.5315 64.049/ 64.300	2.9921/ 3.0020 75.999/ 76.251	0.0000 0.00	0.0980 2.489
18	1ZZFE L4 109CI /1.8Liter, DOHC, 16 Valves, Gasoline	01/1998- 12/2007	1794 cc	79.00 X 91.50	4 cyl	Celica, Corolla, Matrix, MR2	18
CR4263SI STD/.25/.5/.75/1.0 ACL:4B1851 CLE:CB-1863AL FMO:4-4705A OEM:13041-22020	C4263	4 Pairs		1.7320/ 1.7323 43.993/ 44.000	1.8504/ 1.8513 47.000/ 47.023	0.6180 15.70	0.0589 1.496
MB5287AM STD/.25/.5/.75/1.0 ACL:5M1853 CLE:MS-2267AM FMO:7354M GLY:H1321/5 OEM:11701-22011-02	M5287U M5287L	5 Pairs		1.8893/ 1.8897 47.988/ 47.998	2.0493/ 2.0498 52.052/ 52.065	0.6690 16.99	0.0790 2.007
TW 185AM <i>Install in position # 3 with the oil grooves facing outward</i> ACL:1T1853 CLE:TW-683S FMO:4707F GLA:W2380SA	W 185	1 Pair		2.1102/ 2.1201 53.599/ 53.851	2.7382/ 2.7480 69.550/ 69.799	0.0000 0.00	0.0980 2.489
19	2ZZGE L4 110CI /1.8Liter, DOHC, 16 Valves, Gasoline	01/2000- 12/2005	1795 cc	82.00 X 85.00	4 cyl	Celica GTS, Matrix XRS	19
MB5375AM ACL:5M1857 GLY:H1322/5	M5375U M5375L	5 Pairs		1.8893/ 1.8897 47.988/ 47.998	2.0473/ 2.0478 52.001/ 52.014	0.6614 16.80	0.0787 1.999
TW 185AM ACL:1T1853 CLE:TW-683S FMO:4707F GLA:W2380SA	W 185	1 Pair		2.1102/ 2.1201 53.599/ 53.851	2.7382/ 2.7480 69.550/ 69.799	0.0000 0.00	0.0980 2.489
20	1ZR-FE L4 98CI /1.6Liter, DOHC, 16 Valves, Gasoline	-	1598 cc	80.50 X 78.50	4 cyl	AURIS 1.6 VVTI	20
	2ZR-FE L4 110CI /1.8Liter, DOHC, 16 Valves, vin L,U, Gasoline	-	1798 cc	80.50 X 88.30	4 cyl	YARIS 1.8 VVTI	
	2ZR-FAE L4 110CI /1.8Liter, DOHC, 16 Valves, Gasoline	-	1798 cc	80.50 X 88.30	4 cyl	AURIS, AVNENSIS ESTATE / SALOON, VERSO	
MB5656SI STD/.25/.5/.75 <i>REQUIRES 2 THRUST WASHERS.</i> OEM:11701-37010-01	M5656U M5656L	5 Pairs	1-2-3-4- 5	1.8893/ 1.8898 47.988/ 48.001	2.0472/ 2.0479 51.999/ 52.017	0.6612 16.79	0.0790 2.007
21	7R 8 Valves,	09/1968- 07/1973	1591 cc	86.00 X 68.50	4 cyl	Corona, Cressida	21
	6R SOHC, 8 Valves,	09/1968- 07/1973	1707 cc	86.00 X 73.50	4 cyl	Corona, Cressida	
	16R SOHC, 8 Valves,	08/1973- 11/1982	1808 cc	88.50 X 73.50	4 cyl	Corona, Cressida	
	8RC L4 113CI /1.9Liter, SOHC, 8 Valves, Gasoline	09/1968- 07/1973	1858 cc	86.00 X 80.00	4 cyl	Celica, Corona, Cressida	
	10R SOHC, 8 Valves,	02/1970- 12/1971	1858 cc	86.00 X 80.00	4 cyl	Corona, Cressida	
	18RC L4 120CI /2.0Liter, SOHC, 8 Valves, Gasoline	01/1972- 12/1982	1968 cc	88.50 X 80.00	4 cyl	Celica, Corona, Cressida, Hi-Lux, Pick-up	
	19R /2.0Liter, SOHC, 8 Valves,	01/1974- 07/1977	1968 cc	86.50 X 80.00	4 cyl	Corona, Cressida	
CR4129AM STD/.25/.5/.75/1.0/1.5 ACL:4B1701 CLE:CB-1218P (4) DAI:R9063K FMO:4-3960CP GLA:B4573SA GLY:71-4338/4 NDC:CB-1133	C4129	4 Pairs		2.0854/ 2.0862 52.969/ 52.989	2.2047/ 2.2057 55.999/ 56.025	0.8660 22.00	0.0587 1.491






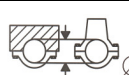


TOYOTA				TOYOTA			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
OEM: 13041-35030-A0-COVAN:VPR91681							
MB 547AM STD/.25/.5/.75/1.0/1.5 ACL: 5M1697 CLE: MS-1102AL DAI: M9062K FMO: 7143M GLA: M5332LC NDC: MS-1094 OEM: 11702-33011 (FLANGED TYPE) VAN: VPM91776	M 506U	4 Pairs	1-2-4-5	2.3613/ 2.3622 59.977/ 60.000	2.5197/ 2.5206 64.000/ 64.023	0.8660 22.00	0.0784 1.991
F 547	1 Pair	3		2.3613/ 2.3622 59.977/ 60.000	2.5197/ 2.5206 64.000/ 64.023	1.4170 35.99	0.0784 1.991
22	1C,1CLC L4 112CI /1.8Liter, SOHC, 8 Valves, Diesel	01/1982- 08/1985	1839 cc	83.00 X 85.00	4 cyl	Camry, Corolla, Corona	22
	1CT,1CTLC L4 112CI /1.8Liter, SOHC, 8 Valves, vin C, Diesel Turbocharge	01/1982- 12/1985	1839 cc	83.00 X 85.00	4 cyl	Camry, Corolla, Corona	
	2C L4 120CI /2.0Liter, SOHC, 8 Valves, Diesel	11/1982- 08/1985	1974 cc	86.00 X 85.00	4 cyl	Camry, Corolla, Corona	
	2CT,2CTLC L4 120CI /2.0Liter, SOHC, 8 Valves, Diesel Turbocharge	01/1982- 12/1986	1974 cc	86.00 X 85.00	4 cyl	Camry, Corona	
CR4215AM ACL: 4B8370 CLE: CB-1403AL (4) DAI: R9375A GLA: B4755SA NDC: CB-1408 OEM: 13041-64010-01-03	C4215	4 Pairs		1.9874/ 1.9882 50.480/ 50.500	2.1064/ 2.1072 53.503/ 53.523	0.9016 22.90	0.0583 1.481
MB5085AM ACL: 5M8372 CLE: MS-1710AL DAI: M9375A GLA: M5550SA NDC: MS-1408A OEM: 11701-64010-01-03	M5085U M5085L	5 Pairs	1-5	2.2433/ 2.2441 56.980/ 57.000	2.4017/ 2.4025 61.003/ 61.024	0.8622 21.90	0.0781 1.984
23	5R L4 122CI /2.0Liter, OHV, 8 Valves, Gasoline	02/1967- 10/1970	1997 cc	88.00 X 82.00	4 cyl	Crown, Dyna, Coaster	23
CR4429AM ACL: 4B2980 CLE: CB- 992AL (4) DAI: R9022A FMO: 4-67290CP GLA: B4501SA NDC: CB-1046 OEM: 13202-44010	C4429	4 Pairs		2.1648/ 2.1654 54.986/ 55.001	2.2844/ 2.2852 58.024/ 58.044	1.0630 27.00	0.0591 1.501
TW 210AM ACL: 2T7962 CLE: TW- 228S DAI: T9035A FMO: 67033BF GLA: W2192SA NDC: TW-1006B OEM: 11011-40010	W 210D W 210E	2 Pairs		2.5984/ 2.6083 65.999/ 66.251	3.1496/ 3.1594 80.000/ 80.249	0.0000 0.00	0.1171 2.974
24	5R L4 122CI /2.0Liter, OHV, 8 Valves, Gasoline	10/1970-	1997 cc	88.00 X 82.00	4 cyl	Forklift, Microbus, Stout, Toyoace	24
CR4429AM ACL: 4B2980 CLE: CB- 992AL (4) DAI: R9022A FMO: 4-67290CP GLA: B4501SA NDC: CB-1046 OEM: 13202-44010	C4429	4 Pairs		2.1648/ 2.1654 54.986/ 55.001	2.2844/ 2.2852 58.024/ 58.044	1.0630 27.00	0.0591 1.501
MB3312AM STD1.5 <i>Ref. 8/78</i> ACL: 3M2977 CLE: MS-1336AL DAI: M9021K FMO: 7147M GLA: M3404LC NDC: MS-1107GP OEM: 11702-44020	M3312/1	1 Pair	1	2.3616/ 2.3622 59.985/ 60.000	2.5197/ 2.5206 64.000/ 64.023	1.1020 27.99	0.0782 1.986
	F3312	1 Pair	2	2.3616/ 2.3622 59.985/ 60.000	2.5197/ 2.5206 64.000/ 64.023	1.6530 41.99	0.0782 1.986
	M3312/3	1 Pair	3	2.3616/ 2.3622 59.985/ 60.000	2.5197/ 2.5206 64.000/ 64.023	1.4170 35.99	0.0782 1.986
MB3343AM <i>From 9/78</i> CLE: MS-1816P DAI: M9022A NDC: MS-1159A OEM: 11702-44021	M3312/1	1 Pair	1	2.3616/ 2.3622 59.985/ 60.000	2.5197/ 2.5209 64.000/ 64.031	1.1020 27.99	0.0782 1.986
	M3312/3	2 Pairs	2-3	2.3616/ 2.3622 59.985/ 60.000	2.5197/ 2.5209 64.000/ 64.031	1.4170 35.99	0.0782 1.986
TW 230AM STD ACL: 2T1703 CLE: TW- 326S DAI: T9063A FMO: 67332AF GLA: W22716A NDC: TW-1133K OEM: 11011-33011 OEM: 11011-33010 VAN: VPM95041	W 230D W 230E	2 Pairs		2.5984/ 2.6083 65.999/ 66.251	3.1496/ 3.1594 80.000/ 80.249	0.0000 0.00	0.0783 1.989
25	1S L4 112CI /1.8Liter, SOHC, 8 Valves, Gasoline	03/1982- 08/1988	1832 cc	80.50 X 90.00	4 cyl	Camry, Celica, Carina	25

TOYOTA			TOYOTA					
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
4S L4 112CI /1.8Liter, DOHC, 16 Valves, Gasoline	04/1987-	1839 cc	82.50 X 86.00	4 cyl	Ipsium			
2SELC L4 122CI /2.0Liter, SOHC, 8 Valves, vin S, Gasoline	08/1982-08/1986	1995 cc	84.00 X 90.00	4 cyl	Camry, Celica, Carina			
3SGELC L4 122CI /2.0Liter, DOHC, 16 Valves, vin S, Gasoline	01/1987-12/1991	1998 cc	86.00 X 86.00	4 cyl	Camry, Celica, Ipsium, Rav 4, Townace, Vista			
3SFE L4 122CI /2.0Liter, DOHC, 16 Valves, vin P,S, Gasoline	01/1987-12/2002	1998 cc	86.00 X 86.00	4 cyl	Camry, Celica, Rav 4			
CR4018AM STD/.25/.5/.75/1.0 ACL:4B9406 CLE:CB-1406AL (4) DAI:R9068A FMO:4-3895RA GLA:B4661SA GLY:01-4144/4 NDC:CB-1404A OEM:13041-63020-01~03VAN:VPR92071	C4018	4 Pairs		1.8892/ 1.8898 47.986/ 48.001	2.0079/ 2.0088 51.001/ 51.024	0.8030 20.40	0.0586 1.488	
MB5554AM STD/.25/.5/.75/1.0 ACL:5M9309 CLE:MS-1714AL DAI:M9068A FMO:6622M GLA:M5444SA GLY:H1156/5 NDC:MS-1404A OEM:11071-63020-01~05VAN:VPM92072	M5554/3U M5554/3L	1 Pair	3	2.1646/ 2.1654 54.981/ 55.001	2.3236/ 2.3243 59.019/ 59.037	0.9055 23.00	0.0785 1.994	
	M5554/1U M5554/1L	4 Pairs	1-2-4-5	2.1646/ 2.1654 54.981/ 55.001	2.3236/ 2.3243 59.019/ 59.037	0.7559 19.20	0.0787 1.999	
TW 226AM STD ACL:2T1689 CLE:TW- 303S DAI:T9071A FMO:67277BF GLA:W2230SA GLY:A229/4 NDC:TW-1117K OEM:11011-25010 VAN:VPW95054	W 226D W 226E	2 Pairs		2.5216/ 2.5315 64.049/ 64.300	2.9921/ 3.0020 75.999/ 76.251	0.0000 0.00	0.0980 2.489	
26 3SGTE L4 122CI /2.0Liter, DOHC, 16 Valves, vin S, Gasoline Turbocharge	01/1986-12/1995	1998 cc	86.00 X 86.00	4 cyl	Celica , All-Trac, MR2		26	
CR4209CP ACL:4B8366 CLE:CB-1439P (4) DAI:R9069K GLA:B4799LC GLY:4-3895RA NDC:CB-1419 OEM:13041-74010-01~03VAN:VPR92796LC	C4209	4 Pairs		1.8892/ 1.8898 47.986/ 48.001	2.0079/ 2.0088 51.001/ 51.024	0.8327 21.15	0.0586 1.488	
MB5554AM STD/.25/.5/.75/1.0 ACL:5M9309 CLE:MS-1714AL DAI:M9068A FMO:6622M GLA:M5444SA GLY:H1156/5 NDC:MS-1404A OEM:11071-63020-01~05VAN:VPM92072	M5554/3U M5554/3L	1 Pair	3	2.1646/ 2.1654 54.981/ 55.001	2.3236/ 2.3243 59.019/ 59.037	0.9055 23.00	0.0785 1.994	
	M5554/1U M5554/1L	4 Pairs	1-2-4-5	2.1646/ 2.1654 54.981/ 55.001	2.3236/ 2.3243 59.019/ 59.037	0.7559 19.20	0.0787 1.999	
TW 226AM STD ACL:2T1689 CLE:TW- 303S DAI:T9071A FMO:67277BF GLA:W2230SA GLY:A229/4 NDC:TW-1117K OEM:11011-25010 VAN:VPW95054	W 226D W 226E	2 Pairs		2.5216/ 2.5315 64.049/ 64.300	2.9921/ 3.0020 75.999/ 76.251	0.0000 0.00	0.0980 2.489	
27 5SFE L4 132CI /2.2Liter, DOHC, 16 Valves, vin G,S, Gasoline	01/1985-12/2001	2164 cc	87.00 X 91.00	4 cyl			27	
CR4135AM STD/.25/.5/.75/1.0 ACL:4B8365 CLE:CB-1639P (4) FMO:4-4450P NDC:CB-1441 OEM:13041-74030	C4135	4 Pairs		2.0468/ 2.0472 51.989/ 51.999	2.1659/ 2.1667 55.014/ 55.034	0.8012 20.35	0.0587 1.491	
CS6602BB STD w/ 32 tooth gear (balance shaft set) DUR:TOG-11								
MB5554AM STD/.25/.5/.75/1.0 ACL:5M9309 CLE:MS-1714AL DAI:M9068A FMO:6622M GLA:M5444SA GLY:H1156/5 NDC:MS-1404A OEM:11071-63020-01~05VAN:VPM92072	M5554/3U M5554/3L	1 Pair	3	2.1646/ 2.1654 54.981/ 55.001	2.3236/ 2.3243 59.019/ 59.037	0.9055 23.00	0.0785 1.994	
	M5554/1U M5554/1L	4 Pairs	1-2-4-5	2.1646/ 2.1654 54.981/ 55.001	2.3236/ 2.3243 59.019/ 59.037	0.7559 19.20	0.0787 1.999	
TW 226AM STD ACL:2T1689 CLE:TW- 303S DAI:T9071A FMO:67277BF GLA:W2230SA GLY:A229/4 NDC:TW-1117K OEM:11011-25010 VAN:VPW95054	W 226D W 226E	2 Pairs		2.5216/ 2.5315 64.049/ 64.300	2.9921/ 3.0020 75.999/ 76.251	0.0000 0.00	0.0980 2.489	
28 L L4 134CI /2.2Liter, SOHC, 8 Valves, Gasoline	10/1977-12/1988	2188 cc	90.00 X 86.00	4 cyl	Hilux, Crown, Toyoace		28	






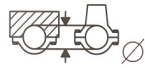


TOYOTA				TOYOTA				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
Valves, vin L, Diesel								
CR4093AM STD/.25/.5/.75/1.0 <i>Bef. 02/82</i> ACL:4B1726 CLE:CB-1325 (4) DAI:R9408A FMO:4-3920CP GLA:B4632 GLY:01-4345/4 NDC:CB-1161A OEM:13202-54010 VAN:VPR92077	C4093	4 Pairs		2.0858/ 2.0866 52.979/ 53.000	2.2049/ 2.2055 56.004/ 56.020	1.0236 26.00	0.0585 1.486	
CR4102AM STD/.25/.5/.75/1.0 <i>For 2/82-8/88</i> ACL:4B1730 DAI:R9409A GLA:B4678 GLY:71-4145/4 NDC:CB-1406GP OEM:13041-54012-01-03VAN:VPR92453	C4102	4 Pairs		2.0858/ 2.0866 52.979/ 53.000	2.2041/ 2.2055 55.984/ 56.020	1.0236 26.00	0.0585 1.486	
MB5144AM STD/.25/.5/.75 <i>For 10/77-4/83</i> ACL:5M1727 CLE:MS-1591 DAI:M9408A FMO:6620M GLA:M5411LC GLY:H1109/5 NDC:MS-1161A OEM:11701-54040-01-03	M5144	5 Pairs		2.4402/ 2.4409 61.981/ 61.999	2.5986/ 2.5994 66.004/ 66.025	1.0827 27.50	0.0782 1.986	
MB5145AM STD/.25/.5/.75/1.0 <i>From 4/83</i> ACL:5M1728 DAI:M9411A FMO:6621M GLA:M5467SA GLY:H1061/5 NDC:MS-1406A OEM:11701-54060-01-03	M5144 M5145	5 Pairs		2.4402/ 2.4409 61.981/ 61.999	2.5986/ 2.5994 66.004/ 66.025	1.0827 27.50	0.0782 1.986	
TW 261AM STD DAI:T9408A GLY:A185/4 K.S:TW-1161A NDC:TW-1161A OEM:11011-54010	W 261D W 261E	2 Pairs	3	2.7559/ 2.7657 70.000/ 70.249	3.2205/ 3.2303 81.801/ 82.050	0.0000 0.00	0.0976 2.479	
29	1AD-FTV L4 /2.0Liter, DOHC, 16 Valves, Diesel Turbocharge	-	1998 cc	86.00 X 86.00	4 cyl	Auris (HYBRID), Auris D4-D, Avensis D4-D, Corolla Verso D4-D	29	
	2AD-FTV L4 136CI /2.2Liter, DOHC, 16 Valves, Diesel Turbocharge	-	2231 cc	86.90 X 86.00	4 cyl	AVENSIS ESTATE/SALOON 2.2 D-4D, COROLLA VERSO 2.2 D-4D, RAV 4 III 03.2006-		
	2AD-FHV L4 136CI /2.2Liter, DOHC, 16 Valves, Diesel Turbocharge	11/2005-	2231 cc	86.00 X 96.00	4 cyl	Lexus IS 220 / 250		
CR4523XA STD/.25/.5/.75/1.0/1.25/1.5/1.75 OEM:13041-26010-01	C4523U C4523L	4 Pairs		1.9678/ 1.9685 49.982/ 50.000	2.0866/ 2.0873 53.000/ 53.017	0.7492 19.03	0.0590 1.499	
30	1Y L4 99CI /1.6Liter, OHV, 8 Valves, Gasoline	10/1982-08/1988	1626 cc	86.00 X 70.00	4 cyl	Liteace,Townace Hilux	30	
	2Y L4 111CI /1.8Liter, OHV, 8 Valves, Gasoline	12/1982-	1812 cc	86.00 X 78.00	4 cyl	Liteace,Townace Hilux		
	3YEC L4 122CI /2.0Liter, OHV, 8 Valves, vin Y, Gasoline	12/1982-12/1985	1998 cc	86.00 X 86.00	4 cyl	Liteace,Townace , Hi-lux , Van		
	4YEC L4 137CI /2.2Liter, OHV, 8 Valves, vin Y, Gasoline	08/1986-12/1990	2237 cc	91.00 X 86.00	4 cyl	Liteace,Townace , Hi-lux , Van		
CR4028AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:4B8281 CLE:CB-1407AL (4) DAI:R9056A FMO:4-3980RA GLA:B4675SA GLY:01-4350/4 NDC:CB-1407A OEM:13041-71011-06-08VAN:VPR92065	C4028	4 Pairs		1.8890/ 1.8898 47.981/ 48.001	2.0080/ 2.0087 51.003/ 51.021	0.7840 19.91	0.0587 1.491	
MB5563AM STD/.25/.5/.75/1.0/1.5 ACL:5M8282 CLE:MS-1715AL DAI:M9056A FMO:6650M GLA:M5462SA NDC:MS-1407A OEM:11702-71020 OEM:11701-71020-01-03VAN:VPM92066	M5563U M5563L	5 Pairs		2.2827/ 2.2835 57.981/ 58.001	2.4411/ 2.4417 62.004/ 62.019	0.8250 20.96	0.0783 1.989	
TW 226AM STD ACL:2T1689 CLE:TW- 303S DAI:T9071A FMO:67277BF GLA:W2230SA GLY:A229/4 NDC:TW-1117K OEM:11011-25010 VAN:VPW95054	W 226D W 226E	2 Pairs		2.5216/ 2.5315 64.049/ 64.300	2.9921/ 3.0020 75.999/ 76.251	0.0000 0.00	0.0980 2.489	

TOYOTA				TOYOTA			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
31	1AZFE L4 122CI /2.0Liter, DOHC, 16 Valves, Gasoline	01/2001-12/2003	1998 cc	86.00 X 86.00	4 cyl	Rav4	31
	2AZFE L4 144CI /2.4Liter, DOHC, 16 Valves, Gasoline	01/2001-12/2009	2362 cc	88.50 X 96.00	4 cyl	Camry , Highlander , Rav4, Corolla, Matrix, Solara	
CR4514SI STD/.25/.5/.75/1.0	C4514	4 Pairs	1-2-3-4	1.8894/ 1.8898 47.991/ 48.001	2.0079/ 2.0087 51.001/ 51.021	0.6140 15.60	0.0587 1.491
MB5646SI STD/.25/.5/.75/1.0	M5646U M5646L	5 Pairs	1-2-3-4-5	2.1649/ 2.1654 54.988/ 55.001	2.3228/ 2.3235 58.999/ 59.017	0.6690 16.99	0.0786 1.996
TW 193AM STD	W 193	1 Pair		2.3819/ 2.3917 60.500/ 60.749	3.0610/ 3.0709 77.749/ 78.001	1.9800 50.29	0.0000 0.000
32	21R L4 120CI /2.0Liter, SOHC, 8 Valves, Gasoline	01/1978-12/1982	1972 cc	84.00 X 89.00	4 cyl		32
	20R L4 134CI /2.2Liter, SOHC, 8 Valves, vin R, Gasoline	01/1974-03/1982	2189 cc	88.50 X 89.00	4 cyl	Celica, Corona, Hi-Lux, Pick-up	
	22R L4 144CI /2.4Liter, SOHC, 8 Valves, vin R, Gasoline	01/1980-12/1990	2366 cc	92.00 X 89.00	4 cyl	4Runner, Celica, Corona, Pick-up	
CR4129AM STD/.25/.5/.75/1.0/1.5	C4129	4 Pairs		2.0854/ 2.0862 52.969/ 52.989	2.2047/ 2.2057 55.999/ 56.025	0.8660 22.00	0.0587 1.491
CS3301BB	S3301U S3301L	3	1-2-3	1.2967/ 1.2974 32.936/ 32.954	1.3836/ 1.3846 35.143/ 35.169	0.8000 20.32	0.0418 1.062
MB 506AM STD/.25/.5/.75/1.0/1.5 From 3/82	M 506U M 506L	5 Pairs		2.3613/ 2.3622 59.977/ 60.000	2.5197/ 2.5206 64.000/ 64.023	0.8660 22.00	0.0784 1.991
MB 580AM STD/.25/.5/.75/1.0 Bef. 3/82	M 506U M 580/3	4 Pairs 1 Pair	1-2-4-5 3	2.3613/ 2.3622 59.977/ 60.000	2.5197/ 2.5206 64.000/ 64.023	0.8660 0.9400 23.88	0.0784 1.991 0.0784 1.991
TW 230AM STD Bef. 3/84	W 230D W 230E	2 Pairs		2.5984/ 2.6083 65.999/ 66.251	3.1496/ 3.1594 80.000/ 80.249	0.0000 0.00	0.0783 1.989
TW 234AM STD From 4/84	W 234D W 234E	2 Pairs		2.5984/ 2.6083 65.999/ 66.251	3.1496/ 3.1594 80.000/ 80.249	0.0000 0.00	0.1079 2.741
33	21R-C L4 120CI /2.0Liter, SOHC, 8 Valves, Gasoline	03/1982-12/1985	1972 cc	84.00 X 89.00	4 cyl		33
	21R-U L4 120CI /2.0Liter, SOHC, 8 Valves, Gasoline	03/1982-12/1986	1972 cc	84.00 X 89.00	4 cyl		
	22RE L4 144CI /2.4Liter, SOHC, 8 Valves, vin R, Gasoline	01/1989-12/1995	2366 cc	92.00 X 89.00	4 cyl		
	22REC L4 144CI /2.4Liter, SOHC, 8 Valves, vin R, Gasoline	01/1983-12/1988	2366 cc	92.00 X 89.00	4 cyl		
	22RTEC L4 144CI /2.4Liter, SOHC, 8 Valves, vin R, Gasoline Turbocharge	01/1985-12/1988	2366 cc	92.00 X 89.00	4 cyl		
CR4129AM STD/.25/.5/.75/1.0/1.5	C4129	4 Pairs		2.0854/ 2.0862 52.969/ 52.989	2.2047/ 2.2057 55.999/ 56.025	0.8660 22.00	0.0587 1.491






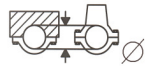


TOYOTA				TOYOTA				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
NDC:CB-1133 OEM:13041-35030-A0-COVAN:VPR91681								
CS3301BB DUR:TOA-1 FMO:1859M	S3301U S3301L	3	1-2-3	1.2967/ 1.2974 32.936/ 32.954	1.3836/ 1.3846 35.143/ 35.169	0.8000 20.32	0.0418 1.062	
MB 506AM STD/.25/.5/.75/1.0/1.5 ACL:5M1705 CLE:MS-1590P DAI:M9064K FMO:7148M GLA:M5410LC NDC:MS-1405GP OEM:11701-35030-03-05VAN:VPM92064	M 506U M 506L	5 Pairs		2.3613/ 2.3622 59.977/ 60.000	2.5197/ 2.5206 64.000/ 64.023	0.8660 22.00	0.0784 1.991	
TW 234AM STD ACL:2T1705 CLE:TW- 463S DAI:T9064A FMO:67333AF GLA:W2271BZ NDC:TW-1405K OEM:11011-35020	W 234D W 234E	2 Pairs		2.5984/ 2.6083 65.999/ 66.251	3.1496/ 3.1594 80.000/ 80.249	0.0000 0.00	0.1079 2.741	
34	1RZ L4 122CI /2.0Liter, SOHC, 8 Valves, Gasoline	05/1990-	1998 cc	86.00 X 86.00	4 cyl	Landcruiser, Regius, Hilux	34	
	2RZFE L4 149CI /2.4Liter, DOHC, 16 Valves, vin L,U, Gasoline	01/1990-12/2004	2438 cc	95.00 X 86.00	4 cyl	Hi-Lux, Land Cruiser, Regius, Tacoma		
	2TZFE L4 149CI /2.4Liter, DOHC, 16 Valves, vin A, Gasoline	01/1990-12/1995	2438 cc	95.00 X 86.00	4 cyl	Previa		
	2TZFZE L4 149CI /2.4Liter, DOHC, 16 Valves, vin A,K, Gasoline Supercharged	01/1995-12/1997	2438 cc	95.00 X 86.00	4 cyl	Previa		
CR4219AM STD/.25/.5/.75/1.0/1.5 ACL:4B8376 CLE:CB-1781AL (4) DAI:R9066A FMO:4-4855A- GLA:B4798SA NDC:CB-1435 OEM:13041-75020 OEM:13041-75010-01-03	C4219	4 Pairs		2.0860/ 2.0870 52.984/ 53.010	2.2047/ 0.0000 55.999/ 0.000	0.0000 0.00	0.0587 1.491	
MB5089AM STD/.25/.5/.75/1.0/1.5 ACL:5M8378 CLE:MS-2212AL DAI:M9066A FMO:7391M GLA:M5596SA NDC:MS-1435 OEM:11071-75010-01-03	M5089/1U M5089/1L	2 Pairs	1,5	2.3617/ 2.3622 59.987/ 60.000	2.5197/ 2.5206 64.000/ 64.023	0.9910 25.17	0.0783 1.989	
	M5089/2U M5089/2L	3 Pairs	2,3,4	2.3617/ 2.3622 59.987/ 60.000	2.5197/ 2.5206 64.000/ 64.023	0.9110 23.14	0.0783 1.989	
TW 285AM ACL:2T8377 CLE:TW- 604S DAI:T9066A FMO:4937F NDC:TW-1435A OEM:11011-75010	W 285D W 285E	2 Pairs		2.5689/ 2.5787 65.250/ 65.499	3.5335/ 3.5433 89.751/ 90.000	0.0000 0.00	0.0980 2.489	
35	2L L4 149CI /2.4Liter, SOHC, 8 Valves, vin L, Diesel	02/1982-12/1990	2446 cc	92.00 X 92.00	4 cyl		35	
	2LT L4 149CI /2.4Liter, SOHC, 8 Valves, vin L, Diesel Turbocharge	02/1982-12/1990	2446 cc	92.00 X 92.00	4 cyl			
CR4093AM STD/.25/.5/.75/1.0 Bef. 2/82 ACL:4B1726 CLE:CB-1325 (4) DAI:R9408A FMO:4-3920CP GLA:B4632 GLY:01-4345/4 NDC:CB-1161A OEM:13202-54010 VAN:VPR92077	C4093	4 Pairs		2.0858/ 2.0866 52.979/ 53.000	2.2049/ 2.2055 56.004/ 56.020	1.0236 26.00	0.0585 1.486	
CR4102AM STD/.25/.5/.75/1.0 For 2/82-8/84 w/ 53mm journal ACL:4B1730 DAI:R9409A GLA:B4678 GLY:71-4145/4 NDC:CB-1406GP OEM:13041-54012-01-03VAN:VPR92453	C4102	4 Pairs		2.0858/ 2.0866 52.979/ 53.000	2.2041/ 2.2055 55.984/ 56.020	1.0236 26.00	0.0585 1.486	
CR4187AM STD/.25/.5/.75/1.0 For 8/82-8/83 w/ 55mm journal ACL:4B1720 CLE:CB-1472AL (4) DAI:R9410A FMO:4-3930RA GLA:B4754SA GLY:01-4146/4 NDC:CB-1411A OEM:13041-54040-01-03	C4187	4 Pairs		2.1648/ 2.1654 54.986/ 55.001	2.2836/ 2.2844 58.003/ 58.024	1.0240 26.01	0.0585 1.486	
MB5144AM STD/.25/.5/.75 From 2/82-8/83 ACL:5M1727 CLE:MS-1591 DAI:M9408A FMO:6620M GLA:M5411LC GLY:H1109/5 NDC:MS-1161A OEM:11701-54040-01-03	M5144	5 Pairs		2.4402/ 2.4409 61.981/ 61.999	2.5986/ 2.5994 66.004/ 66.025	1.0827 27.50	0.0782 1.986	

TOYOTA				TOYOTA			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
MB5145AMSTD/.25/.5/.75/1.0 From 8/83 ACL:5M1728 DAI:M9411A FMO:6621M GLA:M5467SA GLY:H1061/5 NDC:MS-1406A OEM:11701-54060-01-03	M5144 M5145	5 Pairs		2.4402/ 2.4409 61.981/ 61.999	2.5986/ 2.5994 66.004/ 66.025	1.0827 27.50	0.0782 1.986
TW 261AMSTD DAI:T9408A GLY:A185/4 K.S:TW-1161A NDC:TW-1161A OEM:11011-54010	W 261D W 261E	2 Pairs	3	2.7559/ 2.7657 70.000/ 70.249	3.2205/ 3.2303 81.801/ 82.050	0.0000 0.00	0.0976 2.479
36	1VZ-FE DOHC, 24 Valves,	01/1987-12/1995	1992 cc	78.00 X 70.00	6 cyl		36
	2VZFE V6 153CI /2.5Liter, DOHC, 24 Valves, vin V, Gasoline	01/1988-12/1991	2508 cc	87.50 X 69.50	6 cyl		
CR6634AMSTD/.25/.5/.75 ACL:6B9517 CLE:CB-1594AL (6) DAI:R9324K FMO:6-4010RA NDC:CB-1423 OEM:13041-62010	C6634	6 Pairs		1.8892/ 1.8898 47.986/ 48.001	2.0079/ 2.0088 51.001/ 51.024	0.6690 16.99	0.0586 1.488
MB4012AMSTD/.25/.5/.75/1.0 ACL:4M8063 ~ CLE:MS-2011P DAI:M9327A FMO:7261M NDC:MS-1437 OEM:11701-65011 OEM:11071-65010	M4012/1U M4012/1L	1 Pair	1	2.5191/ 2.5197 63.985/ 64.000	2.6776/ 2.6783 68.011/ 68.029	0.8996 22.85	0.0786 1.996
	M4012/2U M4012/2L	3 Pairs	2,3,4	2.5191/ 2.5197 63.985/ 64.000	2.6776/ 2.6783 68.011/ 68.029	0.7323 18.60	0.0786 1.996
TW 249AMSTD ACL:2T8063 CLE:TW- 554S DAI:T9324A FMO:3956BF NDC:TW-1423A OEM:11011-62021 OEM:11011-62010	W 249D W 249E	2 Pairs		2.7953/ 2.8051 71.001/ 71.250	3.4055/ 3.4153 86.500/ 86.749	0.0000 0.00	0.0976 2.479
37	3M /2.0Liter, SOHC, 12 Valves,	05/1967-02/1971	1988 cc	75.00 X 75.00	6 cyl	Crown, Cressida	37
	2M L6 137CI /2.2Liter, SOHC, 12 Valves, Gasoline	09/1969-02/1973	2253 cc	75.00 X 85.00	6 cyl	Crown, Cressida	
	4M L6 156CI /2.6Liter, SOHC, 12 Valves, vin M, Gasoline	02/1971-11/1975	2563 cc	80.00 X 85.00	6 cyl	Crown, Cressida	
CR6605AMSTD/.25/.5/.75/1.0 ACL:6B1160 CLE:CB-1280AL (6) DAI:R9035K FMO:6-3965CP GLA:B6489SA NDC:CB-1171 OEM:13202-41010 VAN:VPR91747	C6605	6 Pairs		2.0466/ 2.0472 51.984/ 51.999	2.1662/ 2.1667 55.021/ 55.034	0.7870 19.99	0.0590 1.499
CS 413BB CLE:SH- 730S FMO:1569M GLA:C4083S/L NDC:SH-1068 OEM:11802-33010 VAN:VPC94086							
MB 767AMSTD/.25/.5/.75 ACL:7M1164 CLE:MS-1104AL DAI:M9035K FMO:6734M GLA:M7331SA NDC:MS-1051 OEM:11702-41010 VAN:VPM91748	M 787/2U	7 Pairs		2.3618/ 2.3626 59.990/ 60.010	2.5206/ 2.5215 64.023/ 64.046	0.8700 22.10	0.0789 2.004
TW 210AM ACL:2T7962 CLE:TW- 228S DAI:T9035A FMO:67033BF GLA:W2192SA NDC:TW-1006B OEM:11011-40010	W 210D W 210E	2 Pairs		2.5984/ 2.6083 65.999/ 66.251	3.1496/ 3.1594 80.000/ 80.249	0.0000 0.00	0.1171 2.974
38	3RZFE L4 164CI /2.7Liter, DOHC, 16 Valves, vin M,U, Gasoline	01/1994-12/2004	2694 cc	95.00 X 95.00	4 cyl		38
MB5089AMSTD/.25/.5/.75/1.0/1.5 ACL:5M8378 CLE:MS-2212AL DAI:M9066A FMO:7391M GLA:M5596SA NDC:MS-1435 OEM:11071-75010-01-03	M5089/1U M5089/1L	2 Pairs	1,5	2.3617/ 2.3622 59.987/ 60.000	2.5197/ 2.5206 64.000/ 64.023	0.9910 25.17	0.0783 1.989
	M5089/2U M5089/2L	3 Pairs	2,3,4	2.3617/ 2.3622 59.987/ 60.000	2.5197/ 2.5206 64.000/ 64.023	0.9110 23.14	0.0783 1.989
TW 285AM ACL:2T8377 CLE:TW- 604S DAI:T9066A FMO:4937F NDC:TW-1435A OEM:11011-75010	W 285D W 285E	2 Pairs		2.5689/ 2.5787 65.250/ 65.499	3.5335/ 3.5433 89.751/ 90.000	0.0000 0.00	0.0980 2.489
39	5ME L6 168CI /2.8Liter, SOHC, 12 Valves, vin M, Gasoline	04/1978-12/1982	2759 cc	83.00 X 85.00	6 cyl	Celica, Cressida, Crown	39

TOYOTA				TOYOTA				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
5MGE L6 168CI /2.8Liter, DOHC, 12 Valves, Gasoline 6M /3.0Liter, 7MGE L6 180CI /3.0Liter, DOHC, 24 Valves, vin M, Gasoline 7MGTE L6 180CI /3.0Liter, DOHC, 24 Valves, vin M, Gasoline Turbocharge	01/1982-12/1988	2759 cc	83.00 X 85.00	6 cyl	Celica, Cressida, Supra			
	07/1983-08/1987	2954 cc	83.00 X 91.00	6 cyl	Soarer, Celica			
	01/1986-12/1992	2954 cc	83.00 X 91.00	6 cyl	Celica, Cressida, Soarer, Supra			
	01/1987-12/1992	2954 cc	83.00 X 91.00	6 cyl	Supra			
CR 696AM STD/.25/.5/.75/1.0 7/1984-92 ACL:6B1170 CLE:CB-1437AL(6) DAI:R9336K FMO:6-1165P GLA:B6441LC NDC:CB-1414GP OEM:13041-42010-01-05	C 696	6 Pairs		2.0464/ 2.0475 51.979/ 52.007	2.1663/ 2.1671 55.024/ 55.044	0.7880 20.02	0.0590 1.499	
CR6605AM STD/.25/.5/.75/1.0 Bef. 07/84 ACL:6B1160 CLE:CB-1280AL(6) DAI:R9035K FMO:6-3965CP GLA:B6489SA NDC:CB-1171 OEM:13202-41010 VAN:VPM91747	C6605	6 Pairs		2.0466/ 2.0472 51.984/ 51.999	2.1662/ 2.1667 55.021/ 55.034	0.7870 19.99	0.0590 1.499	
MB 767AM STD/.25/.5/.75 Bef. 07/84 ACL:7M1164 CLE:MS-1104AL DAI:M9035K FMO:6734M GLA:M7331SA NDC:MS-1051 OEM:11702-41010 VAN:VPM91748	M 787/2U	7 Pairs		2.3618/ 2.3626 59.990/ 60.010	2.5206/ 2.5215 64.023/ 64.046	0.8700 22.10	0.0789 2.004	
MB 787AM STD/.25/.5/.75/1.0 From 7/84 ACL:7M1165 CLE:MS-1774 DAI:M9036K FMO:6693M GLA:M7470LC NDC:MS-1414GP OEM:11702-43010 OEM:11071-43010-01-05	M 787/1U M 787/1L M 787/2U M 787/2L	1 Pair 6 Pairs	1 2-3-4-5-6-7	2.3620/ 2.3627 59.995/ 60.013 2.3620/ 2.3627 59.995/ 60.013	2.5206/ 2.5213 64.023/ 64.041 2.5206/ 2.5213 64.023/ 64.041	0.9891 25.12 0.8710 22.12	0.0786 1.996 0.0786 1.996	
TW 210AM ACL:2T7962 CLE:TW- 228S DAI:T9035A FMO:67033BF GLA:W2192SA NDC:TW-1006B OEM:11011-40010	W 210D W 210E	2 Pairs		2.5984/ 2.6083 65.999/ 66.251	3.1496/ 3.1594 80.000/ 80.249	0.0000 0.00	0.1171 2.974	
40	3VZE V6 181CI /3.0Liter, SOHC, 12 Valves, vin V, Gasoline	01/1987-12/1995	2958 cc	87.50 X 82.00	6 cyl		40	
CR6641AM STD/.25/.5/.75/1.0 ACL:6B8060 CLE:CB-1625P(6) DAI:R9327A FMO:6-4385P NDC:CB-1437 OEM:13041-65010	C6641	6 Pairs		2.1648/ 2.1654 54.986/ 55.001	2.2835/ 2.2844 58.001/ 58.024	0.6650 16.89	0.0585 1.486	
MB4012AM STD/.25/.5/.75/1.0 ACL:4M8063 ~ CLE:MS-2011P DAI:M9327A FMO:7261M NDC:MS-1437 OEM:11701-65011 OEM:11071-65010	M4012/1U M4012/1L M4012/2U M4012/2L	1 Pair 3 Pairs	1 2,3,4	2.5191/ 2.5197 63.985/ 64.000 2.5191/ 2.5197 63.985/ 64.000	2.6776/ 2.6783 68.011/ 68.029 2.6776/ 2.6783 68.011/ 68.029	0.8996 22.85 0.7323 18.60	0.0786 1.996 0.0786 1.996	
TW 249AM STD ACL:2T8063 CLE:TW- 554S DAI:T9324A FMO:3956BF NDC:TW-1423A OEM:11011-62021 OEM:11011-62010	W 249D W 249E	2 Pairs		2.7953/ 2.8051 71.001/ 71.250	3.4055/ 3.4153 86.500/ 86.749	0.0000 0.00	0.0976 2.479	
41	1KZ-TE L4 182CI /3.0Liter, SOHC, 8 Valves, Diesel Turbocharge	10/1993-	2982 cc	96.00 X 103.00	4 cyl	Hilux, Landcruiser, Hilux Surf	41	
	1KZT L4 182CI /3.0Liter, SOHC, 8 Valves, Diesel Turbocharge	05/1993-	2982 cc	96.00 X 103.00	4 cyl			
CR4390SI DAI:R9500A NDC:CB-1452 OEM:13041-30020-02 x 8	C1291	4 Pairs		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 2.4441 0.000/ 62.080	0.9640 24.49	0.0590 1.499	
MB5423SI DAI:M9500A NDC:MS-1452 OEM:11701-30020-02x5	M1198U M5423L	5 Pairs		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 2.9546 0.000/ 75.047	0.9290 23.60	0.0970 2.464	
TW 290AM <i>Under Development</i>	W 290	2 Pairs		0.0000/ 3.0020 0.000/ 76.251	3.5800/ 0.0000 90.932/ 0.000	0.0000 0.00	0.0976 2.479	

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King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
DAI:T9500A NDC:TW-1452A	GLY:A275/4 OEM:11011-67020						
42	3L L4 170CI /2.8Liter, SOHC, 8 Valves, Diesel	08/1988-12/1992	2779 cc	96.00 X 96.00	4 cyl		42
	5L L4 182CI /3.0Liter, SOHC, 8 Valves, Diesel	01/1997-12/2000	2986 cc	99.50 X 96.00	4 cyl		
CR4187AM STD/.25/.5/.75/1.0 ACL:4B1720 DAI:R9410A GLA:B4754SA NDC:CB-1411A OEM:13041-54040-01~03	C4187	4 Pairs		2.1648/ 2.1654 54.986/ 55.001	2.2836/ 2.2844 58.003/ 58.024	1.0240 26.01	0.0585 1.486
MB5145AM STD/.25/.5/.75/1.0 ACL:5M1728 FMO:6621M GLY:H1061/5 OEM:11701-54060-01~03	M5144 M5145	5 Pairs		2.4402/ 2.4409 61.981/ 61.999	2.5986/ 2.5994 66.004/ 66.025	1.0827 27.50	0.0782 1.986
TW 261AM STD DAI:T9408A K.S:TW-1161A OEM:11011-54010	W 261D W 261E	2 Pairs	3	2.7559/ 2.7657 70.000/ 70.249	3.2205/ 3.2303 81.801/ 82.050	0.0000 0.00	0.0976 2.479
43	1MZFE V6 183CI /3.0Liter, DOHC, 24 Valves, vin F,G, Gasoline	01/1994-12/2006	2995 cc	87.50 X 83.00	6 cyl	Avalon, Camry, Highlander, Sienna, Solara	43
CR6686AM STD/.25/.5/.75/1.0 ACL:6B8381 FMO:6-4905P	C6686	6 Pairs	1-6	2.0864/ 2.0866 52.995/ 53.000	2.2047/ 2.2057 55.999/ 56.025	0.6300 16.00	0.0587 1.491
MB4011AM STD/.25/.5/.75 ACL:4M8379 FMO:7405M	M4011/1U M4011/1L	2 Pairs		2.4011/ 2.4016 60.988/ 61.001	2.5984/ 2.5990 65.999/ 66.015	0.7480 19.00	0.0981 2.492
	M4011/3U M4011/3L	2 Pairs		2.4011/ 2.4016 60.988/ 61.001	2.5984/ 2.5990 65.999/ 66.015	0.8819 22.40	0.0981 2.492
TW 257AM ACL:2T8379 FMO:4907F	W 257D W 257E	2 Pairs		2.6850/ 2.6949 68.199/ 68.450	3.2953/ 3.3051 83.701/ 83.950	0.0000 0.00	0.0780 1.981
44	1JZGE L6 152CI /2.5Liter, DOHC, 24 Valves, Gasoline	-	2491 cc		6 cyl	Camry, Supra	44
	2JZGE L6 183CI /3.0Liter, DOHC, 24 Valves, vin D,J, Gasoline	01/1993-12/1998	2997 cc	86.10 X 86.10	6 cyl	Camry, Supra	
	2JZGTE L6 183CI /3.0Liter, DOHC, 24 Valves, vin E,J, Gasoline Turbocharge	01/1993-12/1998	2997 cc	86.10 X 86.10	6 cyl	Supra	
CR6754CP ACL:6B8100 NDC:CB-1434GP	C6754	6 Pairs		2.0465/ 2.0472 51.981/ 51.999	2.1663/ 2.1670 55.024/ 55.042	0.7600 19.30	0.0595 1.511
MB7084AM ACL:7M8103 NDC:MS-1434	M7084/1U M7084/1L	6 Pairs	2-7	2.4403/ 2.4410 61.984/ 62.001	2.5992/ 2.5998 66.020/ 66.035	0.7870 19.99	0.0791 2.009
	M7084/2U M7084/2L	1 Pair	1	2.4403/ 2.4410 61.984/ 62.001	2.5992/ 2.5998 66.020/ 66.035	0.9060 23.01	0.0791 2.009
TW 284AM STD ACL:2T8103 NDC:TW-1434A	W 284/1 W 284/2	2 Pairs		2.6535/ 2.6535 67.399/ 67.399	3.2244/ 3.2244 81.900/ 81.900	0.0776 1.97	0.0000 0.000
45	B L4 182CI /3.0Liter, OHV, 8 Valves, Diesel	02/1972-12/1990	2977 cc	95.00 X 105.00	4 cyl	Dina, Coaster	45
	2B L4 195CI /3.2Liter, OHV, 8 Valves, Diesel	01/1977-10/1982	3197 cc	98.00 X 105.00	4 cyl	Dina, Coaster	
CR4137AM .25/.5/.75/1.0 Bef. 4/88 One 4 mm hole at 20 degrees from the centerline CLE:CB-1240P (4) FMO:4-1060CP GLY:71-4342/4 OEM:13041-56010-010~020VAN:VPR92073A	C4137	4 Pairs		2.3220/ 2.3228 58.979/ 58.999	2.4409/ 2.4417 61.999/ 62.019	1.1810 30.00	0.0585 1.486
CR4190AM	C4190	4 Pairs		2.3220/ 2.3228	2.4409/ 2.4419	1.1810	0.0585

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King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
From 488 One 4 mm hole at 28 degrees from the centerline ACL: 4B8375 CLE: CB-1475AL (4) DAI: R9490A GLA: B4750SA NDC: CB-1428A OEM: 13041-56020-010-020VAN: VPR92610A					58.979/ 58.999	61.999/ 62.024	30.00	1.486
MB5060AM STD/.25/.5/.75/1.0 Upper half - with 2 holes 8 mm and full groove 2.0 mm wide, lower half - with partial groove. ACL: 5M8374 DAI: M9490A FMO: 7105M GLA: M5581SA GLY: H1193/5 NDC: MS-1428A OEM: 11701-56010-010-020VAN: VPM92718	M5060U M5060L	5 Pairs	1-5	2.7551/ 2.7559 69.980/ 70.000	2.9528/ 2.9537 75.001/ 75.024	1.0590 26.90	0.0980 2.489	
MB5584AM .25/.5/.75/1.0 Regular components - with 2 holes 6 mm and full groove (2.0 mm wide), Flanged components - with one hole 6 mm and full groove (2.0 mm wide), Flange length: STD 33.91 mm (FI STD) 0.25 - 34.01 mm (FI oversize 0.1mm) 0.5, 0.75 - 34.16mm (FI oversize 0.25 mm) 1.0, 1.25, 1.5 - 34.41 mm (FI oversize 0.5 mm) CLE: MS-1499P DAI: M9483A FMO: 6684M GLA: M5381SA GLY: H1152/5 NDC: MS-1121GP OEM: 11702-56010 VAN: VPM92074A	F5584	1 Pair	3	2.7551/ 2.7559 69.980/ 70.000	2.9528/ 2.9537 75.001/ 75.024	1.3350 33.91	0.0980 2.489	
	M5584	4 Pairs	1-2-4-5	2.7551/ 2.7559 69.980/ 70.000	2.9528/ 2.9537 75.001/ 75.024	1.0870 27.61	0.0980 2.489	
TW 281AM Under Development UNDER DEVELOPMENT DAI: T9490A GLY: A172/4 NDC: TW-1417A OEM: 11011-56010	W 281	2 Pairs		0.0000/ 3.0020 0.000/ 76.251	3.5710/ 0.0000 90.703/ 0.000	0.0000 0.00	0.0976 2.479	
46	3MZFE V6 201CI /3.3Liter, DOHC, 24 Valves, Gasoline	01/2004-12/2010	3300 cc	92.00 X 83.00	6 cyl	Camry , Highlander, Sienna , Solara	46	
CR6686AM STD/.25/.5/.75/1.0 ACL: 6B8381 CLE: CB-1833P (6) FMO: 6-4905P OEM: 13041-20010	C6686	6 Pairs	1-6	2.0864/ 2.0866 52.995/ 53.000	2.2047/ 2.2057 55.999/ 56.025	0.6300 16.00	0.0587 1.491	
MB4011AM STD/.25/.5/.75 ACL: 4M8379 CLE: MS-2240P FMO: 7405M OEM: 11701-20010	M4011/1U M4011/1L	2 Pairs		2.4011/ 2.4016 60.988/ 61.001	2.5984/ 2.5990 65.999/ 66.015	0.7480 19.00	0.0981 2.492	
	M4011/3U M4011/3L	2 Pairs		2.4011/ 2.4016 60.988/ 61.001	2.5984/ 2.5990 65.999/ 66.015	0.8819 22.40	0.0981 2.492	
TW 257AM ACL: 2T8379 CLE: TW- 618S FMO: 4907F	W 257D W 257E	2 Pairs		2.6850/ 2.6949 68.199/ 68.450	3.2953/ 3.3051 83.701/ 83.950	0.0000 0.00	0.0780 1.981	
47	4VZFE V6 152CI /2.5Liter, DOHC, 24 Valves, Gasoline	01/1987-12/1995	2497 cc	87.00 X 69.00	6 cyl	Camry, Hilux	47	
	3VZFE V6 181CI /3.0Liter, DOHC, 24 Valves, vin V, Gasoline	01/1992-12/1993	2958 cc	87.50 X 82.00	6 cyl	Camry		
	5VZFE V6 206CI /3.4Liter, DOHC, 24 Valves, vin N,V, Gasoline	01/1995-12/2004	3378 cc	93.50 X 82.00	6 cyl	Tacoma, T100, 4 Runner ,Tundra		
CR6669AM STD/.25/.5/.75/1.0 ACL: 6B8061 CLE: CB-1783P (6) DAI: R9328K FMO: 6-4380RA NDC: CB-1445 OEM: 13041-62030 OEM: 13041-62020	C6669	6 Pairs		2.1648/ 2.1654 54.986/ 55.001	2.2835/ 2.2844 58.001/ 58.024	0.6650 16.89	0.0585 1.486	
MB4012AM STD/.25/.5/.75/1.0 ACL: 4M8063 ~ CLE: MS-2011P DAI: M9327A FMO: 7261M NDC: MS-1437 OEM: 11701-65011 OEM: 11071-65010	M4012/1U M4012/1L	1 Pair	1	2.5191/ 2.5197 63.985/ 64.000	2.6776/ 2.6783 68.011/ 68.029	0.8996 22.85	0.0786 1.996	
	M4012/2U M4012/2L	3 Pairs	2,3,4	2.5191/ 2.5197 63.985/ 64.000	2.6776/ 2.6783 68.011/ 68.029	0.7323 18.60	0.0786 1.996	
TW 249AM STD ACL: 2T8063 CLE: TW- 554S DAI: T9324A FMO: 3956BF NDC: TW-1423A OEM: 11011-62021 OEM: 11011-62010	W 249D W 249E	2 Pairs		2.7953/ 2.8051 71.001/ 71.250	3.4055/ 3.4153 86.500/ 86.749	0.0000 0.00	0.0976 2.479	
48	3B L4 209CI /3.4Liter, OHV, 8 Valves, Diesel	08/1980-12/1988	3431 cc	98.00 X 105.00	4 cyl		48	
CR4052AM STD/.25/.5/.75/1.0	C4052	4 Pairs		2.4008/ 2.4014	2.5197/ 2.5205	1.1810	0.0587	

TOYOTA				TOYOTA			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
Bef. 8/88 CLE:CB-1464AL (4) DAI:R9484A FMO:4-1855RA GLA:B4646SA GLY:01-4346/4 NDC:CB-1401A OEM:13041-58010-010-020VAN:VPR92493A							
CR4189AMSTD/.25/.5/.75/1.0 <i>From 8/88-</i>	C4189	4 Pairs		60.980/ 60.996 2.4010/ 2.4016 60.985/ 61.001	64.000/ 64.021 2.5197/ 2.5207 64.000/ 64.026	30.00 1.1810 30.00	1.491 0.0585 1.486
ACL:4B8285 CLE:CB-1476AL (4) DAI:R9492A GLA:B4751SA GLY:71-4447/4 NDC:CB-1429A OEM:13041-56040-010-020							
MB5060AMSTD/.25/.5/.75/1.0 <i>8/84-8/88 Upper half - with 2 holes 8 mm and full groove 2.0 mm wide, lower half - with partial groove.</i>	M5060U M5060L	5 Pairs	1-5	2.7551/ 2.7559 69.980/ 70.000	2.9528/ 2.9537 75.001/ 75.024	1.0590 26.90	0.0980 2.489
ACL:5M8374 DAI: M9490A FMO:7105M GLA:M5581SA GLY:H1193/5 NDC:MS-1428A OEM:11701-56010-010-020VAN:VPM92718							
MB5584AM.25/.5/.75/1.0 <i>8/80-8/84</i>	F5584	1 Pair	3	2.7551/ 2.7559 69.980/ 70.000	2.9528/ 2.9537 75.001/ 75.024	1.3350 33.91	0.0980 2.489
CLE:MS-1499P DAI:M9483A FMO:6684M GLA:M5381SA GLY:H1152/5 NDC:MS-1121GP OEM:11702-56010 VAN:VPM92074A	M5584	4 Pairs	1-2-4-5	2.7551/ 2.7559 69.980/ 70.000	2.9528/ 2.9537 75.001/ 75.024	1.0870 27.61	0.0980 2.489
TW 281AM <i>Under Development For MB5060AM Only</i>	W 281	2 Pairs		0.0000/ 3.0020 0.000/ 76.251	3.5710/ 0.0000 90.703/ 0.000	0.0000 0.00	0.0976 2.479
DAI:T9490A GLY:A172/4 NDC:TW-1417A OEM:11011-56010							
49	1PZ L5 212CI /3.5Liter, SOHC, 10 Valves, Diesel Turbocharge	01/1990-	3470 cc	94.00 X 100.00	5 cyl	Hilux, Landcruiser, Hilux Surf	49
CR 518AM	C6716	5 Pairs		2.3226/ 2.3230 58.994/ 59.004	2.4415/ 2.4422 62.014/ 62.032	0.9270 23.55	0.0587 1.491
DAI:R9389A NDC:CB-1439 OEM:13041-17010-02-06							
MB 623AM	M7028U M7028L	6 Pairs	1-6	2.6376/ 2.6380 66.995/ 67.005	2.7953/ 2.7960 71.001/ 71.018	0.8700 22.10	0.0780 1.981
DAI:M9389A NDC:MS-1439 OEM:11701-17010-02-06							
50	11B 8 Valves, Diesel	01/1985-12/1990	2977 cc	95.00 X 105.00	4 cyl		50
	13B L4 209CI /3.4Liter, OHV, 8 Valves, Diesel	09/1984-12/1990	3431 cc	102.00 X 105.00	4 cyl	Oyna, Land Cruiser	
	14B L4 223CI /3.7Liter, OHV, 8 Valves, Diesel	08/1988-12/1990	3661 cc	102.00 X 112.00	4 cyl		
CR4052AMSTD/.25/.5/.75/1.0 <i>Bef. 8/89</i>	C4052	4 Pairs		2.4008/ 2.4014 60.980/ 60.996	2.5197/ 2.5205 64.000/ 64.021	1.1810 30.00	0.0587 1.491
CLE:CB-1464AL (4) DAI:R9484A FMO:4-1855RA GLA:B4646SA GLY:01-4346/4 NDC:CB-1401A OEM:13041-58010-010-020VAN:VPR92493A							
CR4189AMSTD/.25/.5/.75/1.0 <i>From 8/89</i>	C4189	4 Pairs		2.4010/ 2.4016 60.985/ 61.001	2.5197/ 2.5207 64.000/ 64.026	1.1810 30.00	0.0585 1.486
ACL:4B8285 CLE:CB-1476AL (4) DAI:R9492A GLA:B4751SA GLY:71-4447/4 NDC:CB-1429A OEM:13041-56040-010-020							
MB5060AMSTD/.25/.5/.75/1.0	M5060U M5060L	5 Pairs	1-5	2.7551/ 2.7559 69.980/ 70.000	2.9528/ 2.9537 75.001/ 75.024	1.0590 26.90	0.0980 2.489
ACL:5M8374 DAI: M9490A FMO:7105M GLA:M5581SA GLY:H1193/5 NDC:MS-1428A OEM:11701-56010-010-020VAN:VPM92718							
TW 281AM <i>Under Development</i>	W 281	2 Pairs		0.0000/ 3.0020 0.000/ 76.251	3.5710/ 0.0000 90.703/ 0.000	0.0000 0.00	0.0976 2.479
DAI:T9490A GLY:A172/4 NDC:TW-1417A OEM:11011-56010							
51	13BT L4 209CI /3.4Liter, OHV, 8 Valves, Diesel Turbocharge	06/1986-12/1990	3431 cc	102.00 X 105.00	4 cyl		51
	14BT L4 223CI /3.7Liter, OHV, 8 Valves, Diesel Turbocharge	10/1989-12/1990	3661 cc	102.00 X 112.00	4 cyl		

TOYOTA				TOYOTA				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
CR4052AM STD/.25/.5/.75/1.0 <i>Bef. 8/88</i> CLE:CB-1464AL(4) DAI:R9484A FMO:4-1855RA GLA:B4646SA GLY:01-4346/4 NDC:CB-1401A OEM:13041-58010-010-020VAN:VPR92493A	C4052	4 Pairs		2.4008/ 2.4014 60.980/ 60.996	2.5197/ 2.5205 64.000/ 64.021	1.1810 30.00	0.0587 1.491	
CR4189AM STD/.25/.5/.75/1.0 <i>From 8/88-</i> ACL:4B8285 CLE:CB-1476AL(4) DAI:R9492A GLA:B4751SA GLY:71-4447/4 NDC:CB-1429A OEM:13041-56040-010-020	C4189	4 Pairs		2.4010/ 2.4016 60.985/ 61.001	2.5197/ 2.5207 64.000/ 64.026	1.1810 30.00	0.0585 1.486	
MB5060AM STD/.25/.5/.75/1.0 ACL:5M8374 DAI: M9490A FMO:7105M GLA:M5581SA GLY:H1193/5 NDC:MS-1428A OEM:11701-56010-010-020VAN:VPM92718	M5060U M5060L	5 Pairs	1-5	2.7551/ 2.7559 69.980/ 70.000	2.9528/ 2.9537 75.001/ 75.024	1.0590 26.90	0.0980 2.489	
TW 281AM <i>Under Development</i> DAI:T9490A GLY:A172/4 NDC:TW-1417A OEM:11011-56010	W 281	2 Pairs		0.0000/ 3.0020 0.000/ 76.251	3.5710/ 0.0000 90.703/ 0.000	0.0000 0.00	0.0976 2.479	
52	3FE V6 241CI /4.0Liter, OHV, 12 Valves, vin F, Gasoline	01/1984-12/1992	3956 cc	94.00 X 95.00	6 cyl	Land Cruiser	52	
MB4037AM ACL:4M7987 CLE:MS-1777P DAI:M9317A GLA:M4281AL NDC:MS-1413GP OEM:11702-61010 OEM:11071-61010-01-05VAN:VPM92638A	M 429/1U M 429/1L	1 Pair	1	2.6376/ 2.6384 66.995/ 67.015	2.8352/ 2.8360 72.014/ 72.034	1.2600 32.00	0.0980 2.489	
	M 429/2	1 Pair	2	2.6967/ 2.6975 68.496/ 68.517	2.8942/ 2.8950 73.513/ 73.533	1.1810 30.00	0.0980 2.489	
	M4037/3	1 Pair	3	2.7557/ 2.7565 69.995/ 70.015	2.9533/ 2.9541 75.014/ 75.034	1.1030 28.02	0.0980 2.489	
	M4037/4U M4037/4L	1 Pair	4	2.8148/ 2.8156 71.496/ 71.516	3.0124/ 3.0132 76.515/ 76.535	1.5750 40.01	0.0980 2.489	
53	H L6 218CI /3.6Liter, OHV, 12 Valves, Diesel	11/1979-04/1985	3576 cc	88.00 X 98.00	6 cyl	Dyna, Forklift, Coaster	53	
	2H L6 243CI /4.0Liter, OHV, 12 Valves, Diesel	01/1969-08/1980	3980 cc	91.00 X 102.00	6 cyl	Dyna, Landcruiser, Coaster		
CR6719AM STD/.25/.5/.75 <i>4/82- 11/84</i> ACL:6B1361 DAI: R9447A FMO:6-1050CP GLA:B6516SA NDC:CB-1080GP OEM:13202-47011	C6719	6 Pairs		2.1646/ 2.1654 54.981/ 55.001	2.2835/ 2.2842 58.001/ 58.019	1.0870 27.61	0.0591 1.501	
MB7029AM STD/.25/.5/.75/1.0/1.5 ACL:7M1388 DAI:M9449A FMO:6683M GLA:M7418SA GLY:H1172/7 NDC:MS-1427A OEM:11071-68020-01-02	M7029/1	6 Pairs	1-3,5-7	2.7551/ 2.7559 69.980/ 70.000	2.9134/ 2.9142 74.000/ 74.021	0.9690 24.61	0.0781 1.984	
	M7029/4	1 Pair	4	2.7551/ 2.7559 69.980/ 70.000	2.9134/ 2.9142 74.000/ 74.021	0.9690 24.61	0.0781 1.984	
54	12HT L6 243CI /4.0Liter, OHV, 12 Valves, Diesel	10/1985-12/1991	3980 cc	91.00 X 102.00	6 cyl	Coaster	54	
MB7029AM STD/.25/.5/.75/1.0/1.5 ACL:7M1388 DAI:M9449A FMO:6683M GLA:M7418SA GLY:H1172/7 NDC:MS-1427A OEM:11071-68020-01-02	M7029/1	6 Pairs	1-3,5-7	2.7551/ 2.7559 69.980/ 70.000	2.9134/ 2.9142 74.000/ 74.021	0.9690 24.61	0.0781 1.984	
	M7029/4	1 Pair	4	2.7551/ 2.7559 69.980/ 70.000	2.9134/ 2.9142 74.000/ 74.021	0.9690 24.61	0.0781 1.984	
55	2H L6 243CI /4.0Liter, OHV, 12 Valves, Diesel	10/1985-09/1991	3980 cc		6 cyl	Dyna, Land cruiser, Coaster	55	
MB7029AM STD/.25/.5/.75/1.0/1.5 ACL:7M1388 DAI:M9449A FMO:6683M GLA:M7418SA GLY:H1172/7 NDC:MS-1427A OEM:11071-68020-01-02	M7029/1	6 Pairs	1-3,5-7	2.7551/ 2.7559 69.980/ 70.000	2.9134/ 2.9142 74.000/ 74.021	0.9690 24.61	0.0781 1.984	
	M7029/4	1 Pair	4	2.7551/ 2.7559 69.980/ 70.000	2.9134/ 2.9142 74.000/ 74.021	0.9690 24.61	0.0781 1.984	
56	1HD-T L6 254CI /4.2Liter, SOHC, 12 Valves, Diesel Turbocharge	01/1990-	4164 cc	94.00 X 100.00	6 cyl	Coaster, Landcruiser	56	

TOYOTA				TOYOTA			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1HZ,1HZ-T L6 254CI /4.2Liter, SOHC, 12 Valves, Diesel		01/1990-	4164 cc	94.00 X 100.00	6 cyl	Coaster, Landcruiser	
CR6716AM ACL:6B8396 GLA:B6670 GLY:71-4376/6 NDC:CB-1436A OEM:13041-17010 VAN:VPR92866A	C6716	6 Pairs		2.3226/ 2.3230 58.994/ 59.004	2.4415/ 2.4422 62.014/ 62.032	0.9270 23.55	0.0587 1.491
MB7028AM STD/.25/.5/.75 ACL:7M8397 GLA:M7493 NDC:MS-1436A OEM:11701-17010 VAN:VPM92865A	M7028U M7028L	7 Pairs	1-7	2.6376/ 2.6380 66.995/ 67.005	2.7953/ 2.7960 71.001/ 71.018	0.8700 22.10	0.0780 1.981
57	F L6 237CI /3.9Liter, OHV, 12 Valves, vin F, Gasoline	04/1975-11/1984	3878 cc	90.00 X 101.60	6 cyl	Land Cruiser	
	2F L6 258CI /4.2Liter, OHV, 12 Valves, Gasoline	01/1954-09/1975	4230 cc	94.00 X 101.60	6 cyl	Land Cruiser	
CR6606AM STD/.25/.5/.75/1.0/1.5 ACL:6B7971 CLE:CB-1219AL (6) DAI:R9301A FMO:6-67035RA GLA:B6491SA NDC:CB-1123GP OEM:13202-60010 VAN:VPR91486	C6606	6 Pairs		2.1252/ 2.1260 53.980/ 54.000	2.2362/ 2.2370 56.799/ 56.820	1.2990 32.99	0.0548 1.392
MB 429AM STD/.25/.75 From 9/73 ACL:4M7982 CLE:MS-1429AL DAI:M9302A FMO:7145M GLA:M4249SA NDC:MS-1123GP OEM:11702-60013 VAN:VPM92094A	M 429/1U M 429/1L	1 Pair	1	2.6366/ 2.6378 66.970/ 67.000	2.8346/ 2.8360 71.999/ 72.034	1.2660 32.16	0.0979 2.487
	M 429/2	1 Pair	2	2.6957/ 2.6968 68.471/ 68.499	2.8937/ 2.8951 73.500/ 73.536	1.1870 30.15	0.0979 2.487
	M 429/4U M 429/4L	1 Pair	4	2.8138/ 2.8150 71.471/ 71.501	3.0118/ 3.0132 76.500/ 76.535	1.5810 40.16	0.0979 2.487
	F 429	1 Pair	3	2.7547/ 2.7559 69.969/ 70.000	2.9527/ 2.9541 74.999/ 75.034	1.4150 35.94	0.0979 2.487
MB 434AM .75/1.0/1.5 Bef. 9/73 ACL:4M7972 CLE:MS-1103AL DAI:M9301A FMO:6707M GLA:M4242SA NDC:MS-1007GP OEM:11702-60010 VAN:VPM91487	M 434/1U M 434/1L	1 Pair	1	2.6366/ 2.6378 66.970/ 67.000	2.8346/ 2.8354 71.999/ 72.019	1.2600 32.00	0.0983 2.497
	M 434/2U M 434/2L	1 Pair	2	2.6957/ 2.6969 68.471/ 68.501	2.8937/ 2.8945 73.500/ 73.520	1.1820 30.02	0.0983 2.497
	M 434/4U M 434/4L	1 Pair	4	2.8138/ 2.8150 71.471/ 71.501	3.0119/ 3.0126 76.502/ 76.520	1.5750 40.01	0.0983 2.497
	F 434U F 434L	1 Pair	3	2.7547/ 2.7559 69.969/ 70.000	2.9528/ 2.9535 75.001/ 75.019	1.4150 35.94	0.0983 2.497
58	1UZFE V8 242CI /4.0Liter, DOHC, 32 Valves, Gasoline	01/1990-12/1999	3969 cc	87.50 X 82.50	8 cyl	Celsior, Crown, Soarer	
	2UZFE V8 285CI /4.7Liter, DOHC, 32 Valves, vin T, Gasoline	12/1998-12/2004	4663 cc	94.00 X 84.70	8 cyl	4Runner, Landcruiser, Sequoia, Tundra,	
CR 888CP Under Development ACL:8B8091 CLE:CB-1627P (8) DAI:R9310K FMO:8-4785P NDC:CB-1440 OEM:13041-50020-01~05	C 888*	8 Pairs		2.0465/ 2.0472 51.981/ 51.999	2.1654/ 2.1663 55.001/ 55.024	0.7680 19.51	0.0589 1.496
MB5286CP Under Development ACL:5M8092 CLE:MS-2013P FMO:7366M NDC:MS-1440	M5286/1U* M5286/1L*	2 Pairs	1,5	2.6373/ 2.6378 66.987/ 67.000	2.8346/ 2.8352 71.999/ 72.014	0.8860 22.50	0.0984 2.499
	M5286/21U* M5286/2L*	3 Pairs	2-4	2.6373/ 2.6378 66.987/ 67.000	2.8346/ 2.8352 71.999/ 72.014	0.7680 19.51	0.0984 2.499
TW 288AM Under Development ACL:2T8092 DAI:T9310A FMO:4786F NDC:TW-1440A OEM:11011-50010	W 288	2 Pairs		0.0000/ 2.9070 0.000/ 73.838	3.5160/ 0.0000 89.306/ 0.000	0.0000 0.00	0.0984 2.499
59	D 12 Valves, Diesel	01/1964-12/1988	5890 cc	100.00 X 125.00	6 cyl	Truck	
	2D 12 Valves, Diesel	01/1964-	6494 cc	105.00 X	6 cyl		

TOYOTA				TOYOTA				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
			12/1974	125.00				
CR 649AM STD/.25/.5/.75/1.0 CLE:CB-1133AL(6) DAI:R9606K FMO:6-67045CP GLA:B6513LC NDC:CB-1041GP OEM:13202-76007-71 VAN:VPR92079	C 649	6 Pairs		2.4398/ 2.4406 61.971/ 61.991	2.5996/ 2.6006 66.030/ 66.055	1.2200 30.99	0.0790 2.007	
MB 764AM .25/.5/.75/1.0 CLE:MS-1339AL DAI:M9606K FMO:6777M GLA:M7352LC NDC:MS-1040GP OEM:11701-76020 VAN:VPM92080	M 764/1	6 Pairs	1-2-3-5- 6-7	2.9516/ 2.9524 74.971/ 74.991	3.1901/ 3.1911 81.029/ 81.054	1.3400 34.04	0.1181 3.000	
	M 764/4	1 Pair	4	2.9516/ 2.9524 74.971/ 74.991	3.1901/ 3.1911 81.029/ 81.054	1.9350 49.15	0.1181 3.000	

Engine Index: TOYOTA PERFORMANCE

Engine-Code	Years	Cyl	CC	Line
3SGTE Turbo DOHC 16 valve	1986-95	4	1998	1
1JZ		6	2491	2
2JZGE DOHC 24 valve	1993-98	6	2999	2

Engine-Code	Years	Cyl	CC	Line
2JZGTE Turbo DOHC 24 valve	1993-98	6	2999	2

Car Model Index: TOYOTA PERFORMANCE

Model	Engine	Years	Cyl	CC	Line

TOYOTA PERFORMANCE				TOYOTA PERFORMANCE				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
1	3SGTE Turbo DOHC 16 valve	1986-95	1998 cc	86.00 X 86.00	4 cyl		1	
CR4209XP ACL:4B8366H	C4209/PR	4 Pairs		1.8892/ 1.8898 47.986/ 48.001	2.0080/ 2.0088 51.003/ 51.024	0.8339 21.18	0.0586 1.488	
MB5554XP STD/.25/.5/.75 ACL:5M8361H	M5554/1UP R	4 Pairs	1-2-4-5	2.1648/ 2.1654 54.986/ 55.001	2.3236/ 2.3243 59.019/ 59.037	0.7560 19.20	0.0787 1.999	
	M5554/1LP R	1 Pair	3	2.1648/ 2.1654 54.986/ 55.001	2.3236/ 2.3243 59.019/ 59.037	0.9060 23.01	0.0785 1.994	
TW 226AM STD ACL:2T1689 DAI:T9071A GLA:W2230SA CLE:TW- 303S FMO:67277BF GLY:A229/4	W 226D	2 Pairs		2.5216/ 2.5315 64.049/ 64.300	2.9921/ 3.0020 75.999/ 76.251	0.0000 0.00	0.0980 2.489	
	W 226E							

TOYOTA PERFORMANCE				TOYOTA PERFORMANCE			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
NDC:TW-1117K VAN:VPW95054	OEM:11011-25010						
2	1JZ		2491 cc		6 cyl		2
	2JZGE DOHC 24 valve	1993-98	2999 cc	86.10 X 86.10	6 cyl		
	2JZGTE Turbo DOHC 24 valve	1993-98	2999 cc	86.10 X 86.10	6 cyl		
CR6754XP ACL:6B8100H	C6754/PR	6 Pairs		2.0465/ 2.0472 51.981/ 51.999	2.1663/ 2.1670 55.024/ 55.042	0.7600 19.30	0.0593 1.506
MB7084XP STD/.25/.5 ACL:7M8103H	M7084/1UP R M7084/1LP R M7084/2UP R M7084/2LP R	6 Pairs 1 Pair	2-7 1	2.4403/ 2.4410 61.984/ 62.001 2.4403/ 2.4410 61.984/ 62.001	2.5992/ 2.5998 66.020/ 66.035 2.5992/ 2.5998 66.020/ 66.035	0.7870 19.99 0.9060 23.01	0.0789 2.004 0.0789 2.004
TW 284AM STD ACL:2T8103 NDC:TW-1434A	W 284/1 W 284/2	2 Pairs		2.6535/ 2.6535 67.399/ 67.399	3.2244/ 3.2244 81.900/ 81.900	0.0776 1.97	0.0000 0.000

Engine Index: TRIUMPH






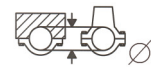


Engine-Code	Years	Cyl	CC	Line
		4	1147	1
		4	1296	2
EJ		4	1335	3
		4	1493	4
		4	1493	4
PE104 S		4	1854	6
		4	1991	7
		6	1998	5
		6	1998	5
		6	1998	9






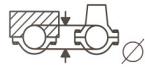


Engine-Code	Years	Cyl	CC	Line
		6	1998	9
		4	1998	6
PE124/4V		4	1998	6
20C SERIES		4	2092	8
		4	2138	7
23C		4	2260	8
		6	2498	9
O.H.C.		8	2997	10

Car Model Index: TRIUMPH

Model	Engine	Years	Cyl	CC	Line
1300		1961-70	4	1296	2
1300tc		1967-71	4	1296	2
1500		1970-71	4	1493	4
1500,1500tc		1972-81	4	1493	4
2 Litre Mk I,ii		1967-70	6	1998	9
2000		1965-70	6	1998	5
2000		1965-70	6	1998	5
2000 Mk li		1970-75	6	1998	9
7 Cwt Van & Pick-up		1962-65	4	1147	1
Acclaim	EJ	1980-	4	1335	3
Atlas 1 Ton Van &	23C	1956-63	4	2260	8
Dolomite 1300		1976-81	4	1296	2
Dolomite 1500, 1500hl		1972-81	4	1493	4
Dolomite 1850,hl	PE104 S	1972-81	4	1854	6
Dolomite Sprint	PE124/4V	1973-	4	1998	6

Model	Engine	Years	Cyl	CC	Line
Gt6 Mk Iii		1970-75	6	1998	9
Herald 1200,12/50		1961-70	4	1147	1
Herald 13/60		1967-72	4	1296	2
Spitfire		1961-70	4	1147	1
Spitfire 1500		1972-81	4	1493	4
Spitfire 1500 (usa)		1972-	4	1493	4
Toledo 1300		1970-76	4	1296	2
Tr2,tr3,tr3a		1953-61	4	1991	7
Tr4,tr4a		1961-67	4	2138	7
Tr5pi,tr6pi,2.5pi,tr25025		1968-75	6	2498	9
Tr7 (usa Version)		1975-82	4	1998	6
V8 Trag	O.H.C.	1970-	8	2997	10
Vanguard 12 Cwt Van	20C SERIES	1954-56	4	2092	8
Vitesse,gt6		1967-70	6	1998	9

TRIUMPH				TRIUMPH				
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
1			1147 cc	69.29 X 76.05	4 cyl	7 Cwt Van & Pick-up, Herald 1200,12/50, Spitfire		1
CR 430AM STD/010/020/030/040 ACL: 4B2440 CLE: CB- 727AL (4) FMO: 4-65290RA GLA: B4374SA	C 430	4 Pairs		1.6250/ 1.6255 41.275/ 41.288	1.7705/ 1.7710 44.971/ 44.983	0.6920 17.58	0.0720 1.829	
MB 339AM STD/010/020/030/040/050/060 ACL: 3M2243 CLE: MS- 779AL FMO: 6084M GLA: M3353SA	M 339	3 Pairs		2.0005/ 2.0010 50.813/ 50.825	2.1460/ 2.1465 54.508/ 54.521	0.9500 24.13	0.0720 1.829	
2			1296 cc	73.65 X 76.06	4 cyl	1300, 1300tc, Dolomite 1300, Herald 13/60, Toledo 1300		2
CR 430AM STD/010/020/030/040 <i>1967 - 71</i> ACL: 4B2440 CLE: CB- 727AL (4) FMO: 4-65290RA GLA: B4374SA	C 430	4 Pairs		1.6250/ 1.6255 41.275/ 41.288	1.7705/ 1.7710 44.971/ 44.983	0.6920 17.58	0.0720 1.829	
CR 448AM STD/010/020/030/040/050/060 <i>1970 - 81</i> ACL: 4B2406 CLE: CB- 982AL (4) FMO: 4-65935RA GLA: B4511SA VAN: VPR91611	C 448	4 Pairs		1.8750/ 1.8755 47.625/ 47.638	2.0210/ 2.0215 51.333/ 51.346	0.6920 17.58	0.0720 1.829	
MB 339AM STD/010/020/030/040/050/060 <i>1967 - 71</i> ACL: 3M2243 CLE: MS- 779AL FMO: 6084M GLA: M3353SA	M 339	3 Pairs		2.0005/ 2.0010 50.813/ 50.825	2.1460/ 2.1465 54.508/ 54.521	0.9500 24.13	0.0720 1.829	
MB 341AM STD/010/020/030/040/050/060 <i>1970 - 81</i> ACL: 3M2407 CLE: MS-1109AL FMO: 6396M GLA: M3385SA VAN: VPM91612	M 341	3 Pairs		2.3110/ 2.3115 58.699/ 58.712	2.4570/ 2.4575 62.408/ 62.421	0.8550 21.72	0.0720 1.829	
TW 109AM ACL: 1T2407 CLE: TW- 229S FMO: 65931AF GLA: W2171S GLY: A267/4 VAN: VPM12								
3	EJ		1335 cc	72.00 X 82.00	4 cyl	Acclaim		3
CR4462AM STD/.25/.5/.75/1.0/1.25/1.5 ACL: 4B1950 CLE: CB-1222AL (4) DAI: R 980K1 FMO: 4-67340CP GLA: B4591SA GLY: 71-4339/4 NDC: CB-1134GP OEM: 13211-634-003 OEM: 13211-13217-634-003VAN: VPR91786	C4462	4 Pairs		1.5739/ 1.5748 39.977/ 40.000	1.6929/ 1.6939 43.000/ 43.025	0.6890 17.50	0.0591 1.501	
MB5168AM STD/.25/.5/.75/1.0/1.25/1.5 <i>Was MB 570AM, MB 573AM</i> ACL: 5M1952 CLE: MS-2012P DAI: M9950K FMO: 7103M GLA: M5555LC NDC: MS-2213GP OEM: 13325-PTO-004 OEM: 13321-13327-PC6-003VAN: VPM92642LC	M5168	5 Pairs		1.9676/ 1.9685 49.977/ 50.000	2.1260/ 2.1269 54.000/ 54.023	0.7870 19.99	0.0787 1.999	
TW 110AM STD ACL: 1T1952 CLE: TW- 327S DAI: T9800A FMO: 67341AF GLA: W2287SA GLY: 67341AF NDC: TW-1134GP OEM: 13331-634-003 OEM: 13014-PD1-S10 VAN: VPM95080	W 110	1 Pair		2.2047/ 2.2146 55.999/ 56.251	3.0709/ 3.0807 78.001/ 78.250	0.0000 0.00	0.0984 2.499	
4			1493 cc	73.65 X 87.62	4 cyl	Spitfire 1500 (usa Version)		4
			1493 cc	73.70 X 87.50	4 cyl	1500, 1500,1500tc, Dolomite 1500, 1500hl, Spitfire 1500		
CR 448AM STD/010/020/030/040/050/060 ACL: 4B2406 CLE: CB- 982AL (4) FMO: 4-65935RA GLA: B4511SA VAN: VPR91611	C 448	4 Pairs		1.8750/ 1.8755 47.625/ 47.638	2.0210/ 2.0215 51.333/ 51.346	0.6920 17.58	0.0720 1.829	
MB 341AM STD/010/020/030/040/050/060 ACL: 3M2407 CLE: MS-1109AL FMO: 6396M GLA: M3385SA	M 341	3 Pairs		2.3110/ 2.3115 58.699/ 58.712	2.4570/ 2.4575 62.408/ 62.421	0.8550 21.72	0.0720 1.829	

TRIUMPH				TRIUMPH				
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
VAN:VPM91612								
TW 109AM								
ACL:1T2407		CLE:TW- 229S						
FMO:65931AF		GLA:W2171S						
GLY:A267/4		VAN:VPW12						
5			1998 cc	74.69 X 76.00	6 cyl	2000	5	
			1998 cc	74.69 X 76.00	6 cyl	2000		
CR 625AM STD/010/020/030/040		C 448	6 Pairs		1.8750/ 1.8755 47.625/ 47.638	2.0210/ 2.0215 51.333/ 51.346	0.6920 17.58	0.0720 1.829
ACL:6B2406		CLE:CB- 982AL (6)						
FMO:6-65935RA		GLA:B6433SA						
GLY:01-4335		VAN:VPR91252						
MB 432AM STD/010/020/030/040		M 341	4 Pairs		2.3110/ 2.3115 58.699/ 58.712	2.4570/ 2.4575 62.408/ 62.421	0.8550 21.72	0.0720 1.829
ACL:4M2407		CLE:MS-1112AL						
FMO:6367M		GLA:M4229SA						
GLY:02-4551		VAN:VPM91253						
PB 123CP								
GLA:S6572L								
TW 109AM								
ACL:1T2407		CLE:TW- 229S						
FMO:65931AF		GLA:W2171S						
GLY:A267/4		VAN:VPW12						
6	PE104 S		1854 cc	86.99 X 77.99	4 cyl	Dolomite 1850,hl	6	
			1998 cc	90.29 X 77.99	4 cyl	Tr7 (usa Version)		
	PE124/4V		1998 cc	90.29 X 78.02	4 cyl	Dolomite Sprint		
CR4465AM STD/010/020/030/040/060		C4465	4 Pairs		1.7500/ 1.7505 44.450/ 44.463	1.8955/ 1.8960 48.146/ 48.158	0.7450 18.92	0.0721 1.831
ACL:4B2556		CLE:CB-1015AL (4)						
FMO:4-66670RA		GLA:B4490SA						
VAN:VPR91307								
MB 575AM STD/010/020/030/040		M5567/1	5 Pairs		2.1255/ 2.1260 53.988/ 54.000	2.2710/ 2.2715 57.683/ 57.696	0.8150 20.70	0.0718 1.824
ACL:5M2557		CLE:MS-1155AL						
FMO:6592M		GLA:M5267SA						
VAN:VPM91308								
TW 117AM								
CLE:TW- 241S		FMO:66671AF						
GLA:W2182SA		VAN:VPW24						
7			1991 cc	83.00 X 92.00	4 cyl	Tr2,tr3,tr3a	7	
			2138 cc	85.99 X 92.04	4 cyl	Tr4,tr4a		
CR 438AM STD/010/020/030/040/050/060		C 438	4 Pairs		2.0860/ 2.0866 52.984/ 53.000	2.2327/ 2.2335 56.711/ 56.731	0.9750 24.77	0.0724 1.839
CLE:CB- 496AL (4)		FMO:4-2295RA						
GLA:B4331SA		GLY:01-4315/4						
OEM:1810 083M91		VAN:VPR698						
MB 329AM STD/010/020/030/040/050/060		M 329	3 Pairs		2.4790/ 2.4795 62.967/ 62.979	2.6255/ 2.6260 66.688/ 66.700	1.5000 38.10	0.0725 1.842
ACL:3M3284		CLE:MS- 726B						
FMO:5077M		GLA:M3196M						
GLY:H1186/3		VAN:VPM418						
PB 169CP								
GLA:S4539L		VAN:VPS96052						
TW 237AM		W 237D W 237E	2 Pairs		3.6800/ 2.6900 93.472/ 68.326	3.1820/ 3.1920 80.823/ 81.077	0.0000 0.00	0.0925 2.350
ACL:2T7062		FMO:1732BF						
GLA:W2004SA		GLY:A269/4						
OEM:825111M1								
8	20C SERIES		2092 cc	80.98 X 101.60	4 cyl	Vanguard 12 Cwt Van	8	
	23C		2260 cc	84.18 X 101.60	4 cyl	Atlas 1 Ton Van & Pickup		
CR4036AM STD/010/020/030/040/050/060		C4036	4 Pairs		2.3110/ 2.3115 58.699/ 58.712	2.4570/ 2.4575 62.408/ 62.421	1.0550 26.80	0.0719 1.826
8 top and bottom identical halves with one 3.2 mm centre hole.								
CLE:CB- 799 (4)		GLA:B4149LC						
CR4037AM STD/010/020/030/040		C4037U C4037L	4 Pairs		2.3110/ 2.3115 58.699/ 58.712	2.4570/ 2.4575 62.408/ 62.421	1.0600 26.92	0.0719 1.826
4 top halves with one 5mm not centre hole and oil groove (4.0 mm wide);								
4 plane bottom halves.								
CLE:CB- 653AL (4)		GLA:B4421LC						
OEM:830 899M91								
MB3332AM STD/010/020/030/040/060		M3332	3 Pairs	1-2-3	2.7515/ 2.7520 69.888/ 69.901	2.9190/ 2.9195 74.143/ 74.155	1.5050 38.23	0.0825 2.096
CLE:MS- 750P		GLA:M3153LC						

TRIUMPH					TRIUMPH				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
VAN: VPM420									
9				1998 cc	74.69 X 76.00	6 cyl	2000 Mk ii, Gt6 Mk ii		9
				1998 cc	74.69 X 76.00	6 cyl	2 Litre Mk I,ii, Vitesse,gt6		
				2498 cc		6 cyl	Tr5pi,tr6pi,2.5pi,tr2502500s,		
CR 625AM STD/010/020/030/040	C 448	6 Pairs		1.8750/ 1.8755 47.625/ 47.638	2.0210/ 2.0215 51.333/ 51.346	0.6920 17.58	0.0720 1.829		
ACL: 6B2406 CLE: CB- 982AL (6) FMO: 6-65935RA GLA: B6433SA GLY: 01-4335 VAN: VPR91252									
MB 432AM STD/010/020/030/040	M 341	4 Pairs		2.3110/ 2.3115 58.699/ 58.712	2.4570/ 2.4575 62.408/ 62.421	0.8550 21.72	0.0720 1.829		
ACL: 4M2407 CLE: MS-1112AL FMO: 6367M GLA: M4229SA GLY: 02-4551 VAN: VPM91253									
PB 123CP									
GLA: S6572L									
TW 109AM									
ACL: 1T2407 CLE: TW- 229S FMO: 65931AF GLA: W2171S GLY: A267/4 VAN: VPM12									
10	O.H.C.			2997 cc	84.99 X 64.51	8 cyl	V8 Trag	10	
CR 822AM	C4465	8 Pairs		1.7500/ 1.7505 44.450/ 44.463	1.8955/ 1.8960 48.146/ 48.158	0.7450 18.92	0.0721 1.831		
GLA: B8097SA									
MB5567AM STD/010/020/030/040/060	M5567/1	3 Pairs	1-3-5	2.1255/ 2.1260 53.988/ 54.000	2.2710/ 2.2715 57.683/ 57.696	0.8150 20.70	0.0719 1.826		
ACL: 5M2558AL GLA: M5283SA									
	M5567/2	2 Pairs	2-4	2.1255/ 2.1260 53.988/ 54.000	2.2710/ 2.2715 57.683/ 57.696	0.6300 16.00	0.0719 1.826		
TW 117AM									
CLE: TW- 241S FMO: 66671AF GLA: W2182SA VAN: VPM24									

Engine Index: VAUXHALL

Engine-Code	Years	Cyl	CC	Line
X 10 XE	09/96-	3	973	1
Z 10 XE	09/99-	3	973	1
1.0S FWD		4	993	2
1057		4	1057	3
1159		4	1159	4
1.2ST O.H.C		4	1196	8
1.2S		4	1196	5
Z13DT Diesel Common Rail	06/2003-	4	1251	6
1256		4	1256	7
1256i		4	1256	7
1.3N/1.3S O.H.C		4	1297	8
1.6S O.H.C RWD		4	1584	11
16SV		4	1598	9
E16SE Fuel Injection		4	1598	9
1.6D O.H.C Diesel		4	1598	10
1.6N O.H.C		4	1598	10
1600 O.H.C		4	1599	14
1.7D Diesel		4	1700	12
1800 O.H.C		4	1759	14
1.8E O.H.C Fuel Injection		4	1796	10

Engine-Code	Years	Cyl	CC	Line
1.8S O.H.C		4	1796	10
1.8SE Fuel Injection		4	1796	12
1.8SEH Fuel Injection		4	1796	12
1.8SV F2 Carburettor		4	1796	12
1.9S O.H.C		4	1897	11
2.0		4	1975	14
2.0N		4	1979	11
2.0S		4	1979	11
2.0i Fuel Injection		4	1979	11
2.0 NE Fuel Injection		4	1998	12
2.0 SEH Fuel Injection		4	1998	12
2.0XE Fuel Injection		4	1998	13
2.5 O.H.C		4	2279	14
2.5E,2.5N Carburettor & Fuel		6	2490	16
C25XE	1993 - 97	6	2498	15
2.8S O.H.C		6	2784	16
3.0E Fuel Injection		6	2969	16
3.0S Carburettor		6	2969	16

Car Model Index: VAUXHALL

Model	Engine	Years	Cyl	CC	Line
AGILA JTD	Z13DT Diesel		4	1251	6
Astra 1.2E,L	1.2S	1980-	4	1196	5
Astra 1.3,L,GL,E,Merit	1.3N/1.3S O.H.C	1980-	4	1297	8
Astra 1.7D,L,GL,Merit	1.7D Diesel	1989-	4	1700	12
Astra 1.8i	1.8SE Fuel	1987-	4	1796	12
Astra 1600D,LD	1.6D O.H.C Diesel	1982-	4	1598	10
Astra 1600L,GL,SR	1.6N O.H.C	1982-	4	1598	10
Astra 1800i GTE,SRI	1.8E O.H.C Fuel	1983-	4	1796	10
Astra GTE	2.0 SEH Fuel	1987-	4	1998	12
Astra GTE	2.0XE Fuel	1985-	4	1998	13
Astra GTE Convertible	2.0 NE Fuel	1987-	4	1998	12
Astra L,GL	16SV	1987-	4	1598	9
Astramax 365, 560,	16SV	1987-	4	1598	9
Astramax Van	1.3N/1.3S O.H.C	1985-	4	1297	8
Astramax Van	1.6N O.H.C	1985-	4	1598	10
Astramax Van	1.6D O.H.C Diesel	1985-	4	1598	10
Belmont 1.3L,GL,Merit	1.3N/1.3S O.H.C	1986-	4	1297	8
Belmont 1.8i SRI,	1.8SE Fuel	1987-	4	1796	12
Belmont 1600L	1.6D O.H.C Diesel	1986-	4	1598	10
Belmont 1600L,GL,GLS	1.6N O.H.C	1986-	4	1598	10
Belmont L,GL	16SV	1987-	4	1598	9
Calibra	2.0XE Fuel	1990-	4	1998	13
Calibra	C25XE		6	2498	15
Calibra 2.0i	2.0 NE Fuel	1990-	4	1998	12
Carlton 1.8L, GL	1.8SV F2	1989-	4	1796	12
Carlton 1.8i,GL,CD	1.8SEH Fuel	1987-	4	1796	12
Carlton 1800/GL	1.8S O.H.C	1982-	4	1796	10
Carlton 2000L,GL	2.0N	1982-86	4	1979	11
Carlton 2000L,GL	2.0S	1982-86	4	1979	11
Carlton 2000i CD	2.0i Fuel Injection	1983-84	4	1979	11
Cavalier 1.3,L,GL	1.3N/1.3S O.H.C	1981-	4	1297	8
Cavalier 1.7DL	1.7D Diesel	1989-	4	1700	12
Cavalier 1.8 Li,LXi,GLi,	1.8SE Fuel	1986-88	4	1796	12
Cavalier 1.8L, GL	1.8SV F2	1989-	4	1796	12
Cavalier 1300,L (RWD)	1256i	1977-80	4	1256	7
Cavalier	1.6S O.H.C RWD	1975-81	4	1584	11
Cavalier 1600D,LD	1.6D O.H.C Diesel	1982-	4	1598	10
Cavalier	1.6N O.H.C	1981-	4	1598	10
Cavalier 1800 GLi,GLSi	1.8E O.H.C Fuel	1985-	4	1796	10
Cavalier 1800 SRI	1.8E O.H.C Fuel	1982-86	4	1796	10
Cavalier 1800i CD	1.8E O.H.C Fuel	1982-86	4	1796	10
Cavalier	1.9S O.H.C	1975-78	4	1897	11
Cavalier	2.0N	1979-81	4	1979	11
Cavalier	2.0S	1979-81	4	1979	11
Cavalier GSi	2.0XE Fuel	1989-	4	1998	13






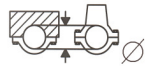


Model	Engine	Years	Cyl	CC	Line
Cavalier L,GL	16SV	1987-	4	1598	9
Cavalier	2.0 NE Fuel	1989-	4	1998	12
Cavalier SRI 130,GSi	2.0 SEH Fuel	1989-	4	1998	12
Chevette L,GL,E,ES	1256	1975-85	4	1256	7
Chevette L,GL,E,ES	1256i	1975-85	4	1256	7
Corsa JTD	Z13DT Diesel		4	1251	6
Firenza	2.5 O.H.C	1972-75	4	2279	14
Firenza 1800,SL,Deluxe	1800 O.H.C	1972-78	4	1759	14
Firenza 2000SL	2.0	1968-72	4	1975	14
Firenza Deluxe, SL	1159	1966-71	4	1159	4
Firenza Deluxe,SL	1256	1971-79	4	1256	7
Firenza Deluxe,SL	1256i	1971-79	4	1256	7
Firenza Deluxe,SL	1600 O.H.C	1968-72	4	1599	14
Magnum 1800	1800 O.H.C	1972-78	4	1759	14
Magnum 2300,Sports	2.5 O.H.C	1976-79	4	2279	14
Nova 1.0,L,Merit	1.0S FWD	1983-	4	993	2
Nova 1.2,L,GL,Merit	1.2ST O.H.C	1983-89	4	1196	8
Nova 1.3L,GL,SR	1.3N/1.3S O.H.C	1983-	4	1297	8
Nova GSi	E16SE Fuel	1990-	4	1598	9
Nova GTE	E16SE Fuel	1987-	4	1598	9
Royale 2.8	2.8S O.H.C	1978-82	6	2784	16
Royale 3.0 Coupe	3.0S Carburettor	1980-83	6	2969	16
Senator 2.5i	2.5E,2.5N	1984-	6	2490	16
Senator 3.0i,CD	3.0E Fuel Injection	1984-	6	2969	16
VX 1800	1800 O.H.C	1976-78	4	1759	14
VX 2300,GLS	2.5 O.H.C	1976-79	4	2279	14
VX 4/90	2.0	1968-72	4	1975	14
VX 4/90 Single +Twin	2.5 O.H.C	1972-79	4	2279	14
Viceroy 2.5	2.5E,2.5N	1980-	6	2490	16
Victor 1800 Deluxe	1800 O.H.C	1972-78	4	1759	14
Victor FD 2000SL	2.0	1968-72	4	1975	14
Victor FD,Super	1600 O.H.C	1967-71	4	1599	14
Victor FE 2300,SL	2.5 O.H.C	1972-78	4	2279	14
Viva 1800,	1800 O.H.C	1972-78	4	1759	14
Viva 2300SL	2.5 O.H.C	1972-79	4	2279	14
Viva Deluxe,	1256i	1971-79	4	1256	7
Viva	1256	1971-79	4	1256	7
Viva Deluxe,SL,90HB	1159	1966-71	4	1159	4
Viva GT,HB Series	2.0	1968-72	4	1975	14
Viva HA Series, Viva 90	1057	1964-66	4	1057	3
Viva SL,Deluxe	1600 O.H.C	1968-72	4	1599	14

VAUXHALL				VAUXHALL			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	X 10 XE	09/96-08/99	973 cc	72.50 X 78.60	3 cyl		1
	Z 10 XE	09/99-08/2003	973 cc	72.50 X 78.60	3 cyl		
CR 343CP _{STD/.25/.5/.75/1.0}	C4388	3 Pairs		1.6918/ 1.6924	1.8110/ 1.8114	0.5190	0.0590






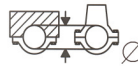


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

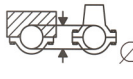


CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

VAUXHALL					VAUXHALL				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
GLA:B6440LC K.S:77 335 600				42.972/ 42.987	45.999/ 46.010	13.18	1.499		
MB4108AM STD/.25/.5/.75/1.0 <i>Flange length: STD - 22.90mm (FI STD), 0.25 - 23.10mm (FI oversize 0.2mm), 0.5 - 23.30mm (FI oversize 0.4mm)</i>	M5422	3 Pairs		1.9678/ 1.9683 49.982/ 49.995	2.1260/ 2.1264 54.000/ 54.011	0.6730 17.09	0.0780 1.981		
GLY:H1295/4 K.S:77 336 600	F5422	1 Pair		1.9678/ 1.9683 49.982/ 49.995	2.1260/ 2.1264 54.000/ 54.011	0.9010 22.89	0.0780 1.981		
2	1.0S FWD			993 cc	71.98 X 61.00	4 cyl	Nova 1.0,L,Merit	2	
CR 444AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:4B1371 FMO:4-60240CP GLY:71-2195/4 VAN:VPR91136	C 444	4 Pairs		1.7705/ 1.7711 44.971/ 44.986	1.8898/ 1.8902 48.001/ 48.011	0.7560 19.20	0.0588 1.494		
CLE:CB- 719AL (4) GLA:B4415SA K.S:87 993 600									
MB 335AM STD/.25/.5/.75/1.0/1.25/1.5 CLE:MS- 793AL GLA:M3327SA K.S:87 994 600	M 335/1U M 335/1L	1 Pair	1	2.1255/ 2.1260 53.988/ 54.000	2.2835/ 2.2840 58.001/ 58.014	0.9840 24.99	0.0781 1.984		
FMO:4391M GLY:H 634/3 VAN:VPM91137	M 335/3U M 335/3L	1 Pair	3	2.1255/ 2.1260 53.988/ 54.000	2.2835/ 2.2840 58.001/ 58.014	0.8860 22.50	0.0781 1.984		
	F 335	1 Pair	2	2.1255/ 2.1260 53.988/ 54.000	2.2835/ 2.2840 58.001/ 58.014	1.1380 28.91	0.0781 1.984		
3	1057			1057 cc	74.30 X 60.96	4 cyl	Viva HA Series, Viva 90	3	
CR 434AM STD/010/020/030/040 CLE:CB- 738AL (4) GLA:B4422SA	C 434	4 Pairs		1.7705/ 1.7712 44.971/ 44.988	1.8960/ 1.8965 48.158/ 48.171	0.7560 19.20	0.0619 1.572		
FMO:4-60180 VAN:VPR91114									
CS 316BB GLA:C3051S									
VAN:VPC974									
MB 326AM <i>The set includes 1 flanged half.</i> CLE:MS- 816AL VAN:VPM91204	M 326	2 Pairs	1-3	2.1255/ 2.1260 53.988/ 54.000	2.2835/ 2.2840 58.001/ 58.014	1.0070 25.58	0.0780 1.981		
GLA:M3379SA	M 326 F 326	1 Pair	2	2.1255/ 2.1260 53.988/ 54.000	2.2835/ 2.2840 58.001/ 58.014	1.2890 32.74	0.0780 1.981		
4	1159			1159 cc	77.75 X 60.96	4 cyl	Firenza Deluxe, SL, Viva Deluxe,SL,90HB Series	4	
CR 434AM STD/010/020/030/040 CLE:CB- 738AL (4) GLA:B4422SA	C 434	4 Pairs		1.7705/ 1.7712 44.971/ 44.988	1.8960/ 1.8965 48.158/ 48.171	0.7560 19.20	0.0619 1.572		
FMO:4-60180 VAN:VPR91114									
CS 316BB GLA:C3051S									
VAN:VPC974									
MB 326AM <i>The set includes 1 flanged half.</i> CLE:MS- 816AL VAN:VPM91204	M 326	2 Pairs	1-3	2.1255/ 2.1260 53.988/ 54.000	2.2835/ 2.2840 58.001/ 58.014	1.0070 25.58	0.0780 1.981		
GLA:M3379SA	M 326 F 326	1 Pair	2	2.1255/ 2.1260 53.988/ 54.000	2.2835/ 2.2840 58.001/ 58.014	1.2890 32.74	0.0780 1.981		
MB3309AM <i>For all vehicles with automatic transmission and all 1256 ccengs. from eng. no. 2111239. Also suitable as alternative for other 1159cc and 1256cc engs.</i> <i>The set includes 2 flanged halves.</i> GLA:M3380SA	M 326	2 Pairs	1-3	2.1255/ 2.1260 53.988/ 54.000	2.2835/ 2.2840 58.001/ 58.014	1.0070 25.58	0.0780 1.981		
	F 326	1 Pair	2	2.1255/ 2.1260 53.988/ 54.000	2.2835/ 2.2840 58.001/ 58.014	1.2890 32.74	0.0780 1.981		
5	1.2S			1196 cc	79.00 X 61.00	4 cyl	Astra 1.2E,L	5	
CR 444AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:4B1371 FMO:4-60240CP GLY:71-2195/4 VAN:VPR91136	C 444	4 Pairs		1.7705/ 1.7711 44.971/ 44.986	1.8898/ 1.8902 48.001/ 48.011	0.7560 19.20	0.0588 1.494		
CLE:CB- 719AL (4) GLA:B4415SA K.S:87 993 600									
MB 335AM STD/.25/.5/.75/1.0/1.25/1.5 CLE:MS- 793AL GLA:M3327SA K.S:87 994 600	M 335/1U M 335/1L	1 Pair	1	2.1255/ 2.1260 53.988/ 54.000	2.2835/ 2.2840 58.001/ 58.014	0.9840 24.99	0.0781 1.984		
FMO:4391M GLY:H 634/3 VAN:VPM91137	M 335/3U M 335/3L	1 Pair	3	2.1255/ 2.1260 53.988/ 54.000	2.2835/ 2.2840 58.001/ 58.014	0.8860 22.50	0.0781 1.984		
	F 335	1 Pair	2	2.1255/ 2.1260 53.988/ 54.000	2.2835/ 2.2840 58.001/ 58.014	1.1380 28.91	0.0781 1.984		

VAUXHALL				VAUXHALL			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
6	Z13DT Diesel Common Rail	06/2003-	1251 cc	69.60 X 82.00	4 cyl	AGILA JTD, Corsa JTD	6
CR4377CA STD/010/020/030/040 GLY:71-4033/4	C4377U C4377L	4 Pairs		1.6764/ 1.6772 42.581/ 42.601	1.8005/ 1.8009 45.733/ 45.743	0.7870 19.99	0.0610 1.549
MB5414SI STD GLY:H1011/5	M5414U M5414L	4 Pairs	1,2,4,5	2.0072/ 2.0079 50.983/ 51.001	2.1539/ 2.1544 54.709/ 54.722	0.7480 19.00	0.0726 1.844
	F5414 M5414U	1 Pair	3	2.0072/ 2.0079 50.983/ 51.001	2.1539/ 2.1544 54.709/ 54.722	0.9430 23.95	0.0726 1.844
7	1256		1256 cc	80.95 X 60.96	4 cyl	Chevette L, GL, E, ES, Firenza Deluxe, SL, Viva Deluxe, S, SL, L, E, GLS, HC	7
	1256i		1256 cc	80.95 X 152.27	4 cyl	Cavalier 1300, L (RWD), Chevette L, GL, E, ES, Firenza Deluxe, SL, Viva Deluxe, SL, S, L, E, GLS, HC	
CR 434AM STD/010/020/030/040 CLE:CB- 738AL (4) FMO:4-60180 GLA:B4422SA VAN:VPR91114	C 434	4 Pairs		1.7705/ 1.7712 44.971/ 44.988	1.8960/ 1.8965 48.158/ 48.171	0.7560 19.20	0.0619 1.572
CR4460AM 040 Locating lug positioned on bearing edge CLE:CB-1156AL (4) GLA:B4551SA VAN:VPR91520	C4460	4 Pairs		1.8302/ 1.8310 46.487/ 46.507	1.9525/ 1.9530 49.594/ 49.606	0.7500 19.05	0.0602 1.529
CS 316BB GLA:C3051S VAN:VPC974							
MB 326AM The set includes 1 flanged half. CLE:MS- 816AL GLA:M3379SA VAN:VPM91204	M 326	2 Pairs	1-3	2.1255/ 2.1260 53.988/ 54.000	2.2835/ 2.2840 58.001/ 58.014	1.0070 25.58	0.0780 1.981
	M 326 F 326	1 Pair	2	2.1255/ 2.1260 53.988/ 54.000	2.2835/ 2.2840 58.001/ 58.014	1.2890 32.74	0.0780 1.981
MB3309AM For all vehicles with automatic transmission and all 1256 cc engs. from eng. no. 2111239. Also suitable as alternative for other 1159cc and 1256cc engs. The set includes 2 flanged halves. GLA:M3380SA	M 326	2 Pairs	1-3	2.1255/ 2.1260 53.988/ 54.000	2.2835/ 2.2840 58.001/ 58.014	1.0070 25.58	0.0780 1.981
	F 326	1 Pair	2	2.1255/ 2.1260 53.988/ 54.000	2.2835/ 2.2840 58.001/ 58.014	1.2890 32.74	0.0780 1.981
8	1.2ST O.H.C		1196 cc	77.78 X 62.90	4 cyl	Nova 1.2, L, GL, Merit	8
	1.3N/1.3S O.H.C		1297 cc	75.00 X 73.40	4 cyl	Astra 1.3, L, GL, E, Merit, Astramax Van, Belmont 1.3L, GL, Merit, Cavalier 1.3, L, GL, Nova 1.3L, GL, SR	
CR4147AM STD/.25/.5/.75/1.0 Plain halves. CLE:CB-1172AL (4) GLA:B4601SA GLY:71-3504/4 K.S:87 409 600 VAN:VPR91933A	C4147	4 Pairs		1.6918/ 1.6924 42.972/ 42.987	1.8110/ 1.8115 45.999/ 46.012	0.6550 16.64	0.0589 1.496
MB5519AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:5M1801 CLE:MS-1545P FMO:7218M GLA:M5380SA GLY:H 975/5 K.S:87 410 600 NDC:MS-3017 OEM:S122-0012 VAN:VPM91934A	M5519	4 Pairs	1-2-4-5	2.1643/ 2.1648 54.973/ 54.986	2.3228/ 2.3233 58.999/ 59.012	0.7700 19.56	0.0784 1.991
	F5519	1 Pair	3	2.1643/ 2.1648 54.973/ 54.986	2.3228/ 2.3233 58.999/ 59.012	1.0200 25.91	0.0784 1.991
9	16SV		1598 cc	79.00 X 81.50	4 cyl	Astra L, GL, Astramax 365, 560, 560L, Belmont L, GL, Cavalier L, GL	9
	E16SE Fuel Injection		1598 cc	79.00 X 81.50	4 cyl	Nova GSi, Nova GTE	
CR 418AM STD/.25/.5/.75/1.0/1.25/1.5 With oil hole. ACL:4B1350 CLE:CB-1451AL (4) FMO:4-4210CP GLA:B4679SA GLY:71-3639/4 K.S:-87 409 600 NDC:CB-3017 OEM:962320715 VAN:VPR92494A	C 418	4 Pairs		1.6918/ 1.6924 42.972/ 42.987	1.8110/ 1.8115 45.999/ 46.012	0.6550 16.64	0.0589 1.496
CR 418CP STD/.25	C 418	4 Pairs		1.6918/ 1.6924 42.972/ 42.987	1.8110/ 1.8115 45.999/ 46.012	0.6535 16.60	0.0589 1.496

VAUXHALL				VAUXHALL				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
<i>Same bearing as CR 418AM. Only difference is the material (tri metal copper-lead). Produced on demand only.</i>								
MB5519AM STD/.25/.5/.75/1.0/1.25/1.5 ACL: 5M1801 CLE: MS-1545P FMO: 7218M GLA: M5380SA GLY: H 975/5 K.S: 87 410 600 NDC: MS-3017 OEM: S122-0012 VAN: VPM91934A	M5519	4 Pairs	1-2-4-5	2.1643/ 2.1648 54.973/ 54.986	2.3228/ 2.3233 58.999/ 59.012	0.7700 19.56	0.0784 1.991	
	F5519	1 Pair	3	2.1643/ 2.1648 54.973/ 54.986	2.3228/ 2.3233 58.999/ 59.012	1.0200 25.91	0.0784 1.991	
10	1.6N O.H.C		1598 cc	80.00 X 79.50	4 cyl	Astra 1600L, GL, SR, Astramax Van, Belmont 1600L, GL, GLS, Cavalier 1600L, GL, LX, SR, GLS	10	
	1.6D O.H.C Diesel		1598 cc	80.00 X 79.50	4 cyl	Astra 1600D, LD, Astramax Van, Belmont 1600L, Cavalier 1600D, LD		
	1.8S O.H.C		1796 cc	84.80 X 79.50	4 cyl	Carlton 1800/ GL		
	1.8E O.H.C Fuel Injection		1796 cc	84.80 X 79.50	4 cyl	Astra 1800i GTE, SRi, Cavalier 1800 GLi, GLSi, Cavalier 1800 SRi, Cavalier 1800i CD		
CR 421AM STD/.25/.5/.75/1.0/1.25/1.5 SUPERSEDED BY CR4106AM <i>Old Model, Upper half - with one 4.0 mm oil hole at 44 degrees from the center line . instead use CR4106 wich feet both Old and New model</i> ACL: 4B2326 CLE: CB-1175AL (4) FMO: 4-68140CP GLY: 71-3531/4 K.S: 87 392 600 NDC: CB-3020	C 421U C 421L	4 Pairs		1.9280/ 1.9286 48.971/ 48.986	2.0472/ 2.0477 51.999/ 52.012	0.7600 19.30	0.0589 1.496	
CR4017AM STD/.25/.5/.75/1.0/1.25/1.5 <i>Late model, Upper half - with one 4.0 mm hole at 12 degrees from the center line (or crown), lower half - plain.</i> ACL: 4B1408 ~ CLE: CB-1408AL (4) FMO: 4-1490CP GLA: B4673LC GLY: 71-3626/4 K.S: 87 391 600 VAN: VPR92123LC	C4017 C 421L	4 Pairs		1.9280/ 1.9286 48.971/ 48.986	2.0472/ 2.0477 51.999/ 52.012	0.7600 19.30	0.0589 1.496	
CR4106AM STD/.25/.5/.75/1.0/1.25/1.5 <i>2 oil holes in upper half, . The set can be used for both Old and Late model</i> ACL: 4B1408 CLE: CB-1408P (4) FMO: 4-1490 GLA: B4628SA GLY: 71-3531/4~ OEM: 9202-8817 VAN: VPR91935A								
MB5179AM STD/.25/.5/.75/1.0 <i>Same as MB5520AM, but with flange STD length: 25.91 mm in all undersizes</i> ACL: 5M2329 CLE: MS-2068P FMO: 7108M	M5520	4 Pairs	1-2-4-5	2.2828/ 2.2833 57.983/ 57.996	2.4410/ 2.4415 62.001/ 62.014	0.7680 19.51	0.0785 1.994	
	F5179	1 Pair	3	2.2828/ 2.2833 57.983/ 57.996	2.4410/ 2.4415 62.001/ 62.014	1.0200 25.91	0.0785 1.994	
MB5520AM STD/.25/.5/.75/1.0/1.25/1.5 <i>This set includes 2 flanged full grooved halves . Flange length: STD - 25.91 mm (FI STD) 0.25 - 26.11mm (FI oversize 0.2 mm), 0.5 - 26.31mm (FI oversize 0.4 mm), 0.75 - 26.51mm (FI oversize 0.6 mm), 1.0, 1.5 - 26.71mm (FI oversize 0.8mm) .</i> ACL: 5M2327 CLE: MS-1549AL FMO: 6831M GLA: M5401SA GLY: H 982/5 K.S: 87 393 600 NDC: MS-3020 OEM: 9206-5700 VAN: VPM91936LC	M5520	4 Pairs	1-2-4-5	2.2828/ 2.2833 57.983/ 57.996	2.4410/ 2.4415 62.001/ 62.014	0.7680 19.51	0.0785 1.994	
	F5520	1 Pair	3	2.2828/ 2.2833 57.983/ 57.996	2.4410/ 2.4415 62.001/ 62.014	1.0200 25.91	0.0785 1.994	
11	1.6S O.H.C RWD		1584 cc	85.00 X 69.80	4 cyl	Cavalier 1600, L, GL, GLS, LS,	11	
	1.9S O.H.C		1897 cc	93.00 X 69.80	4 cyl	Cavalier 1900, GL, GLS, Coupe		
	2.0N		1979 cc	95.00 X 69.80	4 cyl	Carlton 2000L, GL, Cavalier 2000LS, GL, GLS		
	2.0i Fuel Injection		1979 cc	95.00 X 69.80	4 cyl	Carlton 2000i CD		

VAUXHALL				VAUXHALL				
								
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
2.0S			1979 cc	95.00 X 69.80	4 cyl	Carlton 2000L, GL, Cavalier 2000LS, GL, GLS		
CR4411AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:4B1341 CLE:CB- 837AL(4) FMO:4-65895CP GLA:B4599SA GLY:71-3560/4 K.S:87 758 600 NDC:CB-3019 VAN:VPR91316A	C4411	4 Pairs		2.0460/ 2.0467 51.968/ 51.986		2.1653/ 2.1658 54.999/ 55.011	0.7750 19.69	0.0589 1.496
CS 315BB FMO:1737M GLA:C3087S								
MB 526AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:5M1342 CLE:MS- 988AL FMO:6280M GLA:M5256SA GLY:H 901/5 K.S:87 757 600 VAN:VPM91317A	M 526	4 Pairs	1-2-3-4	2.2830/ 2.2835 57.988/ 58.001		2.4409/ 2.4415 61.999/ 62.014	0.8830 22.43	0.0781 1.984
	F 526	1 Pair	5	2.2830/ 2.2835 57.988/ 58.001		2.4409/ 2.4415 61.999/ 62.014	1.0810 27.46	0.0781 1.984
12	1.7D Diesel		1700 cc	82.50 X 79.50	4 cyl	Astra 1.7D,L, GL, Merit, Cavalier 1.7DL		12
	1.8SV F2 Carburettor		1796 cc	84.80 X 79.50	4 cyl	Carlton 1.8L, GL, Cavalier 1.8L, GL		
	1.8SEH Fuel Injection		1796 cc	84.80 X 79.50	4 cyl	Carlton 1.8i, GL, CD		
	1.8SE Fuel Injection		1796 cc	84.80 X 79.50	4 cyl	Astra 1.8i SRi, GLSi, LXi, CD, Belmont 1.8i SRi, GLSi, LXi, CD, Cavalier 1.8 Li, LXi, GLi,		
	2.0 NE Fuel Injection		1998 cc	86.00 X 86.00	4 cyl	Astra GTE Convertible, Calibra 2.0i, Cavalier L, GL, GLi, CD, SRi		
	2.0 SEH Fuel Injection		1998 cc	86.00 X 86.00	4 cyl	Astra GTE, Cavalier SRi 130, GSi		
CR4017AM STD/.25/.5/.75/1.0/1.25/1.5 <i>Late model, Upper half - with one 4.0 mm hole at 12 degrees from the center line (or crown), lower half - plain.</i> ACL:4B1408 ~ CLE:CB-1408AL(4) FMO:4-1490CP GLA:B4673LC GLY:71-3626/4 K.S:87 391 600 VAN:VPR92123LC	C4017 C 421L	4 Pairs		1.9280/ 1.9286 48.971/ 48.986		2.0472/ 2.0477 51.999/ 52.012	0.7600 19.30	0.0589 1.496
MB5520AM STD/.25/.5/.75/1.0/1.25/1.5 <i>This set includes 2 flanged full grooved halves . Flange length: STD - 25.91 mm (FI STD) 0.25 - 26.11mm (FI oversize 0.2 mm), 0.5 - 26.31mm (FI oversize 0.4 mm), 0.75 - 26.51mm (FI oversize 0.6 mm), 1.0, 1.5 - 26.71mm (FI oversize 0.8mm).</i> ACL:5M2327 CLE:MS-1549AL FMO:6831M GLA:M5401SA GLY:H 982/5 K.S:87 393 600 NDC:MS-3020 OEM:9206-5700 VAN:VPM91936LC	M5520	4 Pairs	1-2-4-5	2.2828/ 2.2833 57.983/ 57.996		2.4410/ 2.4415 62.001/ 62.014	0.7680 19.51	0.0785 1.994
	F5520	1 Pair	3	2.2828/ 2.2833 57.983/ 57.996		2.4410/ 2.4415 62.001/ 62.014	1.0200 25.91	0.0785 1.994
13	2.0XE Fuel Injection 16 val		1998 cc	86.00 X 86.00	4 cyl	Astra GTE, Calibra, Cavalier GSi		13
CR4210AM STD/.25/.5/.75 CLE:CB-1521P(4) GLA:B4684LC GLY:71-3764/4 K.S:77 268 600 VAN:VPR92496LC	C4210U C4210L	4 Pairs		1.9280/ 1.9286 48.971/ 48.986		2.0472/ 2.0477 51.999/ 52.012	0.7992 20.30	0.0589 1.496
MB5520AM STD/.25/.5/.75/1.0/1.25/1.5 <i>This set includes 2 flanged full grooved halves . Flange length: STD - 25.91 mm (FI STD) 0.25 - 26.11mm (FI oversize 0.2 mm), 0.5 - 26.31mm (FI oversize 0.4 mm), 0.75 - 26.51mm (FI oversize 0.6 mm), 1.0, 1.5 - 26.71mm (FI oversize 0.8mm).</i> ACL:5M2327 CLE:MS-1549AL FMO:6831M GLA:M5401SA GLY:H 982/5 K.S:87 393 600 NDC:MS-3020 OEM:9206-5700 VAN:VPM91936LC	M5520	4 Pairs	1-2-4-5	2.2828/ 2.2833 57.983/ 57.996		2.4410/ 2.4415 62.001/ 62.014	0.7680 19.51	0.0785 1.994
	F5520	1 Pair	3	2.2828/ 2.2833 57.983/ 57.996		2.4410/ 2.4415 62.001/ 62.014	1.0200 25.91	0.0785 1.994
14	1600 O.H.C		1599 cc	85.70 X 69.24	4 cyl	Firenza Deluxe, SL, Victor		14

VAUXHALL					VAUXHALL				
									
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
1800 O.H.C		1759 cc	85.70 X 76.20	4 cyl	FD, Super, Viva SL, Deluxe				
		1975 cc	95.25 X 69.24	4 cyl	Firenza 1800, SL, Deluxe, Magnum 1800, VX 1800, Victor 1800 Deluxe, Viva 1800, Deluxe, L, GLS				
		2279 cc	95.54 X 76.20	4 cyl	Firenza, Magnum 2300, Sports Hatchback, VX 2300, GLS, VX 4/90 Single + Twin Carbs, Victor FE 2300, SL, Viva 2300SL				
CR4420AM ^{STD/020} <i>Modified Big Ends with two oil holes to service early and late models</i> ACL: 4B1346 CLE: CB- 938AL (4) GLA: B4586SA VAN: VPR91573	C4420	4 Pairs		1.9975/ 1.9985 50.737/ 50.762	2.1460/ 2.1465 54.508/ 54.521	0.9280 23.57	0.0730 1.854		
MB 571AM ^{STD/050} <i>3139956-</i> CLE: MS-1026AL GLA: M5259SA VAN: VPM91251	M 571/1	3 Pairs	1-2-4	2.4995/ 2.5005 63.487/ 63.513	2.6655/ 2.6660 67.704/ 67.716	0.9200 23.37	0.0820 2.083		
	M 571/2	1 Pair	3	2.4995/ 2.5005 63.487/ 63.513	2.6655/ 2.6660 67.704/ 67.716	0.9200 23.37	0.0820 2.083		
	F 571	1 Pair	5	2.4995/ 2.5005 63.487/ 63.513	2.6655/ 2.6660 67.704/ 67.716	1.3390 34.01	0.0820 2.083		
15	C25XE	1993 - 97	2498 cc	81.60 X 79.60	6 cyl	Calibra	15		
CR 650AM ^{STD/.25/.5/.75/1.0} OEM: 6 22 796 VAN: VPR06036A	C 650	6 Pairs		1.9280/ 1.9286 48.971/ 48.986	2.0472/ 2.0477 51.999/ 52.012	0.6417 16.30	0.0589 1.496		
MB4049SI ^{STD/.25/.75} VAN: VPM04107A ~	M4049/1	1 Pair		2.6764/ 2.6770 67.981/ 67.996	2.8346/ 2.8352 71.999/ 72.014	0.7874 20.00	0.0785 1.994		
	M4049/2U M4049/2L	2 Pairs		2.6764/ 2.6770 67.981/ 67.996	2.8346/ 2.8352 71.999/ 72.014	0.6693 17.00	0.0785 1.994		
	F4049	1 Pair		2.6764/ 2.6770 67.981/ 67.996	2.8346/ 2.8352 71.999/ 72.014	0.9606 24.40	0.0785 1.994		
16	2.5E, 2.5N Carburettor & Fuel Injection		2490 cc	87.00 X 69.80	6 cyl	Senator 2.5i, Viceroy 2.5	16		
	2.8S O.H.C		2784 cc	92.00 X 69.80	6 cyl	Royale 2.8			
	3.0S Carburettor		2969 cc	95.00 X 69.80	6 cyl	Royale 3.0 Coupe			
	3.0E Fuel Injection		2969 cc	95.00 X 69.80	6 cyl	Senator 3.0i, CD			
CR 643AM ^{STD/.25/.5/.75/1.0/1.25/1.5} CLE: CB- 837AL (6) FMO: 6-65895CP GLA: B6438SA GLY: 71-3560/6 K.S: 87 756 600 VAN: VPR91318A	C4411	6 Pairs		2.0460/ 2.0467 51.968/ 51.986	2.1653/ 2.1658 54.999/ 55.011	0.7750 19.69	0.0589 1.496		
MB 757AM ^{STD/.25/.5/.75/1.0/1.25/1.5} CLE: MS- 989AL GLA: M7282SA GLY: H 901/7 K.S: 87 755 600 VAN: VPM91319A	M 526	6 Pairs	1-2-3-4-5-6	2.2830/ 2.2835 57.988/ 58.001	2.4409/ 2.4415 61.999/ 62.014	0.8830 22.43	0.0781 1.984		
	F 526	1 Pair	7	2.2830/ 2.2835 57.988/ 58.001	2.4409/ 2.4415 61.999/ 62.014	1.0810 27.46	0.0781 1.984		

Engine Index: VOLKSWAGEN

Engine-Code	Years	Cyl	CC	Line
HA L4 55CI /0.9Liter,	03/1975-	4	895	2
ALL L4 61CI /1.0Liter,	10/1994-	4	999	1
ANV L4 61CI /1.0Liter,	09/1998-	4	999	1
AAK L4 64CI /1.1Liter,	10/1981-	4	1043	6
HB L4 67CI /1.1Liter,	03/1975-	4	1093	2
HC L4 67CI /1.1Liter,	04/1974-	4	1093	2
AYZ L3 73CI /1.2Liter,	09/1998-	3	1191	7
M51 H4 78CI /1.2Liter, OHV, 8	-	4	1192	8
GS L4 78CI /1.3Liter,	04/1974-	4	1272	2
MN L4 78CI /1.3Liter,	10/1981-	4	1272	3
PY L4 78CI /1.3Liter,	10/1981-	4	1272	3
2G L4 78CI /1.3Liter,	10/1981-	4	1272	6
AAV L4 78CI /1.3Liter,	10/1981-	4	1272	6
FY L4 78CI /1.3Liter,	05/1973-	4	1272	4
HH L4 78CI /1.3Liter,	02/1974-	4	1272	4
HK L4 78CI /1.3Liter,	01/1979-	4	1272	4
ZF L4 78CI SOHC/OHC, 8	05/1973-	4	1281	9
AB H4 78CI /1.3Liter, OHV, 8	04/1949-	4	1285	8
ADX L4 79CI /1.3Liter,	10/1994-	4	1296	12
EP L4 79CI /1.3Liter, 8 Valves,	08/1980-	4	1297	5
APQ L4 85CI /1.4Liter,	07/1993-	4	1390	12
BLG L4 85CI /1.4Liter, DOHC, 16	02/2003-	4	1390	13
CAVA L4 85CI /1.4Liter, DOHC,	09/2007-	4	1390	13
AKP L4 85CI /1.4Liter,	04/1997-	4	1390	14
APE L4 85CI /1.4Liter, DOHC, 16	11/1995-	4	1390	14
AUD L4 85CI /1.4Liter,	11/1995-	4	1390	14
1W L4 85CI /1.4Liter,	10/1981-	4	1398	6
AMF L3 87CI /1.4Liter,	09/1998-	3	1422	7
ATL L3 87CI /1.4Liter,	10/1999-	3	1422	7
BNM L3 87CI /1.4Liter,	10/2001-	3	1422	7
JB L4 89CI SOHC/OHC, 8	02/1974-	4	1457	9
CK L4 90CI SOHC/OHC, 8	05/1973-	4	1471	9
FH L4 90CI SOHC/OHC, 8	02/1974-	4	1471	9
YJ L4 90CI SOHC/OHC, 8	05/1973-	4	1471	9
H H4 91CI /1.5Liter, OHV, 8	04/1949-	4	1493	8
AE H4 97CI /1.6Liter, OHV, 8	04/1949-	4	1584	8
EG L4 97CI SOHC/OHC, 8	02/1974-	4	1588	9
YN L4 97CI SOHC/OHC, 8	05/1973-	4	1588	9
YS L4 97CI SOHC/OHC, 8	05/1973-	4	1588	9
CR L4 97CI /1.6Liter,	05/1973-	4	1588	10
CY L4 97CI /1.6Liter,	04/1974-	4	1588	10
RA L4 97CI /1.6Liter,	08/1980-	4	1588	27
JK L4 97CI /1.6Liter,	04/1974-	4	1589	16
JR L4 97CI /1.6Liter,	08/1983-	4	1589	16
AKS L4 97CI /1.6Liter,	02/1988-	4	1595	17
AEH L4 97CI /1.6Liter,	10/1988-	4	1595	20
AWH L4 97CI /1.6Liter,	01/1998-	4	1595	20
EW L4 97CI /1.6Liter,	04/1974-	4	1595	22
1F L4 97CI /1.6Liter,	07/1982-	4	1595	36
ADP L4 97CI /1.6Liter,	08/1996-	4	1595	36
ALZ L4 97CI /1.6Liter,	11/2000-	4	1598	11
ANA L4 97CI /1.6Liter,	08/1996-	4	1598	11
AVU L4 97CI /1.6Liter,	08/1997-	4	1598	11
BFS L4 97CI /1.6Liter,	01/1998-	4	1598	11
BSE L4 97CI /1.6Liter,	02/2003-	4	1598	11
CHGA L4 97CI /1.6Liter,	03/2004-	4	1598	11
CMXA L4 97CI /1.6Liter,	01/2005-	4	1598	11
AEA L4 98CI /1.6Liter,	08/1991-	4	1598	12
BTS L4 98CI /1.6Liter, DOHC, 16	10/2001-	4	1598	13
ALM L4 98CI /1.6Liter,	11/1995-	4	1598	14
BCB L4 98CI /1.6Liter, DOHC, 16	08/1997-	4	1598	14
AZD L4 98CI /1.6Liter, DOHC, 16	08/1997-	4	1598	15
KY L4 105CI /1.8Liter,	05/1979-	4	1715	16
AKU L4 105CI /1.8Liter,	09/1994-	4	1716	28
AFY L4 109CI /1.8Liter, DOHC,	-	4	1781	17

Engine-Code	Years	Cyl	CC	Line
ADR L4 109CI /1.8Liter, DOHC,	08/1996-	4	1781	18
ADZ L4 109CI /1.8Liter,	02/1988-	4	1781	19
ARG L4 109CI /1.8Liter, DOHC,	05/1995-	4	1781	20
ANB L4 109CI /1.8Liter, DOHC,	08/1996-	4	1781	34
APT L4 109CI /1.8Liter, DOHC,	08/1996-	4	1781	34
AUM L4 109CI /1.8Liter, DOHC,	08/1997-	4	1781	35
AWT L4 109CI /1.8Liter, DOHC,	11/2000-	4	1781	35
AWV L4 109CI /1.8Liter, DOHC,	01/1998-	4	1781	35
BBU L4 109CI /1.8Liter, DOHC,	10/2001-	4	1781	35
AVC L4 109CI /1.8Liter, DOHC,	01/1998-	4	1781	21
EV L4 108CI /1.8Liter,	04/1974-	4	1781	22
EX L4 108CI /1.8Liter,	01/1979-	4	1781	22
GU L4 108CI /1.8Liter,	08/1983-	4	1781	22
GX L4 108CI /1.8Liter,	08/1980-	4	1781	22
PL L4 108CI /1.8Liter, DOHC, 16	08/1980-	4	1781	22
RP L4 108CI /1.8Liter,	10/1988-	4	1781	22
ACC L4 108CI /1.8Liter,	08/1991-	4	1781	36
AJH L4 108CI /1.8Liter, DOHC,	05/1995-	4	1781	36
PG L4 108CI /1.8Liter,	08/1983-	4	1781	36
ABL L4 116CI /1.9Liter,	07/1990-	4	1896	23
AGR L4 116CI /1.9Liter,	05/2001-	4	1896	23
AHH L4 116CI /1.9Liter,	08/1996-	4	1896	23
AHU L4 116CI /1.9Liter,	02/1988-	4	1896	23
ARL L4 116CI /1.9Liter,	08/1997-	4	1896	24
ASZ L4 116CI /1.9Liter,	05/1995-	4	1896	24
AWX L4 116CI /1.9Liter,	11/2000-	4	1896	24
BLT L4 116CI /1.9Liter,	10/2001-	4	1896	24
AXR L4 116CI /1.9Liter,	08/1997-	4	1896	31
BEW L4 116CI /1.9Liter,	01/1998-	4	1896	31
BVK L4 116CI /1.9Liter,	05/1995-	4	1896	31
AJM L4 116CI /1.9Liter,	08/1996-	4	1896	25
AEY L4 116CI /1.9Liter,	08/1991-	4	1896	26
1Y L4 116CI /1.9Liter,	02/1988-	4	1896	27
AQM L4 116CI /1.9Liter,	11/1995-	4	1896	28
WN L5 117CI /2.0Liter,	08/1980-	5	1921	29
BKD L4 120CI /2.0Liter, DOHC,	02/2003-	4	1968	30
CBDA L4 120CI /2.0Liter, DOHC,	10/2003-	4	1968	30
BDK L4 120CI /2.0Liter,	10/2003-	4	1968	31
BST L4 120CI /2.0Liter,	03/2004-	4	1968	31
AZV L4 120CI /2.0Liter, DOHC,	02/2003-	4	1968	32
BGW L4 120CI /2.0Liter,	11/2000-	4	1968	32
BMM L4 120CI /2.0Liter,	02/2003-	4	1968	32
BRT L4 120CI /2.0Liter,	05/1995-	4	1968	32
CBBB L4 120CI /2.0Liter, DOHC,	03/2005-	4	1968	32
CH L4 121CI /2.0Liter,	04/1975-	4	1984	33
AEG L4 121CI /2.0Liter,	01/1998-	4	1984	34
APK L4 121CI /2.0Liter,	05/2001-	4	1984	34
AQY L4 121CI /2.0Liter,	08/1997-	4	1984	34
ASU L4 121CI /2.0Liter,	08/1996-	4	1984	34
BHY L4 121CI /2.0Liter,	10/2003-	4	1984	34
ALT L4 121CI /2.0Liter, DOHC,	11/2000-	4	1984	35
AXW L4 121CI /2.0Liter, DOHC,	02/2003-	4	1984	35
AZH L4 121CI /2.0Liter,	08/1997-	4	1984	35
AZM L4 121CI /2.0Liter,	11/2000-	4	1984	35
BHP L4 121CI /2.0Liter,	01/1998-	4	1984	35
BPY L4 121CI /2.0Liter,	10/2003-	4	1984	35
9A L4 121CI /2.0Liter, DOHC, 16	01/1984-	4	1984	36
ABF L4 121CI /2.0Liter, DOHC,	02/1988-	4	1984	36
ADY L4 121CI /2.0Liter,	08/1987-	4	1984	36
HP L5 122CI /2.0Liter,	08/1980-	5	1994	40
JS L5 122CI /2.0Liter,	08/1980-	5	1994	40
JT L4 136CI /2.3Liter,	08/1980-	4	2226	40
KV L4 136CI /2.3Liter,	08/1980-	4	2226	40
AQN V5 142CI /2.4Liter, DOHC,	08/1997-	5	2324	37
AAB L5 145CI /2.4Liter,	07/1990-	5	2370	39

Engine-Code	Years	Cyl	CC	Line
1E L6 145CI /2.4Liter,	04/1975-	6	2383	38
ACT L6 145CI /2.4Liter,	04/1975-	6	2383	38
DV L6 145CI /2.4Liter,	04/1975-	6	2383	38
AEU L5 150CI /2.5Liter,	07/1990-	5	2461	39
ACU L5 150CI /2.5Liter,	07/1990-	5	2461	40
APL L5 150CI /2.5Liter,	07/1990-	5	2461	40

Engine-Code	Years	Cyl	CC	Line
CG L4 165CI /2.7Liter,	-	4	2710	41
AES V6 170CI /2.8Liter,	07/1990-	6	2792	43
AUE V6 170CI /2.8Liter, DOHC,	08/1997-	6	2792	43
ATA L4 171CI /2.8Liter,	04/1996-	4	2799	42
ABV V6 175CI /2.9Liter, DOHC,	08/1987-	6	2861	43

Car Model Index: VOLKSWAGEN

Model	Engine	Years	Cyl	CC	Line
1200	AE H4 97CI	1965-79	4	1584	8
1200,1303	M51 H4 78CI	1960-78	4	1192	8
1300, Cabriolet,	AB H4 78CI	1965-75	4	1285	8
1302	AB H4 78CI	1965-75	4	1285	8
1302S	AE H4 97CI	1967-75	4	1584	8
1302S (126 Eng)	AE H4 97CI	1967-75	4	1584	8
1303	AB H4 78CI	1965-75	4	1285	8
1303S/LS	AE H4 97CI	1972-79	4	1584	8
1500A Transporter	H H4 91CI	1961-74	4	1493	8
1500N (311 Eng)	H H4 91CI	1962-74	4	1493	8
1500S (341 Eng)	H H4 91CI	1962-74	4	1493	8
1600 Karmann Ghia	AE H4 97CI	1967-75	4	1584	8
1600 Transporter	AE H4 97CI	1968-79	4	1584	8
1600A Transporter	H H4 91CI	1961-74	4	1493	8
1600TL	AE H4 97CI	1966-75	4	1584	8
181 R.W.D Air Cooled	H H4 91CI	1965-74	4	1493	8
Arosa 1.4 TDI	AMF L3 87CI	01.2000-	3	1422	7
Arosa 1.4 TDI	ATL L3 87CI	01.2000-	3	1422	7
Arosa 1.4 TDI	BNM L3 87CI	01.2000-	3	1422	7
BORA 1.6i	AEH L4 97CI	09.1998-	4	1595	20
BORA 1.6i	AWH L4 97CI	09.1998-	4	1595	20
BORA 1.8i 16V	APT L4 109CI	02.1999-	4	1781	34
BORA 1.8i 16V	ANB L4 109CI	02.1999-	4	1781	34
BORA 1.8i TURBO 20V	AWV L4 109CI	01.2005-	4	1781	35
BORA 1.8i TURBO 20V	AWV L4 109CI	09.2000-	4	1781	35
BORA 1.8i TURBO 20V	AUM L4 109CI	09.2000-	4	1781	35
BORA 1.8i TURBO 20V	BBU L4 109CI	09.2000-	4	1781	35
Bora 1.9 TDI	ARL L4 116CI	09.2000-	4	1896	24
Bora 1.9 TDI	ASZ L4 116CI	04.2001-	4	1896	24
CADDY BOX , ESTATE	BLG L4 85CI	05.2006-	4	1390	13
Caravelle	AEU L5 150CI	1996-	5	2461	39
Derby, Golf, Jetta	HK L4 78CI	1983-85	4	1272	4
EOS 1.4 TSI 16V	CAVA L4 85CI	11.2007-	4	1390	13
GLOF IV 1.6i	AEH L4 97CI	01.1998-	4	1595	20
GLOF IV 1.6i	AWH L4 97CI	01.1998-	4	1595	20
GOLF 1.4 16V , V	BLG L4 85CI	01.2005-	4	1390	13
GOLF IV 1.8i 16V	APT L4 109CI	10.1997-	4	1781	34
GOLF IV 1.8i 16V	ANB L4 109CI	10.1997-	4	1781	34
GOLF IV 1.8i TURBO	AUM L4 109CI	09.2000-	4	1781	35
GOLF IV 1.8i TURBO	BBU L4 109CI	09.2000-	4	1781	35
GOLF OOO 1.6i	AEH L4 97CI	10.1997-	4	1595	20
GOLF OOO 1.6i	AWH L4 97CI	10.1997-	4	1595	20
GOLF V , VARIANT 1.4	BLG L4 85CI	06.2007-	4	1390	13
GOLF V , POLO 16V	BLG L4 85CI	05.2006-	4	1390	13
GOLF V 1.4 FSI	BLG L4 85CI	10.2003-	4	1390	13
GOLF V 1.4 TSI 16V	CAVA L4 85CI	07.2007-	4	1390	13
GOLF V PLUS 16V 1.4	BLG L4 85CI	01.2005-	4	1390	13
GOLF VI 1.4 TSI 16V	CAVA L4 85CI	10.2008-	4	1390	13
Golf	2G L4 78CI	08/83-	4	1272	6
Golf Cabriolet	HK L4 78CI	1983-86	4	1272	4
Golf III1.6, Vento 1.6-	AEA L4 98CI	1992-	4	1598	12
Golf IV 1.9 TDI	ARL L4 116CI	09.2000-	4	1896	24

Model	Engine	Years	Cyl	CC	Line
Golf IV 1.9 TDI	ASZ L4 116CI	04.2001-	4	1896	24
Golf,Passat,Bora, VR5	AQN V5 142CI		5	2324	37
Golf,Passat,Corrado	ADR L4 109CI		4	1781	18
Indust. Engine 122	M51 H4 78CI	1960-78	4	1192	8
Instudy Engine 126	AE H4 97CI	1965-79	4	1584	8
JETTA 1.4 TSI 16V	CAVA L4 85CI	07.2007-	4	1390	13
JETTA 1.8i TURBO 20V	AWV L4 109CI	06.2001-	4	1781	35
JETTA III 1.4 TSI	BLG L4 85CI	07.2006-	4	1390	13
Jetta, Polo, Coupe	2G L4 78CI	08/83-	4	1272	6
L 35 Sdi	AEU L5 150CI	1996-	5	2461	39
LT 28,31,35,40,45	CH L4 121CI	1975-	4	1984	33
LT 28D	ATA L4 171CI		4	2799	42
Lt 35/46/Transp. TDI	AEU L5 150CI	1996-	5	2461	39
Lupo 1.2 TDI 3L	AYZ L3 73CI	07.1999-	3	1191	7
Lupo 1.4 TDI	AMF L3 87CI	07.1999-	3	1422	7
Lupo 1.4 TDI	ATL L3 87CI	07.1999-	3	1422	7
Lupo 1.4 TDI	BNM L3 87CI	07.1999-	3	1422	7
Microbus,Kombi,1200	M51 H4 78CI	1953-59	4	1192	8
Multivan	AEU L5 150CI	1996-	5	2461	39
NEW BEETLE 1.8i T	AWV L4 109CI	06.2000-	4	1781	35
PASSAT 1.4 TSI 16V	CAVA L4 85CI	05.2007-	4	1390	13
PASSAT 1.8i 20V	APT L4 109CI	01.1999-	4	1781	34
PASSAT 1.8i 20V	ANB L4 109CI	01.1999-	4	1781	34
PASSAT 1.8i TURBO	AWT L4 109CI	10.2000-	4	1781	35
POLO 1.6i	AEH L4 97CI	10.1999-	4	1595	20
POLO 1.6i	AWH L4 97CI	10.1999-	4	1595	20
POLO 1.6i 16V	BTS L4 98CI	06.2006-	4	1598	13
POLO 1.8i TURBO 20V	AWV L4 109CI	05.2006-	4	1781	35
POLOCROSS 1.6i 16V	BTS L4 98CI	06.2006-	4	1598	13
Polo	GS L4 78CI	1986-	4	1272	2
Polo	AAK L4 64CI	08/86-	4	1043	6
Polo 1.0	AAK L4 64CI	10/94-	4	1043	6
Polo 1.3	ADX L4 79CI	10/94-	4	1296	12
Polo 1.4 TDI	AMF L3 87CI	10.2001-	3	1422	7
Polo 1.4 TDI	ATL L3 87CI	10.2001-	3	1422	7
Polo 1.4 TDI	BNM L3 87CI	10.2001-	3	1422	7
Polo 1.6	AEA L4 98CI	10/94-	4	1598	12
Polo 1.9 TDI	ASZ L4 116CI	11.2003-	4	1896	24
Polo 1.9 TDI	BLT L4 116CI	05.2004-	4	1896	24
Polo Catalyst, Coupe	AAK L4 64CI	1990-	4	1043	6
Polo Catalyst, Coupe	AAV L4 78CI	1991-	4	1272	6
Polo Coupe Fox	HA L4 55CI		4	895	2
Polo Coupe, GT	AAK L4 64CI	08/88-	4	1043	6
Polo GT	2G L4 78CI	08/85-	4	1272	6
Polo, Coupe, GT	2G L4 78CI	08/88-	4	1272	6
SAHARAN 1.8i TURBO	APT L4 109CI	04.2000-	4	1781	34
SAHARAN 1.8i TURBO	ANB L4 109CI	04.2000-	4	1781	34
SCIROCCO 1.4 TSI	CAVA L4 85CI	11.2008-	4	1390	13
Sharan 1.9 TDI	ASZ L4 116CI	11.2002-	4	1896	24
T 4 Transporter	AAB L5 145CI	1991-	5	2370	39
TOURAN 1.4 TSI	BLG L4 85CI	02.2006-	4	1390	13
Transporter LT	CG L4 165CI		4	2710	41

Model	Engine	Years	Cyl	CC	Line
Variant 1600A/TL	AE H4 97CI	1967-75	4	1584	8
Variant CL 1.6	AEA L4 98CI	10/94-	4	1598	12









Model	Engine	Years	Cyl	CC	Line









VOLKSWAGEN						VOLKSWAGEN					
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness				
1	ALL L4 61CI /1.0Liter, SOHC/OHC, 8 Valves, Gasoline	10/1994-07/2005	999 cc	67.10 X 70.60	4 cyl						1
	ANV L4 61CI /1.0Liter, SOHC/OHC, 8 Valves, Gasoline	09/1998-07/2005	999 cc	67.10 X 70.50	4 cyl						
CR4296AM GLY:01-3874/4 K.S:77 695 600 VAN:VPR04037	C4296	4 Pairs		1.6522/ 1.6528 41.966/ 41.981	1.7717/ 1.7721 45.001/ 45.011	0.7283 18.50	0.0591 1.501				
MB5660SI STD/.25/.5/.75/1.0 K.S:77 534 600	M5660U M5660L	5 Pairs		2.1245/ 2.1251 53.962/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7283 18.50	0.0987 2.507				
TW2010AM STD/.10/.17/.20/.25/.5/.75/1.0 ACL:2T1644 GLY:A 123/4 K.S:78 635 600	W2010D W2010E	2 Pairs		2.3425/ 2.3520 59.500/ 59.741	2.8720/ 2.8819 72.949/ 73.200	0.0000 0.00	0.0770 1.956				
2	HA L4 55CI /0.9Liter, SOHC/OHC, 8 Valves, Gasoline	03/1975-09/1994	895 cc	69.50 X 59.00	4 cyl	Polo Coupe Fox					2
	HC L4 67CI /1.1Liter, SOHC/OHC, 8 Valves, Gasoline	04/1974-12/1985	1093 cc	69.50 X 72.00	4 cyl						
	HB L4 67CI /1.1Liter, SOHC/OHC, 8 Valves, Gasoline	03/1975-09/1994	1093 cc	69.50 X 72.00	4 cyl						
	GS L4 78CI /1.3Liter, SOHC/OHC, 8 Valves, Gasoline MN -	04/1974-12/1985	1272 cc	75.00 X 72.00	4 cyl	Polo					
CR 408AM STD/.25/.5/.75/1.0/1.25/1.5 CLE:CB-1182P(4) FMO:4-68105CP GLA:B4567SA GLY:71-3276/4 K.S:87 701 600 OEM:052.105.701 VAN:VPR91559	C 408	4 Pairs		1.6515/ 1.6523 41.948/ 41.968	1.7716/ 1.7723 44.999/ 45.016	0.7090 18.01	0.0592 1.504				
MB5027AM STD/.25/.5/.75/1.0 With Flange bearings All bearings are full grooved. Flange length: STD 24.930 mm (FI STD) 0.25,0.5,0.75,1.0 25.030mm (FOS 0.10mm)	M 507U F5070U	4 Pairs 1 Pair	1-2-4-5 3	2.1243/ 2.1251 53.957/ 53.978 2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017 2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49 0.9820 24.94	0.0985 2.502 0.0985 2.502				
MB5070AM STD/.25/.5/.75/1.0/1.25/1.5 Flange length: STD 24.93 mm (FI STD) 0.25,0.5,0.75,1.0 25.03mm (FI oversize 0.1mm)	M 507U M 507L F5070U F5070L M 507U	3 Pairs 1 Pair 1 Pair	1-2-4 3 5	2.1243/ 2.1251 53.957/ 53.978 2.1243/ 2.1251 53.957/ 53.978 2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017 2.3228/ 2.3235 58.999/ 59.017 2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49 0.9820 24.94 0.7280 18.49	0.0985 2.502 0.0985 2.502 0.0985 2.502				
3	MN L4 78CI /1.3Liter, SOHC/OHC, 8 Valves, Diesel	10/1981-09/1994	1272 cc	75.00 X 71.98	4 cyl						3
	PY L4 78CI /1.3Liter, SOHC/OHC, 8 Valves, Gasoline Supercharged	10/1981-09/1994	1272 cc	75.00 X 72.00	4 cyl						
CR 408AM STD/.25/.5/.75/1.0/1.25/1.5 CLE:CB-1182P(4) FMO:4-68105CP GLA:B4567SA GLY:71-3276/4 K.S:87 701 600 OEM:052.105.701 VAN:VPR91559	C 408	4 Pairs		1.6515/ 1.6523 41.948/ 41.968	1.7716/ 1.7723 44.999/ 45.016	0.7090 18.01	0.0592 1.504				
MB5027AM STD/.25/.5/.75/1.0 All bearings are full grooved. Flange length: STD-24.93mm (FI STD), 0.25,0.5,0.75,1.0-25.03mm (FL O/S 0.1mm)	M 507U F5070U	4 Pairs 1 Pair	1-2-4-5 3	2.1243/ 2.1251 53.957/ 53.978 2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017 2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49 0.9820 24.94	0.0985 2.502 0.0985 2.502				

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CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

VOLKSWAGEN				VOLKSWAGEN				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
GLY:H 024/5 VAN:VPM92285A								
MB5028AMSTD <i>Without Flange bearings. All bearings are full grooved.</i>	M 507U	5 Pairs	1-2-3-4-5	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0984 2.499	
CLE:MS-1488AL GLY:H 026/5 VAN:VPM92574A	GLA:M5522SA K.S:87 420 600							
TW2010AMSTD/10/17/20/25/5/75/1.0	W2010D W2010E	2 Pairs		2.3425/ 2.3520 59.500/ 59.741	2.8720/ 2.8819 72.949/ 73.200	0.0000 0.00	0.0770 1.956	
ACL:2T1644 K.S:78 635 600	GLY:A 123/4							
4	HH L4 78Cl /1.3Liter, SOHC/OHC, 8 Valves, Gasoline	02/1974-09/1994	1272 cc	75.00 X 71.96	4 cyl		4	
	HK L4 78Cl /1.3Liter, SOHC/OHC, 8 Valves, Gasoline	01/1979-09/1994	1272 cc	75.00 X 72.00	4 cyl	Derby, Golf, Jetta, Golf Cabriolet		
	FY L4 78Cl /1.3Liter, SOHC/OHC, 8 Valves, Gasoline	05/1973-06/1989	1272 cc	75.00 X 72.00	4 cyl			
CR 408AMSTD/25/5/75/1.0/1.25/1.5	C 408	4 Pairs		1.6515/ 1.6523 41.948/ 41.968	1.7716/ 1.7723 44.999/ 45.016	0.7090 18.01	0.0592 1.504	
CLE:CB-1182P(4) GLA:B4567SA K.S:87 701 600 VAN:VPR91559	FMO:4-68105CP GLY:71-3276/4 OEM:052.105.701							
MB5027AMSTD/25/5/75/1.0	M 507U	4 Pairs	1-2-4-5	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0985 2.502	
CLE:MS-1577AL GLY:H 024/5	GLA:M5524SA VAN:VPM92285A							
	F5070U	1 Pair	3	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.9820 24.94	0.0985 2.502	
TW2010AMSTD/10/17/20/25/5/75/1.0	W2010D W2010E	2 Pairs		2.3425/ 2.3520 59.500/ 59.741	2.8720/ 2.8819 72.949/ 73.200	0.0000 0.00	0.0770 1.956	
ACL:2T1644 K.S:78 635 600	GLY:A 123/4							
5	EP L4 79Cl /1.3Liter, 8 Valves, Gasoline	08/1980-06/1989	1297 cc	75.00 X 73.40	4 cyl		5	
CR 411AMSTD/25/5/75/1.0/1.25/1.5	C 411	4 Pairs		1.8086/ 1.8094 45.938/ 45.959	1.9291/ 1.9297 48.999/ 49.014	0.7480 19.00	0.0593 1.506	
ACL:4B1636 FMO:4-68095CP GLY:71-3084/4 OEM:056.198.501	CLE:CB-1017AL(4) GLA:B4538SA K.S:87 723 600 VAN:VPR91498							
CR4104AMSTD/25/5/75/1.0	C4104	4 Pairs		1.8802/ 1.8810 47.757/ 47.777	1.9921/ 1.9929 50.599/ 50.620	0.7480 19.00	0.0553 1.405	
ACL:4B1606 FMO:4-4465P GLY:71-3694/4 OEM:034 105 701	CLE:CB-1426P(4) GLA:B4622LB/B4693LB K.S:87 200 600 VAN:VPR91905							
MB5070AMSTD/25/5/75/1.0/1.25/1.5	M 507U M 507L	3 Pairs	1-2-4	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0985 2.502	
<i>Flange length: STD 24.93 mm (FI STD) 0.25,0.5,0.75,1.0 25.03mm (FI oversize 0.1mm)</i>	F5070U F5070L	1 Pair	3	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.9820 24.94	0.0985 2.502	
ACL:5M1645 FMO:6834M GLY:H 010/5;H 025/5 OEM:056.198.451A	CLE:MS-1659P GLA:M5526SA K.S:87 205 600 VAN:VPM92287							
	M 507U	1 Pair	5	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0985 2.502	
MB5192AMSTD/25/5/75/1.0	M 507U M 507L	3 Pairs	1-2-4	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0985 2.502	
<i>Same as MB5070AM, but with Flange oversize 0.8mm. Flange length: STD- 24.93mm (FL STD) 0.25,0.5,0.75,1.0- 25.73mm (FL Oversize)</i>	F5192U F5192L	1 Pair	3	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.9820 24.94	0.0985 2.502	
K.S:86 082 604								
	M 507U	1 Pair	5	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0985 2.502	
TW2010AMSTD/10/17/20/25/5/75/1.0	W2010D W2010E	2 Pairs		2.3425/ 2.3520 59.500/ 59.741	2.8720/ 2.8819 72.949/ 73.200	0.0000 0.00	0.0770 1.956	
ACL:2T1644 K.S:78 635 600	GLY:A 123/4							
6	AAK L4 64Cl /1.1Liter, SOHC/OHC, 8 Valves, Gasoline	10/1981-09/1994	1043 cc	75.00 X 59.00	4 cyl	Polo, Polo 1.0, Polo Catalyst, Coupe Catalyst, Polo Coupe, GT	6	
	AAV L4 78Cl /1.3Liter, SOHC/OHC,	10/1981-09/1994	1272 cc	75.00 X 72.00	4 cyl	Polo Catalyst, Coupe Catalyst		

VOLKSWAGEN				VOLKSWAGEN			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
8 Valves, Gasoline 2G L4 78CI /1.3Liter, SOHC/OHC, 8 Valves, Gasoline	10/1981-09/1997	1272 cc	75.00 X 72.00	4 cyl	Golf, Jetta, Polo, Coupe, Polo GT, Polo, Coupe, GT		
1W L4 85CI /1.4Liter, SOHC/OHC, 8 Valves, Diesel	10/1981-09/1994	1398 cc	75.00 X 79.10	4 cyl			
CR 408AM STD/.25/.5/.75/1.0/1.25/1.5 CLE:CB-1182P(4) FMO:4-68105CP GLA:B4567SA GLY:71-3276/4 K.S:87 701 600 OEM:052.105.701 VAN:VPM92574A	C 408	4 Pairs		1.6515/ 1.6523 41.948/ 41.968	1.7716/ 1.7723 44.999/ 45.016	0.7090 18.01	0.0592 1.504
MB5028AM STD <i>Without Flange bearings. All bearings are full grooved.</i> CLE:MS-1488AL GLA:M5522SA GLY:H 026/5 K.S:87 420 600 VAN:VPM92574A	M 507U	5 Pairs	1-2-3-4-5	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0984 2.499
TW2010AM STD/.10/.17/.20/.25/.5/.75/1.0 ACL:2T1644 GLY:A 123/4 K.S:78 635 600	W2010D W2010E	2 Pairs		2.3425/ 2.3520 59.500/ 59.741	2.8720/ 2.8819 72.949/ 73.200	0.0000 0.00	0.0770 1.956
7	AYZ L3 73CI /1.2Liter, SOHC/OHC, 6 Valves, Diesel Turbocharge	09/1998-07/2005	1191 cc	76.50 X 86.40	3 cyl	Lupo 1.2 TDI 3L	7
	AMF L3 87CI /1.4Liter, SOHC/OHC, 6 Valves, Diesel Turbocharge	09/1998-07/2005	1422 cc	79.50 X 95.50	3 cyl	Arosa 1.4 TDI, Lupo 1.4 TDI, Polo 1.4 TDI	
	ATL L3 87CI /1.4Liter, SOHC/OHC, 6 Valves, Diesel	10/1999-10/2001	1422 cc	79.50 X 95.50	3 cyl	Arosa 1.4 TDI, Lupo 1.4 TDI, Polo 1.4 TDI	
	BNM L3 87CI /1.4Liter, SOHC/OHC, 6 Valves, Diesel Turbocharge	10/2001-	1422 cc	79.50 X 95.50	3 cyl	Arosa 1.4 TDI, Lupo 1.4 TDI, Polo 1.4 TDI	
CR 349XA STD/.25/.5 GLY:71-3904/3 K.S:77 556 600	C4253U C4253L	3 Pairs		1.8802/ 1.8810 47.757/ 47.777	1.9921/ 1.9926 50.599/ 50.612	0.7874 20.00	0.0554 1.407
8	M51 H4 78CI /1.2Liter, OHV, 8 Valves, Gasoline 112,113,126 -	-	1192 cc	77.00 X 64.00	4 cyl	1200,1303, Indust. Engine 122, Microbus,Kombi,1200 15Cwt Van	8
	AB H4 78CI /1.3Liter, OHV, 8 Valves, Gasoline	04/1949-08/2003	1285 cc	77.00 X 69.00	4 cyl	1300, Cabriolet, Karmann Ghia, 1302, 1303	
	H H4 91CI /1.5Liter, OHV, 8 Valves, Gasoline 311,341 -	04/1949-08/2003	1493 cc	83.00 X 68.99	4 cyl	1500A Transporter, 1500N (311 Eng), 1500S (341 Eng), 1600A Transporter, 181 R.W.D Air Cooled	
	AE H4 97CI /1.6Liter, OHV, 8 Valves, Gasoline	04/1949-08/2003	1584 cc	85.50 X 69.00	4 cyl	1200, 1302S, 1302S (126 Eng), 1303S/LS, 1600 Karmann Ghia, 1600 Transporter (211 Eng), 1600TL, Instudy Engine 126, Variant 1600A/L/TL	
CR 409AM STD/.25/.5/.75/1.0/1.25/1.5 CLE:CB- 780AL(4) FMO:4-2930CP GLY:71-1950/4~ K.S:87 998 600~	C 409	4 Pairs		2.1642/ 2.1650 54.971/ 54.991	2.2756/ 2.2763 57.800/ 57.818	0.6930 17.60	0.0550 1.397
9	ZF L4 78CI SOHC/OHC, 8 Valves, Gasoline	05/1973-10/1981	1281 cc	75.00 X 73.40	4 cyl		9
	JB L4 89CI SOHC/OHC, 8 Valves, Gasoline	02/1974-08/1993	1457 cc	80.00 X 73.40	4 cyl		
	CK L4 90CI SOHC/OHC, 8 Valves, Diesel	05/1973-12/1985	1471 cc	76.50 X 80.00	4 cyl		
	FH L4 90CI SOHC/OHC, 8 Valves, Gasoline	02/1974-12/1985	1471 cc	76.50 X 80.00	4 cyl		
	YJ L4 90CI SOHC/OHC, 8 Valves, Gasoline	05/1973-10/1981	1471 cc	76.50 X 80.00	4 cyl		
	YS L4 97CI SOHC/OHC, 8 Valves, Gasoline	05/1973-10/1981	1588 cc	79.50 X 80.00	4 cyl		









VOLKSWAGEN					VOLKSWAGEN										
															
King Set No.		Part No.		Qty.		Position		Crankshaft Diameter		Housing Diameter		Length		Wall Thickness	
YN L4 97CI SOHC/OHC, 8 Valves, Gasoline		05/1973-06/1989		1588 cc		79.50 X 80.00		4 cyl							
EG L4 97CI SOHC/OHC, 8 Valves, Gasoline		02/1974-08/1993		1588 cc		79.50 X 80.00		4 cyl							
CR 411AM STD/.25/.5/.75/1.0/1.25/1.5 ACL: 4B1636 CLE: CB-1017AL (4) FMO: 4-68095CP GLA: B4538SA GLY: 71-3084/4 K.S: 87 723 600 OEM: 056.198.501 VAN: VPR91498		C 411		4 Pairs				1.8086/ 1.8094 45.938/ 45.959		1.9291/ 1.9297 48.999/ 49.014		0.7480 19.00		0.0593 1.506	
MB5070AM STD/.25/.5/.75/1.0/1.25/1.5 <i>Flange length:</i> <i>STD 24.93 mm (FI STD)</i> <i>0.25,0.5,0.75,1.0 25.03mm (FI oversize 0.1mm)</i> ACL: 5M1645 CLE: MS-1659P FMO: 6834M GLA: M5526SA GLY: H 010/5; H 025/5 K.S: 87 205 600 OEM: 056.198.451A VAN: VPM92287		M 507U M 507L		3 Pairs		1-2-4		2.1243/ 2.1251 53.957/ 53.978		2.3228/ 2.3235 58.999/ 59.017		0.7280 18.49		0.0985 2.502	
		F5070U F5070L		1 Pair		3		2.1243/ 2.1251 53.957/ 53.978		2.3228/ 2.3235 58.999/ 59.017		0.9820 24.94		0.0985 2.502	
		M 507U		1 Pair		5		2.1243/ 2.1251 53.957/ 53.978		2.3228/ 2.3235 58.999/ 59.017		0.7280 18.49		0.0985 2.502	
10		CY L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge		04/1974-06/1989		1588 cc		76.50 X 86.50		4 cyl				10	
		CR L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Diesel		05/1973-12/1992		1588 cc		76.50 X 86.50		4 cyl					
CR 437AM STD/.25/.5/.75/1.0/1.25/1.5 ACL: 4B1076 CLE: CB-1178P (4) FMO: 4-68150CP GLA: B4743SA GLY: 71-3442/4~ VAN: VPR92290A		C 437		4 Pairs				1.8802/ 1.8810 47.757/ 47.777		1.9921/ 1.9929 50.599/ 50.620		0.7480 19.00		0.0553 1.405	
MB5070AM STD/.25/.5/.75/1.0/1.25/1.5 ACL: 5M1645 CLE: MS-1659P FMO: 6834M GLA: M5526SA GLY: H 010/5; H 025/5 K.S: 87 205 600 OEM: 056.198.451A VAN: VPM92287		M 507U M 507L		3 Pairs		1-2-4		2.1243/ 2.1251 53.957/ 53.978		2.3228/ 2.3235 58.999/ 59.017		0.7280 18.49		0.0985 2.502	
		F5070U F5070L		1 Pair		3		2.1243/ 2.1251 53.957/ 53.978		2.3228/ 2.3235 58.999/ 59.017		0.9820 24.94		0.0985 2.502	
		M 507U		1 Pair		5		2.1243/ 2.1251 53.957/ 53.978		2.3228/ 2.3235 58.999/ 59.017		0.7280 18.49		0.0985 2.502	
11		ANA L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline		08/1996-11/2000		1598 cc		81.00 X 77.40		4 cyl				11	
		AVU L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline		08/1997-06/2006		1598 cc		81.00 X 77.40		4 cyl					
		BFS L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline		01/1998-		1598 cc		81.00 X 77.40		4 cyl					
		ALZ L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline		11/2000-08/2005		1598 cc		81.00 X 77.40		4 cyl					
		BSE L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline		02/2003-10/2010		1598 cc		81.00 X 77.40		4 cyl					
		CHGA L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline		03/2004-		1598 cc		81.00 X 77.40		4 cyl					
		CMXA L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline		01/2005-		1598 cc		81.00 X 77.40		4 cyl					
CR4348CP K.S: 77 552 600		C4348U C4348L		4 Pairs				1.6522/ 1.6526 41.966/ 41.976		1.7717/ 1.7723 45.001/ 45.016		0.7480 19.00		0.0593 1.506	
MB5391AM K.S: 77 551 600		M5391U M5391L		5 Pairs				1.8881/ 1.8889 47.958/ 47.978		2.0866/ 2.0870 53.000/ 53.010		0.7283 18.50		0.0987 2.507	
12		ADX L4 79CI /1.3Liter, SOHC/OHC, 8 Valves, Gasoline		10/1994-10/1999		1296 cc		76.50 X 70.50		4 cyl		Polo 1.3		12	
		APQ L4 85CI /1.4Liter, SOHC/OHC, 8 Valves, Gasoline		07/1993-01/2004		1390 cc		76.50 X 75.60		4 cyl					
		AEA L4 98CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline		08/1991-12/1999		1598 cc		76.50 X 86.90		4 cyl		Golf III 1.6, Vento 1.6-, Polo 1.6, Variant CL 1.6			
CR4251AM STD/.25/.5/.75/1.0 ACL: 4B1615A GLY: 01-3867/4		C4251		4 Pairs				1.8804/ 1.8810 47.762/ 47.777		1.9921/ 1.9926 50.599/ 50.612		0.7283 18.50		0.0554 1.407	

VOLKSWAGEN				VOLKSWAGEN			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
K.S:77 307 600 VAN:VPR04034A MB5028AM STD <i>Without Flange bearings. All bearings are full grooved.</i> CLE:MS-1488AL GLA:M5522SA GLY:H 026/5 K.S:87 420 600 VAN:VPM92574A	M 507U	5 Pairs	1-2-3-4-5	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0984 2.499
TW2010AM STD/.10/.17/.20/.25/.5/.75/1.0 ACL:2T1644 GLY:A 123/4 K.S:78 635 600	W2010D W2010E	2 Pairs		2.3425/ 2.3520 59.500/ 59.741	2.8720/ 2.8819 72.949/ 73.200	0.0000 0.00	0.0770 1.956
13	BLG L4 85CI /1.4Liter, DOHC, 16 Valves, Gasoline Turbocharge BLN - BMY - BUD -	02/2003-	1390 cc	76.50 X 75.60	4 cyl	CADDY BOX , ESTATE 16V 1.4 FSI, GOLF 1.4 16V , V SERIES, GOLF V , VARIANT 1.4 FSI, GOLF V , POLO 16V 1.4 FSI, GOLF V 1.4 FSI, GOLF V PLUS 16V 1.4 FSI, JETTA III 1.4 TSI, TOURAN 1.4 TSI	13
	CAVA L4 85CI /1.4Liter, DOHC, 16 Valves, Gasoline Turbocharge	09/2007-	1390 cc	76.50 X 75.60	4 cyl	EOS 1.4 TSI 16V, GOLF VI 1.4 TSI 16V, JETTA 1.4 TSI 16V, PASSAT 1.4 TSI 16V, SCIROCCO 1.4 TSI 16V	
	BTS L4 98CI /1.6Liter, DOHC, 16 Valves, Gasoline	10/2001-	1598 cc	76.50 X 86.90	4 cyl	POLO 1.6i 16V, POLOCROSS 1.6i 16V	
CR4527XA STD/.25/.5/.75 GLY:01-4100/4 K.S:77 836 600 OEM:03C 105 701	C4527U C4527L	4 Pairs		1.8804/ 1.8810 47.762/ 47.777	1.9921/ 1.9926 50.599/ 50.612	0.6772 17.20	0.5540 14.072
MB5660Si STD/.25/.5/.75/1.0 K.S:77 534 600	M5660U M5660L	5 Pairs		2.1245/ 2.1251 53.962/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7283 18.50	0.0987 2.507
TW2010AM STD/.10/.17/.20/.25/.5/.75/1.0 ACL:2T1644 GLY:A 123/4 K.S:78 635 600	W2010D W2010E	2 Pairs		2.3425/ 2.3520 59.500/ 59.741	2.8720/ 2.8819 72.949/ 73.200	0.0000 0.00	0.0770 1.956
14	AKP L4 85CI /1.4Liter, SOHC/OHC, 8 Valves, Gasoline	04/1997-10/2001	1390 cc	76.50 X 75.60	4 cyl		14
	AUD L4 85CI /1.4Liter, SOHC/OHC, 8 Valves, Gasoline	11/1995-07/2005	1390 cc	76.50 X 75.60	4 cyl		
	APE L4 85CI /1.4Liter, DOHC, 16 Valves, Gasoline	11/1995-06/2006	1390 cc	76.50 X 75.60	4 cyl		
	BCB L4 98CI /1.6Liter, DOHC, 16 Valves, Gasoline	08/1997-06/2006	1598 cc	76.50 X 86.90	4 cyl		
	ALM L4 98CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	11/1995-07/2002	1598 cc	76.50 X 86.90	4 cyl		
CR4251AM STD/.25/.5/.75/1.0 ACL:4B1615A GLY:01-3867/4 K.S:77 307 600 VAN:VPR04034A	C4251	4 Pairs		1.8804/ 1.8810 47.762/ 47.777	1.9921/ 1.9926 50.599/ 50.612	0.7283 18.50	0.0554 1.407
MB5660Si STD/.25/.5/.75/1.0 K.S:77 534 600	M5660U M5660L	5 Pairs		2.1245/ 2.1251 53.962/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7283 18.50	0.0987 2.507
TW2010AM STD/.10/.17/.20/.25/.5/.75/1.0 ACL:2T1644 GLY:A 123/4 K.S:78 635 600	W2010D W2010E	2 Pairs		2.3425/ 2.3520 59.500/ 59.741	2.8720/ 2.8819 72.949/ 73.200	0.0000 0.00	0.0770 1.956
15	AZD L4 98CI /1.6Liter, DOHC, 16 Valves, Gasoline	08/1997-06/2006	1598 cc	76.50 X 86.90	4 cyl		15
CR4250CA STD/.25/.5/.75/1.0 GLY:71-3929/4 K.S:77 581 600 VAN:VPR04041	C4250U C4250L	4 Pairs		1.8802/ 1.8810 47.757/ 47.777	1.9921/ 1.9926 50.599/ 50.612	0.7480 19.00	0.0554 1.407
MB5660Si STD/.25/.5/.75/1.0 K.S:77 534 600	M5660U M5660L	5 Pairs		2.1245/ 2.1251 53.962/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7283 18.50	0.0987 2.507
TW2010AM STD/.10/.17/.20/.25/.5/.75/1.0 ACL:2T1644 GLY:A 123/4 K.S:78 635 600	W2010D W2010E	2 Pairs		2.3425/ 2.3520 59.500/ 59.741	2.8720/ 2.8819 72.949/ 73.200	0.0000 0.00	0.0770 1.956
16	JK L4 97CI /1.6Liter, SOHC/OHC, 8	04/1974-	1589 cc	76.50 X 86.40	4 cyl		16









VOLKSWAGEN					VOLKSWAGEN				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
Valves, Diesel S,G,M,R,S,1V se-	12/1992								
JR L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	08/1983-12/1992	1589 cc	76.50 X 86.40	4 cyl					
KY L4 105CI /1.8Liter, SOHC/OHC, 8 Valves, Diesel AHB, AHG -	05/1979-12/1992	1715 cc	79.50 X 86.40	4 cyl					
CR 437AM STD/.25/.5/.75/1.0/1.25/1.5 <i>Without oil holes. For Petrol & Diesel engines.</i> ACL: 4B1076 CLE: CB-1178P (4) FMO: 4-68150CP GLA: B4743SA GLY: 71-3442/4~ VAN: VPM92290A	C 437	4 Pairs		1.8802/ 1.8810 47.757/ 47.777	1.9921/ 1.9929 50.599/ 50.620	0.7480 19.00	0.0553 1.405		
MB5070AM STD/.25/.5/.75/1.0/1.25/1.5 <i>Flange length: STD 24.93 mm (FI STD) 0.25,0.5,0.75,1.0 25.03mm (FI oversize 0.1mm)</i> ACL: 5M1645 CLE: MS-1659P FMO: 6834M GLA: M5526SA GLY: H 010/5; H 025/5 K.S: 87 205 600 OEM: 056.198.451A VAN: VPM92287	M 507U M 507L	3 Pairs	1-2-4	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0985 2.502		
	F5070U F5070L	1 Pair	3	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.9820 24.94	0.0985 2.502		
	M 507U	1 Pair	5	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0985 2.502		
MB5269AM STD/.25/.5/.75/1.0 <i>Regular components only. In all positions upper full groove ,lower partial groove.</i> GLY: H 084/5 K.S: 77 152 600 OEM: 026 198 491 VAN: VPM05027A	M 507U M 507L	5 Pairs	1-2-3-4-5	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0984 2.499		
MB5566AM STD/.25/.5/.75/1.0/1.25/1.5 <i>Regular components only. Position 1,2,3,5 upper full groove ,lower partial groove. position # 4 full groove.</i> ACL: 5M1644 CLE: MS-1824AL FMO: 6838M GLA: M5489SA GLY: H 027/5 VAN: VPM92526	M 507U M 507L	4 Pairs	1-2-3-5	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0984 2.499		
	M 507U	1 Pair	4	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0984 2.499		
TW2010AM STD/.10/.17/.20/.25/.5/.75/1.0 ACL: 2T1644 GLY: A 123/4 K.S: 78 635 600	W2010D W2010E	2 Pairs		2.3425/ 2.3520 59.500/ 59.741	2.8720/ 2.8819 72.949/ 73.200	0.0000 0.00	0.0770 1.956		
17	AKS L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	02/1988-07/2002	1595 cc	81.00 X 77.40	4 cyl				17
	AFY L4 109CI /1.8Liter, DOHC, 20 Valves, Gasoline	-	1781 cc	81.00 X 86.40	4 cyl				
CR4104CP STD/.25/.5/.75/1.0/1.25/1.5 <i>With 1.5 mm oil hole</i>	C4104	4 Pairs		1.8802/ 1.8810 47.757/ 47.777	1.9921/ 1.9929 50.599/ 50.620	0.7480 19.00	0.0553 1.405		
MB5269AM STD/.25/.5/.75/1.0 <i>Regular components only. In all positions upper full groove ,lower partial groove.</i> GLY: H 084/5 K.S: 77 152 600 OEM: 026 198 491 VAN: VPM05027A	M 507U M 507L	5 Pairs	1-2-3-4-5	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0984 2.499		
MB5566AM STD/.25/.5/.75/1.0/1.25/1.5 <i>Regular components only. Position 1,2,3,5 upper full groove ,lower partial groove. position # 4 full groove.</i> ACL: 5M1644 CLE: MS-1824AL FMO: 6838M GLA: M5489SA GLY: H 027/5 VAN: VPM92526	M 507U M 507L	4 Pairs	1-2-3-5	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0984 2.499		
	M 507U	1 Pair	4	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0984 2.499		
MB5661Sl STD/.25/.5/.75 K.S: 77 537 600	M5661U M5661L	5 Pairs		2.1245/ 2.1251 53.962/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7283 18.50	0.0987 2.507		
TW2010AM STD/.10/.17/.20/.25/.5/.75/1.0 ACL: 2T1644 GLY: A 123/4 K.S: 78 635 600	W2010D W2010E	2 Pairs		2.3425/ 2.3520 59.500/ 59.741	2.8720/ 2.8819 72.949/ 73.200	0.0000 0.00	0.0770 1.956		
18	ADR L4 109CI /1.8Liter, DOHC, 20 Valves, Gasoline	08/1996-11/2000	1781 cc	81.00 X 86.40	4 cyl	Golf,Passat,Corrado			18





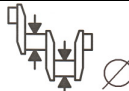
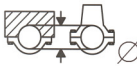


VOLKSWAGEN				VOLKSWAGEN			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
PG -							
CR4104AM STD/.25/.5/.75/1.0 <i>With 1.5 mm oil hole</i> ACL:4B1606 CLE:CB-1426P(4) FMO:4-4465P GLA:B4622LB/B4693LB GLY:71-3694/4 K.S:87 200 600 OEM:034 105 701 VAN:VPR91905	C4104	4 Pairs		1.8802/ 1.8810 47.757/ 47.777	1.9921/ 1.9929 50.599/ 50.620	0.7480 19.00	0.0553 1.405
MB5269AM STD/.25/.5/.75/1.0 <i>Regular components only.</i> <i>In all positions upper full groove ,lower partial groove.</i> GLY:H 084/5 K.S:77 152 600 OEM:026 198 491 VAN:VPM05027A	M 507U M 507L	5 Pairs	1-2-3-4-5	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0984 2.499
MB5566AM STD/.25/.5/.75/1.0/1.25/1.5 <i>Regular components only.</i> <i>Position 1,2,3,5 upper full groove ,lower partial groove.</i> <i>position # 4 full groove.</i> ACL:5M1644 CLE:MS-1824AL FMO:6838M GLA:M5489SA GLY:H 027/5 VAN:VPM92526	M 507U M 507L M 507U	4 Pairs 1 Pair	1-2-3-5 4	2.1243/ 2.1251 53.957/ 53.978 2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017 2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49 0.7280 18.49	0.0984 2.499 0.0984 2.499
TW2010AM STD/.10/.17/.20/.25/.5/.75/1.0 ACL:2T1644 GLY:A 123/4 K.S:78 635 600	W2010D W2010E	2 Pairs		2.3425/ 2.3520 59.500/ 59.741	2.8720/ 2.8819 72.949/ 73.200	0.0000 0.00	0.0770 1.956
19	ADZ L4 109CI /1.8Liter, SOHC/OHC, 8 Valves, Gasoline	02/1988-06/2002	1781 cc	81.00 X 86.40	4 cyl		19
CR4104AM STD/.25/.5/.75/1.0 ACL:4B1606 CLE:CB-1426P(4) FMO:4-4465P GLA:B4622LB/B4693LB GLY:71-3694/4 K.S:87 200 600 OEM:034 105 701 VAN:VPR91905	C4104	4 Pairs		1.8802/ 1.8810 47.757/ 47.777	1.9921/ 1.9929 50.599/ 50.620	0.7480 19.00	0.0553 1.405
MB5566AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:5M1644 CLE:MS-1824AL FMO:6838M GLA:M5489SA GLY:H 027/5 VAN:VPM92526	M 507U M 507L M 507U	4 Pairs 1 Pair	1-2-3-5 4	2.1243/ 2.1251 53.957/ 53.978 2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017 2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49 0.7280 18.49	0.0984 2.499 0.0984 2.499
MB5661S STD/.25/.5/.75 K.S:77 537 600	M5661U M5661L	5 Pairs		2.1245/ 2.1251 53.962/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7283 18.50	0.0987 2.507
20	AEH L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	10/1988-04/2000	1595 cc	81.00 X 77.40	4 cyl	BORA 1.6i, GLOF IV 1.6i, GOLF OOO 1.6i, POLO 1.6i	20
	AWH L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	01/1998-	1595 cc	81.00 X 77.40	4 cyl	BORA 1.6i, GLOF IV 1.6i, GOLF OOO 1.6i, POLO 1.6i	
	ARG L4 109CI /1.8Liter, DOHC, 20 Valves, Gasoline Turbocharge	05/1995-06/2006	1781 cc	81.00 X 86.40	4 cyl		
CR4104CP STD/.25/.5/.75/1.0/1.25/1.5	C4104	4 Pairs		1.8802/ 1.8810 47.757/ 47.777	1.9921/ 1.9929 50.599/ 50.620	0.7480 19.00	0.0553 1.405
MB5661S STD/.25/.5/.75 K.S:77 537 600	M5661U M5661L	5 Pairs		2.1245/ 2.1251 53.962/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7283 18.50	0.0987 2.507
TW1004AM <i>Under Development</i> K.S:79 221 600	W1004/1 W1004/2	1 Pair		2.3430/ 2.3520 59.512/ 59.741	2.8170/ 2.8270 71.552/ 71.806	0.0000 0.00	0.0974 2.474
21	AVC L4 109CI /1.8Liter, DOHC, 20 Valves, Gasoline Turbocharge	01/1998-	1781 cc	81.00 X 86.40	4 cyl		21
CR4104AM STD/.25/.5/.75/1.0 ACL:4B1606 CLE:CB-1426P(4) FMO:4-4465P GLA:B4622LB/B4693LB GLY:71-3694/4 K.S:87 200 600 OEM:034 105 701 VAN:VPR91905	C4104	4 Pairs		1.8802/ 1.8810 47.757/ 47.777	1.9921/ 1.9929 50.599/ 50.620	0.7480 19.00	0.0553 1.405
MB5269AM STD/.25/.5/.75/1.0 GLY:H 084/5 K.S:77 152 600 OEM:026 198 491 VAN:VPM05027A	M 507U M 507L	5 Pairs	1-2-3-4-5	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0984 2.499
TW2010AM STD/.10/.17/.20/.25/.5/.75/1.0 ACL:2T1644 GLY:A 123/4 K.S:78 635 600	W2010D W2010E	2 Pairs		2.3425/ 2.3520 59.500/ 59.741	2.8720/ 2.8819 72.949/ 73.200	0.0000 0.00	0.0770 1.956

VOLKSWAGEN				VOLKSWAGEN				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
22	EW L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	04/1974-02/2002	1595 cc	81.00 X 77.40	4 cyl		22	
	PL L4 108CI /1.8Liter, DOHC, 16 Valves, Gasoline	08/1980-12/1992	1781 cc	81.00 X 86.40	4 cyl			
	EV L4 108CI /1.8Liter, SOHC/OHC, 8 Valves, Gasoline	04/1974-08/1993	1781 cc	81.00 X 86.40	4 cyl			
	GU L4 108CI /1.8Liter, SOHC/OHC, 8 Valves, Gasoline	08/1983-12/1992	1781 cc	81.00 X 86.40	4 cyl			
	GX L4 108CI /1.8Liter, SOHC/OHC, 8 Valves, Gasoline	08/1980-12/1992	1781 cc	81.00 X 86.40	4 cyl			
	EX L4 108CI /1.8Liter, SOHC/OHC, 8 Valves, Gasoline	01/1979-07/1994	1781 cc	81.00 X 86.40	4 cyl			
	RP L4 108CI /1.8Liter, SOHC/OHC, 8 Valves, Gasoline	10/1988-04/2000	1781 cc	81.00 X 86.40	4 cyl			
CR4104CP STD/.25/.5/.75/1.0/1.25/1.5	C4104	4 Pairs		1.8802/ 1.8810 47.757/ 47.777	1.9921/ 1.9929 50.599/ 50.620	0.7480 19.00	0.0553 1.405	
MB5070AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:5M1645 CLE:MS-1659P FMO:6834M GLA:M5526SA GLY:H 010/5;H 025/5 K.S:87 205 600 OEM:056.198.451A VAN:VPM92287	M 507U M 507L	3 Pairs	1-2-4	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0985 2.502	
	F5070U F5070L	1 Pair	3	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.9820 24.94	0.0985 2.502	
	M 507U	1 Pair	5	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0985 2.502	
MB5566AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:5M1644 CLE:MS-1824AL FMO:6838M GLA:M5489SA GLY:H 027/5 VAN:VPM92526	M 507U M 507L	4 Pairs	1-2-3-5	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0984 2.499	
	M 507U	1 Pair	4	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0984 2.499	
TW2010AM STD/.10/.17/.20/.25/.5/.75/1.0 ACL:2T1644 GLY:A 123/4 K.S:78 635 600	W2010D W2010E	2 Pairs		2.3425/ 2.3520 59.500/ 59.741	2.8720/ 2.8819 72.949/ 73.200	0.0000 0.00	0.0770 1.956	
23	AHU L4 116CI /1.9Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	02/1988-03/2010	1896 cc	79.50 X 95.50	4 cyl		23	
	ABL L4 116CI /1.9Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	07/1990-01/2004	1896 cc	79.50 X 95.50	4 cyl			
	AHH L4 116CI /1.9Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	08/1996-11/2000	1896 cc	79.50 X 95.50	4 cyl			
	AGR L4 116CI /1.9Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	05/2001-07/2009	1896 cc	79.50 X 95.50	4 cyl			
CR4182AM STD <i>SUPERSEDED BY CR4182CP</i> GLY:71-3728/4~	C4182	4 Pairs		1.8802/ 1.8810 47.757/ 47.777	1.9921/ 1.9929 50.599/ 50.620	0.7874 20.00	0.0554 1.407	
MB5269AM STD/.25/.5/.75/1.0 <i>Regular components only. In all positions upper full groove ,lower partial groove.</i> GLY:H 084/5 K.S:77 152 600 OEM:026 198 491 VAN:VPM05027A	M 507U M 507L	5 Pairs	1-2-3-4-5	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0984 2.499	
MB5566AM STD/.25/.5/.75/1.0/1.25/1.5 <i>Regular components only. Position 1,2,3,5 upper full groove ,lower partial groove. position # 4 full groove.</i> ACL:5M1644 CLE:MS-1824AL FMO:6838M GLA:M5489SA	M 507U M 507L	4 Pairs	1-2-3-5	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0984 2.499	
	M 507U	1 Pair	4	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0984 2.499	

VOLKSWAGEN				VOLKSWAGEN					
									
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
GLY:H 027/5 VAN:VPM92526									
24	ARL L4 116Cl /1.9Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	08/1997-06/2006	1896 cc	79.50 X 95.50	4 cyl	Bora 1.9 TDI, Golf IV 1.9 TDI	24		
	ASZ L4 116Cl /1.9Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	05/1995-03/2010	1896 cc	79.50 X 95.50	4 cyl	Bora 1.9 TDI, Golf IV 1.9 TDI, Polo 1.9 TDI, Sharan 1.9 TDI			
	AWX L4 116Cl /1.9Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	11/2000-08/2005	1896 cc	79.50 X 95.50	4 cyl				
	BLT L4 116Cl /1.9Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	10/2001-	1896 cc	79.50 X 95.50	4 cyl	Polo 1.9 TDI			
CS 543S STD <i>Under Development</i> Contains 10 Pcs of the same half shell (OE shell No. 038 103 673 B GLB) 5 camshaft pins for 4 Cyl. 2V (8V) engines with 1 Camshaft. Used in engines: ARL, ASZ, AXB, AXC.	S 543U S 543L	5		1.1393/ 1.1402 28.938/ 28.961	1.2598/ 1.2608 31.999/ 32.024	0.9842 25.00	0.0595 1.511		
MB5337S STD/.25/.5/.75/1.0 GLY:H 079/5 K.S:77 553 600	M5337U M5337L	5 Pairs	1-5	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3233 58.999/ 59.012	0.7283 18.50	0.0985 2.502		
TW2010A STD/.10/.17/.20/.25/.5/.75/1.0 ACL:2T1644 GLY:A 123/4 K.S:78 635 600	W2010D W2010E	2 Pairs		2.3425/ 2.3520 59.500/ 59.741	2.8720/ 2.8819 72.949/ 73.200	0.0000 0.00	0.0770 1.956		
25	AJM L4 116Cl /1.9Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	08/1996-06/2006	1896 cc	79.50 X 95.50	4 cyl		25		
	CR4253XA STD/.25/.5/.75/1.0 GLY:71-3904 K.S:77 554 600	C4253U C4253L	4 Pairs		1.8802/ 1.8810 47.757/ 47.777	1.9921/ 1.9926 50.599/ 50.612		0.7874 20.00	0.0554 1.407
	MB5269A STD/.25/.5/.75/1.0 GLY:H 084/5 K.S:77 152 600 OEM:026 198 491 VAN:VPM05027A	M 507U M 507L	5 Pairs	1-2-3-4-5	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017		0.7280 18.49	0.0984 2.499
26	AEY L4 116Cl /1.9Liter, SOHC/OHC, 8 Valves, Diesel	08/1991-01/2004	1896 cc	79.50 X 95.50	4 cyl		26		
	CR4182CP STD/.25/.5/.75/1.0 GLY:71-3728/4 K.S:77 213 600 VAN:VPR04036	C4182	4 Pairs		1.8802/ 1.8810 47.757/ 47.777	1.9921/ 1.9929 50.599/ 50.620		0.7874 20.00	0.0554 1.407
	MB5269A STD/.25/.5/.75/1.0 GLY:H 084/5 K.S:77 152 600 OEM:026 198 491 VAN:VPM05027A	M 507U M 507L	5 Pairs	1-2-3-4-5	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017		0.7280 18.49	0.0984 2.499
27	RA L4 97Cl /1.6Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	08/1980-06/1997	1588 cc	76.50 X 86.40	4 cyl		27		
	1Y L4 116Cl /1.9Liter, SOHC/OHC, 8 Valves, Diesel	02/1988-01/2004	1896 cc	79.50 X 95.50	4 cyl				
CR 437A STD/.25/.5/.75/1.0/1.25/1.5 ACL:4B1076 CLE:CB-1178P(4) FMO:4-68150CP GLA:B4743SA GLY:71-3442/4~ VAN:VPR92290A	C 437	4 Pairs		1.8802/ 1.8810 47.757/ 47.777	1.9921/ 1.9929 50.599/ 50.620	0.7480 19.00	0.0553 1.405		
MB5269A STD/.25/.5/.75/1.0 GLY:H 084/5 K.S:77 152 600 OEM:026 198 491 VAN:VPM05027A	M 507U M 507L	5 Pairs	1-2-3-4-5	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0984 2.499		
MB5566A STD/.25/.5/.75/1.0/1.25/1.5 ACL:5M1644 CLE:MS-1824AL FMO:6838M GLA:M5489SA GLY:H 027/5 VAN:VPM92526	M 507U M 507L	4 Pairs	1-2-3-5	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0984 2.499		
	M 507U	1 Pair	4	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0984 2.499		
28	AKU L4 105Cl /1.8Liter, SOHC/OHC, 8 Valves, Diesel	09/1994-07/2005	1716 cc	79.50 X 86.40	4 cyl		28		
	AQM L4 116Cl /1.9Liter,	11/1995-	1896 cc	79.50 X 95.50	4 cyl				

VOLKSWAGEN					VOLKSWAGEN						
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness				
SOHC/OHC, 8 Valves, Diesel					06/2006						
CR 437AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:4B1076 CLE:CB-1178P(4) FMO:4-68150CP GLA:B4743SA GLY:71-3442/4~ VAN:VPR92290A	C 437	4 Pairs		1.8802/ 1.8810 47.757/ 47.777	1.9921/ 1.9929 50.599/ 50.620	0.7480 19.00	0.0553 1.405				
MB5269AM STD/.25/.5/.75/1.0 GLY:H 084/5 K.S:77 152 600 OEM:026 198 491 VAN:VPM05027A	M 507U M 507L	5 Pairs	1-2-3-4-5	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0984 2.499				
TW2010AM STD/.10/.17/.20/.25/.5/.75/1.0 ACL:2T1644 GLY:A 123/4 K.S:78 635 600	W2010D W2010E	2 Pairs		2.3425/ 2.3520 59.500/ 59.741	2.8720/ 2.8819 72.949/ 73.200	0.0000 0.00	0.0770 1.956				
29	WN L5 117CI /2.0Liter, SOHC/OHC, 10 Valves, Gasoline	08/1980-06/1989	1921 cc	79.50 X 77.40	5 cyl				29		
CR 501AM STD/.25/.5/.75/1.0/1.5 ACL:5B1636 CLE:CB-1017AL(5) FMO:5-68095CP GLA:B5011SA GLY:71-3084/5 K.S:87 455 600 VAN:VPR91947	C 411	5 Pairs		1.8086/ 1.8094 45.938/ 45.959	1.9291/ 1.9297 48.999/ 49.014	0.7480 19.00	0.0593 1.506				
TW2009AM STD/.25/.5/.75/1.0 FMO:68156BF GLY:A 124/4 K.S:78 639 600 VAN:VPM95170	W2009D W2009E	2 Pairs		0.0000/ 2.5000 0.000/ 63.500	0.0000/ 3.0394 0.000/ 77.201	0.0000 0.00	0.0780 1.981				
30	BKD L4 120CI /2.0Liter, DOHC, 16 Valves, Diesel Turbocharge	02/2003-	1968 cc	81.00 X 95.50	4 cyl				30		
	CBDA L4 120CI /2.0Liter, DOHC, 16 Valves, Diesel Turbocharge	10/2003-	1968 cc	81.00 X 95.50	4 cyl						
MB5337SI STD/.25/.5/.75/1.0 GLY:H 079/5 K.S:77 553 600	M5337U M5337L	5 Pairs	1-5	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3233 58.999/ 59.012	0.7283 18.50	0.0985 2.502				
TW2010AM STD/.10/.17/.20/.25/.5/.75/1.0 ACL:2T1644 GLY:A 123/4 K.S:78 635 600	W2010D W2010E	2 Pairs		2.3425/ 2.3520 59.500/ 59.741	2.8720/ 2.8819 72.949/ 73.200	0.0000 0.00	0.0770 1.956				
31	BVK L4 116CI /1.9Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	05/1995-03/2010	1896 cc	79.50 X 95.50	4 cyl				31		
	AXR L4 116CI /1.9Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	08/1997-06/2006	1896 cc	79.50 X 95.50	4 cyl						
	BEW L4 116CI /1.9Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	01/1998-	1896 cc	79.50 X 95.50	4 cyl						
	BST L4 120CI /2.0Liter, SOHC/OHC, 8 Valves, Diesel	03/2004-	1968 cc	81.00 X 95.50	4 cyl						
	BDK L4 120CI /2.0Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	10/2003-	1968 cc	81.00 X 95.50	4 cyl						
CR4253XA STD/.25/.5/.75/1.0 GLY:71-3904 K.S:77 554 600	C4253U C4253L	4 Pairs		1.8802/ 1.8810 47.757/ 47.777	1.9921/ 1.9926 50.599/ 50.612	0.7874 20.00	0.0554 1.407				
MB5337SI STD/.25/.5/.75/1.0 GLY:H 079/5 K.S:77 553 600	M5337U M5337L	5 Pairs	1-5	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3233 58.999/ 59.012	0.7283 18.50	0.0985 2.502				
TW2010AM STD/.10/.17/.20/.25/.5/.75/1.0 ACL:2T1644 GLY:A 123/4 K.S:78 635 600	W2010D W2010E	2 Pairs		2.3425/ 2.3520 59.500/ 59.741	2.8720/ 2.8819 72.949/ 73.200	0.0000 0.00	0.0770 1.956				
32	BMM L4 120CI /2.0Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	02/2003-10/2010	1968 cc	81.00 X 95.50	4 cyl				32		
	BRT L4 120CI /2.0Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	05/1995-03/2010	1968 cc	81.00 X 95.50	4 cyl						
	BGW L4 120CI /2.0Liter, SOHC/OHC, 8 Valves, Diesel Turbocharge	11/2000-08/2005	1968 cc	81.00 X 95.50	4 cyl						

VOLKSWAGEN				VOLKSWAGEN			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
CBBB L4 120CI /2.0Liter, DOHC, 16 Valves, Diesel Turbocharge	03/2005-	1968 cc	81.00 X 95.50	4 cyl			
AZV L4 120CI /2.0Liter, DOHC, 16 Valves, Diesel Turbocharge	02/2003-	1968 cc	81.00 X 95.50	4 cyl			
CS 543AM STD <i>Contains 10 Pcs of the same half shell (OE shell No. 038 103 673 B GLB) 5 camshaft pins for 4 Cyl. 2V (8V) engines with 1 Camshaft. Used in engine: BGW</i> GLY:N147/5	S 543U S 543L	5		1.1393/ 1.1402 28.938/ 28.961	1.2598/ 1.2608 31.999/ 32.024	0.9842 25.00	0.0595 1.511
MB5337SI STD/.25/.5/.75/1.0 GLY:H 079/5 K.S:77 553 600	M5337U M5337L	5 Pairs	1-5	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3233 58.999/ 59.012	0.7283 18.50	0.0985 2.502
TW2010AM STD/.10/.17/.20/.25/.5/.75/1.0 ACL:2T1644 GLY:A 123/4 K.S:78 635 600	W2010D W2010E	2 Pairs		2.3425/ 2.3520 59.500/ 59.741	2.8720/ 2.8819 72.949/ 73.200	0.0000 0.00	0.0770 1.956
33 CH L4 121CI /2.0Liter, SOHC/OHC, 8 Valves, Gasoline	04/1975- 06/1996	1984 cc	86.50 X 84.40	4 cyl	LT 28,31,35,40,45		33
CR4155AM CLE:CB-1144P(4) GLA:B4593LB/SA GLY:71-3332/4 K.S:87 453 600 VAN:VPR92141	C4155	4 Pairs		1.8878/ 1.8886 47.950/ 47.970	2.0315/ 2.0322 51.600/ 51.618	0.8268 21.00	0.0711 1.806
MB 508AM STD/.25/.75/1.0 -1976 CLE:MS-1035AL FMO:6830M GLA:M5285LC/M5534LC GLY:H 811/5 K.S:87 973 600	M 508U M 508L	4 Pairs	1-2-4-5	2.3602/ 2.3610 59.949/ 59.969	2.5197/ 2.5204 64.000/ 64.018	0.8270 21.01	0.0789 2.004
	F 508U F 508L	1 Pair	3	2.3602/ 2.3610 59.949/ 59.969	2.5197/ 2.5204 64.000/ 64.018	1.0980 27.89	0.0789 2.004
MB5248AM 1976 - CLE:MS-1433AL GLA:M5536SA GLY:H 937/5 K.S:87 452 600 VAN:VPM92582A	M5248U M5248L	4 Pairs	1-2-4-5	2.5177/ 2.5185 63.950/ 63.970	2.6772/ 2.6779 68.001/ 68.019	0.8268 21.00	0.0789 2.004
	F5248	1 Pair	3	2.5177/ 2.5185 63.950/ 63.970	2.6772/ 2.6779 68.001/ 68.019	1.0984 27.90	0.0789 2.004
34 APT L4 109CI /1.8Liter, DOHC, 20 Valves, Gasoline AWC -	08/1996- 06/2006	1781 cc	81.00 X 86.40	4 cyl	BORA 1.8i 16V, GOLF IV 1.8i 16V, PASSAT 1.8i 20V, SAHARAN 1.8i TURBO 20V		34
ANB L4 109CI /1.8Liter, DOHC, 20 Valves, Gasoline Turbocharge	08/1996- 11/2000	1781 cc	81.00 X 86.40	4 cyl	BORA 1.8i 16V, GOLF IV 1.8i 16V, PASSAT 1.8i 20V, SAHARAN 1.8i TURBO 20V		
ASU L4 121CI /2.0Liter, SOHC/OHC, 8 Valves, Gasoline AZG -08.2000- AZH -04.2000-06.2001 AZJ -05.2001- AZM -10.2000-05.2005 BBX -04.2002- BDC -01.2003-06.2006 BEJ -06.2001- BER -01.2003- BEV -06.2003- BGD -07.2003- BHP -06.2003-	08/1996- 11/2000	1984 cc	82.50 X 92.80	4 cyl			
AQY L4 121CI /2.0Liter, SOHC/OHC, 8 Valves, Gasoline	08/1997- 06/2006	1984 cc	82.50 X 92.80	4 cyl			
AEG L4 121CI /2.0Liter, SOHC/OHC, 8 Valves, Gasoline	01/1998-	1984 cc	82.50 X 92.80	4 cyl			
APK L4 121CI /2.0Liter, SOHC/OHC, 8 Valves, Gasoline	05/2001- 07/2009	1984 cc	82.50 X 92.80	4 cyl			
BHY L4 121CI /2.0Liter, SOHC/OHC, 8 Valves, Gasoline	10/2003-	1984 cc	82.50 X 92.80	4 cyl			
CR4104CP STD/.25/.5/.75/1.0/1.25/1.5	C4104	4 Pairs		1.8802/ 1.8810 47.757/ 47.777	1.9921/ 1.9929 50.599/ 50.620	0.7480 19.00	0.0553 1.405

VOLKSWAGEN				VOLKSWAGEN				
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness	
MB5661SI STD/.25/.5/.75 K.S.:77 537 600	M5661U M5661L	5 Pairs		2.1245/ 2.1251 53.962/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7283 18.50	0.0987 2.507	
TW2010AM STD/.10/.17/.20/.25/.5/.75/1.0 ACL:2T1644 GLY:A 123/4 K.S.:78 635 600	W2010D W2010E	2 Pairs		2.3425/ 2.3520 59.500/ 59.741	2.8720/ 2.8819 72.949/ 73.200	0.0000 0.00	0.0770 1.956	
35	AWV L4 109CI /1.8Liter, DOHC, 20 Valves, Gasoline Turbocharge AWV, BBU, BJX, -	01/1998-	1781 cc	81.00 X 86.40	4 cyl	BORA 1.8i TURBO 20V, BORA 1.8i TURBO 20V, JETTA 1.8i TURBO 20V, NEW BEETLE 1.8i T 20V, POLO 1.8i TURBO 20V	35	
	AUM L4 109CI /1.8Liter, DOHC, 20 Valves, Gasoline Turbocharge	08/1997-06/2006	1781 cc	81.00 X 86.40	4 cyl	BORA 1.8i TURBO 20V, GOLF IV 1.8i TURBO 20V		
	AWT L4 109CI /1.8Liter, DOHC, 20 Valves, Gasoline Turbocharge	11/2000-08/2005	1781 cc	81.00 X 86.40	4 cyl	PASSAT 1.8i TURBO 20V		
	BBU L4 109CI /1.8Liter, DOHC, 20 Valves, Gasoline Turbocharge	10/2001-	1781 cc	81.00 X 86.40	4 cyl	BORA 1.8i TURBO 20V, GOLF IV 1.8i TURBO 20V		
	ALT L4 121CI /2.0Liter, DOHC, 20 Valves, Gasoline	11/2000-08/2005	1984 cc	82.50 X 92.80	4 cyl			
	AXW L4 121CI /2.0Liter, DOHC, 16 Valves, Gasoline	02/2003-	1984 cc	82.50 X 92.80	4 cyl			
	AZH L4 121CI /2.0Liter, SOHC/OHC, 8 Valves, Gasoline	08/1997-06/2006	1984 cc	82.50 X 92.80	4 cyl			
	BHP L4 121CI /2.0Liter, SOHC/OHC, 8 Valves, Gasoline	01/1998-	1984 cc	82.50 X 92.80	4 cyl			
	AZM L4 121CI /2.0Liter, SOHC/OHC, 8 Valves, Gasoline	11/2000-08/2005	1984 cc	82.50 X 92.80	4 cyl			
	BPY L4 121CI /2.0Liter, DOHC, 16 Valves, Gasoline Turbocharge	10/2003-10/2010	1984 cc	82.50 X 92.80	4 cyl			
CR4250CA STD/.25/.5/.75/1.0 GLY:71-3929/4 K.S.:77 581 600 VAN:VPR04041	C4250U C4250L	4 Pairs		1.8802/ 1.8810 47.757/ 47.777	1.9921/ 1.9926 50.599/ 50.612	0.7480 19.00	0.0554 1.407	
MB5661SI STD/.25/.5/.75 K.S.:77 537 600	M5661U M5661L	5 Pairs		2.1245/ 2.1251 53.962/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7283 18.50	0.0987 2.507	
TW2010AM STD/.10/.17/.20/.25/.5/.75/1.0 ACL:2T1644 GLY:A 123/4 K.S.:78 635 600	W2010D W2010E	2 Pairs		2.3425/ 2.3520 59.500/ 59.741	2.8720/ 2.8819 72.949/ 73.200	0.0000 0.00	0.0770 1.956	
36	1F L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	07/1982-01/2004	1595 cc	81.00 X 77.40	4 cyl		36	
	ADP L4 97CI /1.6Liter, SOHC/OHC, 8 Valves, Gasoline	08/1996-11/2000	1595 cc	81.00 X 77.40	4 cyl			
	AJH L4 108CI /1.8Liter, DOHC, 20 Valves, Gasoline Turbocharge	05/1995-03/2010	1781 cc	81.00 X 86.40	4 cyl			
	ACC L4 108CI /1.8Liter, SOHC/OHC, 8 Valves, Diesel	08/1991-06/2005	1781 cc	81.00 X 86.40	4 cyl			
	PG L4 108CI /1.8Liter, SOHC/OHC, 8 Valves, Gasoline Supercharged	08/1983-06/1997	1781 cc	81.00 X 86.40	4 cyl			
	9A L4 121CI /2.0Liter, DOHC, 16 Valves, Gasoline	01/1984-06/1997	1984 cc	82.50 X 92.80	4 cyl			
	ABF L4 121CI /2.0Liter, DOHC, 16 Valves, Gasoline	02/1988-03/2010	1984 cc	82.50 X 92.80	4 cyl			
	ADY L4 121CI /2.0Liter, SOHC/OHC, 8 Valves, Gasoline	08/1987-03/2010	1984 cc	82.50 X 92.80	4 cyl			
CR4104CP STD/.25/.5/.75/1.0/1.25/1.5	C4104	4 Pairs		1.8802/ 1.8810 47.757/ 47.777	1.9921/ 1.9929 50.599/ 50.620	0.7480 19.00	0.0553 1.405	
MB5566AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:5M1644 CLE:MS-1824AL	M 507U M 507L	4 Pairs	1-2-3-5	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0984 2.499	

VOLKSWAGEN				VOLKSWAGEN				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
FMO:6838M GLY:H 027/5	GLA:M5489SA VAN:VPM92526	M 507U	1 Pair	4	2.1243/ 2.1251 53.957/ 53.978	2.3228/ 2.3235 58.999/ 59.017	0.7280 18.49	0.0984 2.499
TW2010AM STD/.10/.17/.20/.25/.5/.75/1.0 ACL:2T1644 K.S:78 635 600	GLY:A 123/4	W2010D W2010E	2 Pairs		2.3425/ 2.3520 59.500/ 59.741	2.8720/ 2.8819 72.949/ 73.200	0.0000 0.00	0.0770 1.956
37	AQN V5 142CI /2.4Liter, DOHC, 20 Valves, Gasoline AGZ -	08/1997-06/2006	2324 cc	81.00 X 90.20	5 cyl	Golf,Passat,Bora, VR5		37
CR 517AM GLY:01-3841/5	C6764	5 Pairs			2.1243/ 2.1251 53.957/ 53.978	2.2362/ 2.2370 56.799/ 56.820	0.6693 17.00	0.0554 1.407
MB 622AM GLY:H 035/6	VAN:VPM06005A	M7089U M7089L	6 Pairs	1-6	2.3606/ 2.3613 59.959/ 59.977	2.5591/ 2.5594 65.001/ 65.009	0.6693 17.00	0.0984 2.499
38	1E L6 145CI /2.4Liter, SOHC/OHC, 12 Valves, Gasoline	04/1975-06/1996	2383 cc	76.50 X 86.40	6 cyl			38
	ACT L6 145CI /2.4Liter, SOHC/OHC, 12 Valves, Diesel	04/1975-06/1996	2383 cc	76.50 X 86.40	6 cyl			
	DV L6 145CI /2.4Liter, SOHC/OHC, 12 Valves, Diesel Turbocharge	04/1975-06/1996	2383 cc	76.50 X 86.40	6 cyl			
CR6617AM STD/.25/.5/.75/1.0/1.5 ACL:6B9501 FMO:6-68150CP	CLE:CB-1178AL (6) GLY:71-3442/6	C 437	6 Pairs		1.8802/ 1.8810 47.757/ 47.777	1.9921/ 1.9929 50.599/ 50.620	0.7480 19.00	0.0553 1.405
MB 776AM STD/.25/.5/.75/1.0 With flange bearing. Flange length: STD - 24.94mm 0.25,0.5,0.75,1.0 - 25.04mm (Fl oversize 0.1mm) ACL:7M9502 GLA:M7393SA K.S:87 460 600	CLE:MS-1490 GLY:H 941/7 VAN:VPM91930	M 601U M 601L	6 Pairs	1-2-3-5-6-7	2.2818/ 2.2826 57.958/ 57.978	2.4803/ 2.4810 63.000/ 63.017	0.7283 18.50	0.0985 2.502
	F 601U F 601L	1 Pair		4	2.2818/ 2.2826 57.958/ 57.978	2.4803/ 2.4810 63.000/ 63.017	0.9815 24.93	0.0985 2.502
MB7001AM STD/.25/.5 Without flanged components. CLE:MS-1772P GLY:H 981/7 VAN:VPM92293	GLA:M7464LB K.S:87 414 600	M 601U M 601L	7 Pairs	1-7	2.2818/ 2.2826 57.958/ 57.978	2.4803/ 2.4810 63.000/ 63.017	0.7283 18.50	0.0985 2.502
TW2009AM STD/.25/.5/.75/1.0 FMO:68156BF K.S:78 639 600	GLY:A 124/4 VAN:VPM95170	W2009D W2009E	2 Pairs		0.0000/ 2.5000 0.000/ 63.500	0.0000/ 3.0394 0.000/ 77.201	0.0000 0.00	0.0780 1.981
39	AAB L5 145CI /2.4Liter, SOHC/OHC, 10 Valves, Diesel AAB -	07/1990-04/2003	2370 cc	79.50 X 95.50	5 cyl	T 4 Transporter		39
	AEU L5 150CI /2.5Liter, SOHC/OHC, 10 Valves, Gasoline ACV,AGX,AHD -	07/1990-04/2003	2461 cc	81.00 X 95.50	5 cyl	Caravelle, L 35 Sdi, Lt 35/46/Transp. TDI, Multivan		
CR 502AM STD/.25/.5/.75/1.0/1.5 Without Oil holes For Petrol & Diesel engines. ACL:5B1076 FMO:5-68150CP K.S:87 463 600	CLE:CB-1162 (5) GLA:B5010LB~	C 437	5 Pairs		1.8802/ 1.8810 47.757/ 47.777	1.9921/ 1.9929 50.599/ 50.620	0.7480 19.00	0.0554 1.407
MB 605AM STD/.25/.5/.75/1.0 CLE:MS-1489P GLY:H 981/6 OEM:034 198 491 D	GLA:M6056LB K.S:87 454 600 VAN:VPM92292	M 601U M 601L	6 Pairs	1-6	2.2818/ 2.2826 57.958/ 57.978	2.4803/ 2.4810 63.000/ 63.017	0.7283 18.50	0.0985 2.502
TW2009AM STD/.25/.5/.75/1.0 FMO:68156BF K.S:78 639 600	GLY:A 124/4 VAN:VPM95170	W2009D W2009E	2 Pairs		0.0000/ 2.5000 0.000/ 63.500	0.0000/ 3.0394 0.000/ 77.201	0.0000 0.00	0.0780 1.981
40	HP L5 122CI /2.0Liter, SOHC/OHC, 10 Valves, Gasoline	08/1980-06/1989	1994 cc	81.00 X 77.40	5 cyl			40
	JS L5 122CI /2.0Liter, SOHC/OHC, 10 Valves, Gasoline	08/1980-06/1989	1994 cc	81.00 X 77.40	5 cyl			
	KV L4 136CI /2.3Liter, SOHC/OHC, 10 Valves, Gasoline	08/1980-06/1989	2226 cc	81.00 X 86.40	4 cyl			

VOLKSWAGEN					VOLKSWAGEN				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness		
JT L4 136CI /2.3Liter, SOHC/OHC, 10 Valves, Gasoline	08/1980-06/1989	2226 cc	81.00 X 86.40	4 cyl					
ACU L5 150CI /2.5Liter, SOHC/OHC, 10 Valves, Gasoline	07/1990-04/2003	2461 cc	81.00 X 95.50	5 cyl					
APL L5 150CI /2.5Liter, SOHC/OHC, 10 Valves, Gasoline	07/1990-04/2003	2461 cc	81.00 X 95.50	5 cyl					
CR 505AM STD/.25/.5/.75/1.0 CLE:CB-1162/1426P (5) FMO:5-4465P GLA:B5010LB/B5015LB GLY:71-3694/5 K.S:77 206 600 VAN:VPR91910	C4104	5 Pairs		1.8802/ 1.8810 47.757/ 47.777	1.9921/ 1.9929 50.599/ 50.620	0.7480 19.00	0.0553 1.405		
MB 605AM STD/.25/.5/.75/1.0 CLE:MS-1489P GLA:M6056LB GLY:H 981/6 K.S:87 454 600 OEM:034 198 491 D VAN:VPM92292	M 601U M 601L	6 Pairs	1-6	2.2818/ 2.2826 57.958/ 57.978	2.4803/ 2.4810 63.000/ 63.017	0.7283 18.50	0.0985 2.502		
41 CG L4 165CI /2.7Liter, SOHC/OHC, 8 Valves, Diesel	-	2710 cc	92.00 X 101.60	4 cyl	Transporter LT 28D,31D,35D			41	
CR4077AM STD/.25/.5/.75 FMO:4-8140RA GLA:B4562SA VAN:VPR91563A	C4077	4 Pairs		2.2020/ 2.2025 55.931/ 55.944	2.3622/ 2.3627 60.000/ 60.013	1.0972 27.87	0.0790 2.007		
MB 594AM FMO:8142M GLA:M5333SA VAN:VPM91564A	M 594	5 Pairs	1-5	2.7913/ 2.7919 70.899/ 70.914	2.9528/ 2.9535 75.001/ 75.019	1.0972 27.87	0.0791 2.009		
42 ATA L4 171CI /2.8Liter, SOHC/OHC, 12 Valves, Diesel Turbocharge	04/1996-07/2006	2799 cc	93.00 X 103.00	4 cyl	LT 28D			42	
CR1610CP STD/.25/.5/.75 1 PAIR VERSION OF CR4355CP	C4355	1 Pair		2.1646/ 2.1654 54.981/ 55.001	2.3228/ 2.3236 58.999/ 59.019	1.0960 27.84	0.0780 1.981		
CR4355CP STD/.25/.5/.75/1.0	C4355	4 Pairs		2.1646/ 2.1654 54.981/ 55.001	2.3228/ 2.3236 58.999/ 59.019	1.0960 27.84	0.0780 1.981		
MB1246CP STD/.25/.5/.75/1.0 1 PAIR VERSION OF MB5633CP	M5633U M5633L	1 Pair		2.7552/ 2.7559 69.982/ 70.000	2.9528/ 2.9535 75.001/ 75.019	0.8820 22.40	0.0980 2.489		
MB5633CP STD/.25/.5/.75/1.0	M5633U M5633L	5 Pairs		2.7552/ 2.7559 69.982/ 70.000	2.9528/ 2.9535 75.001/ 75.019	0.8820 22.40	0.0980 2.489		
43 AUE V6 170CI /2.8Liter, DOHC, 24 Valves, Gasoline	08/1997-06/2006	2792 cc	81.00 X 90.30	6 cyl				43	
AES V6 170CI /2.8Liter, SOHC/OHC, 12 Valves, Gasoline	07/1990-04/2003	2792 cc	81.00 X 90.30	6 cyl					
ABV V6 175CI /2.9Liter, DOHC, 12 Valves, Gasoline	08/1987-04/1999	2861 cc	82.00 X 90.30	6 cyl					
CR6764AM STD/.25/.5/.75 CLE:CB-1824AL (6) FMO:6-4525P GLY:01-3841/6 VAN:VPR06029A	C6764	6 Pairs		2.1243/ 2.1251 53.957/ 53.978	2.2362/ 2.2370 56.799/ 56.820	0.6693 17.00	0.0554 1.407		
MB7089AM STD/.25/.5/.75 CLE:MS-2229AL FMO:7304M GLY:H 035/7 VAN:VPM07017A	M7089U M7089L	7 Pairs	1-7	2.3606/ 2.3613 59.959/ 59.977	2.5591/ 2.5594 65.001/ 65.009	0.6693 17.00	0.0984 2.499		

Engine Index: VOLKSWAGEN PERFORMANCE

Engine-Code	Years	Cyl	CC	Line
VR6		0	0	1
1.8		4	1780	2

Engine-Code	Years	Cyl	CC	Line
1.8 TURBO		4	1781	2
2.0		4	1984	2

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Car Model Index: VOLKSWAGEN PERFORMANCE

Model	Engine	Years	Cyl	CC	Line
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VOLKSWAGEN PERFORMANCE				VOLKSWAGEN PERFORMANCE			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	VR6			0 cyl			1
CR6764XP _{STD/.25/.5}	C6764-PR	6 Pairs		2.1243/ 2.1251 53.957/ 53.978	2.2362/ 2.2370 56.799/ 56.820	0.6693 17.00	0.0554 1.407
MB7089XP _{STD/.25/.5}	M7089U-PR M7089L-PR	7 Pairs	1-7	2.3606/ 2.3613 59.959/ 59.977	2.5591/ 2.5594 65.001/ 65.009	0.6693 17.00	0.0984 2.499
2	1.8		1780 cc	81.00 X 86.40	4 cyl		2
	1.8 TURBO		1781 cc	81.00 X 86.40	4 cyl		
	2.0		1984 cc	82.50 X 92.80	4 cyl		
CR4104XP _{STD/.25/.5}	C4104-PR	4 Pairs		1.8802/ 1.8810 47.757/ 47.777	1.9921/ 1.9929 50.599/ 50.620	0.7480 19.00	0.0553 1.405
ACL:4B1606H OEM:034 105 701B40Z							
TW2010AM _{STD/.10/.17/.20/.25/.5/.75/1.0}	W2010D W2010E	2 Pairs		2.3425/ 2.3520 59.500/ 59.741	2.8720/ 2.8819 72.949/ 73.200	0.0000 0.00	0.0770 1.956
ACL:2T1644 K.S:78 635 600 GLY:A 123/4							

Engine Index: VOLKSWAGEN/MAN

Engine-Code	Years	Cyl	CC	Line
D 0224		4	3790	1
D 0226	1980-	6	5684	2

Engine-Code	Years	Cyl	CC	Line
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Car Model Index: VOLKSWAGEN/MAN

Model	Engine	Years	Cyl	CC	Line
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VOLKSWAGEN/MAN				VOLKSWAGEN/MAN			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1	D 0224		3790 cc	102.00 X 116.00	4 cyl		1

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CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

VOLKSWAGEN/MAN				VOLKSWAGEN/MAN				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
CR4214CP <i>Under Development</i> GLY: 71-3482/4	C4214*	4 Pairs		2.4796/ 2.4803 62.982/ 63.000	2.6378/ 2.6385 67.000/ 67.018	1.1417 29.00	0.0782 1.986	
MB5083CP <i>Under Development</i> GLY: H 967/5	M5083U* M5083L*	4 Pairs		2.8733/ 2.8740 72.982/ 73.000	3.0709/ 3.0716 78.001/ 78.019	1.1024 28.00	0.0976 2.479	
	F5083U* F5084L*	1 Pair		2.8733/ 2.8740 72.982/ 73.000	3.0709/ 3.0160 78.001/ 76.606	1.4114 35.85	0.0976 2.479	
2	D 0226	1980-	5684 cc	102.00 X 116.00	6 cyl		2	
CR 668CP <i>Under Development</i> GLY: 71-3482/6	C4214*	6 Pairs		2.4796/ 2.4803 62.982/ 63.000	2.6378/ 2.6385 67.000/ 67.018	1.1417 29.00	0.0782 1.986	
MB7078CP <i>Under Development</i> GLY: H 967/7	M5083U* M5083L*	6 Pairs		2.8733/ 2.8740 72.982/ 73.000	3.0709/ 3.0716 78.001/ 78.019	1.1024 28.00	0.0976 2.479	
	F5083U* F5084L*	1 Pair		2.8733/ 2.8740 72.982/ 73.000	3.0709/ 3.0160 78.001/ 76.606	1.4114 35.85	0.0976 2.479	

Engine Index: VOLVO

Engine-Code	Years	Cyl	CC	Line
D67 Diesel		6	0	1
688,688.02		4	1108	2
810/25/26/29/03		4	1289	2
B14 OE		4	1397	3
B141		4	1397	3
B143S		4	1397	3
B144		4	1397	3
B1440		4	1397	3
DV6 TED 9HY/Z G8DA, G8DB,	2006-	4	1560	4
B18 CR: /10:1		4	1780	5
5202F/S, 5204T3	1991-	5	1984	11
D24		5	1986	6
B20A,B,E,F CR: /10.2:1		4	1986	7
B19A CR: 9.2/10:1		4	1986	8
B19E FUEL INJRCTION		4	1986	8
B200E		4	1986	9
B204		4	1986	9
B200 Turbocharged		4	2100	9
B21A,B21E CARBURETTOR &		4	2127	8
B21E FUEL INJECTION (FOR		4	2127	8
B23 K-Jetronic Ignition		4	2316	8
B230 Fuel Injection		4	2316	9
B234F DOHC 16 Valve	1989-92	4	2316	9
B23FT	1984-	4	2316	9
B5234FT/T3/T4	08/1993	5	2319	11
D24		6	2383	10
B 5252 F/S	02/1993	5	2435	11
B 5254 F/FT/S/T	02/1993	5	2435	11
B6254G,S	1995 -	6	2473	14
B27A/E,B28FPRV V6	1974-	6	2663	13
ZM/ZMJ/112/144 V6 Carburettor		6	2664	12
B28A/E/F, B280 V6	1981-	6	2849	13
B6304F,G,S	1994 -	6	2922	14

Engine-Code	Years	Cyl	CC	Line
B30		6	2979	15
4.236 Diesel Direct Injection		4	3860	16
D47A/VDE Diesel		6	4704	17
D50A/B TD50A/B Diesel		6	5100	18
D60 Diesel		6	5480	18
TD60A/B/C D Diesel		6	5480	18
D61F/G Turbo Diesel		6	5480	19
TD61B Diesel Turbocharged		6	5480	19
TD63,TD63ES Diesel		6	5480	19
D70A/B/CHC Diesel		6	6700	20
TD70A-B-C D Diesel		6	6700	20
TD70E Diesel Direct Injection		6	6700	20
TD70F/G/FS D Diesel		6	6700	21
TD70H Diesel Turbocharged		6	6700	21
TD71F/G/FD/FS Diesel		6	6700	21
D100A-B/HD100A Diesel		6	9600	22
TD100G/GA Turbo Diesel		6	9600	22
TD100A/B Diesel Turbocharged		6	9600	23
TD100BG Diesel Turbocharged		6	9600	23
TD100GG Diesel Turbocharged		6	9600	23
MD100A/B Diesel Turbocharged		6	9600	24
TD101F/FA/FC/FD Diesel		6	9600	24
TD101G/GA D Diesel		6	9600	24
TD102F Turbo Diesel		6	9600	24
TD103ES Diesel Turbocharged &		6	9600	24
THD101GB/GC/GD Diesel		6	9600	24
THD101KB/C/E/F Diesel		6	9600	24
THD102 Turbo D Diesel		6	9600	24
TH100D/DB/DD Diesel		6	9600	25
TH100E Diesel Turbocharged		6	9600	25
TD120C/E Diesel Direct Injection		6	12000	26
TD120FC/G/GA Diesel		6	12000	26
MD120A Diesel Direct Injection		6	12000	27






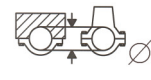


Engine-Code	Years	Cyl	CC	Line
TAMD120A/B D Diesel		6	12000	27
TD120A/GG D Diesel		6	12000	27
TD121F/FD/G/GD Diesel		6	12000	28






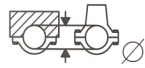


Engine-Code	Years	Cyl	CC	Line
TD122F Turbo D Diesel		6	12000	28
TD123E/ES D Diesel		6	12000	28

Car Model Index: VOLVO

Model	Engine	Years	Cyl	CC	Line
240	B23FT		4	2316	9
740, 760	B23FT		4	2316	9
940	B23FT		4	2316	9
123GT,133,142S,144,1	B18 CR: /10:1	1964-68	4	1780	5
131, 132S,142,144,221	B18 CR: /10:1	1966-68	4	1780	5
131, 133,135	B20A,B,E,F CR:	1968-70	4	1986	7
142,	B20A,B,E,F CR:	1968-81	4	1986	7
144E	B30	1968-73	6	2979	15
145	B30	1973-75	6	2979	15
145S,F,E,Combi,S,Delu	B30	1973-75	6	2979	15
160, 164, 165, 166	B30	1968-73	6	2979	15
160,164,164E,165,166	B20A,B,E,F CR:	1968-73	4	1986	7
162,164,165,166	B30	1968-73	6	2979	15
164E	B30	1973-75	6	2979	15
1800 S,E	B20A,B,E,F CR:	1968-73	4	1986	7
240 GL	B21A,B21E	1979-84	4	2127	8
240 GL (Italy Only)	B19E FUEL	1982-	4	1986	8
240 GLE	B23 K-Jetronic	-1984	4	2316	8
240 GLT,244 GLT,GLE	B23 K-Jetronic	1979-84	4	2316	8
240 GT740 GT	B230 Fuel Injection	1985-	4	2316	9
240CL,GLE	B230 Fuel Injection	1985-	4	2316	9
240GL,GLT,Turbo	B200		4	2100	9
242 DL,FL,GT	B21A,B21E	1974-84	4	2127	8
242 GL	B21E FUEL	1979-80	4	2127	8
242 L,DL,GL, 244	B19A CR: 9.2/10:1	1976-83	4	1986	8
242,	B20A,B,E,F CR:	1973-81	4	1986	7
244 DL,DLI,GL,GLE,GLI	B21A,B21E	1974-84	4	2127	8
244 GL,GLI GLE,DLI	B21E FUEL	1979-80	4	2127	8
244 GLD 5	D24	1978-80	5	1986	6
244GLD6, 245GLD6	D24	1978-	6	2383	10
245 GLD 5	D24	1978-80	5	1986	6
245 GLI,DLI	B21E FUEL	1979-80	4	2127	8
245 L,DL,DLI,T,GL,GLI	B21A,B21E	1974-84	4	2127	8
245 L,DL,Kombi	B30	1973-75	6	2979	15
245L,DL,Kombi	B30	1973-75	6	2979	15
260, 262, 264, 265, 760	B27A/E,B28FPRV		6	2663	13
262 C	ZM/ZMJ/112/144	1974-79	6	2664	12
264 TE,GL,GLE,DL	ZM/ZMJ/112/144	1974-80	6	2664	12
264, 265, 760, 780	B28A/E/F, B280 V6		6	2849	13
265DL,GL,GLE,TE,GI,K	ZM/ZMJ/112/144	1974-80	6	2664	12
340 L,DL,GL	B14 OE	1982-	4	1397	3
340, 343,345,360	B19A CR: 9.2/10:1	1980-84	4	1986	8
343 L,DL,GL	B14 OE	1976-82	4	1397	3
345 L,DL,GL	B14 OE	1979-82	4	1397	3
360 GLT,GLE(Italy)	B19E FUEL	1982-	4	1986	8
642-910DL	688,688.02	1975-81	4	1108	2
643-910DL	688,688.02	1975-81	4	1108	2
66 DL,L Break	688,688.02	1975-81	4	1108	2
66 GL	810/25/26/29/03	1975-81	4	1289	2
740 GL,GLE(Italy Only)	B19E FUEL	1982-	4	1986	8
740 GLE	B23 K-Jetronic	1979-84	4	2316	8
740 Turbo 760 Turbo	B230 Fuel Injection	1985-	4	2316	9
740, 940	B234F DOHC 16		4	2316	9
760 GLE	B23 K-Jetronic	-1984	4	2316	8
850,C/S/V /Turbo 20V	B 5254 F/FT/S/T		5	2435	11

Model	Engine	Years	Cyl	CC	Line
850,C/S/V 70 20V	B5234FT/T3/T4		5	2319	11
850,S/V 70 10V	B 5252 F/S		5	2435	11
850,S/V70,Turbo 20V	5202F/S, 5204T3		5	1984	11
960 24V	B6254G,S		6	2473	14
960 24V	B6304F,G,S		6	2922	14
B57,F86,N725,TF86,Du	TD70E Diesel	1974-	6	6700	20
B57,FL7	TD71F/G/FD/FS	1985-	6	6700	21
B58/59,F10/88,FB88,FL	TD100A/B Diesel	1965-81	6	9600	23
B610,f607-614,f615-	TD60A/B/C D	1974-85	6	5480	18
B7,B57,BB57	TD70H Diesel	1978-	6	6700	21
B9M,B10M	THD102 Turbo D	1986-	6	9600	24
B9M,B10M,400CH	THD101GB/GC/GD	1982-	6	9600	24
B9M,B10M,400CH	TH100E Diesel	1982-	6	9600	25
B9M,B10M,B59,B58,40	TH100D/DB/DD	1975-82	6	9600	25
B9M,B10M,C10M	THD101KB/C/E/F	1981-	6	9600	24
C30 1.6 HDI 16V	DV6 TED 9HY/Z	10/06-	4	1560	4
Dumper 3500,B54,NB86	TD70A-B-C D	1965-71	6	6700	20
Dumper	TD70F/G/FS D	1979-85	6	6700	21
F10	TD103ES Diesel	1992-	6	9600	24
F10,B10M	TD102F Turbo	1990-	6	9600	24
F10,FL10	TD101F/FA/FC/FD	1983-	6	9600	24
F10,FL10,N10	TD101G/GA D	1983-	6	9600	24
F10,N10	TD100G/GA Turbo		6	9600	22
F10,N10,F88,FB88	TD100BG Diesel	1974-81	6	9600	23
F12	TD123E/ES D	1992-	6	12000	28
F12,FS12,FS10	TD122F Turbo D	1987-	6	12000	28
F12-38/46/49/52/59	TD120C/E Diesel	1977-80	6	12000	26
F607-614	D60 Diesel	1974-	6	5480	18
F82/83	4.236 Diesel Direct	1963-	4	3860	16
F84, F85, N84,B54	D50A/B TD50A/B	1965-75	6	5100	18
F86, FB86, N7,N86	TD70A-B-C D	1965-75	6	6700	20
F86,FB86,N86	TD70F/G/FS D	1965-	6	6700	21
F88, N88, LF88, LN88,	D100A-B/HD100A	1966-70	6	9600	22
FL608-611,FL608-	D61F/G Turbo	1986-	6	5480	19
FL608-614	TD61B Diesel		6	5480	19
FL618	TD63,TD63ES	1992-	6	5480	19
FL88	D100A-B/HD100A	1966-74	6	9600	22
Industrial	TD60A/B/C D	1974-85	6	5480	18
Industrial	D100A-B/HD100A		6	9600	22
Industrial	TD100GG Diesel		6	9600	23
Industrial	MD100A/B Diesel		6	9600	24
Industrial	MD120A Diesel		6	12000	27
Industrial	TD120A/GG D	1970-81	6	12000	27
LV370/375/385	D47A/VDE Diesel		6	4704	17
LV385, B615, LV486,	D67 Diesel		6		1
N10,N12,F12	TD120FC/G/GA	1980-	6	12000	26
N12,CH230,F89	TD120A/GG D	1970-81	6	12000	27
N12,F12,CH230	TD121F/FD/G/GD	1984-	6	12000	28
N86,NB86	D70A/B/CHC	1965-71	6	6700	20
N86,NB86,F86,FB86	D70A/B/CHC	1971-75	6	6700	20
PV544,121,122S,131	B18 CR: /10:1	1961-66	4	1780	5
S40 1.6 HDI 16V	DV6 TED 9HY/Z	2006-	4	1560	4
V50 1.6 HDI 16V	DV6 TED 9HY/Z	2006-	4	1560	4

VOLVO				VOLVO				
 King Set No.		 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
1	D67 Diesel D67C -1960- D67B -1955-				6 cyl	LV385 , B615, LV486, L485		1
CR 657CP CLE:CB- 870P (6) GLA:B6382LC GLY:71-3480/6 VAN:VPR410		C 657	6 Pairs		2.7496/ 2.7500 69.840/ 69.850	2.9029/ 2.9037 73.734/ 73.754	1.4630 37.16	0.0750 1.905
MB7022CP <i>Under Development</i> GLA:M7244LC		M7022U* M7022L*	1 Pair	1	3.2494/ 3.2500 82.535/ 82.550	3.4836/ 3.4844 88.483/ 88.504	1.7150 43.56	0.1150 2.921
		M5051/1U M5051/1L	4 Pairs	2,3,5,6	3.2494/ 3.2500 82.535/ 82.550	3.4836/ 3.4844 88.483/ 88.504	1.2040 30.58	0.1150 2.921
		F7022U* F7022L*	1 Pair	4	3.2494/ 3.2500 82.535/ 82.550	3.4836/ 3.4844 88.483/ 88.504	2.2770 57.84	0.1150 2.921
		M5051/3U M5051/3L	1 Pair	7	3.2494/ 3.2500 82.535/ 82.550	3.4836/ 3.4800 88.483/ 88.392	2.2250 56.52	0.1150 2.921
2	688,688.02			1108 cc	70.00 X 72.00	4 cyl	642-910DL, 643-910DL, 66 DL,L Break	2
	810/25/26/29/03			1289 cc	73.00 X 77.00	4 cyl	66 GL	
CR 446AM STD/.25/.5/.75/1.0/1.25/1.5 -1975 ACL:4B7901 CLE:CB- 722AL (4) FMO:4-2950RA GLA:B4423SA GLY:01-4137/4 VAN:VPR91073A		C 446	4 Pairs		1.7309/ 1.7315 43.965/ 43.980	1.8746/ 1.8750 47.615/ 47.625	0.8170 20.75	0.0713 1.811
CR4426AM STD/.25/.5/.75/1.0/1.25/1.5 <i>SUPERSEDED BY CR4426AM</i> 1975 - ACL:4B7900 CLE:CB-1005AL (4) FMO:4-2950RAA GLA:B4508SA GLY:01-3046 VAN:VPR91428A		C4426	4 Pairs		1.7309/ 1.7315 43.965/ 43.980	1.8746/ 1.8750 47.615/ 47.625	0.6990 17.75	0.0712 1.808
MB 505AM STD/.25/.5/.75/1.0/1.25/1.5 <i>46 mm journals.</i> <i>Was MB5175AM</i> ACL:5M7904 CLE:MS-1183AL FMO:6286M GLA:M5279M GLY:H 897/5 VAN:VPM91429A		M 505/1U M 505/1L	2 Pairs	1-3	1.8106/ 1.8110 45.989/ 45.999	1.9635/ 1.9642 49.873/ 49.891	0.9640 24.49	0.0759 1.928
		M 505/2U M 505/2L	3 Pairs	2-4-5	1.8106/ 1.8110 45.989/ 45.999	1.9635/ 1.9642 49.873/ 49.891	0.7670 19.48	0.0759 1.928
MB 588AM STD/.25/.5/.75/1.0/1.25/1.5 <i>54.80mm journals.</i> ACL:5M7909 CLE:MS-1381AL FMO:6444M GLA:M5342SA GLY:H1042/5 K.S:77 085 608 VAN:VPM91808A		M 588U M 588L	5 Pairs		2.1568/ 2.1572 54.783/ 54.793	2.3122/ 2.3129 58.730/ 58.748	0.7670 19.48	0.0767 1.948
TW 121AM STD <i>SUPERSEDED BY TW 121AM</i> CLE:TW- 164S FMO:60476BF GLA:W2158SA GLY:A195/2 VAN:VPW23		W 121	1 Pair		2.3819/ 2.3917 60.500/ 60.749	3.1398/ 3.1496 79.751/ 80.000	0.0000 0.00	0.1102 2.799
3	B14 OE			1397 cc	76.00 X 77.00	4 cyl	340 L,DL,GL, 343 L,DL,GL, 345 L,DL,GL	3
	B141 B141E - B141S -			1397 cc	76.00 X 77.00	4 cyl		
	B143S			1397 cc	76.00 X 77.00	4 cyl		
	B1440			1397 cc	76.00 X 77.00	4 cyl		
	B144 B144E - B144S -			1397 cc	76.00 X 77.00	4 cyl		
CR4426AM STD/.25/.5/.75/1.0/1.25/1.5 <i>SUPERSEDED BY CR4426AM</i>		C4426	4 Pairs		1.7309/ 1.7315 43.965/ 43.980	1.8746/ 1.8750 47.615/ 47.625	0.6990 17.75	0.0712 1.808

VOLVO				VOLVO			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
1975 -							
ACL:4B7900 FMO:4-2950RAA GLY:01-3046	CLE:CB-1005AL (4) GLA:B4508SA VAN:VPR91428A						
MB 588AM STD/.25/.5/.75/1.0/1.25/1.5 ACL:5M7909 FMO:6444M GLY:H1042/5 VAN:VPM91808A	M 588U M 588L	5 Pairs		2.1568/ 2.1572 54.783/ 54.793	2.3122/ 2.3129 58.730/ 58.748	0.7670 19.48	0.0767 1.948
TW 121AM STD SUPERSEDED BY TW 121AM CLE:TW- 164S GLA:W2158SA VAN:VPM23	W 121	1 Pair		2.3819/ 2.3917 60.500/ 60.749	3.1398/ 3.1496 79.751/ 80.000	0.0000 0.00	0.1102 2.799
4	DV6 TED 9HY/Z G8DA, G8DB, D4164T	2006-	1560 cc	75.00 X 88.30	4 cyl	C30 1.6 HDI 16V, S40 1.6 HDI 16V, V50 1.6 HDI 16V	4
CR4503SX STD/.25/.3/.5/.75/.8 SUPERSEDED BY CR4503SX GLY:71-4246/4 OEM:3M5Q 6211 AA	C4503	4 Pairs		1.8494/ 1.8500 46.975/ 46.990	1.9943/ 1.9950 50.655/ 50.673	0.6693 17.00	0.0716 1.819
MB5399SI STD/.3/.5/.8/1.0 GLY:H046/5 VAN:VPM05047A	M5399U M5399L	5 Halves 5 Halves		1.9670/ 1.9678 49.962/ 49.982 1.9670/ 1.9678 49.962/ 49.982	2.1124/ 2.1131 53.655/ 53.673 2.1124/ 2.1131 53.655/ 53.673	0.8040 20.42 0.7840 19.91	0.0710 1.803 0.0720 1.829
TW 179AM GLY:A217/2 VAN:VPM01004A	W 179	1 Pair		2.1732/ 2.1843 55.199/ 55.481	2.8091/ 2.8228 71.351/ 71.699	0.0000 0.00	0.0960 2.438
5	B18 CR: /10:1 B18A - B18B - B18D -		1780 cc	84.15 X 80.00	4 cyl	123GT,133,142S,144,144S, 223,, 131, 132S,142,144,221, PV544,121,122S,131 Amazon.	5
CR4406AM STD/010/020/030/040 ACL:4B2741 FMO:4-65325CP GLY:71-2724/4	C4406	4 Pairs		2.1295/ 2.1300 54.089/ 54.102	2.2765/ 2.2770 57.823/ 57.836	1.0620 26.97	0.0725 1.842
CS 317BB CLE:SH- 791S GLA:C3056SA	FMO:1561M VAN:VPC94014						
MB 523AM STD/010/020/030/040 ACL:5M2742 FMO:6111M GLY:H 783/5 VAN:VPM895	M 523 F 523	4 Pairs 1 Pair	1-2-3-4 5	2.4977/ 2.4982 63.442/ 63.454 2.4977/ 2.4982 63.442/ 63.454	2.6560/ 2.6570 67.462/ 67.488 2.6560/ 2.6570 67.462/ 67.488	1.1100 28.19 1.5320 38.91	0.0781 1.984 0.0781 1.984
6	D24		1986 cc	76.50 X 86.40	5 cyl	244 GLD 5, 245 GLD 5	6
CR 502AM STD/.25/.5/.75/1.0/1.5 For Petrol & Diesel engines. Without oil holes ACL:5B1076 FMO:5-68150CP K.S:87 463 600	C 437	5 Pairs		1.8802/ 1.8810 47.757/ 47.777	1.9921/ 1.9929 50.599/ 50.620	0.7480 19.00	0.0554 1.407
MB 601AM STD/.25/.5/.75/1.0 With flange bearing. Flange length: STD - 24.94mm 0.25,0.5,0.75,1.0 - 25.04mm (Fl oversize 0.1mm) ACL:6M1605 FMO:6656M GLY:H 941/6 OEM:035.198.451	M 601U M 601L F 601U F 601L	5 Pairs 1 Pair	1-2-4-5-6 3	2.2818/ 2.2826 57.958/ 57.978 2.2818/ 2.2826 57.958/ 57.978	2.4803/ 2.4810 63.000/ 63.017 2.4803/ 2.4810 63.000/ 63.017	0.7283 18.50 0.9815 24.93	0.0985 2.502 0.0985 2.502
7	B20A,B,E,F CR: /10:2:1		1986 cc	88.89 X 80.00	4 cyl	131, 133,135, 142, 142S,E,144,144S,E,GL,145, 160,164,164E,165,166, 1800 S,E, 242, 244,245L,DL,Kombi	7









VOLVO				VOLVO			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
CR4406AM STD/010/020/030/040 ACL: 4B2741 CLE: CB- 734AL (4) FMO: 4-65325CP GLA: B4405LC GLY: 71-2724/4 VAN: VPR893	C4406	4 Pairs		2.1295/ 2.1300 54.089/ 54.102	2.2765/ 2.2770 57.823/ 57.836	1.0620 26.97	0.0725 1.842
CR4451AM STD/010/020/030/040 1973-81 ACL: 4B2740 CLE: CB-1137AL (4) FMO: 4-66620CP GLA: B4561LC GLY: 71-3271/4 K.S: 87 498 600 VAN: VPR91616	C4451	4 Pairs		2.1255/ 2.1260 53.988/ 54.000	2.2835/ 2.2840 58.001/ 58.014	0.9530 24.21	0.0782 1.986
CS 317BB CLE: SH- 791S FMO: 1561M GLA: C3056SA VAN: VPC94014							
MB 523AM STD/010/020/030/040 ACL: 5M2742 CLE: MS- 813AL FMO: 6111M GLA: M5221LC GLY: H 783/5 K.S: 87 836 600 VAN: VPM895	M 523	4 Pairs	1-2-3-4	2.4977/ 2.4982 63.442/ 63.454	2.6560/ 2.6570 67.462/ 67.488	1.1100 28.19	0.0781 1.984
	F 523	1 Pair	5	2.4977/ 2.4982 63.442/ 63.454	2.6560/ 2.6570 67.462/ 67.488	1.5320 38.91	0.0781 1.984
8	B19A CR: 9.2/10:1			1986 cc 88.90 X 80.00	4 cyl	242 L,DL,GL, 244 L,DL,GL,245 L, 340, 343,345,360 DLS,GLS	8
	B19E FUEL INJRCTION B19E - B19ET -			1986 cc 88.90 X 80.00	4 cyl	240 GL (Italy Only), 360 GLT,GLE(Italy Only), 740 GL,GLE(Italy Only)	
	B21A,B21E CARBURETTOR & FUEL INJECTION			2127 cc 92.00 X 80.00	4 cyl	240 GL, 242 DL,FL,GT, 244 DL,DLI,GL,GLE,GLI, 245 L,DL,DLI,T,GL,GLI	
	B21E FUEL INJECTION (FOR USA)			2127 cc 92.00 X 80.00	4 cyl	242 GL, 244 GL,GLI GLE,DLI, 245 GLI,DLI	
	B23 K-Jetronic Ignition B23E - B23F - B23ET -			2316 cc 96.00 X 80.00	4 cyl	240 GLE, 240 GLT,244 GLT,GLE, 740 GLE, 760 GLE	
CR4451AM STD/010/020/030/040 ACL: 4B2740 CLE: CB-1137AL (4) FMO: 4-66620CP GLA: B4561LC GLY: 71-3271/4 K.S: 87 498 600 VAN: VPR91616	C4451	4 Pairs		2.1255/ 2.1260 53.988/ 54.000	2.2835/ 2.2840 58.001/ 58.014	0.9530 24.21	0.0782 1.986
CS 317BB CLE: SH- 791S FMO: 1561M GLA: C3056SA VAN: VPC94014							
MB 523AM STD/010/020/030/040 ACL: 5M2742 CLE: MS- 813AL FMO: 6111M GLA: M5221LC GLY: H 783/5 K.S: 87 836 600 VAN: VPM895	M 523	4 Pairs	1-2-3-4	2.4977/ 2.4982 63.442/ 63.454	2.6560/ 2.6570 67.462/ 67.488	1.1100 28.19	0.0781 1.984
	F 523	1 Pair	5	2.4977/ 2.4982 63.442/ 63.454	2.6560/ 2.6570 67.462/ 67.488	1.5320 38.91	0.0781 1.984
9	B204 B204E - B204FT -			1986 cc 88.90 X 80.00	4 cyl		9
	B200E B200E - B200ET -			1986 cc 88.90 X 80.00	4 cyl		
	B200 Turbocharged B200F - B200K -			2100 cc 92.00 X 80.00	4 cyl	240GL,GLT,Turbo	
	B230 Fuel Injection B230A - B230E - B230ET - B230F - B230FB - B230FT -			2316 cc 96.00 X 80.00	4 cyl	240 GT740 GT, 240CL,GLE, 740 Turbo 760 Turbo	
	B23FT	1984-1995		2316 cc 96.00 X 80.00	4 cyl	240, 740, 760, 940	

VOLVO				VOLVO			
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
B23FT -1984 - B230F/FT -1985 - 1991							
B234F DOHC 16 Valve	1989-92	2316 cc	96.00 X 80.00	4 cyl	740, 940		
CR4133AM STD/.25/.5/.75/1.0 CLE:CB-1302P(4) FMO:4-4335CP GLA:B4695LB GLY:71-3616/4 VAN:VPR91991	C4133	4 Pairs		1.9285/ 1.9293 48.984/ 49.004	2.0472/ 2.0478 51.999/ 52.014	0.9449 24.00	0.0587 1.491
MB5240AM STD/.25/.5/.75/1.0 CLE:MS-1610AL GLA:M5491SA GLY:H016/5 VAN:VPM91992A	M5240U M5240L	5 Pairs	1-5	2.1648/ 2.1654 54.986/ 55.001	2.3228/ 2.3236 58.999/ 59.019	0.8268 21.00	0.0785 1.994
10	D24 D24T D24TIC		2383 cc	76.50 X 86.40	6 cyl	244GLD6, 245GLD6	10
CR6617AM STD/.25/.5/.75/1.0/1.5 ACL:6B9501 CLE:CB-1178AL(6) FMO:6-68150CP GLY:71-3442/6	C 437	6 Pairs		1.8802/ 1.8810 47.757/ 47.777	1.9921/ 1.9929 50.599/ 50.620	0.7480 19.00	0.0553 1.405
MB 776AM STD/.25/.5/.75/1.0 <i>With flange bearing.</i> <i>Flange length:</i> <i>STD - 24.94mm</i> <i>0.25,0.5,0.75,1.0 - 25.04mm (Fl oversize 0.1mm)</i> ACL:7M9502 CLE:MS-1490 GLA:M7393SA GLY:H 941/7 K.S:87 460 600 VAN:VPM91930	M 601U M 601L	6 Pairs	1-2-3-5- 6-7	2.2818/ 2.2826 57.958/ 57.978	2.4803/ 2.4810 63.000/ 63.017	0.7283 18.50	0.0985 2.502
MB 776CP	F 601U F 601L	1 Pair	4	2.2818/ 2.2826 57.958/ 57.978	2.4803/ 2.4810 63.000/ 63.017	0.9815 24.93	0.0985 2.502
MB7001AM STD/.25/.5 <i>Without flanged components.</i> CLE:MS-1772P GLA:M7464LB GLY:H 981/7 K.S:87 414 600 VAN:VPM92293	M 601U M 601L	7 Pairs	1-7	2.2818/ 2.2826 57.958/ 57.978	2.4803/ 2.4810 63.000/ 63.017	0.7283 18.50	0.0985 2.502
PB 155CP GLY:55-3443 K.S:87 344 690							
11	5202F/S, 5204T3 B5234FT/T3/T4 B 5252 F/S B 5254 F/FT/S/T	1991- 08/1993 02/1993 02/1993	1984 cc 2319 cc 2435 cc 2435 cc	81.00 X 77.00 81.00 X 90.00 83.00 X 90.00 83.00 X 90.00	5 cyl 5 cyl 5 cyl 5 cyl	850,S/V70,Turbo 20V 850,C/S/V 70 20V 850,S/V 70 10V 850,C/S/V /Turbo 20V	11
CR 509AM STD/.25/.5/.75 CLE:CB-1825P(5) FMO:5-4535P GLY:71-3754/5	C6700	5 Pairs		1.9679/ 1.9685 49.985/ 50.000	2.0866/ 2.0871 53.000/ 53.012	0.7677 19.50	0.0589 1.496
MB 612AM STD/.25/.5/.75/1.0/1.25 CLE:MS-2230AL FMO: 7306M GLY:H 046/6	M7023U M7023L	5 Pairs		2.5585/ 2.5591 64.986/ 65.001	2.7165/ 2.7171 68.999/ 69.014	0.7717 19.60	0.0785 1.994
	F7023U F7023L	1 Pair		2.5585/ 2.5591 64.986/ 65.001	2.7165/ 2.7171 68.999/ 69.014	1.0189 25.88	0.0787 1.999
12	ZM/ZMJ/112/144 V6 Carburettor & Injection		2664 cc	88.00 X 73.00	6 cyl	262 C, 264 TE, GL, GLE, DL (B27A, E, 16, 265DL, GL, GLE, TE, GI, Komb i (b27)	12
CR6708AM <i>Under Development</i> CLE:CB-1186AL(6) FMO:6-66310RA GLA:B6515SA NDC:CB-1427 ~ VAN:VPR91536A	C6708*	6 Pairs		2.0578/ 2.0585 52.268/ 52.286	2.2047/ 2.2055 55.999/ 56.020	0.6949 17.65	0.0728 1.849
MB4035AM <i>Under Development</i> CLE:MS-1394AL FMO:6443M GLA:M4251SA GLY:H1041/4 VAN:VPM91537A	M4035U* M4035L*	4 Pairs	1-4	2.7576/ 2.7583 70.043/ 70.061	2.9134/ 2.9141 74.000/ 74.018	0.9240 23.47	0.0774 1.966
13	B27A/E, B28FPRV V6 B28A/E/F, B280 V6	1974- 1981-	2663 cc 2849 cc	88.00 X 73.00 91.00 X 73.00	6 cyl 6 cyl	260, 262, 264, 265, 760 264, 265, 760, 780	13
CR6708AM <i>Under Development</i> <i>For 52.2 mm journals</i>	C6708*	6 Pairs		2.0578/ 2.0585 52.268/ 52.286	2.2047/ 2.2055 55.999/ 56.020	0.6949 17.65	0.0728 1.849

VOLVO				VOLVO				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
CLB:CB-1186AL(6) FMO:6-66310RA GLA:B6515SA NDC:CB-1427 ~ VAN:VPR91536A								
CR6709AM								
<i>For 60 mm journals</i>								
MB4035AM	M4035U*	4 Pairs	1-4	2.7576/ 2.7583 70.043/ 70.061	2.9134/ 2.9141 74.000/ 74.018	0.9240 23.47	0.0774 1.966	
<i>Under Development</i>								
CLB:MS-1394AL FMO:6443M GLA:M4251SA GLY:H1041/4 VAN:VPM91537A	M4035L*							
14	B6254G,S	1995 -	2473 cc	81.00 X 80.00	6 cyl	960 24V	14	
	B6304F,G,S	1994 -	2922 cc	83.00 X 90.00	6 cyl	960 24V		
CR6700AM	C6700	6 Pairs		1.9679/ 1.9685 49.985/ 50.000	2.0866/ 2.0871 53.000/ 53.012	0.7677 19.50	0.0589 1.496	
<i>STD/.25/.5/.75</i>								
<i>GLY:71-3754/6</i>								
MB7023AM	M7023U	6 Pairs		2.5585/ 2.5591 64.986/ 65.001	2.7165/ 2.7171 68.999/ 69.014	0.7717 19.60	0.0785 1.994	
<i>STD/.25/.5/.75</i>								
<i>GLY:H 046/7</i>								
	F7023U	1 Pair		2.5585/ 2.5591 64.986/ 65.001	2.7165/ 2.7171 68.999/ 69.014	1.0189 25.88	0.0787 1.999	
15	B30		2979 cc	88.89 X 80.00	6 cyl	144E, 145	15	
	B30	-				S,F,E,Kombi,S,Deluxe,		
	B30A	-				145S,F,E,Combi,S,Deluxe,		
	B30E	-				160, 164, 165, 166,		
	B30F	-				162,164,165,166, 164E, 245		
						L,DL,Kombi,		
						245L,DL,Kombi		
CR6610AM	C4406	6 Pairs		2.1295/ 2.1300 54.089/ 54.102	2.2765/ 2.2770 57.823/ 57.836	1.0620 26.97	0.0725 1.842	
<i>STD/010/020/040</i>								
<i>1968-73</i>								
ACL:6B2741 CLE:CB- 734AL(6) FMO:6-65325CP GLA:B6454LC VAN:VPR91610								
CR6612AM	C4451	6 Pairs		2.1255/ 2.1260 53.988/ 54.000	2.2835/ 2.2840 58.001/ 58.014	0.9530 24.21	0.0782 1.986	
<i>STD/010/020/030</i>								
<i>1972-75</i>								
ACL:6B2740 CLE:CB-1137AL(6) FMO:6-66620CP GLA:B6502LC VAN:VPR91617								
MB 773AM	M 523	6 Pairs	1-2-3-4-5-6	2.4977/ 2.4982 63.442/ 63.454	2.6560/ 2.6570 67.462/ 67.488	1.1100 28.19	0.0781 1.984	
<i>STD/010/020/030</i>								
ACL:7M2742 CLE:MS-1154AL FMO:6382M GLA:M7300LC VAN:VPM91361	F 523	1 Pair	7	2.4977/ 2.4982 63.442/ 63.454	2.6560/ 2.6570 67.462/ 67.488	1.5320 38.91	0.0781 1.984	
16	4.236 Diesel Direct Injection		3860 cc	98.48 X 127.00	4 cyl	F82/83 Truck,G65/80,F407 Truck	16	
CR 464AM	C 673	4 Pairs		2.4990/ 2.4995 63.475/ 63.487	2.6460/ 2.6465 67.208/ 67.221	1.2550 31.88	0.0725 1.842	
<i>STD/010/020/030/040/050/060</i>								
CLB:CB- 667AL(4) FMO:4-3135AP GLA:B4438SA GLY:01-4115/4 OEM:85042 VAN:VPR91193A								
MB 519AM	M 727/1E	4 Pairs	1-2-4-5	2.9985/ 2.9990 76.162/ 76.175	3.1660/ 3.1670 80.416/ 80.442	1.2550 31.88	0.0822 2.088	
<i>STD/010/020/030/040/050/060</i>								
CLB:MS- 830AL FMO:4353M GLA:M5212SA GLY:H1037/5 OEM:81558 VAN:VPM91194A	M 727/1D							
	M 727/3E	1 Pair	3	2.9985/ 2.9990 76.162/ 76.175	3.1660/ 3.1670 80.416/ 80.442	1.4450 36.70	0.0822 2.088	
	M 727/3D							
TW 208AM	W 208D	2 Pairs		3.4200/ 3.4300 86.868/ 87.122	4.0880/ 4.0980 103.835/104.089	0.0000 0.00	0.0900 2.286	
<i>4203050-</i>								
CLB:TW- 316S FMO:3137BFA GLA:W2157L GLY:A184/4 OEM:31137551 VAN:VPM95000	W 208E							
17	D47A/VDE Diesel		4704 cc	95.25 X 100.00	6 cyl	LV370/375/385	17	
CR6687CP	C6687	6 Pairs		2.4980/ 2.4985 63.449/ 63.462	2.6505/ 2.6510 67.323/ 67.335	1.3299 33.78	0.0750 1.905	
<i>STD/010/020/030/040/050/060</i>								
CLB:CB- 868P(6) FMO:6-1485CP GLA:B6517LB GLY:71-3446/6 VAN:VPR436LB								
18	D50A/B TD50A/B Diesel		5100 cc	95.25 X 120.00	6 cyl	F84, F85, N84,B54	18	

VOLVO				VOLVO				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
Normally Aspirated & Turbo D60 Diesel				5480 cc	98.43 X 120.00	6 cyl	F607-614	
TD60A/B/C D Diesel Turbocharged				5480 cc	98.43 X 120.00	6 cyl	B610,f607-614,f615-617,f6s, Industrial	
CR6687CP CLE:CB- 868P(6) GLA:B6517LB GLY:H 969/7 VAN:VPR436LB	FMO:6-1485CP GLY:71-3446/6	C6687	6 Pairs		2.4980/ 2.4985 63.449/ 63.462	2.6505/ 2.6510 67.323/ 67.335	1.3299 33.78	0.0750 1.905
MB7005CP FMO:7033M GLY:H 969/7	GLA:M7292LB VAN:VPM91862LB	M7005U M7005L	7 Pairs	1-7	2.9980/ 3.0772 76.149/ 78.161	3.1910/ 3.1920 81.051/ 81.077	1.1000 27.94	0.0940 2.388
19	D61F/G Turbo Diesel TD61F,TD61G/GA/GB/GC/GS			5480 cc	98.43 X 120.00	6 cyl	FL608-611,FL608-614,FL616-617	19
	TD61B Diesel Turbocharged			5480 cc	98.43 X 120.00	6 cyl	FL608-614	
	TD63,TD63ES Diesel Turbocharged			5480 cc	98.43 X 120.00	6 cyl	FL618	
CR6688CP CLE:CB-1534P(6) GLY:71-3695/6	GLA:B6604LB VAN:VPR92098LB	C6688	6 Pairs		2.4980/ 2.4985 63.449/ 63.462	2.6505/ 2.6510 67.323/ 67.335	1.3622 34.60	0.0750 1.905
MB7005CP FMO:7033M GLY:H 969/7	GLA:M7292LB VAN:VPM91862LB	M7005U M7005L	7 Pairs	1-7	2.9980/ 3.0772 76.149/ 78.161	3.1910/ 3.1920 81.051/ 81.077	1.1000 27.94	0.0940 2.388
20	D70A/B/CHC Diesel			6700 cc	104.77 X 130.00	6 cyl	N86,NB86, N86,NB86,F86,FB86 Industrial	20
	TD70A-B-C D Diesel Turbocharged			6700 cc	104.77 X 130.00	6 cyl	Dumper 3500,B54,NB86, F86, FB86, N7,N86	
	TD70E Diesel Direct Injection Turbocharged			6700 cc	104.77 X 130.00	6 cyl	B57,F86,N725,TF86,Dumpe r 4500,	
CR 657CP CLE:CB- 870P(6) GLY:71-3480/6	GLA:B6382LC VAN:VPR410	C 657	6 Pairs		2.7496/ 2.7500 69.840/ 69.850	2.9029/ 2.9037 73.734/ 73.754	1.4630 37.16	0.0750 1.905
MB 734CP FMO:7032M GLY:H 841/7	GLA:M7290LC VAN:VPM91292	M 734U M 734L	7 Pairs		3.2494/ 3.2500 82.535/ 82.550	3.4836/ 3.4844 88.483/ 88.504	1.2050 30.61	0.1150 2.921
MB7710CP _{010/030/040} Same as MB 734CP, but with .030" oversize housing.		M7710U M7710L	7 Pairs		3.2494/ 3.2500 82.535/ 82.550	3.5138/ 3.5144 89.251/ 89.266	1.2050 30.61	0.1300 3.302
21	TD70F/G/FS D Diesel Turbocharged TD70CHC/CEC			6700 cc	104.77 X 130.00	6 cyl	Dumper 5350,N7,F724,F716,, F86,FB86,N86	21
	TD70H Diesel Turbocharged			6700 cc	104.77 X 130.00	6 cyl	B7,B57,BB57	
	TD71F/G/FD/FS Diesel Turbocharged			6700 cc	104.78 X 130.00	6 cyl	B57,FL7	
CR6689CP 1978- CLE:CB-1176P(6) GLY:71-3623/6	GLA:B6550LB VAN:VPR91769LB	C6689	6 Pairs		2.7495/ 2.7500 69.837/ 69.850	2.9031/ 2.9037 73.739/ 73.754	1.4531 36.91	0.0750 1.905
MB 734CP Set MB7710CP is .030" oversize housing of MB 734CP FMO:7032M GLY:H 841/7	GLA:M7290LC VAN:VPM91292	M 734U M 734L	7 Pairs		3.2494/ 3.2500 82.535/ 82.550	3.4836/ 3.4844 88.483/ 88.504	1.2050 30.61	0.1150 2.921
MB7710CP _{010/030/040} Same as MB 734CP, but with .030" oversize housing.		M7710U M7710L	7 Pairs		3.2494/ 3.2500 82.535/ 82.550	3.5138/ 3.5144 89.251/ 89.266	1.2050 30.61	0.1300 3.302
22	TD100G/GA Turbo Diesel THD100EA/EB/EC/ED/EE/EK			9600 cc	120.64 X 140.00	6 cyl	F10,N10	22

VOLVO				VOLVO				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
D100A-B/HD100A Diesel D100BHC/RBC,TD100AHC,ARC		9600 cc	120.64 X 140.00	6 cyl	F88, N88, LF88, LN88, G88, FL88, Industrial			
CR 680CP -1983 FMO:6-60185CP GLA:B6308LC GLY:71-1227/6 K.S.:87 516 600 VAN:VPR266	C 680	6 Pairs		3.3859/ 3.3865 86.002/ 86.017	3.5793/ 3.5803 90.914/ 90.940	1.8000 45.72	0.0950 2.413	
CR6690CP 1983- 162079- CLE:CB-1303P(6) GLA:B6605LB GLY:71-3601/6 K.S.:87 269 600 VAN:VPR91901LB	C6690	6 Pairs		3.3859/ 3.3865 86.002/ 86.017	3.5793/ 3.5803 90.914/ 90.940	1.8000 45.72	0.0950 2.413	
MB 735CP Set MB7709CP is .030" oversize housing of MB 735CP FMO:4368M GLA:M7291LC GLY:H 842/7 K.S.:87 515 600 VAN:VPM91293	M 735U M 735L	7 Pairs		3.9361/ 3.9370 99.977/100.000	4.1330/ 4.1340 104.978/105.004	1.4700 37.34	0.0960 2.438	
MB7709CP STD/030 Same as MB 735CP, but with .030" oversize housing.	M7709U M7709L	7 Pairs		3.9361/ 3.9370 99.977/100.000	4.1633/ 4.1640 105.748/105.766	1.4700 37.34	0.1115 2.832	
23	TD100A/B Diesel Turbocharged	9600 cc	120.64 X 140.00	6 cyl	B58/59,F10/88,FB88,FL88, G88,		23	
	TD100BG Diesel Turbocharged	9600 cc	120.64 X 5.51	6 cyl	F10,N10,F88,FB88			
	TD100GG Diesel Turbocharged	9600 cc	120.64 X 5.51	6 cyl	Industrial			
CR 680CP FMO:6-60185CP GLA:B6308LC GLY:71-1227/6 K.S.:87 516 600 VAN:VPR266	C 680	6 Pairs		3.3859/ 3.3865 86.002/ 86.017	3.5793/ 3.5803 90.914/ 90.940	1.8000 45.72	0.0950 2.413	
MB 735CP Set MB7709CP is .030" oversize housing of MB 735CP FMO:4368M GLA:M7291LC GLY:H 842/7 K.S.:87 515 600 VAN:VPM91293	M 735U M 735L	7 Pairs		3.9361/ 3.9370 99.977/100.000	4.1330/ 4.1340 104.978/105.004	1.4700 37.34	0.0960 2.438	
MB7709CP STD/030 Same as MB 735CP, but with .030" oversize housing.	M7709U M7709L	7 Pairs		3.9361/ 3.9370 99.977/100.000	4.1633/ 4.1640 105.748/105.766	1.4700 37.34	0.1115 2.832	
24	TD101F/FA/FC/FD Diesel Turbocharged & Intercooled	9600 cc	120.65 X 140.00	6 cyl	F10,FL10		24	
	TD101G/GA D Diesel Turbocharged	9600 cc	120.65 X 140.00	6 cyl	F10,FL10,N10			
	THD101GB/GC/GD Diesel Turbocharged	9600 cc	120.65 X 140.00	6 cyl	B9M,B10M,400CH			
	THD101KB/C/E/F Diesel Turbocharged & Intercooled	9600 cc	120.65 X 140.00	6 cyl	B9M,B10M,C10M			
	THD102 Turbo D Diesel THD102KA/B/D/E/F INTERCOOLED	9600 cc	120.65 X 140.00	6 cyl	B9M,B10M			
	TD102F Turbo Diesel TD102F/FD/FF/FL/FM Intercooled	9600 cc	120.65 X 140.00	6 cyl	F10,B10M			
	TD103ES Diesel Turbocharged & Intercooled	9600 cc	120.65 X 140.00	6 cyl	F10			
	MD100A/B Diesel Turbocharged TMD100A	9600 cc	120.65 X 140.00	6 cyl	Industrial			
CR6690CP CLE:CB-1303P(6) GLA:B6605LB GLY:71-3601/6 K.S.:87 269 600 VAN:VPR91901LB	C6690	6 Pairs		3.3859/ 3.3865 86.002/ 86.017	3.5793/ 3.5803 90.914/ 90.940	1.8000 45.72	0.0950 2.413	
MB 735CP Set MB7709CP is .030" oversize housing of MB 735CP	M 735U M 735L	7 Pairs		3.9361/ 3.9370 99.977/100.000	4.1330/ 4.1340 104.978/105.004	1.4700 37.34	0.0960 2.438	

VOLVO				VOLVO			
							
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness
FMO:4368M GLA:M7291LC GLY:H 842/7 K.S:87 515 600 VAN:VPM91293							
MB7709CP STD/030 <i>Same as MB 735CP, but with .030" oversize housing.</i>	M7709U M7709L	7 Pairs		3.9361/ 3.9370 99.977/100.000	4.1633/ 4.1640 105.748/105.766	1.4700 37.34	0.1115 2.832
25	TH100D/DB/DD Diesel Turbocharged	9600 cc	120.65 X 140.00	6 cyl	B9M,B10M,B59,B58,400CH ,300CH		25
	TH100E Diesel Turbocharged	9600 cc	120.65 X 140.00	6 cyl	B9M,B10M,400CH		
CR 680CP -1983 FMO:6-60185CP GLA:B6308LC GLY:71-1227/6 K.S:87 516 600 VAN:VPR266	C 680	6 Pairs		3.3859/ 3.3865 86.002/ 86.017	3.5793/ 3.5803 90.914/ 90.940	1.8000 45.72	0.0950 2.413
CR6690CP 1983- CLE:CB-1303P(6) GLA:B6605LB GLY:71-3601/6 K.S:87 269 600 VAN:VPR91901LB	C6690	6 Pairs		3.3859/ 3.3865 86.002/ 86.017	3.5793/ 3.5803 90.914/ 90.940	1.8000 45.72	0.0950 2.413
MB 735CP <i>Set MB7709CP is .030" oversize housing of MB 735CP</i> FMO:4368M GLA:M7291LC GLY:H 842/7 K.S:87 515 600 VAN:VPM91293	M 735U M 735L	7 Pairs		3.9361/ 3.9370 99.977/100.000	4.1330/ 4.1340 104.978/105.004	1.4700 37.34	0.0960 2.438
MB7709CP STD/030 <i>Same as MB 735CP, but with .030" oversize housing.</i>	M7709U M7709L	7 Pairs		3.9361/ 3.9370 99.977/100.000	4.1633/ 4.1640 105.748/105.766	1.4700 37.34	0.1115 2.832
26	TD120C/E Diesel Direct Injection Turbocharged	12000 cc	130.17 X 150.11	6 cyl	F12-38/46/49/52/59		26
	TD120FC/G/GA Diesel Turbocharged & Intercooled	12000 cc	130.17 X 150.11	6 cyl	N10,N12,F12		
CR6691CP -80370 CLE:CB-1192P(6) FMO:6-66615CP GLA:B6469LB GLY:71-3284/6 VAN:VPR91435LB	C6691	6 Pairs		3.6230/ 3.6237 92.024/ 92.042	3.8125/ 3.8130 96.838/ 96.850	1.8098 45.97	0.0940 2.388
CR6692CP 80371- CLE:CB-1304P(6) FMO:6-1275CP GLA:B6606LB GLY:71-3613/6 VAN:VPR91902LB	C6692	6 Pairs		3.6230/ 3.6237 92.024/ 92.042	3.8124/ 3.8130 96.835/ 96.850	1.8201 46.23	0.0930 2.362
MB7004CP FMO:6582M GLA:M7314LB GLY:H 918/7 VAN:VPM91436LB	M7004U M7004L	7 Pairs	1-7	4.2486/ 4.2495 107.914/107.937	4.4504/ 4.4514 113.040/113.066	1.4500 36.83	0.0988 2.510
27	MD120A Diesel Direct Injection	12000 cc	130.18 X 150.11	6 cyl	Industrial		27
	TD120A/GG D Diesel Direct Injection Turbocharged	12000 cc	130.18 X 150.11	6 cyl	Industrial, N12,CH230,F89		
	TAMD120A/B D Diesel Turbocharged TMD120A,TID120F	12000 cc	130.18 X 150.11	6 cyl			
CR6691CP CLE:CB-1192P(6) FMO:6-66615CP GLA:B6469LB GLY:71-3284/6 VAN:VPR91435LB	C6691	6 Pairs		3.6230/ 3.6237 92.024/ 92.042	3.8125/ 3.8130 96.838/ 96.850	1.8098 45.97	0.0940 2.388
MB7004CP FMO:6582M GLA:M7314LB GLY:H 918/7 VAN:VPM91436LB	M7004U M7004L	7 Pairs	1-7	4.2486/ 4.2495 107.914/107.937	4.4504/ 4.4514 113.040/113.066	1.4500 36.83	0.0988 2.510
28	TD121F/FD/G/GD Diesel Turbocharged & Intercooled	12000 cc	130.18 X 150.30	6 cyl	N12,F12,CH230		28
	TD122F Turbo D Diesel TD122FA/FH/FK/FL/FR/FS	12000 cc	130.18 X 150.30	6 cyl	F12,FS12,FS10		

VOLVO				VOLVO				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
TD123E/ES D Diesel Turbocharged		12000 cc	130.18 X 150.30	6 cyl	F12			
CR6692CP CLE:CB-1304P (6) FMO:6-1275CP GLA:B6606LB GLY:71-3613/6 VAN:VPR91902LB	C6692	6 Pairs		3.6230/ 3.6237 92.024/ 92.042	3.8124/ 3.8130 96.835/ 96.850	1.8201 46.23	0.0930 2.362	
MB7004CP FMO:6582M GLA:M7314LB GLY:H 918/7 VAN:VPM91436LB	M7004U M7004L	7 Pairs	1-7	4.2486/ 4.2495 107.914/107.937	4.4504/ 4.4514 113.040/113.066	1.4500 36.83	0.0988 2.510	

Engine Index: WILLYS

Engine-Code	Years	Cyl	CC	Line
A SERIES		4	848	1
A SERIES		4	998	2

Engine-Code	Years	Cyl	CC	Line

Car Model Index: WILLYS

Model	Engine	Years	Cyl	CC	Line
Hornet Mk I	A SERIES	1962-63	4	848	1
Hornet Mk II, III	A SERIES	1963-70	4	998	2

Model	Engine	Years	Cyl	CC	Line

WILLYS				WILLYS				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
1	A SERIES		848 cc	62.92 X 68.26	4 cyl	Hornet Mk I	1	
CR 417AM STD/010/020/030/040/050/060 <i>With hole</i> ACL:4B2201 CLE:CB- 488AL (4) FMO:4-2965CP GLA:B4302SA GLY:01-4313/4 VAN:VPR572A	C 417	4 Pairs		1.6254/ 1.6259 41.285/ 41.298	1.7705/ 1.7710 44.971/ 44.983	0.8800 22.35	0.0719 1.826	
CS 319BB CLE:SH- 84S FMO:1543M GLA:C3046S GLY:N162/3 VAN:VPC956	S 319/1	1	1	1.6645/ 1.6650 42.278/ 42.291	1.7955/ 1.7965 45.606/ 45.631	1.1300 28.70	0.0620 1.575	
	S 319/2	1	2	1.6227/ 1.6232 41.217/ 41.229	1.7535/ 1.7540 44.539/ 44.552	0.7550 19.18	0.0620 1.575	
	S 319/3	1	3	1.3727/ 1.3732 34.867/ 34.879	1.5035/ 1.5043 38.189/ 38.209	0.5350 13.59	0.0620 1.575	
MB 311AM STD/010/020/030/040/050/060 ACL:3M2202 CLE:MS- 735AL FMO:6314M GLA:M3282SA	M 311	3 Pairs		1.7505/ 1.7510 44.463/ 44.475	1.8960/ 1.8965 48.158/ 48.171	1.1920 30.28	0.0723 1.836	
2	A SERIES		998 cc	64.57 X 76.20	4 cyl	Hornet Mk II, III	2	
CR 417AM STD/010/020/030/040/050/060 <i>With hole</i>	C 417	4 Pairs		1.6254/ 1.6259 41.285/ 41.298	1.7705/ 1.7710 44.971/ 44.983	0.8800 22.35	0.0719 1.826	

WILLYS		WILLYS						
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
ACL:4B2201 FMO:4-2965CP GLY:01-4313/4	CLE:CB- 488AL (4) GLA:B4302SA VAN:VPR572A							
CS 319BB CLE:SH- 84S GLA:C3046S VAN:VPC956	FMO:1543M GLY:N162/3	S 319/1	1	1	1.6645/ 1.6650 42.278/ 42.291	1.7955/ 1.7965 45.606/ 45.631	1.1300 28.70	0.0620 1.575
		S 319/2	1	2	1.6227/ 1.6232 41.217/ 41.229	1.7535/ 1.7540 44.539/ 44.552	0.7550 19.18	0.0620 1.575
		S 319/3	1	3	1.3727/ 1.3732 34.867/ 34.879	1.5035/ 1.5043 38.189/ 38.209	0.5350 13.59	0.0620 1.575
MB 321AM STD/010/020/030/040/050/060 ACL:3M2203 FMO:4770M GLY:H1117/3	CLE:MS- 812AL GLA:M3314LC VAN:VPM733A	M 321	3 Pairs		1.7505/ 1.7510 44.463/ 44.475	1.8960/ 1.8965 48.158/ 48.171	1.0670 27.10	0.0721 1.831
TW 206CP ACL:2T2203 FMO:2966BF GLY:A004/4	CLE:TW- 147S GLA:W2122L VAN:VPW81	W 206/D W 206/E	2 Pairs		0.0000/ 0.0000 0.000/ 0.000	0.0000/ 0.0000 0.000/ 0.000	0.0000 0.00	0.0000 0.000

Engine Index: YAMAHA MARINE

Engine-Code	Years	Cyl	CC	Line
181 Chevrolet OHV		4	3000	1
262 Chevrolet OHV		6	4300	2
305 Chevrolet OHV		8	5000	3

Engine-Code	Years	Cyl	CC	Line
350 Chevrolet OHV		8	5700	3

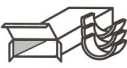







Car Model Index: YAMAHA MARINE

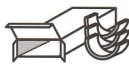




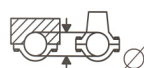


Model	Engine	Years	Cyl	CC	Line

YAMAHA MARINE		YAMAHA MARINE						
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
1	181 Chevrolet OHV			3000 cc	4.00 X 3.60	4 cyl	1	
CR4361SI STD/010/020/030/040 FMO:4-2555A	C 807	4 Pairs		2.0990/ 2.1000 53.315/ 53.340	2.2247/ 2.2252 56.507/ 56.520	0.8420 21.39	0.0621 1.577	
CS 325BB ACL:5C1030 DUR:CH-16	CLE:SH-1030S FMO:1461M	S 325	3	1-2-3	1.8682/ 1.8692 47.452/ 47.478	1.9990/ 2.0010 50.775/ 50.825	0.8650 21.97	0.0644 1.636
MB5313SI Same as MB5532SI but with flange oversize .020"								
MB5532SI STD/010/020/030/040/060 ACL:5M1733 FMO:4123MA	CLE:MS-1733P VAN:VPM91199	M5532U M 752L	4 Pairs	1-2-3-4	2.2983/ 2.2993 58.377/ 58.402	2.4906/ 2.4916 63.261/ 63.287	0.8070 20.50	0.0955 2.426
		F5532U F 752L	1 Pair	5	2.2983/ 2.2993 58.377/ 58.402	2.4900/ 2.4916 63.246/ 63.287	1.0090 25.63	0.0955 2.426

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CR=Connecting Rod MB=Main Bearing CS = Camshaft PB=Piston Bushing TW=Thrust Washer

YAMAHA MARINE				YAMAHA MARINE				
 King Set No.		 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
2	262 Chevrolet OHV			4300 cc	4.00 X 3.48	6 cyl		2
CR6625SI STD/.25/.5/.75 ACL: 6B1358A CLE: CB-1358AL (6) FMO: 6-1020A		C6625	6 Pairs		2.2492/ 2.2498 57.130/ 57.145	2.3747/ 2.3757 60.317/ 60.343	0.7530 19.13	0.0620 1.575
CR6683SI STD/.25/.5/.75 <i>Same as CR6625SI but with housing bore resized .002" larger.</i> ACL: 6B1358PO/S2 CLE: CB-1794A (6) FMO: 6-1020AX2		C6683	6 Pairs		2.2492/ 2.2498 57.130/ 57.145	2.3760/ 2.3770 60.350/ 60.376	0.7530 19.13	0.0630 1.600
CS 414BB STD <i>Except engines stamped with an identification number on front of block starting with "T"</i> ACL: 4C1089 CLE: SH-1350S DUR: CH-17 FMO: 1463M		S 414/1	1	1	1.8682/ 1.8692 47.452/ 47.478	2.0190/ 2.0210 51.283/ 51.333	0.7400 18.80	0.0744 1.890
		S 414/2	2	2,4	1.8682/ 1.8692 47.452/ 47.478	2.0090/ 2.0110 51.029/ 51.079	0.7450 18.92	0.0694 1.763
		S 414/3	1	3	1.8682/ 1.8692 47.452/ 47.478	1.9990/ 2.0010 50.775/ 50.825	0.7400 18.80	0.0644 1.636
CS 435BB STD/010 <i>For engines stamped with an identification number on front of block starting with "T"</i> ACL: 4C1351S CLE: SH-1351 DUR: CH-21 FMO: 1855M		S 435/1	1	1	2.0990/ 2.1000 53.315/ 53.340	2.2305/ 2.2320 56.655/ 56.693	0.7900 20.07	0.0647 1.643
		S 435/2	4	2-3-4-5	2.0990/ 2.1000 53.315/ 53.340	2.2305/ 2.2320 56.655/ 56.693	0.6550 16.64	0.0647 1.643
CS1101BB <i>Aux / Balance shaft rear bearing.</i>								
MB 445SI STD/001/010/020/030 ACL: 4M1454 ~ CLE: MS-1454AL ~ FMO: 5085MA VAN: VPM91820 ~		M 557U M 557L	3 Pairs	1-2-3	2.4484/ 2.4493 62.189/ 62.212	2.6406/ 2.6415 67.071/ 67.094	0.8070 20.50	0.0955 2.426
		F 557U F 557L	1 Pair	4	2.4479/ 2.4488 62.177/ 62.200	2.6406/ 2.6415 67.071/ 67.094	1.7180 43.64	0.0955 2.426
MB 452SI 010 <i>This set is .020" oversize housing of MB 445SI.</i> CLE: MS-1628P FMO: 7380MA		M5570U M5570L	3 Pairs	1-2-3	2.4484/ 2.4493 62.189/ 62.212	2.6606/ 2.6615 67.579/ 67.602	0.8070 20.50	0.1055 2.680
		F5570U F5570L	1 Pair	4	2.4479/ 2.4488 62.177/ 62.200	2.6606/ 2.6615 67.579/ 67.602	1.7180 43.64	0.1055 2.680
3	305 Chevrolet OHV			5000 cc	3.74 X 3.48	8 cyl		3
	350 Chevrolet OHV			5700 cc	4.00 X 3.48	8 cyl		
CR 807SI STD/001/002/010/020/030/040/060/010 ACL: 8B663 ~ CLE: CB- 663AL (8) ~ FMO: 8-2555AP ~ GLA: B8102LC ~ VAN: VPR91324 ~		C 807	8 Pairs		2.0990/ 2.1000 53.315/ 53.340	2.2247/ 2.2252 56.507/ 56.520	0.8420 21.39	0.0621 1.577
CR 865SI STD/010/020/030/040 <i>Same as CR 807SI but with housing bore resized .002" larger</i> ACL: 8B663AO/S2 CLE: CB-1776P (8) FMO: 8-2555AX2		C 865	8 Pairs		2.0990/ 2.1000 53.315/ 53.340	2.2267/ 2.2272 56.558/ 56.571	0.8420 21.39	0.0631 1.603
CS 507BB STD ACL: 5C290 CLE: SH- 290S DUR: CH-8 FMO: 1235M VAN: VPC979								
CS 507HP <i>High Performance</i> DUR: CHP-8								
CS 507HPT <i>High Performance Coated</i> DUR: CHP-8T								
MB 557SI STD/001/002/010/020/030/040/010X/ST ACL: 5M909 ~ CLE: MS- 909AL ~ FMO: 4663M ~ GLA: M5338LC ~ VAN: VPM91338 ~		M 557U M 557L	4 Pairs	1-2-3-4	2.4484/ 2.4493 62.189/ 62.212	2.6406/ 2.6415 67.071/ 67.094	0.8070 20.50	0.0955 2.426
		F 557U F 557L	1 Pair	5	2.4479/ 2.4488 62.177/ 62.200	2.6406/ 2.6415 67.071/ 67.094	1.7180 43.64	0.0955 2.426
MB 557XP STD/001/010/011/020/021/030/010X/02 ACL: 5M909H CLE: MS-909H		M 557U/PR M 557L/PR	4 Pairs	1-2-3-4	2.4483/ 2.4493 62.187/ 62.212	2.6406/ 2.6416 67.071/ 67.097	0.7675 19.49	0.0955 2.426

YAMAHA MARINE				YAMAHA MARINE			
 King Set No.	 Part No.	 Qty.	 Position	 Crankshaft Diameter	 Housing Diameter	 Length	 Wall Thickness
FMO:139M	F 557U/PR F 557L/PR	1 Pair	5	2.4478/ 2.4488 62.174/ 62.200	2.6406/ 2.6416 67.071/ 67.097	1.7180 43.64	0.0955 2.426
MB5183AM _{010/020/030} <i>SUPERSEDED BY MB5183SI</i> <i>Same as MB 557SI but with flange oversize .010".</i> <i>Flange length: 43.89 mm</i> ACL:5M1744 CLE:MS-1744 FMO:7329M							
MB5184SI _{010/020/030/040} <i>Same as MB 557SI but with flange oversize .020".</i> <i>Flange length: 44.15 mm.</i>							
MB5185SI _{010/020/030/040} <i>Same as MB 557SI but with flange oversize .030".</i> <i>Flange length: 44.44 mm</i>							
MB5271SI ₀₁₀ <i>Same as MB 557SI but with flange oversize .020"</i> <i>and .020" oversize housing.</i>	M5570U M5570L	4 Pairs	1-2-3-4	2.4484/ 2.4493 62.189/ 62.212	2.6606/ 2.6615 67.579/ 67.602	0.8070 20.50	0.1055 2.680
	F5271U F5271L	1 Pair	5	2.4479/ 2.4488 62.177/ 62.200	2.6606/ 2.6615 67.579/ 67.602	1.7180 43.64	0.1055 2.680
MB5570SI ₀₁₀ <i>This set is .020" oversize housing of MB 557SI.</i>	M5570U M5570L	4 Pairs	1-2-3-4	2.4484/ 2.4493 62.189/ 62.212	2.6606/ 2.6615 67.579/ 67.602	0.8070 20.50	0.1055 2.680
	F5570U F5570L	1 Pair	5	2.4479/ 2.4488 62.177/ 62.200	2.6606/ 2.6615 67.579/ 67.602	1.7180 43.64	0.1055 2.680

Engine Index: YANMAR

Engine-Code	Years	Cyl	CC	Line
Yanmar 2T Diesel	1980-	0	0	1

Engine-Code	Years	Cyl	CC	Line

Car Model Index: YANMAR

Model	Engine	Years	Cyl	CC	Line
IND.ENGINE	Yanmar 2T Diesel		0		1

Model	Engine	Years	Cyl	CC	Line

YANMAR				YANMAR				
King Set No.	Part No.	Qty.	Position	Crankshaft Diameter	Housing Diameter	Length	Wall Thickness	
1	Yanmar 2T Diesel	1980-		0 cyl	IND.ENGINE		1	
CR1274CP STD/.25/.5 ACL:1B1560 OEM:123220-23300	C1274U C1274L	1 Pair		2.2810/ 2.2820 57.937/ 57.963	2.4803/ 2.4811 63.000/ 63.020	0.0000 0.00	0.0000 0.000	
MB1172CP STD/.25/.5 ACL:1M1564 OEM:123460-02100	M1172U M1172L	1 Pair		0.0000/ 3.0709 0.000/ 78.001	3.3071/ 3.3080 84.000/ 84.023	1.8500 46.99	0.1180 2.997	
MB1173CP STD/.25 ACL:1M1565 OEM:123220-02110	F1173U F1173L	1 Pair		0.0000/ 3.0708 0.000/ 77.998	3.3071/ 3.3080 84.000/ 84.023	2.2050 56.01	0.1180 2.997	
MB1174CP STD/.25/.5 ACL:1M1563 OEM:123460-021120	M1174U M1174L	1 Pair		0.0000/ 3.0709 0.000/ 78.001	3.3071/ 3.3080 84.000/ 84.023	1.4570 37.01	0.1180 2.997	

Set No.	Make	Line
CR 102CP	PETTER	2
CR 103CP	PETTER	3
CR 103CP	PETTER	4
CR 115AM	LISTER	10
CR 118CP	LISTER	6
CR 126CP	CONTINENTAL	1
CR 127CP	GARDNER	4
CR 129AM	LISTER	13
CR 130CP	LISTER	4
CR 130CP	LISTER	5
CR 131CP	FIAT IVECO	24
CR 133CP	KHD	1
CR 133CP	KHD	2
CR 133CP	KHD	5
CR 133CP	KHD	6
CR 135CP	LISTER	15
CR 135CP	LISTER	16
CR 137CP	DETROIT DIESEL	1
CR 137CP	DETROIT DIESEL	2
CR 155CP	FIAT TRACTOR	1
CR 155CP	FIAT / ALLIS	2
CR 155CP	FIAT TRACTOR	2
CR 155CP	O.M.	2
CR 155CP	FIAT / ALLIS	3
CR 155CP	O.M.	3
CR 155CP	FIAT / ALLIS	4
CR 155CP	O.M.	7
CR 155CP	FIAT TRACTOR	8
CR 155CP	FIAT IVECO	9
CR 155CP	FIAT IVECO	16
CR 156SI	JOHN DEERE	2
CR 156SI	JOHN DEERE	3
CR 156SI	JOHN DEERE	5
CR 156SI	JOHN DEERE	13
CR 156SI	JOHN DEERE	14
CR 156SI	JOHN DEERE	17
CR 156SI	JOHN DEERE	19
CR 179AM	LOMBARDINI	3
CR 179AM	LOMBARDINI	6
CR 179AM	LOMBARDINI	7
CR 179AM	LOMBARDINI	8
CR 180AM	RUGGERINI	3
CR 180AM	RUGGERINI	5
CR 183CP	FIAT TRACTOR	5
CR 183CP	O.M.	6
CR 183CP	FIAT TRACTOR	7
CR 183CP	FIAT IVECO	14
CR 186CP	LISTER	2
CR 188AM	PETTER	1
CR 188AM	LISTER	3
CR 189AM	JOHN DEERE	12
CR 189AM	JOHN DEERE	15
CR 189AM	JOHN DEERE	16
CR 191SI	CATERPILLAR 1	11
CR 191SI	CATERPILLAR 1	13
CR 191SI	CATERPILLAR 1	14
CR 196AM	I.H.C.	2
CR 196AM	I.H.C.	3
CR 196AM	INTERNATIONAL	4
CR 196AM	I.H.C.	7
CR 197AM	MWM	1
CR 201AM	SUBARU	1
CR 202AM	NORTON	2
CR 203AM	NORTON	1
CR 215CP	LISTER	7
CR 215CP	LISTER	8
CR 216CP	LISTER	9
CR 217AM	LISTER	12
CR 218AM	PETTER	5
CR 301AM	PERKINS	7
CR 301AM	LEYLAND	10
CR 301AM	FORD EUROPE	30
CR 302AM	FORD EUROPE	1
CR 302AM	FORD TRACTOR	3
CR 302AM	FORD EUROPE	36
CR 304AM	INTERNATIONAL	2
CR 306AM	KIA	1

Set No.	Make	Line
CR 306AM	DAIHATSU	4
CR 306AM	DAIHATSU	6
CR 307AM	GENERAL MOTORS	1
CR 307AM	SUZUKI	4
CR 309AM	DAIHATSU	1
CR 312AM	SUBARU	3
CR 313AM	DAVID BROWN	1
CR 314AM	I.H.C.	2
CR 314AM	JOHN DEERE	16
CR 315AM	JOHN DEERE	8
CR 317CP	FIAT TRACTOR	1
CR 317CP	FIAT / ALLIS	2
CR 317CP	O.M.	2
CR 319AM	BOLINDER	2
CR 321AM	SUBARU	2
CR 322AM	I.H.C.	2
CR 322AM	INTERNATIONAL	2
CR 323AM	SUZUKI	1
CR 324AM	DAEWOO	1
CR 324AM	SUZUKI	2
CR 325CP	LISTER	11
CR 329AM	DAIHATSU	7
CR 330AM	DAIHATSU	5
CR 331AM	DAIHATSU	2
CR 332CP	O.M.	6
CR 332CP	FIAT TRACTOR	7
CR 333CP	SMART	1
CR 334CP	SMART	1
CR 339AM	DAIHATSU	3
CR 340XA	SMART	2
CR 341SI	HYUNDAI	4
CR 343CP	OPEL	1
CR 343CP	VAUXHALL	1
CR 346AM	DAEWOO	2
CR 349XA	VOLKSWAGEN	7
CR 401AM	JEEP	2
CR 405AM	KIA	6
CR 405AM	KIA	7
CR 405AM	FORD (U.S.A.)	13
CR 405AM	FORD (U.S.A.)	15
CR 405AM	MAZDA	18
CR 405AM	MAZDA	19
CR 405AM	MAZDA	20
CR 405CP	KIA	7
CR 407AM	NISSAN	9
CR 407AM	NISSAN	15
CR 407XP	NISSAN	1
CR 408AM	AUDI	1
CR 408AM	VOLKSWAGEN	2
CR 408AM	VOLKSWAGEN	3
CR 408AM	VOLKSWAGEN	4
CR 408AM	VOLKSWAGEN	6
CR 409AM	VOLKSWAGEN	8
CR 410AM	FORD (U.S.A.)	3
CR 410AM	FORD (U.S.A.)	4
CR 410AM	FORD EUROPE	9
CR 410AM	FORD EUROPE	10
CR 410CP	FORD EUROPE	9
CR 410CP	FORD EUROPE	10
CR 411AM	AUDI	3
CR 411AM	VOLKSWAGEN	5
CR 411AM	CHRYSLER	6
CR 411AM	AUDI	9
CR 411AM	VOLKSWAGEN	9
CR 413AM	TOYOTA	7
CR 414AM	AUTO BIANCHI	1
CR 414AM	FIAT	1
CR 414AM	SEAT	1
CR 414AM	AUTO BIANCHI	2
CR 414AM	FIAT	2
CR 414AM	SEAT	2
CR 414AM	AUTO BIANCHI	3
CR 414AM	FIAT	3
CR 416AM	RENAULT	1
CR 417AM	AUSTIN	1
CR 417AM	M.G.	1
CR 417AM	WILLYS	1

Set No.	Make	Line
CR 417AM	AUSTIN	2
CR 417AM	WILLYS	2
CR 417AM	AUSTIN	3
CR 417AM	AUSTIN	4
CR 417AM	M.G.	4
CR 417AM	AUSTIN	5
CR 418AM	DAEWOO	5
CR 418AM	OPEL	5
CR 418AM	BEDFORD	6
CR 418AM	OPEL	8
CR 418AM	VAUXHALL	9
CR 418CP	DAEWOO	5
CR 418CP	BEDFORD	6
CR 418CP	OPEL	8
CR 418CP	VAUXHALL	9
CR 420AM	LEYLAND	2
CR 420AM	AUSTIN	6
CR 420AM	M.G.	7
CR 420AM	M.G.	10
CR 421AM	BEDFORD	7
CR 421AM	VAUXHALL	10
CR 421AM	OPEL	11
CR 421AM	GENERAL MOTORS	12
CR 422AM	PEUGEOT	17
CR 422AM	CITROEN	18
CR 422AM	PEUGEOT	19
CR 422AM	FIAT	21
CR 424AM	CHRYSLER	20
CR 426AM	NISSAN	7
CR 426AM	NISSAN	8
CR 426AM	NISSAN	11
CR 429AM	GENERAL MOTORS	4
CR 429AM	TOYOTA	7
CR 429AM	TOYOTA	10
CR 430AM	TRIUMPH	1
CR 430AM	TRIUMPH	2
CR 432SI	SAAB	1
CR 432SI	FORD EUROPE	15
CR 434AM	BEDFORD	1
CR 434AM	BEDFORD	2
CR 434AM	BEDFORD	3
CR 434AM	VAUXHALL	3
CR 434AM	VAUXHALL	4
CR 434AM	VAUXHALL	7
CR 435AM	FIAT	13
CR 436AM	FORD (U.S.A.)	2
CR 436AM	FORD (U.S.A.)	7
CR 437AM	VOLKSWAGEN	10
CR 437AM	VOLKSWAGEN	16
CR 437AM	VOLKSWAGEN	27
CR 437AM	VOLKSWAGEN	28
CR 438AM	FERGUSON	1
CR 438AM	TRIUMPH	7
CR 439AM	ACURA	4
CR 439AM	HONDA	16
CR 439AM	HONDA	17
CR 439XP	HONDA	2
CR 439XP	ACURA	3
CR 439XP	HONDA	3
CR 439XP	HONDA	4
CR 439XP	HONDA	5
CR 440CP	mitsubishi	20
CR 442CP	mitsubishi	20
CR 443AM	MERCEDES BENZ	10
CR 443AM	MERCEDES BENZ	11
CR 444AM	OPEL	2
CR 444AM	VAUXHALL	2
CR 444AM	VAUXHALL	5
CR 445CP	BEDFORD	13
CR 445CP	ISUZU	15
CR 446AM	RENAULT	2
CR 446AM	VOLVO	2
CR 446AM	RENAULT	3
CR 446AM	RENAULT	4
CR 446AM	RENAULT	5
CR 447CP	M.A.N.	1
CR 448AM	TRIUMPH	2

Set No.	Make	Line
CR 448AM	TRIUMPH	4
CR 448AM	M.G.	8
CR 449AM	FORD EUROPE	21
CR 451AM	FORD (U.S.A.)	37
CR 451AM	FORD EUROPE	37
CR 451CP	FORD EUROPE	37
CR 454AM	PERKINS	8
CR 454AM	PERKINS	11
CR 456AM	PERKINS	5
CR 456AM	BEDFORD	8
CR 456AM	FORD EUROPE	17
CR 457AM	DAVID BROWN	2
CR 459AM	LEYLAND	17
CR 462AM	BEDFORD	17
CR 464AM	PERKINS	13
CR 464AM	PERKINS	14
CR 464AM	VOLVO	16
CR 464CP	PERKINS	14
CR 467CP	MERCEDES BENZ	31
CR 468AM	PERKINS	15
CR 468AM	PERKINS	17
CR 468AM	PERKINS	18
CR 471CP	BOLINDER	3
CR 472AM	NISSAN	20
CR 472AM	NISSAN	27
CR 472AM	NISSAN	28
CR 474SI	BEDFORD	10
CR 474SI	ISUZU	12
CR 474SI	ISUZU	14
CR 474SI	GENERAL MOTORS	21
CR 475AM	M.G.	2
CR 501AM	AUDI	21
CR 501AM	VOLKSWAGEN	29
CR 502AM	VOLVO	6
CR 502AM	AUDI	22
CR 502AM	VOLKSWAGEN	39
CR 503AM	MERCEDES BENZ	25
CR 504CP	M.A.N.	4
CR 505AM	VOLKSWAGEN	40
CR 506AM	MERCEDES BENZ	13
CR 506AM	MERCEDES BENZ	21
CR 507AM	FIAT	28
CR 509AM	VOLVO	11
CR 509AM	RENAULT	29
CR 510AM	MERCEDES BENZ	25
CR 511CP	MERCEDES BENZ	48
CR 512CP	MERCEDES BENZ	47
CR 517AM	VOLKSWAGEN	37
CR 518AM	TOYOTA	49
CR 520AM	ACURA	9
CR 521CP	LAND ROVER	11
CR 522XA	MERCEDES BENZ	13
CR 522XA	MERCEDES BENZ	21
CR 525SI	ISUZU	24
CR 525SI	GENERAL MOTORS	36
CR 526CP	LANCIA	22
CR 526SX	ALFA ROMEO	6
CR 526SX	LANCIA	21
CR 526SX	FIAT	31
CR 603AM	I.K.A. (ARGENTINA)	2
CR 603AM	JEEP	11
CR 604AM	BEDFORD	21
CR 605SI	JEEP	7
CR 605SI	JEEP	8
CR 605SI	ISUZU	20
CR 605SI	GENERAL MOTORS	30
CR 605SI	GENERAL MOTORS	34
CR 605SI	GENERAL MOTORS	35
CR 607AM	GENERAL MOTORS	51
CR 610AM	GENERAL MOTORS	49
CR 611AM	BEDFORD	21
CR 612AM	GENERAL MOTORS	57
CR 613AM	ROVER	9
CR 614AM	CHRYSLER	28
CR 614AM	CHRYSLER	31
CR 618AM	FORD (U.S.A.)	33
CR 618AM	FORD (U.S.A.)	34

Set No.	Make	Line
CR 618AM	FORD (U.S.A.)	35
CR 618AM	FORD (U.S.A.)	36
CR 618AM	FORD (U.S.A.)	42
CR 621AM	I.K.A. (ARGENTINA)	3
CR 621AM	JEEP	12
CR 624AM	GENERAL MOTORS	45
CR 624AM	GENERAL MOTORS	46
CR 625AM	TRIUMPH	5
CR 625AM	TRIUMPH	9
CR 627CP	PEGASO	3
CR 628CP	PEGASO	4
CR 629CP	HINO	5
CR 632AM	BEDFORD	19
CR 635CP	HYUNDAI	18
CR 635CP	MITSUBISHI	34
CR 636CP	MITSUBISHI	33
CR 637CP	MITSUBISHI	30
CR 638CP	M.A.N.	3
CR 638CP	DAEWOO	8
CR 639AM	MITSUBISHI	22
CR 640SI	FORD (U.S.A.)	51
CR 641SI	GENERAL MOTORS	53
CR 642SI	RELIANT	3
CR 642SI	FORD EUROPE	22
CR 642SI	FORD (U.S.A.)	25
CR 642SI	FORD (U.S.A.)	26
CR 642SI	FORD (U.S.A.)	27
CR 642SI	FORD (U.S.A.)	28
CR 642SI	FORD (U.S.A.)	29
CR 642SI	FORD EUROPE	31
CR 642SI	FORD EUROPE	32
CR 642SI	MAZDA	33
CR 642SI	FORD EUROPE	34
CR 642SI	MAZDA	34
CR 642SI	FORD (U.S.A.)	40
CR 642SI	FORD (U.S.A.)	41
CR 643AM	VAUXHALL	16
CR 643AM	OPEL	25
CR 643AM	OPEL	26
CR 645CP	M.A.N.	2
CR 646AM	RELIANT	4
CR 646AM	FORD EUROPE	35
CR 647AM	LAND ROVER	12
CR 648SI	INTERNATIONAL	3
CR 648SI	AMERICAN MOTORS	7
CR 648SI	JEEP	13
CR 648SI	JEEP	14
CR 649AM	TOYOTA	59
CR 650AM	VAUXHALL	15
CR 650AM	OPEL	23
CR 651CP	LEYLAND	29
CR 651CP	LEYLAND	30
CR 652AM	LEYLAND	25
CR 652CP	LEYLAND	24
CR 652CP	LEYLAND	25
CR 653AM	BEDFORD	18
CR 654AM	FORD EUROPE	41
CR 654AM	FORD EUROPE	42
CR 654AM	FORD (U.S.A.)	55
CR 654CP	FORD EUROPE	41
CR 654CP	FORD EUROPE	42
CR 655AM	PERKINS	16
CR 656CP	M.A.N.	6
CR 657CP	VOLVO	1
CR 657CP	VOLVO	20
CR 658CP	PEGASO	1
CR 659CP	PEGASO	2
CR 660CP	SCANIA	1
CR 661CP	HINO	2
CR 662SI	CUMMINS	4
CR 663CP	HINO	3
CR 664CP	HINO	6
CR 665CP	HINO	12
CR 665CP	HINO	13
CR 666CP	SCANIA	2
CR 667CP	HINO	10
CR 667CP	HINO	11

Set No.	Make	Line
CR 668CP	VOLKSWAGEN/MAN	2
CR 669AM	LEYLAND	21
CR 670CP	MACK	1
CR 673AM	PERKINS	19
CR 673AM	PERKINS	21
CR 673AM	LEYLAND	22
CR 673AM	LEYLAND	23
CR 673AM	PERKINS	24
CR 673CP	PERKINS	24
CR 674CP	MERCEDES BENZ	40
CR 675SI	CUMMINS	5
CR 676CP	MERCEDES BENZ	49
CR 677CP	FIAT TRACTOR	5
CR 677CP	O.M.	6
CR 677CP	FIAT TRACTOR	7
CR 677CP	FIAT IVECO	14
CR 679AM	BEDFORD	20
CR 680CP	VOLVO	22
CR 680CP	VOLVO	23
CR 680CP	VOLVO	25
CR 681CP	MERCEDES BENZ	51
CR 682AM	FORD (BRASIL)	3
CR 682AM	FORD TRACTOR	11
CR 682AM	FORD EUROPE	44
CR 683CP	GARDNER	5
CR 685AM	PERKINS	20
CR 690CP	GARDNER	4
CR 691SI	FORD (U.S.A.)	30
CR 691SI	MAZDA	31
CR 692AM	ISUZU	33
CR 693AM	INTERNATIONAL	4
CR 693AM	I.H.C.	7
CR 696AM	TOYOTA	39
CR 697CP	JAGUAR (BRITISH)	1
CR 697CP	JAGUAR (BRITISH)	2
CR 697CP	JAGUAR (BRITISH)	4
CR 697CP	JAGUAR (BRITISH)	5
CR 697CP	MERCEDES BENZ	18
CR 697CP	MERCEDES BENZ	35
CR 697XP	JAGUAR	1
CR 697XP	MERCEDES BENZ	1
CR 697XP	JAGUAR	2
CR 697XP	MERCEDES BENZ	2
CR 699CP	DAF	3
CR 803AM	GENERAL MOTORS	59
CR	GENERAL MOTORS	1
CR 803XPN	GENERAL MOTORS	1
CR	FORD	8
CR 804SI	FORD (U.S.A.)	52
CR 804XPN	FORD	8
CR 805SI	JEEP	16
CR 805SI	JEEP	19
CR 805SI	CHRYSLER	38
CR 805SI	CHRYSLER	39
CR 805SI	CHRYSLER	40
CR 805SI	CHRYSLER	45
CR 805SI	CHRYSLER	46
CR 805XPN	CHRYSLER	6
CR 806AM	CHRYSLER	48
CR 806AM	CHRYSLER	50
CR 806AM	CHRYSLER	51
CR	CHRYSLER	7
CR	CHRYSLER	8
CR	CHRYSLER	9
CR	CHRYSLER	7
CR	CHRYSLER	8
CR	CHRYSLER	9
CR	GENERAL MOTORS	2
CR	GENERAL MOTORS	3
CR	GENERAL MOTORS	5
CR	GENERAL MOTORS	2
CR	GENERAL MOTORS	3
CR	GENERAL MOTORS	5
CR 807SI	YAMAHA MARINE	3
CR 807SI	ISUZU	30
CR 807SI	ISUZU	31
CR 807SI	ISUZU	32

Set No.	Make	Line
CR 807SI	GENERAL MOTORS	63
CR 807SI	GENERAL MOTORS	64
CR 807SI	GENERAL MOTORS	67
CR 807XPN	GENERAL MOTORS	2
CR 807XPN	GENERAL MOTORS	3
CR 807XPN	GENERAL MOTORS	5
CR	GENERAL MOTORS	2
CR	GENERAL MOTORS	3
CR	GENERAL MOTORS	5
CR	GENERAL MOTORS	4
CR	GENERAL MOTORS	6
CR	GENERAL MOTORS	7
CR	GENERAL MOTORS	4
CR	GENERAL MOTORS	6
CR	GENERAL MOTORS	7
CR 808SI	GENERAL MOTORS	71
CR 808SI	GENERAL MOTORS	75
CR 808SI	GENERAL MOTORS	76
CR 808XPN	GENERAL MOTORS	4
CR 808XPN	GENERAL MOTORS	6
CR 808XPN	GENERAL MOTORS	7
CR	GENERAL MOTORS	4
CR	GENERAL MOTORS	6
CR	GENERAL MOTORS	7
CR 809AM	FORD (U.S.A.)	61
CR 809AM	FORD (U.S.A.)	65
CR 809AM	FORD (U.S.A.)	66
CR 810AM	FORD (U.S.A.)	50
CR 810AM	FORD (U.S.A.)	54
CR 811SI	JEEP	17
CR 811SI	GENERAL MOTORS	37
CR 811SI	GENERAL MOTORS	54
CR 811SI	GENERAL MOTORS	56
CR 811SI	GENERAL MOTORS	62
CR 812AM	PERKINS	25
CR 812AM	LEYLAND	27
CR 812AM	FORD EUROPE	46
CR 813SI	FORD (U.S.A.)	58
CR 813SI	FORD (U.S.A.)	62
CR 813SI	FORD (U.S.A.)	63
CR 814SI	FORD (U.S.A.)	59
CR 814SI	FORD (U.S.A.)	60
CR 814XPN	FORD	12
CR 815CP	GENERAL MOTORS	58
CR 815CP	GENERAL MOTORS	65
CR 815CP	GENERAL MOTORS	68
CR 815CP	GENERAL MOTORS	74
CR 816SI	FORD (U.S.A.)	69
CR 817AM	GENERAL MOTORS	60
CR 817AM	GENERAL MOTORS	61
CR 817AM	GENERAL MOTORS	69
CR 818SI	AMERICAN MOTORS	8
CR 818SI	JEEP	18
CR 819CP	GENERAL MOTORS	55
CR 820AM	HOLDEN	4
CR 822AM	TRIUMPH	10
CR 823AM	PERKINS	26
CR 823AM	LEYLAND	28
CR 824CP	GARDNER	8
CR 827AM	INTERNATIONAL	4
CR 828CP	INTERNATIONAL	8
CR 828CP	I.H.C.	11
CR 829CP	INTERNATIONAL	6
CR 829CP	I.H.C.	10
CR 829CP	FORD (U.S.A.)	68
CR 830CP	INTERNATIONAL	11
CR 831CP	CATERPILLAR	7
CR 831SI	CATERPILLAR 1	13
CR 841CP	SCANIA	3
CR 847CP	GARDNER	1
CR 852HP	GENERAL MOTORS	1
CR 855HP	FORD	8
CR 859AM	INTERNATIONAL	5
CR 859AM	I.H.C.	9
CR 860CP	FIAT IVECO	31
CR 865SI	YAMAHA MARINE	3
CR 865SI	ISUZU	30

Set No.	Make	Line
CR 865SI	ISUZU	31
CR 865SI	ISUZU	32
CR 865SI	GENERAL MOTORS	63
CR 865SI	GENERAL MOTORS	64
CR 865SI	GENERAL MOTORS	67
CR	FORD	3
CR	FORD	4
CR	FORD	5
CR	FORD	6
CR	FORD	7
CR	FORD	9
CR	FORD	10
CR 868SI	FORD (U.S.A.)	44
CR 868SI	FORD (U.S.A.)	45
CR 868SI	FORD (U.S.A.)	46
CR 868SI	FORD (U.S.A.)	47
CR 868SI	FORD (U.S.A.)	48
CR 868SI	FORD (U.S.A.)	49
CR 868SI	FORD (U.S.A.)	53
CR 868SI	FORD (U.S.A.)	56
CR 868SI	FORD (U.S.A.)	57
CR 868XPN	FORD	3
CR 868XPN	FORD	4
CR 868XPN	FORD	5
CR 868XPN	FORD	6
CR 868XPN	FORD	7
CR 868XPN	FORD	9
CR 868XPN	FORD	10
CR 871SI	FORD (U.S.A.)	52
CR 872SI	FORD (U.S.A.)	59
CR 872SI	FORD (U.S.A.)	60
CR 873CP	GENERAL MOTORS	66
CR 874HP	FORD	14
CR 875CP	KHD	10
CR 875CP	KHD	11
CR 876CP	FIAT IVECO	23
CR 876CP	FIAT IVECO	30
CR 877CP	FIAT IVECO	30
CR 879CP	DETROIT DIESEL	2
CR 881SI	FORD (U.S.A.)	44
CR 881SI	FORD (U.S.A.)	45
CR 881SI	FORD (U.S.A.)	46
CR 881SI	FORD (U.S.A.)	47
CR 881SI	FORD (U.S.A.)	48
CR 881SI	FORD (U.S.A.)	49
CR 881SI	FORD (U.S.A.)	53
CR 881SI	FORD (U.S.A.)	56
CR 881SI	FORD (U.S.A.)	57
CR 884AM	GENERAL MOTORS	44
CR 885CP	MITSUBISHI	35
CR 886CP	KIA	15
CR 886CP	HINO	16
CR 887CP	INTERNATIONAL	7
CR 887CP	FORD (U.S.A.)	67
CR 888CP	LEXUS	4
CR 888CP	TOYOTA	58
CR 890CP	LAND ROVER	17
CR 891CP	MERCEDES BENZ	37
CR 892CP	MERCEDES BENZ	34
CR 893AM	AUDI	25
CR 895CP	AUDI	25
CR 896CP	B.M.W	9
CR 897CP	B.M.W	8
CR 899CP	CATERPILLAR	3
CR 899SI	CATERPILLAR 1	8
CR1007AM	JOHN DEERE	9
CR1009AM	LOMBARDINI	1
CR1010AM	LOMBARDINI	2
CR1013CP	KHD	3
CR1013CP	KHD	7
CR1014CP	MERCEDES BENZ	41
CR1017CP	MERCEDES BENZ	44
CR1018XA	MERCEDES BENZ	5
CR1018XA	MERCEDES BENZ	20
CR1018XA	CHRYSLER	23
CR1018XA	MERCEDES BENZ	24
CR1019CP	B.M.W	10

Set No.	Make	Line
CR1019CP	B.M.W	11
CR1022CP	CATERPILLAR	4
CR1022SI	CATERPILLAR 1	9
CR1023CP	CATERPILLAR	9
CR1023SI	CATERPILLAR 1	1
CR1023SI	CATERPILLAR 1	2
CR1026CP	MWM-DITER	1
CR1035SI	CUMMINS	1
CR1035SI	CUMMINS	2
CR1035SI	CHRYSLER	41
CR1035SI	CHRYSLER	43
CR1039SI	FORD (U.S.A.)	64
CR1203CP	JAGUAR (BRITISH	6
CR1203CP	MERCEDES BENZ	38
CR1204CP	CATERPILLAR	8
CR1204SI	CATERPILLAR 1	14
CR1205CP	R.V.I.	7
CR1205CP	R.V.I.	8
CR1205CP	R.V.I.	10
CR1205CP	R.V.I.	12
CR1206AM	RUGGERINI	1
CR1207AM	RUGGERINI	2
CR1207AM	RUGGERINI	4
CR1208CP	FIAT IVECO	8
CR1209CP	FIAT / ALLIS	1
CR1209CP	FIAT IVECO	2
CR1209CP	FIAT TRACTOR	3
CR1209CP	FIAT IVECO	5
CR1209CP	O.M.	5
CR1209CP	FIAT TRACTOR	6
CR1209CP	FIAT IVECO	7
CR1209CP	FIAT IVECO	10
CR1209CP	FIAT IVECO	13
CR1210CP	FIAT / ALLIS	9
CR1210CP	O.M.	11
CR1210CP	O.M.	12
CR1210CP	FIAT IVECO	22
CR1210CP	FIAT IVECO	27
CR1211CP	FIAT / ALLIS	9
CR1211CP	O.M.	12
CR1211CP	O.M.	13
CR1211CP	FIAT IVECO	22
CR1211CP	FIAT IVECO	27
CR1211CP	FIAT IVECO	28
CR1212CP	FIAT / ALLIS	9
CR1212CP	O.M.	12
CR1212CP	O.M.	13
CR1212CP	FIAT IVECO	27
CR1212CP	FIAT IVECO	28
CR1212CP	FIAT IVECO	29
CR1213CP	FIAT TRACTOR	4
CR1213CP	O.M.	4
CR1213CP	FIAT / ALLIS	6
CR1213CP	O.M.	8
CR1213CP	FIAT TRACTOR	9
CR1213CP	FIAT IVECO	12
CR1213CP	FIAT IVECO	17
CR1213CP	FIAT IVECO	18
CR1214CP	FIAT TRACTOR	4
CR1214CP	O.M.	4
CR1214CP	FIAT / ALLIS	6
CR1214CP	O.M.	8
CR1214CP	FIAT TRACTOR	9
CR1214CP	FIAT IVECO	12
CR1214CP	FIAT IVECO	17
CR1215CP	FIAT / ALLIS	5
CR1217AM	I.H.C.	2
CR1217AM	I.H.C.	3
CR1217AM	INTERNATIONAL	4
CR1217AM	I.H.C.	7
CR1222CP	M.A.N.	7
CR1222CP	M.A.N.	8
CR1222CP	M.A.N.	9
CR1222CP	MERCEDES BENZ	53
CR1228SI	JOHN DEERE	20
CR1230CP	R.V.I.	13
CR1231CP	R.V.I.	12

Set No.	Make	Line
CR1231CP	R.V.I.	13
CR1232CP	R.V.I.	11
CR1233CP	R.V.I.	9
CR1234CP	M.A.N.	7
CR1234CP	M.A.N.	8
CR1234CP	M.A.N.	9
CR1234CP	MERCEDES BENZ	50
CR1234CP	MERCEDES BENZ	53
CR1234CP	MERCEDES BENZ	54
CR1234CP	MERCEDES BENZ	55
CR1235CP	R.V.I.	6
CR1238CP	MWM	3
CR1239CP	KHD	8
CR1239CP	KHD	9
CR1239CP	KHD	10
CR1239CP	KHD	11
CR1239CP	KHD	12
CR1239CP	KHD	13
CR1239CP	KHD	14
CR1239CP	KHD	15
CR1240SI	CHRYSLER	52
CR1240SI	CHRYSLER	53
CR1242CP	MERCEDES BENZ	50
CR1243CP	CUMMINS	7
CR1255AM	JOHN DEERE	18
CR1256SI	JOHN DEERE	6
CR1256SI	JOHN DEERE	7
CR1259CP	HATZ	1
CR1274CP	YANMAR	1
CR1278SI	LOMBARDINI	4
CR1283SI	CUMMINS	5
CR1284SI	CUMMINS	5
CR1285SI	CUMMINS	3
CR1286SI	CUMMINS	4
CR1288SI	MINISUBISHI	1
CR1288SI	MINISUBISHI	4
CR1289SI	MINISUBISHI	2
CR1289SI	MINISUBISHI	3
CR1290SI	MINISUBISHI	5
CR1290SI	MINISUBISHI	9
CR1295CP	SAME	1
CR1296CP	JOHN DEERE	21
CR1302SI	JOHN DEERE	22
CR1304CP	R.V.I.	11
CR1305SI	CUMMINS	1
CR1305SI	CUMMINS	2
CR1305SI	CHRYSLER	42
CR1305SI	CHRYSLER	44
CR1305SI	CHRYSLER	49
CR1312CA	FIAT IVECO	1
CR1316SI	FORD (U.S.A.)	64
CR1317SI	CHRYSLER	52
CR1317SI	CHRYSLER	53
CR1319CP	FIAT / ALLIS	7
CR1319CP	O.M.	9
CR1319CP	FIAT TRACTOR	10
CR1319CP	FIAT IVECO	20
CR1610CP	MWM	2
CR1610CP	VOLKSWAGEN	42
CR4001AM	CITROEN	13
CR4001AM	PEUGEOT	15
CR4002AM	KIA	4
CR4002AM	FORD (U.S.A.)	6
CR4002AM	MAZDA	7
CR4002AM	MAZDA	10
CR4002XP	MAZDA	2
CR4003AM	SAAB	3
CR4003CP	SAAB	4
CR4004AM	ISUZU	1
CR4004AM	ISUZU	2
CR4005AM	NISSAN	3
CR4006AM	JEEP	1
CR4006AM	AMERICAN MOTORS	4
CR4006AM	CHRYSLER	11
CR4006AM	CITROEN	22
CR4006AM	RENAULT	24
CR4006AM	RENAULT	26

Set No.	Make	Line
CR4006AM	PEUGEOT	28
CR4007AM	LADA	2
CR4009AM	FORD (U.S.A.)	17
CR4010AM	FORD (U.S.A.)	20
CR4010AM	FORD (U.S.A.)	23
CR4011AM	ROVER	3
CR4011AM	AUSTIN	7
CR4011AM	M.G.	9
CR4013AM	SEAT	5
CR4015AM	R.V.I.	1
CR4015AM	RENAULT	18
CR4015AM	CITROEN	19
CR4015AM	RENAULT	19
CR4015AM	RENAULT	20
CR4015AM	PEUGEOT	24
CR4016AM	TALBOT	10
CR4016AM	FORD EUROPE	25
CR4016AM	PEUGEOT	29
CR4016AM	PEUGEOT	35
CR4017AM	BEDFORD	7
CR4017AM	VAUXHALL	10
CR4017AM	ISUZU	11
CR4017AM	OPEL	11
CR4017AM	OPEL	12
CR4017AM	VAUXHALL	12
CR4017AM	OPEL	15
CR4017AM	GENERAL MOTORS	18
CR4017AM	OPEL	18
CR4018AM	TOYOTA	25
CR4019AM	AMERICAN MOTORS	2
CR4019AM	RENAULT	16
CR4019AM	RENAULT	23
CR4020AM	GENERAL MOTORS	2
CR4020AM	DAEWOO	4
CR4020AM	SUZUKI	6
CR4021SI	FORD (U.S.A.)	9
CR4021SI	FORD EUROPE	18
CR4023SI	JEEP	4
CR4023SI	AMERICAN MOTORS	5
CR4023SI	JEEP	5
CR4023SI	CHRYSLER	17
CR4025AM	LEYLAND	5
CR4025AM	PERKINS	6
CR4025AM	AUSTIN	10
CR4026CP	PEUGEOT	34
CR4027AM	TOYOTA	5
CR4028AM	TOYOTA	30
CR4031CP	FIAT TRACTOR	2
CR4031CP	FIAT / ALLIS	3
CR4031CP	O.M.	3
CR4031CP	FIAT IVECO	9
CR4032SI	GENERAL MOTORS	5
CR4032SI	TOYOTA	9
CR4032SI	TOYOTA	11
CR4032SI	TOYOTA	12
CR4033AM	ACURA	6
CR4033AM	HONDA	19
CR4033AM	HONDA	21
CR4033CA	HONDA	20
CR4033XP	HONDA	8
CR4033XP	HONDA	9
CR4033XP	HONDA	10
CR4036AM	FERGUSON	2
CR4036AM	TRIUMPH	8
CR4037AM	FERGUSON	2
CR4037AM	LEYLAND	8
CR4037AM	TRIUMPH	8
CR4037AM	TALBOT	9
CR4038AM	I.H.C.	1
CR4038AM	INTERNATIONAL	1
CR4040AM	FORD EUROPE	5
CR4040AM	FORD EUROPE	8
CR4042AM	B.M.W	2
CR4043CP	ISUZU	21
CR4043CP	ISUZU	22
CR4043CP	ISUZU	25
CR4043CP	ISUZU	28

Set No.	Make	Line
CR4044AM	DAVID BROWN	3
CR4046AM	ACURA	1
CR4046AM	HONDA	10
CR4046AM	HONDA	18
CR4046XP	ACURA	1
CR4046XP	HONDA	1
CR4046XP	HONDA	6
CR4047CP	FORD TRACTOR	6
CR4047CP	FORD TRACTOR	8
CR4047CP	FORD EUROPE	40
CR4048CP	MERCEDES BENZ	30
CR4048CP	MERCEDES BENZ	31
CR4048CP	MERCEDES BENZ	32
CR4048CP	MERCEDES BENZ	33
CR4049AM	CHRYSLER	3
CR4049AM	CHRYSLER	4
CR4049AM	HYUNDAI	7
CR4049AM	MINISUBISHI	7
CR4050AM	DAVID BROWN	4
CR4052AM	TOYOTA	48
CR4052AM	TOYOTA	50
CR4052AM	TOYOTA	51
CR4053AM	DAIHATSU	11
CR4053AM	DAIHATSU	12
CR4056AM	GENERAL MOTORS	6
CR4056AM	SUZUKI	7
CR4057AM	JOHN DEERE	12
CR4059SI	GENERAL MOTORS	22
CR4060AM	MERCEDES BENZ	10
CR4060CP	MERCEDES BENZ	10
CR4060CP	MERCEDES BENZ	11
CR4062AM	FORD (U.S.A.)	5
CR4064AM	ROVER	5
CR4064AM	LEYLAND	6
CR4064AM	AUSTIN	9
CR4064AM	M.G.	12
CR4064CP	AUSTIN	9
CR4065AM	NISSAN	24
CR4066CP	CASE	1
CR4068AM	FORD TRACTOR	1
CR4069AM	FORD TRACTOR	2
CR4070AM	CONTINENTAL	2
CR4070AM	CONTINENTAL	3
CR4071AM	MERCEDES BENZ	8
CR4071SI	MERCEDES BENZ	6
CR4073CP	O.M.	1
CR4073CP	FIAT IVECO	3
CR4073CP	R.V.I.	3
CR4073CP	FIAT IVECO	4
CR4073CP	ALFA ROMEO	8
CR4073CP	SEAT	12
CR4073CP	RENAULT	30
CR4073CP	FIAT	33
CR4074AM	GENERAL MOTORS	3
CR4074AM	ISUZU	5
CR4074AM	ISUZU	6
CR4075AM	TALBOT	8
CR4075AM	PEUGEOT	21
CR4076AM	I.H.C.	3
CR4076AM	INTERNATIONAL	3
CR4076AM	I.H.C.	4
CR4077AM	PERKINS	9
CR4077AM	PERKINS	10
CR4077AM	VOLKSWAGEN	41
CR4078AM	FORD EUROPE	2
CR4080AM	TALBOT	11
CR4080AM	FIAT	30
CR4082AM	CITROEN	24
CR4083CP	O.M.	1
CR4083CP	FIAT IVECO	3
CR4083CP	FIAT IVECO	4
CR4083CP	ALFA ROMEO	8
CR4083CP	SEAT	12
CR4083CP	LANCIA	23
CR4083CP	RENAULT	30
CR4083CP	FIAT	33
CR4085AM	TOYOTA	13

Set No.	Make	Line
CR4085AM	TOYOTA	16
CR4085AM	TOYOTA	17
CR4088AM	SUBARU	4
CR4088AM	SUBARU	6
CR4088SI	SUBARU	4
CR4088SI	SUBARU	6
CR4089AM	JOHN DEERE	9
CR4093AM	TOYOTA	28
CR4093AM	TOYOTA	35
CR4094CP	MERCEDES BENZ	14
CR4096AM	KIA	5
CR4096AM	KIA	8
CR4096AM	MAZDA	16
CR4096AM	MAZDA	27
CR4099AM	SEAT	4
CR4099AM	LANCIA	5
CR4099AM	AUTO BIANCHI	6
CR4099AM	LANCIA	6
CR4099AM	LANCIA	8
CR4099AM	FIAT	15
CR4099AM	FIAT	16
CR4099CP	FIAT	9
CR4102AM	TOYOTA	28
CR4102AM	TOYOTA	35
CR4104AM	AUDI	4
CR4104AM	VOLKSWAGEN	5
CR4104AM	AUDI	7
CR4104AM	AUDI	8
CR4104AM	AUDI	10
CR4104AM	AUDI	11
CR4104AM	AUDI	14
CR4104AM	AUDI	15
CR4104AM	VOLKSWAGEN	18
CR4104AM	AUDI	19
CR4104AM	VOLKSWAGEN	19
CR4104AM	VOLKSWAGEN	21
CR4104CP	SKODA	3
CR4104CP	SKODA	6
CR4104CP	SEAT	10
CR4104CP	VOLKSWAGEN	17
CR4104CP	VOLKSWAGEN	20
CR4104CP	VOLKSWAGEN	22
CR4104CP	VOLKSWAGEN	34
CR4104CP	VOLKSWAGEN	36
CR4104XP	VOLKSWAGEN	2
CR4105AM	FORD (U.S.A.)	11
CR4105AM	MAZDA	15
CR4106AM	DAEWOO	6
CR4106AM	BEDFORD	7
CR4106AM	DAEWOO	7
CR4106AM	VAUXHALL	10
CR4106AM	OPEL	11
CR4106AM	GENERAL MOTORS	12
CR4119AM	MITSUBISHI	11
CR4119CP	MITSUBISHI	11
CR4120AM	KIA	10
CR4120AM	HYUNDAI	11
CR4120AM	CHRYSLER	13
CR4120AM	MITSUBISHI	13
CR4120AM	CHRYSLER	14
CR4120AM	MITSUBISHI	15
CR4120XP	KIA PERFORMANCE	1
CR4120XP	HYUNDAI	2
CR4120XP	MITSUBISHI	2
CR4120XP	CHRYSLER	3
CR4120XP	MITSUBISHI	3
CR4120XP	CHRYSLER	4
CR4120XP	MITSUBISHI	4
CR4120XP	CHRYSLER	5
CR4120XP	MITSUBISHI	5
CR4120XP	MITSUBISHI	6
CR4121AM	GENERAL MOTORS	8
CR4121AM	TOYOTA	14
CR4122AM	FIAT	4
CR4122AM	AUTO BIANCHI	5
CR4125CP	SUBARU	7
CR4125CP	SUBARU	8

Set No.	Make	Line
CR4125SI	SUBARU	7
CR4125XP	SUBARU	1
CR4127AM	CITROEN	16
CR4127AM	PEUGEOT	23
CR4128AM	CITROEN	1
CR4128AM	PEUGEOT	1
CR4129AM	TOYOTA	21
CR4129AM	TOYOTA	32
CR4129AM	TOYOTA	33
CR4130AM	DAIHATSU	10
CR4131AM	NEW HOLLAND	1
CR4131CP	NEW HOLLAND	1
CR4132AM	SKODA	1
CR4133AM	VOLVO	9
CR4134AM	FORD EUROPE	23
CR4135AM	TOYOTA	27
CR4136AM	INFINITI	1
CR4136AM	NISSAN	19
CR4136XP	INFINITI	1
CR4136XP	NISSAN	2
CR4136XP	NISSAN	3
CR4137AM	TOYOTA	45
CR4139AM	HONDA	6
CR4139AM	HONDA	7
CR4140AM	TALBOT	11
CR4140AM	CITROEN	23
CR4140AM	CITROEN	24
CR4140AM	CITROEN	25
CR4140AM	CITROEN	26
CR4140AM	FIAT	30
CR4140AM	PEUGEOT	33
CR4140AM	FIAT	34
CR4141AM	HONDA	22
CR4141SI	BEDFORD	9
CR4141SI	ISUZU	9
CR4141SI	ISUZU	13
CR4141SI	GENERAL MOTORS	14
CR4141SI	ISUZU	17
CR4142AM	SHIBAURA	1
CR4144CP	R.V.I.	4
CR4145XA	OPEL	10
CR4147AM	BEDFORD	4
CR4147AM	OPEL	5
CR4147AM	VAUXHALL	8
CR4149SI	GENERAL MOTORS	13
CR4150SI	FORD (U.S.A.)	10
CR4150SI	MAZDA	14
CR4150SI	FORD EUROPE	19
CR4151AM	FORD EUROPE	14
CR4152AM	ROVER	2
CR4153AM	IFA	1
CR4154CP	FIAT IVECO	4
CR4154CP	FIAT IVECO	6
CR4155AM	AMERICAN MOTORS	3
CR4155AM	AUDI	17
CR4155AM	VOLKSWAGEN	33
CR4157AM	HYUNDAI	8
CR4158AM	PEUGEOT	13
CR4159AM	MAZDA	6
CR4159AM	MAZDA	9
CR4159AM	MAZDA	13
CR4162CP	NISSAN	32
CR4162CP	NISSAN	33
CR4165SI	CUMMINS	1
CR4170AM	ALFA ROMEO	5
CR4170AM	LANCIA	14
CR4170AM	LANCIA	15
CR4170AM	FIAT	23
CR4170AM	FIAT	25
CR4171AM	LANCIA	15
CR4171AM	FIAT	18
CR4171AM	FIAT	20
CR4173AM	LANCIA	17
CR4173AM	FIAT	24
CR4174AM	LANCIA	19
CR4175AM	LANCIA	18
CR4176CP	FORD EUROPE	29

Set No.	Make	Line
CR4178SI	FIAT	12
CR4179AM	NISSAN	10
CR4181AM	BOLINDER	1
CR4182AM	VOLKSWAGEN	23
CR4182CP	VOLKSWAGEN	26
CR4183AM	CHRYSLER	9
CR4183AM	CHRYSLER	10
CR4183AM	MITSUBISHI	12
CR4187AM	TOYOTA	35
CR4187AM	TOYOTA	42
CR4189AM	TOYOTA	48
CR4189AM	TOYOTA	50
CR4189AM	TOYOTA	51
CR4190AM	TOYOTA	45
CR4191SI	PEUGEOT	30
CR4192SX	PEUGEOT	31
CR4193XA	PEUGEOT	32
CR4195AM	CHRYSLER	9
CR4195AM	CHRYSLER	10
CR4195AM	MITSUBISHI	12
CR4197CP	MERCEDES BENZ	4
CR4198AM	CITROEN	5
CR4198AM	PEUGEOT	8
CR4200AM	INTERNATIONAL	1
CR4202CP	HYUNDAI	15
CR4202CP	MITSUBISHI	27
CR4202CP	MITSUBISHI	28
CR4203CP	O.M.	6
CR4203CP	FIAT TRACTOR	7
CR4203CP	FIAT IVECO	14
CR4204CP	FIAT IVECO	8
CR4205AM	TOYOTA	3
CR4207SI	ISUZU	4
CR4207SI	OPEL	6
CR4207XA	ISUZU	3
CR4207XA	ISUZU	7
CR4207XA	OPEL	7
CR4207XA	OPEL	9
CR4208SI	LAND ROVER	1
CR4208SI	ROVER	4
CR4209CP	TOYOTA	26
CR4209XP	TOYOTA	1
CR4210AM	VAUXHALL	13
CR4210AM	OPEL	15
CR4210AM	OPEL	18
CR4213CA	OPEL	16
CR4214CP	VOLKSWAGEN/MAN	1
CR4215AM	TOYOTA	22
CR4217CP	CITROEN	15
CR4219AM	TOYOTA	34
CR4220AM	CITROEN	21
CR4220AM	PEUGEOT	27
CR4221AM	I.H.C.	5
CR4223CP	LANCIA	4
CR4225CP	MERCEDES BENZ	1
CR4226AM	MITSUBISHI	10
CR4227CA	RENAULT	22
CR4227CA	RENAULT	23
CR4228CP	NISSAN	21
CR4229AM	TOYOTA	2
CR4230AM	NISSAN	14
CR4232AM	LANCIA	3
CR4232AM	LANCIA	7
CR4232AM	LANCIA	9
CR4232AM	FIAT	10
CR4232AM	FIAT	14
CR4233AM	GENERAL MOTORS	18
CR4235AM	HYUNDAI	2
CR4235AM	HYUNDAI	9
CR4236AM	PEUGEOT	12
CR4237CP	KOMATSU	1
CR4238CP	KOMATSU	2
CR4239CP	KOMATSU	6
CR4240CP	GENERAL MOTORS	32
CR4241AM	TOYOTA	16
CR4242AM	HONDA	11
CR4250CA	SKODA	7

Set No.	Make	Line
CR4250CA	SKODA	8
CR4250CA	SEAT	11
CR4250CA	VOLKSWAGEN	15
CR4250CA	AUDI	18
CR4250CA	VOLKSWAGEN	35
CR4251AM	AUDI	2
CR4251AM	SKODA	2
CR4251AM	SEAT	3
CR4251AM	VOLKSWAGEN	12
CR4251AM	VOLKSWAGEN	14
CR4253XA	VOLKSWAGEN	25
CR4253XA	VOLKSWAGEN	31
CR4254CP	OPEL	21
CR4255SI	GENERAL MOTORS	25
CR4256AM	JEEP	3
CR4256AM	CHRYSLER	16
CR4258AM	HONDA	3
CR4258AM	HONDA	5
CR4259AM	HONDA	4
CR4262AM	SUZUKI	10
CR4262AM	GENERAL MOTORS	17
CR4263SI	GENERAL MOTORS	9
CR4263SI	TOYOTA	18
CR4264CP	B.M.W	4
CR4265CP	FORD TRACTOR	7
CR4266CP	FORD TRACTOR	8
CR4267CP	FORD TRACTOR	8
CR4268AM	RELIANT	1
CR4268AM	RELIANT	2
CR4269AM	ISUZU	16
CR4269AM	ISUZU	18
CR4269CP	ISUZU	16
CR4269CP	ISUZU	18
CR4270AM	FIAT	5
CR4270AM	FIAT	11
CR4271AM	JEEP	3
CR4271AM	CHRYSLER	16
CR4273AM	ALFA ROMEO	2
CR4277AM	NISSAN	1
CR4278CP	NISSAN	45
CR4280CP	SUBARU	5
CR4280CP	SUBARU	7
CR4280CP	SUBARU	9
CR4280XP	SUBARU	1
CR4283CP	NISSAN	22
CR4284AM	ROVER	7
CR4285AM	MAZDA	25
CR4286CP	MINISUBISHI	26
CR4287AM	ACURA	3
CR4287XP	ACURA	2
CR4288AM	TOYOTA	15
CR4290CP	MERCEDES BENZ	3
CR4292CP	MERCEDES BENZ	7
CR4292CP	MERCEDES BENZ	14
CR4293CP	MERCEDES BENZ	36
CR4295AM	KIA	9
CR4295AM	MAZDA	21
CR4296AM	VOLKSWAGEN	1
CR4299AM	KIA	11
CR4300AM	HYUNDAI	3
CR4301AM	CITROEN	22
CR4301AM	RENAULT	25
CR4304AM	RENAULT	27
CR4305AM	RENAULT	6
CR4305AM	RENAULT	7
CR4306AM	CITROEN	20
CR4307AM	CITROEN	20
CR4308AM	PEUGEOT	18
CR4310AM	RENAULT	17
CR4314CP	CATERPILLAR	1
CR4314SI	CATERPILLAR 1	3
CR4314SI	CATERPILLAR 1	5
CR4315AM	STANDARD	1
CR4318CP	HINO	1
CR4327XA	MERCEDES BENZ	5
CR4328CP	MINISUBISHI	21
CR4333CP	LAND ROVER	3

Set No.	Make	Line
CR4335XA	MERCEDES BENZ	8
CR4344CP	FIAT IVECO	15
CR4345CA	FORD EUROPE	16
CR4348CP	AUDI	4
CR4348CP	SKODA	4
CR4348CP	AUDI	5
CR4348CP	SEAT	7
CR4348CP	VOLKSWAGEN	11
CR4349CP	SCION	1
CR4349CP	TOYOTA	6
CR4350AM	RENAULT	13
CR4350AM	RENAULT	14
CR4352SI	JEEP	4
CR4352SI	AMERICAN MOTORS	5
CR4352SI	JEEP	5
CR4352SI	CHRYSLER	17
CR4353XA	PEUGEOT	10
CR4353XA	CITROEN	11
CR4354SI	CATERPILLAR 1	1
CR4354SI	CATERPILLAR 1	2
CR4355CP	MWM	2
CR4355CP	VOLKSWAGEN	42
CR4357CA	RENAULT	12
CR4359CA	MINISUBISHI	14
CR4361SI	YAMAHA MARINE	1
CR4363SI	OPEL	19
CR4363SI	GENERAL MOTORS	24
CR4364CP	LANCIA	1
CR4364CP	FIAT	7
CR4365CA	FORD EUROPE	13
CR4366SI	MAZDA	8
CR4370CA	FORD EUROPE	27
CR4372XA	RENAULT	28
CR4373SI	RENAULT	27
CR4376CP	LANCIA	20
CR4376CP	FIAT	29
CR4377CA	LANCIA	2
CR4377CA	OPEL	4
CR4377CA	SUZUKI	5
CR4377CA	FIAT	6
CR4377CA	VAUXHALL	6
CR4378SI	CHRYSLER	1
CR4378SI	HYUNDAI	5
CR4388CP	OPEL	3
CR4390SI	TOYOTA	41
CR4398CP	HONDA	9
CR4400CP	HONDA	15
CR4401AM	LAND ROVER	6
CR4401AM	LAND ROVER	7
CR4401AM	ROVER	8
CR4401CP	LAND ROVER	6
CR4401CP	LAND ROVER	7
CR4401CP	ROVER	8
CR4402AM	PEUGEOT	3
CR4402AM	PEUGEOT	5
CR4403AM	LEYLAND	3
CR4403AM	LEYLAND	4
CR4403AM	AUSTIN	8
CR4403AM	M.G.	11
CR4403CP	LEYLAND	3
CR4403CP	LEYLAND	4
CR4403CP	AUSTIN	8
CR4403CP	M.G.	11
CR4405AM	LEYLAND	10
CR4405CP	LAND ROVER	9
CR4405CP	LEYLAND	9
CR4405CP	LAND ROVER	10
CR4406AM	VOLVO	5
CR4406AM	VOLVO	7
CR4408CP	LAND ROVER	5
CR4408CP	LAND ROVER	8
CR4409AM	SUNBEAM	1
CR4409AM	HUMBER	2
CR4410AM	R.V.I.	2
CR4410AM	CITROEN	17
CR4410AM	PEUGEOT	20
CR4410AM	FORD EUROPE	24

Set No.	Make	Line
CR4410AM	PEUGEOT	26
CR4410AM	PEUGEOT	29
CR4411AM	BEDFORD	11
CR4411AM	VAUXHALL	11
CR4411AM	OPEL	17
CR4411AM	OPEL	21
CR4414CP	ISUZU	29
CR4417CP	MAZDA	28
CR4418AM	FORD TRACTOR	6
CR4418AM	FORD TRACTOR	7
CR4418AM	FORD EUROPE	39
CR4419AM	FORD EUROPE	38
CR4420AM	VAUXHALL	14
CR4420AM	BEDFORD	15
CR4421AM	ALFA ROMEO	4
CR4423AM	ISUZU	10
CR4423AM	GENERAL MOTORS	11
CR4423AM	GENERAL MOTORS	15
CR4423AM	GENERAL MOTORS	16
CR4423AM	GENERAL MOTORS	19
CR4423AM	GENERAL MOTORS	20
CR4423AM	GENERAL MOTORS	23
CR4423AM	GENERAL MOTORS	28
CR4424AM	NISSAN	4
CR4424AM	NISSAN	6
CR4425AM	TOYOTA	8
CR4426AM	AMERICAN MOTORS	1
CR4426AM	FORD (BRASIL)	1
CR4426AM	VOLVO	2
CR4426AM	VOLVO	3
CR4426AM	RENAULT	5
CR4426AM	RENAULT	9
CR4426AM	RENAULT	11
CR4426AM	RENAULT	13
CR4426AM	RENAULT	14
CR4429AM	TOYOTA	23
CR4429AM	TOYOTA	24
CR4431AM	NISSAN	12
CR4431AM	NISSAN	13
CR4431AM	NISSAN	23
CR4432AM	CITROEN	2
CR4432AM	TALBOT	2
CR4432AM	PEUGEOT	4
CR4432AM	CHRYSLER	5
CR4432AM	TALBOT	5
CR4436AM	MINISUBISHI	6
CR4437AM	MAZDA	1
CR4437AM	MAZDA	2
CR4438AM	TALBOT	7
CR4439AM	B.M.W	4
CR4440AM	FORD EUROPE	7
CR4440AM	FORD (U.S.A.)	12
CR4440AM	FORD EUROPE	20
CR4441AM	M.G.	3
CR4441AM	AUSTIN	5
CR4441AM	M.G.	5
CR4442AM	NISSAN	2
CR4442AM	NISSAN	5
CR4443AM	NISSAN	16
CR4445AM	SUBARU	6
CR4446AM	TOYOTA	3
CR4447AM	TOYOTA	16
CR4448AM	RENAULT	15
CR4451AM	VOLVO	7
CR4451AM	VOLVO	8
CR4452AM	LEYLAND	15
CR4452AM	LEYLAND	16
CR4453AM	LANCIA	11
CR4460AM	BEDFORD	3
CR4460AM	BEDFORD	5
CR4460AM	VAUXHALL	7
CR4462AM	HONDA	2
CR4462AM	TRIUMPH	3
CR4463AM	HONDA	14
CR4465AM	SAAB	2
CR4465AM	TRIUMPH	6
CR4466AM	CHRYSLER	12

Set No.	Make	Line
CR4466AM	HYUNDAI	12
CR4466AM	MITSUBISHI	16
CR4466AM	MITSUBISHI	18
CR4466AM	MITSUBISHI	19
CR4466AM	CHRYSLER	21
CR4466AM	FORD (U.S.A.)	21
CR4466AM	CHRYSLER	22
CR4466AM	MAZDA	26
CR4467CP	CITROEN	15
CR4467CP	PEUGEOT	22
CR4469AM	RASTROJERO	1
CR4470AM	RASTROJERO	2
CR4472AM	I.H.C.	3
CR4472AM	INTERNATIONAL	3
CR4472AM	I.H.C.	4
CR4473AM	ALFA ROMEO	1
CR4476SI	FORD (U.S.A.)	16
CR4476SI	FORD (U.S.A.)	19
CR4476SI	MAZDA	23
CR4476SI	FORD (U.S.A.)	24
CR4477AM	CHRYSLER	8
CR4478AM	I.K.A. (ARGENTINA)	1
CR4481AM	CHRYSLER	7
CR4481AM	MITSUBISHI	8
CR4481AM	HYUNDAI	10
CR4481AM	CHRYSLER	15
CR4481AM	MITSUBISHI	15
CR4481XP	HYUNDAI	1
CR4481XP	MITSUBISHI	1
CR4481XP	CHRYSLER	2
CR4481XP	MITSUBISHI	2
CR4481XP	MITSUBISHI	3
CR4481XP	MITSUBISHI	7
CR4482AM	GENERAL MOTORS	7
CR4483AM	AUTO BIANCHI	4
CR4483AM	FIAT	8
CR4484XP	CHRYSLER	1
CR4485AM	MAZDA	12
CR4485AM	FORD (U.S.A.)	14
CR4488AM	SEAT	6
CR4488AM	SEAT	9
CR4488AM	LANCIA	11
CR4488AM	LANCIA	16
CR4488AM	FIAT	22
CR4489AM	DAEWOO	3
CR4489AM	SUZUKI	3
CR4490AM	LEYLAND	1
CR4490AM	AUSTIN	6
CR4491AM	LEYLAND	7
CR4491AM	AUSTIN	11
CR4491AM	LEYLAND	12
CR4491AM	AUSTIN	13
CR4491AM	LEYLAND	13
CR4492AM	BEDFORD	12
CR4492AM	BEDFORD	14
CR4492AM	OPEL	20
CR4493AM	PEUGEOT	2
CR4493AM	CITROEN	3
CR4493AM	TALBOT	3
CR4493AM	CITROEN	4
CR4493AM	TALBOT	4
CR4493AM	PEUGEOT	6
CR4493AM	CITROEN	7
CR4493AM	PEUGEOT	7
CR4493AM	CITROEN	8
CR4493AM	RENAULT	8
CR4493AM	CITROEN	9
CR4493AM	RENAULT	10
CR4493AM	PEUGEOT	11
CR4493AM	CITROEN	14
CR4493AM	PEUGEOT	16
CR4494SI	AMERICAN MOTORS	6
CR4494SI	JEEP	6
CR4494SI	GENERAL MOTORS	26
CR4494SI	GENERAL MOTORS	27
CR4495AM	FORD (U.S.A.)	1
CR4495AM	KIA	2

Set No.	Make	Line
CR4495AM	MAZDA	3
CR4495AM	MAZDA	4
CR4495CP	KIA	3
CR4496AM	FORD EUROPE	12
CR4497AM	CHRYSLER	2
CR4497AM	HYUNDAI	7
CR4497AM	MITSUBISHI	7
CR4498AM	FORD EUROPE	3
CR4498AM	FORD EUROPE	4
CR4499AM	FORD EUROPE	26
CR4499AM	FORD EUROPE	28
CR4500CA	NISSAN	26
CR4501CA	ALFA ROMEO	7
CR4501CA	CHRYSLER	19
CR4503SX	VOLVO	4
CR4503SX	MAZDA	5
CR4503SX	FORD EUROPE	11
CR4503SX	CITROEN	12
CR4503SX	PEUGEOT	14
CR4504CP	PERKINS	13
CR4507SI	FORD (U.S.A.)	18
CR4507SI	MAZDA	22
CR4512SI	ACURA	2
CR4512SI	HONDA	13
CR4514SI	SCION	2
CR4514SI	TOYOTA	31
CR4515SI	FORD (U.S.A.)	8
CR4515SI	MAZDA	17
CR4515XP	MAZDA	1
CR4515XP	FORD	2
CR4516SI	CITROEN	1
CR4516SI	CITROEN	6
CR4516SI	CITROEN	9
CR4516SI	PEUGEOT	9
CR4516SI	CITROEN	10
CR4517XA	OPEL	14
CR4517XA	RENAULT	21
CR4519SI	AMERICAN MOTORS	6
CR4519SI	JEEP	6
CR4519SI	GENERAL MOTORS	26
CR4519SI	GENERAL MOTORS	27
CR4522XA	HYUNDAI	6
CR4523XA	TOYOTA	29
CR4527XA	SKODA	5
CR4527XA	AUDI	6
CR4527XA	SEAT	8
CR4527XA	VOLKSWAGEN	13
CR4528CA	B.M.W	5
CR4529SI	ISUZU	19
CR4529SI	GENERAL MOTORS	29
CR4530XA	TOYOTA	1
CR4530XA	DAIHATSU	8
CR4531CP	SUZUKI	9
CR4531CP	LANCIA	13
CR4531SX	ALFA ROMEO	3
CR4531SX	SUZUKI	8
CR4531SX	LANCIA	12
CR4531SX	OPEL	13
CR4531SX	FIAT	19
CR4531SX	FIAT	26
CR4531SX	FIAT	27
CR4533SI	NISSAN	30
CR4535XA	TOYOTA	4
CR4535XA	DAIHATSU	9
CR4536CA	MERCEDES BENZ	2
CR4537CA	MINI	1
CR4538CA	MINI	2
CR4541XP	ACURA	4
CR4541XP	HONDA	7
CR4541XP	HONDA	11
CR4542XP	ACURA	5
CR4542XP	HONDA	12
CR6601AM	LEYLAND	18
CR6601AM	LEYLAND	20
CR6602CP	MERCEDES BENZ	17
CR6603CP	MERCEDES BENZ	17
CR6604AM	FORD EUROPE	42

Set No.	Make	Line
CR6604AM	FORD EUROPE	43
CR6604CP	FORD TRACTOR	5
CR6604CP	FORD TRACTOR	9
CR6604CP	FORD EUROPE	42
CR6604CP	FORD EUROPE	43
CR6605AM	TOYOTA	37
CR6605AM	TOYOTA	39
CR6606AM	TOYOTA	57
CR6607AM	NISSAN	34
CR6608AM	NISSAN	43
CR6609AM	B.M.W	7
CR6610AM	VOLVO	15
CR6611CP	CONTINENTAL	4
CR6612AM	VOLVO	15
CR6613AM	I.K.A. (ARGENTINA)	4
CR6614SI	JEEP	9
CR6614SI	GENERAL MOTORS	33
CR6614SI	GENERAL MOTORS	41
CR6615AM	CHRYSLER	32
CR6616SI	GENERAL MOTORS	47
CR6617AM	VOLVO	10
CR6617AM	VOLKSWAGEN	38
CR6618SI	GENERAL MOTORS	39
CR6619SI	FORD (U.S.A.)	38
CR6619SI	FORD (U.S.A.)	39
CR6620AM	AUSTIN	16
CR6621CP	DAF	1
CR6622CP	HERCULES MOTOR	1
CR6623AM	BEDFORD	16
CR6625SI	YAMAHA MARINE	2
CR6625SI	ISUZU	27
CR6625SI	GENERAL MOTORS	50
CR6626AM	M.G.	14
CR6626AM	AUSTIN	15
CR6627AM	NISSAN	17
CR6629AM	HYUNDAI	1
CR6629AM	HYUNDAI	13
CR6629AM	HYUNDAI	14
CR6629AM	MITSUBISHI	17
CR6629AM	CHRYSLER	18
CR6629AM	MITSUBISHI	23
CR6629AM	CHRYSLER	25
CR6629AM	CHRYSLER	26
CR6630CP	MERCEDES BENZ	39
CR6630CP	MERCEDES BENZ	40
CR6630CP	MERCEDES BENZ	42
CR6630CP	MERCEDES BENZ	43
CR6631CP	AUSTIN	14
CR6632CP	FIAT IVECO	21
CR6633CP	FIAT / ALLIS	8
CR6633CP	O.M.	10
CR6633CP	FIAT TRACTOR	11
CR6633CP	FIAT IVECO	25
CR6634AM	LEXUS	1
CR6634AM	TOYOTA	36
CR6636SI	CHRYSLER	35
CR6639CP	M.A.N.	6
CR6639CP	MERCEDES BENZ	52
CR6640AM	B.M.W	6
CR6640CP	B.M.W	6
CR6640XP	BMW	1
CR6641AM	TOYOTA	40
CR6643AM	JOHN DEERE	15
CR6646CP	CATERPILLAR	6
CR6646SI	CATERPILLAR 1	11
CR6647SI	CUMMINS	5
CR6649AM	HOLDEN	1
CR6649AM	HOLDEN	2
CR6651AM	INTERNATIONAL	2
CR6651AM	NISSAN	39
CR6651AM	NISSAN	40
CR6652CP	LEYLAND	31
CR6653AM	FORD (AUSTRALIA)	1
CR6653AM	FORD (AUSTRALIA)	2
CR6654CP	FORD TRACTOR	11
CR6654CP	FORD EUROPE	45
CR6655AM	FORD (U.S.A.)	22

Set No.	Make	Line
CR6655AM	MAZDA	24
CR6655AM	MAZDA	29
CR6656CP	MERCEDES BENZ	46
CR6657CP	LEYLAND	26
CR6658CP	ISUZU	35
CR6659CP	MERCEDES BENZ	9
CR6661AM	JOHN DEERE	10
CR6664SI	GENERAL MOTORS	40
CR6664SI	GENERAL MOTORS	42
CR6664SI	GENERAL MOTORS	43
CR6665AM	I.H.C.	6
CR6666AM	I.H.C.	8
CR6667CP	GARDNER	3
CR6668CP	GARDNER	2
CR6669AM	LEXUS	2
CR6669AM	TOYOTA	47
CR6670AM	MERCEDES BENZ	15
CR6670AM	MERCEDES BENZ	16
CR6671CP	MERCEDES BENZ	22
CR6672AM	CHRYSLER	36
CR6673XA	MERCEDES BENZ	23
CR6673XA	MERCEDES BENZ	28
CR6674CP	JAGUAR (BRITISH	3
CR6674CP	MERCEDES BENZ	29
CR6675AM	CHRYSLER	29
CR6675AM	CHRYSLER	34
CR6676SI	INFINITI	2
CR6676SI	INFINITI	4
CR6676SI	FORD (U.S.A.)	32
CR6676SI	NISSAN	37
CR6676SI	NISSAN	41
CR6676XP	NISSAN	7
CR6676XP	NISSAN	8
CR6679AM	FORD (BRASIL)	2
CR6679AM	FORD (BRASIL)	3
CR6679AM	FORD EUROPE	44
CR6679CP	NEW HOLLAND	2
CR6679CP	FORD (U.S.A.)	70
CR6680AM	GENERAL MOTORS	30
CR6680SI	JEEP	7
CR6680SI	JEEP	8
CR6680SI	GENERAL MOTORS	30
CR6680SI	GENERAL MOTORS	34
CR6681AM	PERKINS	22
CR6682AM	PERKINS	23
CR6683SI	YAMAHA MARINE	2
CR6683SI	ISUZU	27
CR6683SI	GENERAL MOTORS	50
CR6684AM	GENERAL MOTORS	47
CR6685AM	ACURA	13
CR6685AM	ISUZU	23
CR6685AM	HONDA	24
CR6686AM	LEXUS	3
CR6686AM	TOYOTA	43
CR6686AM	TOYOTA	46
CR6687CP	VOLVO	17
CR6687CP	VOLVO	18
CR6688CP	VOLVO	19
CR6689CP	VOLVO	21
CR6690CP	VOLVO	22
CR6690CP	VOLVO	24
CR6690CP	VOLVO	25
CR6691CP	VOLVO	26
CR6691CP	VOLVO	27
CR6692CP	VOLVO	26
CR6692CP	VOLVO	28
CR6693CP	FIAT / ALLIS	4
CR6693CP	O.M.	7
CR6693CP	FIAT TRACTOR	8
CR6693CP	FIAT IVECO	16
CR6694CP	DETROIT DIESEL	1
CR6695AM	NISSAN	25
CR6696AM	NISSAN	35
CR6696AM	NISSAN	36
CR6697SI	NISSAN	29
CR6697SI	NISSAN	31
CR6697XP	NISSAN	4

Set No.	Make	Line
CR6697XP	NISSAN	5
CR6697XP	NISSAN	6
CR6698CP	NISSAN	44
CR6699SI	CUMMINS	2
CR6699SI	CHRYSLER	41
CR6699SI	CHRYSLER	43
CR6700AM	VOLVO	14
CR6704AM	LAND ROVER	14
CR6704AM	LAND ROVER	15
CR6705CP	LAND ROVER	13
CR6706CP	MERCEDES BENZ	9
CR6707CP	MERCEDES BENZ	9
CR6707CP	MERCEDES BENZ	12
CR6708AM	TALBOT	12
CR6708AM	VOLVO	12
CR6708AM	VOLVO	13
CR6708AM	LANCIA	24
CR6708AM	RENAULT	31
CR6709AM	VOLVO	13
CR6709CP	RENAULT	31
CR6709CP	PEUGEOT	36
CR6712SI	FORD (U.S.A.)	43
CR6716AM	TOYOTA	56
CR6719AM	TOYOTA	53
CR6720AM	INTERNATIONAL	4
CR6720AM	I.H.C.	7
CR6721CP	FIAT / ALLIS	8
CR6721CP	O.M.	10
CR6721CP	FIAT TRACTOR	11
CR6721CP	FIAT IVECO	25
CR6721CP	FIAT IVECO	26
CR6722AM	FORD (BRASIL)	3
CR6724CP	M.A.N.	5
CR6724CP	DAEWOO	9
CR6725CP	HYUNDAI	17
CR6725CP	MITSUBISHI	31
CR6725CP	MITSUBISHI	32
CR6726CP	FIAT IVECO	19
CR6730CP	DAF	3
CR6731CP	DAF	3
CR6732CP	DAF	2
CR6733CP	R.V.I.	5
CR6735AM	KIA	13
CR6735AM	HYUNDAI	16
CR6735AM	MITSUBISHI	25
CR6737CP	HINO	7
CR6737CP	KIA	14
CR6738AM	ACURA	10
CR6738AM	ACURA	11
CR6738AM	HONDA	23
CR6739CP	HINO	15
CR6740CP	HINO	8
CR6740CP	HINO	9
CR6742CP	NISSAN	46
CR6743CP	KOMATSU	3
CR6744CP	KOMATSU	4
CR6745CP	KOMATSU	5
CR6746CP	KOMATSU	7
CR6747AM	OPEL	26
CR6749CP	OPEL	22
CR6750SI	OPEL	24
CR6750SI	GENERAL MOTORS	31
CR6751SI	MAZDA	30
CR6751SI	FORD (U.S.A.)	31
CR6752AM	INFINITI	3
CR6752AM	NISSAN	38
CR6753AM	SUBARU	10
CR6754CP	TOYOTA	44
CR6754XP	TOYOTA	2
CR6756CP	B.M.W	7
CR6757AM	FORD TRACTOR	10
CR6758AM	FORD TRACTOR	10
CR6759AM	ACURA	12
CR6761CP	DAF	4
CR6762CP	DAF	4
CR6763CP	FIAT / ALLIS	7
CR6763CP	O.M.	9

Set No.	Make	Line
CR6763CP	FIAT TRACTOR	10
CR6763CP	FIAT IVECO	20
CR6764AM	MERCEDES BENZ	19
CR6764AM	AUDI	24
CR6764AM	FORD EUROPE	33
CR6764AM	VOLKSWAGEN	43
CR6764XP	VOLKSWAGEN	1
CR6769CP	ISUZU	37
CR6770CP	ISUZU	36
CR6773CP	MERCEDES BENZ	26
CR6775AM	NISSAN	42
CR6776CP	MERCEDES BENZ	27
CR6777CP	MERCEDES BENZ	45
CR6780SI	CHRYSLER	24
CR6781SI	CHRYSLER	24
CR6782SI	CUMMINS	3
CR6783CP	ISUZU	38
CR6784CP	ISUZU	38
CR6785CP	ISUZU	39
CR6789CP	CATERPILLAR	2
CR6789SI	CATERPILLAR 1	7
CR6789SI	CATERPILLAR 1	10
CR6790CP	CATERPILLAR	5
CR6790CP	CATERPILLAR	10
CR6790SI	CATERPILLAR 1	4
CR6790SI	CATERPILLAR 1	6
CR6791AM	MAZDA	11
CR6799XA	MERCEDES BENZ	23
CR6799XA	MERCEDES BENZ	28
CR6804SI	FORD (U.S.A.)	51
CR6805SI	INTERNATIONAL	3
CR6805SI	AMERICAN MOTORS	7
CR6805SI	JEEP	13
CR6805SI	JEEP	14
CR6806SI	FORD (U.S.A.)	38
CR6806SI	FORD (U.S.A.)	39
CR6807SI	FORD (U.S.A.)	43
CR6809CP	ALFA ROMEO	9
CR6809CP	LANCIA	25
CR6809CP	FIAT	32
CR6810SI	CHRYSLER	27
CR6810SI	CHRYSLER	30
CR6816SI	SUZUKI	11
CR6820CP	PERKINS	4
CR6821SI	CHRYSLER	35
CR6822SI	JEEP	10
CR6822SI	MITSUBISHI	24
CR6822SI	CHRYSLER	33
CR6824SI	GENERAL MOTORS	40
CR6824SI	GENERAL MOTORS	42
CR6824SI	GENERAL MOTORS	43
CR6826SI	HOLDEN	3
CR6826SI	GENERAL MOTORS	38
CR6833SI	SAAB	5
CR6833SI	ISUZU	26
CR6833SI	GENERAL MOTORS	48
CR8001CP	CATERPILLAR	4
CR8001SI	CATERPILLAR 1	9
CR8003SI	GENERAL MOTORS	52
CR8004CP	INTERNATIONAL	10
CR8006AM	ROVER	10
CR8006AM	LEYLAND	14
CR8006AM	M.G.	15
CR8006AM	LAND ROVER	16
CR8007HP	HOLDEN	1
CR8013SI	JEEP	16
CR8013SI	JEEP	19
CR8013SI	CHRYSLER	38
CR8013SI	CHRYSLER	39
CR8013SI	CHRYSLER	40
CR8013SI	CHRYSLER	45
CR8013SI	CHRYSLER	46
CR8014SI	FORD (U.S.A.)	69
CR8015SI	GENERAL MOTORS	71
CR8015SI	GENERAL MOTORS	75
CR8015SI	GENERAL MOTORS	76
CR8016SI	AMERICAN MOTORS	8

Set No.	Make	Line
CR8016SI	JEEP	18
CR8030SI	JEEP	15
CR8030SI	CHRYSLER	37
CR8031SI	JEEP	15
CR8031SI	CHRYSLER	37
CR8032CP	JEEP	20
CR8032CP	CHRYSLER	47
CS 101BB	JEEP	2
CS 228BB	CHRYSLER	20
CS 230BB	CHRYSLER	6
CS 231BB	FORD (U.S.A.)	38
CS 231BB	FORD (U.S.A.)	39
CS 231BB	FORD (U.S.A.)	43
CS 232BB	FORD (U.S.A.)	41
CS 233BB	FORD TRACTOR	3
CS 302AM	FORD EUROPE	3
CS 302AM	FORD EUROPE	5
CS 302AM	FORD EUROPE	8
CS 304BB	LEYLAND	1
CS 304BB	LEYLAND	2
CS 304BB	LEYLAND	3
CS 304BB	LEYLAND	4
CS 304BB	AUSTIN	6
CS 304BB	M.G.	7
CS 304BB	AUSTIN	8
CS 304BB	M.G.	10
CS 304BB	M.G.	11
CS 305BB	NISSAN	16
CS 305BB	NISSAN	20
CS 305BB	NISSAN	27
CS 305BB	NISSAN	28
CS 307BB	FORD EUROPE	7
CS 307BB	FORD EUROPE	20
CS 309BB	NISSAN	4
CS 309BB	NISSAN	6
CS 309BB	NISSAN	10
CS 311BB	SAAB	1
CS 311BB	FORD EUROPE	15
CS 312BB	HUMBER	1
CS 312BB	SUNBEAM	1
CS 312BB	HUMBER	2
CS 312BB	TALBOT	6
CS 313BB	O.M.	3
CS 313BB	O.M.	7
CS 313BB	TALBOT	7
CS 313BB	FIAT IVECO	9
CS 314BB	MAZDA	6
CS 314BB	MAZDA	9
CS 314BB	MAZDA	12
CS 315BB	BEDFORD	11
CS 315BB	VAUXHALL	11
CS 316BB	BEDFORD	2
CS 316BB	BEDFORD	3
CS 316BB	VAUXHALL	3
CS 316BB	VAUXHALL	4
CS 316BB	VAUXHALL	7
CS 317BB	VOLVO	5
CS 317BB	VOLVO	7
CS 317BB	VOLVO	8
CS 319BB	AUSTIN	1
CS 319BB	BEDFORD	1
CS 319BB	M.G.	1
CS 319BB	WILLYS	1
CS 319BB	AUSTIN	2
CS 319BB	WILLYS	2
CS 319BB	AUSTIN	3
CS 319BB	AUSTIN	4
CS 320BB	M.G.	1
CS 320BB	M.G.	3
CS 320BB	AUSTIN	4
CS 320BB	M.G.	4
CS 320BB	AUSTIN	5
CS 320BB	M.G.	5
CS 320BB	M.G.	6
CS 325BB	YAMAHA MARINE	1
CS 325BB	AMERICAN MOTORS	6
CS 325BB	JEEP	6

Set No.	Make	Line
CS 325BB	GENERAL MOTORS	27
CS 327BB	CHRYSLER	12
CS 327BB	MITSUBISHI	18
CS 327BB	MITSUBISHI	19
CS 327BB	CHRYSLER	21
CS 327BB	CHRYSLER	22
CS 327BB	MAZDA	26
CS 328BB	FORD (U.S.A.)	16
CS 328BB	FORD (U.S.A.)	19
CS 329BB	ISUZU	9
CS 329BB	GENERAL MOTORS	14
CS 330BB	FORD (U.S.A.)	14
CS 332BB	FORD (U.S.A.)	4
CS 332BB	FORD EUROPE	6
CS 332BB	FORD EUROPE	9
CS 332BB	FORD EUROPE	10
CS 401BB	CHRYSLER	28
CS 402BB	GENERAL MOTORS	45
CS 402BB	GENERAL MOTORS	46
CS 402BB	GENERAL MOTORS	53
CS 405BB	GENERAL MOTORS	45
CS 405BB	GENERAL MOTORS	53
CS 407BB	BEDFORD	17
CS 407BB	BEDFORD	18
CS 407BB	BEDFORD	19
CS 408BB	BEDFORD	20
CS 408BB	BEDFORD	21
CS 409BB	FORD TRACTOR	9
CS 409BB	FORD EUROPE	38
CS 410BB	FORD EUROPE	22
CS 410BB	FORD EUROPE	31
CS 410BB	FORD EUROPE	32
CS 411BB	LAND ROVER	4
CS 411BB	LAND ROVER	5
CS 411BB	LAND ROVER	6
CS 411BB	LAND ROVER	7
CS 411BB	ROVER	8
CS 411BB	LAND ROVER	9
CS 411BB	LEYLAND	9
CS 411BB	LAND ROVER	10
CS 412BB	TOYOTA	3
CS 412BB	TOYOTA	15
CS 413BB	TOYOTA	37
CS 414BB	YAMAHA MARINE	2
CS 414BB	ISUZU	27
CS 414BB	GENERAL MOTORS	39
CS 414BB	GENERAL MOTORS	50
CS 415BB	GENERAL MOTORS	41
CS 415BB	GENERAL MOTORS	47
CS 416BB	CHRYSLER	31
CS 416BB	CHRYSLER	32
CS 417BB	FORD (U.S.A.)	16
CS 417BB	FORD (U.S.A.)	19
CS 417BBX	FORD (U.S.A.)	16
CS 417BBX	FORD (U.S.A.)	19
CS 418BB	FORD (U.S.A.)	33
CS 418BB	FORD (U.S.A.)	34
CS 418BB	FORD (U.S.A.)	35
CS 418BB	FORD (U.S.A.)	36
CS 418BB	FORD (U.S.A.)	42
CS 419BB	FORD (U.S.A.)	51
CS 420BB	GENERAL MOTORS	41
CS 420BB	GENERAL MOTORS	47
CS 421BB	GENERAL MOTORS	40
CS 421BB	GENERAL MOTORS	42
CS 421BB	GENERAL MOTORS	43
CS 421BB	GENERAL MOTORS	47
CS 422BB	INTERNATIONAL	3
CS 422BB	JEEP	4
CS 422BB	AMERICAN MOTORS	5
CS 422BB	JEEP	5
CS 422BB	AMERICAN MOTORS	7
CS 422BB	JEEP	13
CS 422BB	JEEP	14
CS 422BB	CHRYSLER	17
CS 423BB	FORD (U.S.A.)	17
CS 423BB	FORD (U.S.A.)	20

Set No.	Make	Line
CS 423BB	FORD (U.S.A.)	23
CS 424BB	FORD (U.S.A.)	26
CS 424BB	FORD (U.S.A.)	28
CS 424BB	FORD (U.S.A.)	29
CS 425BB	FORD (U.S.A.)	30
CS 425BB	MAZDA	31
CS 426BB	FORD (U.S.A.)	38
CS 427BB	FORD (U.S.A.)	51
CS 428BB	JEEP	7
CS 428BB	JEEP	8
CS 428BB	ISUZU	20
CS 428BB	GENERAL MOTORS	30
CS 428BB	GENERAL MOTORS	34
CS 429BB	JEEP	7
CS 429BB	JEEP	8
CS 429BB	ISUZU	20
CS 429BB	GENERAL MOTORS	30
CS 429BB	GENERAL MOTORS	34
CS 430BB	CHRYSLER	35
CS 431BB	CHRYSLER	34
CS 432BB	FORD (U.S.A.)	38
CS 432BB	FORD (U.S.A.)	39
CS 432BB	FORD (U.S.A.)	43
CS 434BB	GENERAL MOTORS	49
CS 435BB	YAMAHA MARINE	2
CS 435BB	GENERAL MOTORS	50
CS 502BB	NISSAN	2
CS 502BB	NISSAN	5
CS 504BB	TOYOTA	16
CS 504BB	TOYOTA	17
CS 505BB	FORD EUROPE	26
CS 507BB	YAMAHA MARINE	3
CS 507BB	ISUZU	31
CS 507BB	GENERAL MOTORS	59
CS 507BB	GENERAL MOTORS	63
CS 507BB	GENERAL MOTORS	67
CS 507HP	GENERAL MOTORS	1
CS 507HP	GENERAL MOTORS	2
CS 507HP	GENERAL MOTORS	3
CS 507HP	YAMAHA MARINE	3
CS 507HPT	GENERAL MOTORS	1
CS 507HPT	GENERAL MOTORS	2
CS 507HPT	GENERAL MOTORS	3
CS 507HPT	YAMAHA MARINE	3
CS 507HPT	GENERAL MOTORS	63
CS 508BB	JEEP	17
CS 508BB	GENERAL MOTORS	62
CS 508BB	GENERAL MOTORS	72
CS 509BB	GENERAL MOTORS	60
CS 509BB	GENERAL MOTORS	69
CS 509BB	GENERAL MOTORS	73
CS 510BB	GENERAL MOTORS	61
CS 510BB	GENERAL MOTORS	69
CS 511BB	GENERAL MOTORS	32
CS 511BB	GENERAL MOTORS	56
CS 511BB	GENERAL MOTORS	68
CS 512BB	CHRYSLER	38
CS 512BB	CHRYSLER	40
CS 512BB	CHRYSLER	45
CS 512BB	CHRYSLER	46
CS 512HP	CHRYSLER	6
CS 513BB	ROVER	10
CS 513BB	LAND ROVER	16
CS 514BB	FORD (U.S.A.)	52
CS 514BB	FORD (U.S.A.)	59
CS 514BB	FORD (U.S.A.)	60
CS 514HP	FORD	8
CS 514HP	FORD	12
CS 514HPT	FORD	8
CS 514HPT	FORD	12
CS 515BB	FORD (U.S.A.)	61
CS 515BB	FORD (U.S.A.)	66
CS 516BB	FORD (U.S.A.)	58
CS 516BB	FORD (U.S.A.)	62
CS 516BB	FORD (U.S.A.)	63
CS 516HP	FORD	11
CS 516HP	FORD	13

Set No.	Make	Line
CS 517BB	FORD (U.S.A.)	69
CS 517HP	FORD	14
CS 517HPT	FORD	14
CS 520AM	HOLDEN	4
CS 521CP	CONTINENTAL	4
CS 524BB	GENERAL MOTORS	75
CS 524BB	GENERAL MOTORS	76
CS	GENERAL MOTORS	6
CS	GENERAL MOTORS	7
CS 524HP	GENERAL MOTORS	6
CS 524HP	GENERAL MOTORS	7
CS 524HPT	GENERAL MOTORS	6
CS 524HPT	GENERAL MOTORS	7
CS 526BB	AMERICAN MOTORS	8
CS 526BB	AMERICAN MOTORS	9
CS 526BB	JEEP	18
CS 526BB	JEEP	21
CS 527BB	JEEP	16
CS 527BB	JEEP	19
CS 527BB	CHRYSLER	39
CS 527BB	CHRYSLER	46
CS 528BB	ISUZU	10
CS 528BB	GENERAL MOTORS	11
CS 528BB	GENERAL MOTORS	15
CS 528BB	GENERAL MOTORS	16
CS 528BB	GENERAL MOTORS	19
CS 528BB	GENERAL MOTORS	20
CS 530BB	INTERNATIONAL	1
CS 530BB	INTERNATIONAL	4
CS 532BB	INTERNATIONAL	6
CS 532BB	INTERNATIONAL	7
CS 532BB	INTERNATIONAL	8
CS 532BB	I.H.C.	10
CS 532BB	I.H.C.	11
CS 532BB	FORD (U.S.A.)	67
CS 532BB	FORD (U.S.A.)	68
CS 533BB	CHRYSLER	48
CS 533BB	CHRYSLER	50
CS 533BB	CHRYSLER	51
CS 534BB	GENERAL MOTORS	59
CS 534HP	GENERAL MOTORS	1
CS 534HPT	GENERAL MOTORS	1
CS 535BB	GENERAL MOTORS	55
CS 536BB	GENERAL MOTORS	66
CS 538BB	GENERAL MOTORS	32
CS 538BB	GENERAL MOTORS	65
CS 538BB	GENERAL MOTORS	68
CS 539BB	FORD (U.S.A.)	50
CS 539BB	FORD (U.S.A.)	54
CS 542BB	GENERAL MOTORS	4
CS 542BB	GENERAL MOTORS	71
CS 543AM	VOLKSWAGEN	32
CS 543SI	VOLKSWAGEN	24
CS 544BB	GENERAL MOTORS	70
CS 601BB	FORD EUROPE	42
CS 601BB	FORD EUROPE	43
CS 604BB	FORD	3
CS 604BB	FORD	4
CS 604BB	FORD	6
CS 604BB	FORD	7
CS 604BB	FORD (U.S.A.)	44
CS 604BB	FORD (U.S.A.)	46
CS 604BB	FORD (U.S.A.)	47
CS 604BB	FORD (U.S.A.)	48
CS 605BB	FORD	5
CS 605BB	FORD (U.S.A.)	45
CS 606BB	FORD	5
CS 606BB	FORD (U.S.A.)	45
CS 801AM	JAGUAR (BRITISH	1
CS 801AM	JAGUAR (BRITISH	2
CS 801AM	JAGUAR (BRITISH	4
CS 801AM	JAGUAR (BRITISH	5
CS 801AM	MERCEDES BENZ	18
CS 801AM	MERCEDES BENZ	35
CS1101BB	YAMAHA MARINE	2
CS1101BB	ISUZU	27
CS1101BB	GENERAL MOTORS	50

Set No.	Make	Line
CS2101BB	JEEP	10
CS2101BB	MINISUBISHI	24
CS2101BB	CHRYSLER	33
CS2102BB	GENERAL MOTORS	24
CS3301BB	TOYOTA	32
CS3301BB	TOYOTA	33
CS3303BB	GENERAL MOTORS	28
CS3305BB	CHRYSLER	13
CS3305BB	CHRYSLER	14
CS3305BB	CHRYSLER	15
CS3305BB	MINISUBISHI	15
CS3306AM	SEAT	4
CS4401BB	GENERAL MOTORS	42
CS4402BB	FORD (U.S.A.)	51
CS4403BB	FORD (U.S.A.)	40
CS4404BB	GENERAL MOTORS	7
CS4404BB	GENERAL MOTORS	76
CS4409BB	FORD (U.S.A.)	40
CS4410BB	FORD (U.S.A.)	51
CS5503BB	GENERAL MOTORS	5
CS5503BB	ISUZU	30
CS5503BB	GENERAL MOTORS	64
CS5507BB	MINISUBISHI	29
CS5507BB	CHRYSLER	37
CS5510BB	GENERAL MOTORS	5
CS5510BB	ISUZU	30
CS5510BB	ISUZU	32
CS5510BB	GENERAL MOTORS	64
CS5512BB	JEEP	20
CS5512BB	CHRYSLER	47
CS6601BB	CHRYSLER	52
CS6602BB	TOYOTA	27
IC1618XP	Miscellaneous	1
IM1248XP	Miscellaneous	1
IM1249XP	Miscellaneous	1
IM1250XP	Miscellaneous	1
MB 102SI	JOHN DEERE	2
MB 102SI	JOHN DEERE	13
MB 102SI	JOHN DEERE	14
MB 102SI	JOHN DEERE	17
MB 102SI	JOHN DEERE	19
MB 102SI	JOHN DEERE	20
MB 103SI	JOHN DEERE	2
MB 103SI	JOHN DEERE	13
MB 103SI	JOHN DEERE	14
MB 103SI	JOHN DEERE	17
MB 103SI	JOHN DEERE	19
MB 103SI	JOHN DEERE	20
MB 114AM	LISTER	13
MB 118AM	LISTER	1
MB 118AM	LISTER	13
MB 121CP	KHD	4
MB 122CP	LISTER	15
MB 123CP	LISTER	15
MB 123CP	LISTER	16
MB 124CP	DETROIT DIESEL	2
MB 134AM	AUTO BIANCHI	5
MB 140CP	DETROIT DIESEL	2
MB 147CP	O.M.	6
MB 147CP	FIAT TRACTOR	7
MB 147CP	FIAT IVECO	14
MB 148AM	JOHN DEERE	9
MB 149AM	JOHN DEERE	6
MB 149AM	JOHN DEERE	12
MB 152AM	I.H.C.	3
MB 153AM	I.H.C.	3
MB 155SI	CATERPILLAR 1	11
MB 155SI	CATERPILLAR 1	12
MB 155SI	CATERPILLAR 1	13
MB 155SI	CATERPILLAR 1	14
MB 159AM	JOHN DEERE	9
MB 160AM	MWM	1
MB 162AM	AUTO BIANCHI	5
MB 163AM	MERCEDES BENZ	10
MB 172CP	FIAT / ALLIS	1
MB 172CP	FIAT IVECO	2
MB 172CP	FIAT TRACTOR	3

Set No.	Make	Line
MB 172CP	FIAT TRACTOR	5
MB 172CP	O.M.	5
MB 172CP	FIAT TRACTOR	6
MB 172CP	FIAT IVECO	7
MB 172CP	FIAT IVECO	10
MB 172CP	FIAT IVECO	11
MB 172CP	FIAT IVECO	13
MB 177CP	FIAT / ALLIS	9
MB 177CP	O.M.	11
MB 177CP	O.M.	12
MB 177CP	FIAT IVECO	22
MB 177CP	FIAT IVECO	27
MB 178CP	FIAT / ALLIS	9
MB 178CP	O.M.	12
MB 178CP	O.M.	13
MB 178CP	FIAT IVECO	22
MB 178CP	FIAT IVECO	27
MB 178CP	FIAT IVECO	28
MB 178CP	FIAT IVECO	29
MB 180AM	AUTO BIANCHI	5
MB 181AM	AUTO BIANCHI	5
MB 192CP	FIAT IVECO	8
MB 204AM	PETTER	2
MB 205AM	PETTER	2
MB 206BP	LISTER	5
MB 207AM	PETTER	3
MB 208CP	LISTER	6
MB 209CP	LISTER	10
MB 210CP	LISTER	2
MB 300AM	I.H.C.	5
MB 305AM	AUSTIN	1
MB 307AM	FORD EUROPE	6
MB 307AM	FORD EUROPE	10
MB 310AM	FIAT	1
MB 311AM	WILLYS	1
MB 311AM	AUSTIN	2
MB 313AM	AUSTIN	5
MB 313AM	M.G.	5
MB 313AM	M.G.	6
MB 314CP	JOHN DEERE	2
MB 314CP	JOHN DEERE	4
MB 317CP	LISTER	7
MB 317CP	LISTER	9
MB 319AM	JEEP	2
MB 321AM	AUSTIN	1
MB 321AM	M.G.	1
MB 321AM	AUSTIN	2
MB 321AM	WILLYS	2
MB 321AM	AUSTIN	3
MB 321AM	AUSTIN	4
MB 322AM	RELIANT	2
MB 324AM	AUTO BIANCHI	1
MB 324AM	FIAT	2
MB 324AM	SEAT	2
MB 324AM	FIAT	3
MB 325AM	FIAT	13
MB 326AM	BEDFORD	1
MB 326AM	BEDFORD	2
MB 326AM	BEDFORD	3
MB 326AM	VAUXHALL	3
MB 326AM	VAUXHALL	4
MB 326AM	VAUXHALL	7
MB 328AM	M.G.	1
MB 328AM	M.G.	3
MB 328AM	AUSTIN	4
MB 328AM	M.G.	4
MB 328AM	AUSTIN	5
MB 328AM	M.G.	5
MB 329AM	FERGUSON	1
MB 329AM	TRIUMPH	7
MB 332SI	SAAB	1
MB 332SI	FORD EUROPE	15
MB 333AM	SAAB	1
MB 333AM	FORD EUROPE	15
MB 335AM	OPEL	2
MB 335AM	VAUXHALL	2
MB 335AM	VAUXHALL	5

Set No.	Make	Line
MB 339AM	TRIUMPH	1
MB 339AM	TRIUMPH	2
MB 341AM	TRIUMPH	2
MB 341AM	TRIUMPH	4
MB 341AM	M.G.	8
MB 344AM	LAND ROVER	6
MB 344AM	ROVER	8
MB 344CP	LAND ROVER	6
MB 344CP	ROVER	8
MB 347AM	LEYLAND	1
MB 347AM	LEYLAND	2
MB 347AM	NISSAN	4
MB 347AM	AUSTIN	6
MB 347AM	M.G.	10
MB 348AM	TOYOTA	8
MB 354AM	PERKINS	5
MB 354AM	BEDFORD	8
MB 354AM	FORD EUROPE	17
MB 359AM	NISSAN	20
MB 360AM	JOHN DEERE	1
MB 360AM	JOHN DEERE	11
MB 361AM	DAVID BROWN	4
MB 362AM	DAVID BROWN	2
MB 362AM	DAVID BROWN	3
MB 364AM	RENAULT	1
MB 365AM	SKODA	1
MB 366AM	SHIBAURA	1
MB 368SI	JOHN DEERE	2
MB 377CP	MERCEDES BENZ	4
MB 378AM	RUGGERINI	4
MB 379CP	JOHN DEERE	2
MB 380CP	PORSCHE	1
MB 381AM	STANDARD	1
MB 407AM	CHRYSLER	28
MB 407AM	CHRYSLER	31
MB 408AM	FORD TRACTOR	4
MB 409AM	FORD (U.S.A.)	33
MB 410AM	GENERAL MOTORS	51
MB 414AM	I.K.A. (ARGENTINA)	2
MB 414AM	JEEP	11
MB 415AM	ROVER	9
MB 416AM	DAIHATSU	4
MB 417AM	JEEP	12
MB 419AM	FORD TRACTOR	3
MB 419AM	FORD EUROPE	36
MB 420AM	RELIANT	4
MB 420AM	FORD EUROPE	35
MB 424AM	FORD (U.S.A.)	33
MB 427AM	JEEP	8
MB 427AM	GENERAL MOTORS	30
MB 429AM	TOYOTA	57
MB 431SI	FORD EUROPE	22
MB 431SI	FORD (U.S.A.)	25
MB 431SI	FORD (U.S.A.)	26
MB 431SI	FORD (U.S.A.)	28
MB 431SI	FORD EUROPE	31
MB 432AM	TRIUMPH	5
MB 432AM	TRIUMPH	9
MB 434AM	TOYOTA	57
MB 435SI	RELIANT	3
MB 435SI	FORD (U.S.A.)	27
MB 435SI	FORD EUROPE	31
MB 435SI	FORD EUROPE	32
MB 436AM	I.K.A. (ARGENTINA)	3
MB 437AM	I.H.C.	2
MB 437AM	INTERNATIONAL	2
MB 438AM	CHRYSLER	32
MB 440AM	PERKINS	7
MB 440AM	LEYLAND	10
MB 440AM	FORD EUROPE	30
MB 443AM	JEEP	9
MB 443AM	GENERAL MOTORS	41
MB 443AM	GENERAL MOTORS	47
MB 445SI	YAMAHA MARINE	2
MB 445SI	ISUZU	27
MB 445SI	GENERAL MOTORS	39
MB 445SI	GENERAL MOTORS	50

Set No.	Make	Line
MB 451AM	BEDFORD	16
MB 452SI	YAMAHA MARINE	2
MB 452SI	ISUZU	27
MB 452SI	GENERAL MOTORS	39
MB 452SI	GENERAL MOTORS	50
MB 453AM	INFINITI	4
MB 453AM	NISSAN	18
MB 453AM	FORD (U.S.A.)	32
MB 454AM	GENERAL MOTORS	1
MB 454AM	SUZUKI	4
MB 457AM	AUSTIN	16
MB 458AM	HYUNDAI	1
MB 458AM	HYUNDAI	13
MB 458AM	MITSUBISHI	22
MB 458AM	MITSUBISHI	23
MB 458AM	CHRYSLER	26
MB 459SI	FORD (U.S.A.)	30
MB 459SI	MAZDA	31
MB 460CP	AUSTIN	14
MB 461AM	SUBARU	2
MB 461AM	SUBARU	3
MB 462AM	DAVID BROWN	1
MB 463SI	CHRYSLER	35
MB 466AM	JOHN DEERE	16
MB 473AM	INTERNATIONAL	2
MB 473AM	NISSAN	39
MB 473AM	NISSAN	40
MB 474AM	MAZDA	29
MB 475CP	MERCEDES BENZ	9
MB 480SI	GENERAL MOTORS	40
MB 481AM	JOHN DEERE	8
MB 482AM	JEEP	9
MB 482AM	GENERAL MOTORS	41
MB 482AM	GENERAL MOTORS	47
MB 483AM	JEEP	9
MB 483AM	GENERAL MOTORS	41
MB 483AM	GENERAL MOTORS	47
MB 484AM	JEEP	9
MB 484AM	GENERAL MOTORS	41
MB 484AM	GENERAL MOTORS	47
MB 490AM	KIA	1
MB 490AM	DAIHATSU	6
MB 491AM	JEEP	8
MB 491AM	GENERAL MOTORS	30
MB 492AM	JEEP	8
MB 492AM	GENERAL MOTORS	30
MB 493AM	JEEP	8
MB 493AM	GENERAL MOTORS	30
MB 495AM	INFINITI	2
MB 495AM	NISSAN	41
MB 495XP	NISSAN	7
MB 496AM	MAZDA	11
MB 496AM	FORD (U.S.A.)	22
MB 496AM	MAZDA	24
MB 499AM	FORD EUROPE	22
MB 499AM	FORD (U.S.A.)	25
MB 499AM	FORD (U.S.A.)	26
MB 499AM	FORD (U.S.A.)	28
MB 499AM	FORD EUROPE	31
MB 501AM	FORD (U.S.A.)	37
MB 501AM	FORD EUROPE	37
MB 501CP	FORD EUROPE	37
MB 504AM	PERKINS	11
MB 505AM	FORD (BRASIL)	1
MB 505AM	RENAULT	2
MB 505AM	VOLVO	2
MB 505AM	RENAULT	3
MB 505AM	RENAULT	5
MB 505AM	RENAULT	9
MB 506AM	TOYOTA	32
MB 506AM	TOYOTA	33
MB 508AM	VOLKSWAGEN	33
MB 509HP	GENERAL MOTORS	3
MB 509SI	GENERAL MOTORS	67
MB 509XP	GENERAL MOTORS	3
MB 510SI	CHRYSLER	45
MB 511AM	ALFA ROMEO	4

Set No.	Make	Line
MB 512AM	FORD (U.S.A.)	4
MB 512AM	FORD EUROPE	9
MB 512CP	FORD EUROPE	9
MB 516AM	BEDFORD	17
MB 517SI	JEEP	19
MB 517SI	CHRYSLER	46
MB 518AM	PEUGEOT	3
MB 519AM	PERKINS	12
MB 519AM	PERKINS	13
MB 519AM	PERKINS	14
MB 519AM	VOLVO	16
MB 519AM	PERKINS	18
MB 520AM	LEYLAND	3
MB 520AM	LEYLAND	4
MB 520AM	AUSTIN	8
MB 520AM	M.G.	11
MB 521AM	CHRYSLER	2
MB 521AM	CHRYSLER	3
MB 521AM	CHRYSLER	4
MB 521AM	HYUNDAI	7
MB 521AM	MITSUBISHI	7
MB 522AM	CITROEN	18
MB 522AM	PEUGEOT	19
MB 522AM	FIAT	21
MB 523AM	VOLVO	5
MB 523AM	VOLVO	7
MB 523AM	VOLVO	8
MB 524AM	CHRYSLER	7
MB 524AM	HYUNDAI	10
MB 524AM	CHRYSLER	15
MB 524AM	MITSUBISHI	15
MB 525AM	SUNBEAM	1
MB 525AM	HUMBER	2
MB 526AM	BEDFORD	11
MB 526AM	VAUXHALL	11
MB 526AM	FIAT	14
MB 526AM	OPEL	17
MB 526AM	OPEL	21
MB 529HP	FORD	8
MB 529SI	FORD (U.S.A.)	52
MB 529XP	FORD	8
MB 530AM	FORD TRACTOR	6
MB 530AM	FORD TRACTOR	7
MB 530AM	FORD TRACTOR	8
MB 530AM	FORD EUROPE	39
MB 530AM	FORD EUROPE	40
MB 531AM	PEUGEOT	11
MB 531AM	PEUGEOT	13
MB 533AM	RENAULT	15
MB 534AM	NISSAN	12
MB 535AM	TOYOTA	7
MB 536AM	MERCEDES BENZ	10
MB 536AM	MERCEDES BENZ	11
MB 537AM	CITROEN	2
MB 537AM	TALBOT	2
MB 537AM	PEUGEOT	4
MB 537AM	CHRYSLER	5
MB 537AM	TALBOT	5
MB 538CP	MERCEDES BENZ	30
MB 540AM	BEDFORD	5
MB 540AM	ISUZU	9
MB 540AM	GENERAL MOTORS	14
MB 541AM	R.V.I.	2
MB 541AM	TALBOT	10
MB 541AM	CITROEN	17
MB 541AM	PEUGEOT	20
MB 541AM	FORD EUROPE	24
MB 541AM	PEUGEOT	26
MB 541AM	PEUGEOT	29
MB 542AM	PEUGEOT	17
MB 542AM	CITROEN	18
MB 543AM	TALBOT	7
MB 544AM	B.M.W	4
MB 545AM	FORD EUROPE	7
MB 545AM	FORD (U.S.A.)	12
MB 545AM	FORD EUROPE	20
MB 546AM	MITSUBISHI	19

Set No.	Make	Line
MB 546AM	CHRYSLER	21
MB 546AM	MAZDA	26
MB 547AM	TOYOTA	21
MB 548AM	FORD TRACTOR	5
MB 548AM	FORD EUROPE	38
MB 549AM	NISSAN	16
MB 550AM	LAND ROVER	7
MB 550AM	LAND ROVER	9
MB 550AM	LEYLAND	9
MB 550CP	LAND ROVER	7
MB 550CP	LAND ROVER	9
MB 550CP	LEYLAND	9
MB 551AM	TOYOTA	3
MB 552AM	TOYOTA	16
MB 552AM	TOYOTA	17
MB 553AM	NISSAN	5
MB 554AM	GENERAL MOTORS	59
MB 555AM	CHRYSLER	48
MB 556HP	GENERAL MOTORS	4
MB 556HP	GENERAL MOTORS	6
MB 556HP	GENERAL MOTORS	7
MB 556SI	GENERAL MOTORS	76
MB 556XP	GENERAL MOTORS	4
MB 556XP	GENERAL MOTORS	6
MB 556XP	GENERAL MOTORS	7
MB 557HP	GENERAL MOTORS	2
MB 557SI	YAMAHA MARINE	3
MB 557SI	ISUZU	31
MB 557SI	GENERAL MOTORS	63
MB 557XP	GENERAL MOTORS	2
MB 557XP	YAMAHA MARINE	3
MB 558SI	CHRYSLER	40
MB 558XP	CHRYSLER	6
MB 559AM	FORD (U.S.A.)	65
MB 559AM	FORD (U.S.A.)	66
MB 561AM	LEYLAND	15
MB 561AM	LEYLAND	16
MB 562AM	LANCIA	3
MB 562AM	SEAT	6
MB 562AM	LANCIA	7
MB 562AM	SEAT	9
MB 562AM	LANCIA	11
MB 562AM	LANCIA	16
MB 562AM	FIAT	17
MB 562AM	FIAT	22
MB 562AM	FIAT	24
MB 562AM	FIAT	25
MB 562AM	FIAT	27
MB 563SI	CHRYSLER	38
MB 571AM	VAUXHALL	14
MB 571AM	BEDFORD	15
MB 572AM	MAZDA	6
MB 572AM	MAZDA	9
MB 572AM	MAZDA	12
MB 572AM	MAZDA	13
MB 572AM	FORD (U.S.A.)	14
MB 575AM	SAAB	2
MB 575AM	TRIUMPH	6
MB 577AM	CHRYSLER	12
MB 577AM	HYUNDAI	12
MB 577AM	MINI	18
MB 577AM	FORD (U.S.A.)	21
MB 577AM	CHRYSLER	22
MB 578AM	MAZDA	2
MB 580AM	TOYOTA	32
MB 581AM	I.H.C.	3
MB 581AM	INTERNATIONAL	3
MB 581AM	I.H.C.	4
MB 582AM	FORD (U.S.A.)	16
MB 583AM	FORD (U.S.A.)	50
MB 584AM	CHRYSLER	8
MB 585CP	BOLINDER	3
MB 587AM	NISSAN	23
MB 588AM	AMERICAN MOTORS	1
MB 588AM	VOLVO	2
MB 588AM	RENAULT	3
MB 588AM	VOLVO	3

Set No.	Make	Line
MB 588AM	RENAULT	4
MB 588AM	RENAULT	5
MB 588AM	RENAULT	11
MB 589AM	ROVER	10
MB 589AM	LEYLAND	14
MB 589AM	M.G.	15
MB 589AM	LAND ROVER	16
MB 589AM	GENERAL MOTORS	37
MB 590AM	PEUGEOT	11
MB 590AM	PEUGEOT	13
MB 592AM	GENERAL MOTORS	7
MB 593AM	AUTO BIANCHI	4
MB 593AM	FIAT	8
MB 594AM	PERKINS	9
MB 594AM	VOLKSWAGEN	41
MB 597AM	ISUZU	14
MB 601AM	VOLVO	6
MB 601AM	AUDI	23
MB 602AM	MERCEDES BENZ	25
MB 603CP	M.A.N.	4
MB 605AM	AUDI	21
MB 605AM	AUDI	22
MB 605AM	AUDI	23
MB 605AM	VOLKSWAGEN	39
MB 605AM	VOLKSWAGEN	40
MB 606AM	MERCEDES BENZ	13
MB 606AM	MERCEDES BENZ	21
MB 607SI	LANCIA	22
MB 607SI	FIAT	28
MB 607SI	FIAT	31
MB 608AM	MERCEDES BENZ	25
MB 609AM	MERCEDES BENZ	25
MB 610AM	MERCEDES BENZ	25
MB 612AM	VOLVO	11
MB 612AM	RENAULT	29
MB 613CP	M.A.N.	8
MB 613CP	MERCEDES BENZ	54
MB 615CP	MERCEDES BENZ	48
MB 616CP	R.V.I.	8
MB 617CP	MERCEDES BENZ	47
MB 618CP	KHD	13
MB 619CP	KHD	12
MB 620CP	KHD	5
MB 621SI	FORD (U.S.A.)	64
MB 622AM	VOLKSWAGEN	37
MB 623AM	TOYOTA	49
MB 624XA	MERCEDES BENZ	20
MB 624XA	CHRYSLER	23
MB 625AM	ACURA	9
MB 626AM	LAND ROVER	11
MB 629SI	CHRYSLER	52
MB 634CA	ALFA ROMEO	6
MB 634CA	LANCIA	21
MB 701CP	LEYLAND	29
MB 702CP	LEYLAND	24
MB 703AM	BEDFORD	18
MB 703AM	BEDFORD	19
MB 704AM	FORD EUROPE	41
MB 704AM	FORD (U.S.A.)	55
MB 704CP	FORD EUROPE	41
MB 705AM	PERKINS	16
MB 706CP	HERCULES MOTOR	1
MB 708CP	DAF	1
MB 710CP	HYUNDAI	18
MB 710CP	MINI	34
MB 711CP	R.V.I.	10
MB 711CP	R.V.I.	12
MB 711CP	R.V.I.	13
MB 712CP	R.V.I.	9
MB 712CP	R.V.I.	11
MB 713CP	LEYLAND	25
MB 714CP	CUMMINS	4
MB 714CP	CUMMINS	5
MB 714CP	CUMMINS	6
MB 716CP	R.V.I.	5
MB 716CP	R.V.I.	6
MB 717CP	R.V.I.	6

Set No.	Make	Line
MB 718CP	SCANIA	2
MB 719CP	MINI	30
MB 719CP	MINI	33
MB 722AM	MERCEDES BENZ	52
MB 723CP	M.A.N.	2
MB 724CP	MACK	1
MB 725AM	LEYLAND	21
MB 726CP	KHD	7
MB 727AM	PERKINS	19
MB 727AM	PERKINS	20
MB 727AM	PERKINS	21
MB 728CP	MERCEDES BENZ	39
MB 730CP	MERCEDES BENZ	49
MB 734CP	VOLVO	20
MB 734CP	VOLVO	21
MB 735CP	VOLVO	22
MB 735CP	VOLVO	23
MB 735CP	VOLVO	24
MB 735CP	VOLVO	25
MB 736CP	MERCEDES BENZ	51
MB 737AM	FORD TRACTOR	9
MB 737AM	FORD EUROPE	42
MB 737AM	FORD EUROPE	43
MB 737CP	FORD EUROPE	42
MB 737CP	FORD EUROPE	43
MB 738AM	FORD TRACTOR	10
MB 738AM	FORD TRACTOR	11
MB 738AM	FORD EUROPE	44
MB 738AM	FORD EUROPE	45
MB 752SI	GENERAL MOTORS	45
MB 752SI	GENERAL MOTORS	46
MB 752SI	GENERAL MOTORS	53
MB 757AM	VAUXHALL	16
MB 757AM	OPEL	25
MB 757AM	OPEL	26
MB 760SI	FORD (U.S.A.)	42
MB 760SI	FORD (U.S.A.)	51
MB 761AM	LAND ROVER	12
MB 762AM	FORD (U.S.A.)	34
MB 763SI	INTERNATIONAL	3
MB 763SI	AMERICAN MOTORS	7
MB 763SI	JEEP	14
MB 764AM	TOYOTA	59
MB 765AM	LEYLAND	18
MB 765AM	LEYLAND	20
MB 766CP	MERCEDES BENZ	17
MB 767AM	TOYOTA	37
MB 767AM	TOYOTA	39
MB 768AM	NISSAN	17
MB 768AM	NISSAN	34
MB 769AM	NISSAN	43
MB 770AM	B.M.W	7
MB 771CP	JAGUAR (BRITISH	5
MB 771CP	MERCEDES BENZ	35
MB 773AM	VOLVO	15
MB 774CP	CONTINENTAL	4
MB 775CP	GARDNER	5
MB 775CP	GARDNER	6
MB 776AM	VOLVO	10
MB 776AM	VOLKSWAGEN	38
MB 776CP	VOLVO	10
MB 777CP	GARDNER	4
MB 778AM	ISUZU	33
MB 778AM	ISUZU	34
MB 779AM	I.K.A. (ARGENTINA)	4
MB 780AM	INTERNATIONAL	4
MB 780AM	I.H.C.	6
MB 780AM	I.H.C.	7
MB 780AM	I.H.C.	8
MB 782AM	FORD (U.S.A.)	35
MB 784CP	M.A.N.	3
MB 785AM	FORD (U.S.A.)	36
MB 786AM	BEDFORD	20
MB 786AM	BEDFORD	21
MB 787AM	TOYOTA	39
MB 788CP	JAGUAR (BRITISH	2
MB 788CP	JAGUAR (BRITISH	4

Set No.	Make	Line
MB 788CP	MERCEDES BENZ	18
MB 788XP	JAGUAR	1
MB 788XP	MERCEDES BENZ	1
MB 789AM	M.G.	14
MB 789AM	AUSTIN	15
MB 790CP	FIAT IVECO	21
MB 791CP	FIAT / ALLIS	8
MB 791CP	O.M.	10
MB 791CP	FIAT TRACTOR	11
MB 791CP	FIAT IVECO	25
MB 791CP	FIAT IVECO	26
MB 792CP	JAGUAR (BRITISH	6
MB 792CP	MERCEDES BENZ	38
MB 797CP	M.A.N.	6
MB 798CP	B.M.W	6
MB 799AM	JOHN DEERE	7
MB 799AM	JOHN DEERE	15
MB 901CP	GARDNER	8
MB 902CP	GARDNER	1
MB1009AM	MWM	1
MB1034CP	CATERPILLAR	3
MB1034CP	CATERPILLAR	4
MB1034SI	CATERPILLAR 1	8
MB1034SI	CATERPILLAR 1	9
MB1035CP	CATERPILLAR	3
MB1035CP	CATERPILLAR	4
MB1035SI	CATERPILLAR 1	2
MB1035SI	CATERPILLAR 1	8
MB1035SI	CATERPILLAR 1	9
MB1036CP	CATERPILLAR	4
MB1036SI	CATERPILLAR 1	2
MB1036SI	CATERPILLAR 1	9
MB1037CP	CATERPILLAR	9
MB1037SI	CATERPILLAR 1	1
MB1038CP	CATERPILLAR	9
MB1038SI	CATERPILLAR 1	1
MB1040CP	MWM-DITER	1
MB1129AM	LOMBARDINI	7
MB1130AM	LOMBARDINI	8
MB1131AM	LOMBARDINI	5
MB1132AM	RUGGERINI	2
MB1132AM	RUGGERINI	5
MB1137CP	MWM	3
MB1144AM	JOHN DEERE	18
MB1145AM	JOHN DEERE	18
MB1172CP	YANMAR	1
MB1173CP	YANMAR	1
MB1174CP	YANMAR	1
MB1182SI	LOMBARDINI	4
MB1190XA	MERCEDES BENZ	5
MB1192SI	JOHN DEERE	13
MB1193SI	JOHN DEERE	13
MB1214CP	SAME	1
MB1215SI	JOHN DEERE	21
MB1216SI	JOHN DEERE	21
MB1216SI	JOHN DEERE	22
MB1223CP	JOHN DEERE	21
MB1223CP	JOHN DEERE	22
MB1246CP	MWM	2
MB1246CP	VOLKSWAGEN	42
MB1250AM	PACKARD	1
MB3301AM	SUBARU	1
MB3302AM	SUBARU	1
MB3305AM	NISSAN	6
MB3305AM	NISSAN	10
MB3306AM	SEAT	1
MB3306AM	AUTO BIANCHI	2
MB3306AM	SEAT	2
MB3306AM	FIAT	3
MB3307AM	MITSUBISHI	6
MB3309AM	BEDFORD	2
MB3309AM	BEDFORD	3
MB3309AM	VAUXHALL	4
MB3309AM	VAUXHALL	7
MB3310AM	NISSAN	2
MB3311SI	SUBARU	4
MB3312AM	TOYOTA	24

Set No.	Make	Line
MB3315AM	FORD EUROPE	21
MB3316AM	RASTROJERO	1
MB3317AM	RASTROJERO	2
MB3319AM	ALFA ROMEO	1
MB3320AM	FORD EUROPE	3
MB3321AM	I.K.A. (ARGENTINA)	1
MB3322AM	LEYLAND	7
MB3322AM	AUSTIN	11
MB3323AM	LEYLAND	11
MB3323AM	AUSTIN	12
MB3323AM	LEYLAND	12
MB3323AM	AUSTIN	13
MB3323AM	LEYLAND	13
MB3324AM	SUBARU	6
MB3329AM	FORD EUROPE	3
MB3331SI	SUBARU	4
MB3332AM	FERGUSON	2
MB3332AM	LEYLAND	8
MB3332AM	TRIUMPH	8
MB3332AM	TALBOT	9
MB3334AM	FORD EUROPE	5
MB3339AM	CONTINENTAL	2
MB3340AM	CONTINENTAL	3
MB3341AM	FORD TRACTOR	1
MB3342AM	FORD TRACTOR	2
MB3343AM	TOYOTA	24
MB3346AM	SUBARU	6
MB3347AM	ALFA ROMEO	2
MB3349CP	LANCIA	4
MB3353CP	MERCEDES BENZ	1
MB4007AM	ACURA	10
MB4008AM	INFINITI	4
MB4008AM	NISSAN	18
MB4008AM	FORD (U.S.A.)	32
MB4010AM	ACURA	13
MB4010AM	ISUZU	23
MB4010AM	HONDA	24
MB4011AM	LEXUS	3
MB4011AM	TOYOTA	43
MB4011AM	TOYOTA	46
MB4012AM	LEXUS	1
MB4012AM	LEXUS	2
MB4012AM	TOYOTA	36
MB4012AM	TOYOTA	40
MB4012AM	TOYOTA	47
MB4014SI	JOHN DEERE	14
MB4015AM	FORD EUROPE	34
MB4016AM	HYUNDAI	13
MB4016AM	HYUNDAI	14
MB4016AM	MITSUBISHI	23
MB4016AM	CHRYSLER	25
MB4017SI	GENERAL MOTORS	42
MB4018SI	GENERAL MOTORS	43
MB4019CP	FIAT TRACTOR	1
MB4019CP	FIAT / ALLIS	2
MB4022CP	DETROIT DIESEL	1
MB4023AM	FORD EUROPE	34
MB4023SI	FORD (U.S.A.)	29
MB4023SI	MAZDA	33
MB4023SI	MAZDA	34
MB4023SI	FORD (U.S.A.)	40
MB4023SI	FORD (U.S.A.)	41
MB4024CP	DETROIT DIESEL	1
MB4032CP	MERCEDES BENZ	15
MB4033CP	BOLINDER	2
MB4034SI	FORD (U.S.A.)	38
MB4034SI	FORD (U.S.A.)	43
MB4035AM	TALBOT	12
MB4035AM	VOLVO	12
MB4035AM	VOLVO	13
MB4035AM	LANCIA	24
MB4035AM	RENAULT	31
MB4035AM	PEUGEOT	36
MB4037AM	TOYOTA	52
MB4038CP	MERCEDES BENZ	50
MB4040SI	CHRYSLER	29
MB4041CP	JOHN DEERE	14

Set No.	Make	Line
MB4042AM	SUZUKI	1
MB4043AM	DAEWOO	1
MB4043AM	SUZUKI	2
MB4044AM	DAIHATSU	1
MB4048CP	LISTER	11
MB4049SI	VAUXHALL	15
MB4049SI	OPEL	23
MB4049SI	OPEL	24
MB4049SI	GENERAL MOTORS	31
MB4050AM	KIA	13
MB4050AM	HYUNDAI	16
MB4050AM	MITSUBISHI	25
MB4052SI	FORD (U.S.A.)	39
MB4053CP	KHD	8
MB4054CP	KHD	9
MB4055CP	KHD	1
MB4056SI	MAZDA	30
MB4056SI	FORD (U.S.A.)	31
MB4057AM	ACURA	11
MB4057AM	HONDA	23
MB4058AM	INFINITI	3
MB4058AM	INFINITI	5
MB4058AM	NISSAN	38
MB4058AM	NISSAN	42
MB4058XP	NISSAN	9
MB4059AM	SUBARU	10
MB4060SI	CHRYSLER	34
MB4061AM	FORD EUROPE	1
MB4062AM	ACURA	12
MB4063CP	JOHN DEERE	3
MB4063CP	JOHN DEERE	14
MB4064SI	FORD (U.S.A.)	38
MB4064SI	FORD (U.S.A.)	43
MB4066AM	DAIHATSU	5
MB4066AM	DAIHATSU	7
MB4067AM	DAIHATSU	2
MB4069SI	FORD (U.S.A.)	38
MB4069SI	FORD (U.S.A.)	43
MB4071AM	INFINITI	2
MB4071AM	NISSAN	18
MB4071AM	NISSAN	41
MB4072AM	MERCEDES BENZ	26
MB4074SI	CHRYSLER	24
MB4080SI	JEEP	7
MB4080SI	ISUZU	20
MB4080SI	GENERAL MOTORS	34
MB4080SI	GENERAL MOTORS	35
MB4085CP	PERKINS	1
MB4086AM	PERKINS	2
MB4087AM	I.H.C.	2
MB4087AM	INTERNATIONAL	2
MB4088CP	O.M.	6
MB4088CP	FIAT TRACTOR	7
MB4089AM	SMART	1
MB4091SI	JEEP	7
MB4091SI	GENERAL MOTORS	34
MB4092SI	JEEP	7
MB4092SI	ISUZU	20
MB4092SI	GENERAL MOTORS	34
MB4092SI	GENERAL MOTORS	35
MB4093SI	JEEP	7
MB4093SI	ISUZU	20
MB4093SI	GENERAL MOTORS	34
MB4093SI	GENERAL MOTORS	35
MB4094SI	JEEP	7
MB4094SI	ISUZU	20
MB4094SI	GENERAL MOTORS	34
MB4094SI	GENERAL MOTORS	35
MB4100AM	DAIHATSU	3
MB4101SI	ALFA ROMEO	9
MB4101SI	LANCIA	25
MB4101SI	FIAT	32
MB4102SI	JEEP	10
MB4102SI	MITSUBISHI	24
MB4102SI	CHRYSLER	33
MB4103SI	CHRYSLER	27
MB4103SI	CHRYSLER	30

Set No.	Make	Line
MB4106AM	HYUNDAI	4
MB4108AM	OPEL	1
MB4108AM	VAUXHALL	1
MB4200AM	RELIANT	4
MB4200AM	FORD EUROPE	35
MB4270AM	JEEP	8
MB4270AM	GENERAL MOTORS	30
MB4271AM	DAEWOO	2
MB4272SI	HOLDEN	3
MB4272SI	GENERAL MOTORS	38
MB4273SI	MINI	4
MB4273SI	MINI	5
MB4274SI	MINI	3
MB4507SI	SUZUKI	11
MB5000AM	PERKINS	11
MB5001CP	KHD	10
MB5002CP	KHD	11
MB5003CP	R.V.I.	4
MB5004CP	FIAT IVECO	4
MB5006SI	CUMMINS	1
MB5007SI	GENERAL MOTORS	13
MB5008SI	FORD (U.S.A.)	10
MB5008SI	MAZDA	14
MB5008SI	FORD EUROPE	19
MB5009AM	FORD EUROPE	13
MB5009AM	FORD EUROPE	14
MB5010AM	FORD EUROPE	37
MB5012AM	LAND ROVER	1
MB5012AM	ROVER	2
MB5012AM	ROVER	4
MB5013XP	GENERAL MOTORS	5
MB5014CP	FIAT IVECO	6
MB5015AM	FIAT IVECO	31
MB5016CP	FIAT IVECO	23
MB5016CP	FIAT IVECO	30
MB5017AM	IFA	1
MB5018AM	MERCEDES BENZ	11
MB5019AM	MERCEDES BENZ	11
MB5020AM	MERCEDES BENZ	11
MB5021AM	NISSAN	13
MB5022AM	HYUNDAI	8
MB5025AM	FORD EUROPE	4
MB5025AM	FORD EUROPE	12
MB5026AM	TOYOTA	13
MB5027AM	AUDI	1
MB5027AM	VOLKSWAGEN	2
MB5027AM	VOLKSWAGEN	3
MB5027AM	VOLKSWAGEN	4
MB5028AM	AUDI	1
MB5028AM	VOLKSWAGEN	3
MB5028AM	VOLKSWAGEN	6
MB5028AM	VOLKSWAGEN	12
MB5029CP	NISSAN	21
MB5029CP	NISSAN	32
MB5029CP	NISSAN	33
MB5031AM	LAND ROVER	17
MB5032AM	FORD EUROPE	12
MB5033AM	LAND ROVER	15
MB5033CP	LAND ROVER	15
MB5035AM	ISUZU	3
MB5035AM	ISUZU	4
MB5036AM	FIAT	12
MB5036AM	FIAT	18
MB5037AM	ALFA ROMEO	5
MB5037AM	FIAT	10
MB5037AM	LANCIA	10
MB5037AM	LANCIA	14
MB5037AM	LANCIA	15
MB5037AM	LANCIA	18
MB5037AM	FIAT	20
MB5037AM	FIAT	23
MB5037AM	FIAT	26
MB5039AM	MERCEDES BENZ	10
MB5039AM	MERCEDES BENZ	11
MB5041AM	LANCIA	7
MB5041AM	LANCIA	9
MB5041AM	LANCIA	17

Set No.	Make	Line
MB5051CP	BOLINDER	1
MB5052AM	CHRYSLER	9
MB5052AM	MINI	12
MB5056AM	DAIHATSU	12
MB5057AM	KIA	12
MB5057AM	MAZDA	32
MB5058AM	FORD (U.S.A.)	69
MB5060AM	TOYOTA	45
MB5060AM	TOYOTA	48
MB5060AM	TOYOTA	50
MB5060AM	TOYOTA	51
MB5062AM	PEUGEOT	30
MB5063AM	PEUGEOT	31
MB5063AM	PEUGEOT	32
MB5064CP	M.A.N.	7
MB5064CP	MERCEDES BENZ	53
MB5065AM	CHRYSLER	10
MB5065AM	MINI	12
MB5066CP	MERCEDES BENZ	4
MB5069AM	NEW HOLLAND	1
MB5070AM	AUDI	1
MB5070AM	VOLKSWAGEN	2
MB5070AM	AUDI	3
MB5070AM	VOLKSWAGEN	5
MB5070AM	CHRYSLER	6
MB5070AM	AUDI	7
MB5070AM	AUDI	8
MB5070AM	AUDI	9
MB5070AM	VOLKSWAGEN	9
MB5070AM	VOLKSWAGEN	10
MB5070AM	AUDI	12
MB5070AM	VOLKSWAGEN	16
MB5070AM	VOLKSWAGEN	22
MB5072AM	FORD (BRASIL)	2
MB5073AM	GENERAL MOTORS	7
MB5074CP	HYUNDAI	15
MB5074CP	MINI	26
MB5074CP	MINI	27
MB5074CP	MINI	28
MB5075CP	O.M.	6
MB5075CP	FIAT TRACTOR	7
MB5075CP	FIAT IVECO	14
MB5076CP	FIAT IVECO	8
MB5077AM	TOYOTA	3
MB5077AM	TOYOTA	15
MB5078SI	ISUZU	3
MB5078SI	ISUZU	4
MB5078SI	OPEL	6
MB5078SI	ISUZU	7
MB5078SI	OPEL	7
MB5078SI	OPEL	9
MB5081AM	R.V.I.	1
MB5081AM	CHRYSLER	11
MB5081AM	RENAULT	18
MB5081AM	RENAULT	19
MB5081AM	CITROEN	22
MB5081AM	PEUGEOT	24
MB5081AM	RENAULT	24
MB5081AM	RENAULT	25
MB5081AM	RENAULT	26
MB5081AM	PEUGEOT	28
MB5082AM	B.M.W	1
MB5082AM	B.M.W	3
MB5083CP	VOLKSWAGEN/MAN	1
MB5084AM	OPEL	16
MB5085AM	TOYOTA	22
MB5088SI	ISUZU	10
MB5088SI	GENERAL MOTORS	20
MB5089AM	TOYOTA	34
MB5089AM	TOYOTA	38
MB5090CP	R.V.I.	7
MB5091CP	FIAT IVECO	5
MB5093AM	ISUZU	21
MB5093AM	ISUZU	25
MB5095AM	TOYOTA	2
MB5098AM	ISUZU	12
MB5099AM	ISUZU	22

Set No.	Make	Line
MB5099AM	ISUZU	25
MB5101CP	INTERNATIONAL	10
MB5101CP	INTERNATIONAL	11
MB5101CP	INTERNATIONAL	12
MB5102CP	CASE	1
MB5104CP	CATERPILLAR	7
MB5104SI	CATERPILLAR 1	13
MB5105AM	GENERAL MOTORS	76
MB5116HP	CHRYSLER	9
MB5116XP	CHRYSLER	9
MB5117AM	MERCEDES BENZ	6
MB5117AM	MERCEDES BENZ	7
MB5117AM	MERCEDES BENZ	8
MB5117AM	MERCEDES BENZ	14
MB5118CP	MERCEDES BENZ	32
MB5120AM	FORD EUROPE	9
MB5122CP	O.M.	1
MB5122CP	FIAT IVECO	3
MB5122CP	R.V.I.	3
MB5122CP	FIAT IVECO	4
MB5122CP	ALFA ROMEO	8
MB5122CP	SEAT	12
MB5122CP	LANCIA	23
MB5122CP	RENAULT	30
MB5122CP	FIAT	33
MB5128AM	ISUZU	2
MB5128AM	ISUZU	6
MB5128AM	ISUZU	8
MB5128AM	GENERAL MOTORS	10
MB5129AM	TALBOT	8
MB5129AM	CITROEN	15
MB5129AM	CITROEN	20
MB5129AM	LANCIA	20
MB5129AM	CITROEN	21
MB5129AM	PEUGEOT	21
MB5129AM	PEUGEOT	22
MB5129AM	PEUGEOT	25
MB5129AM	PEUGEOT	27
MB5129AM	FIAT	29
MB5130AM	PERKINS	10
MB5131AM	TALBOT	11
MB5131AM	CITROEN	24
MB5131AM	CITROEN	26
MB5131AM	PEUGEOT	33
MB5131AM	FIAT	34
MB5131AM	PEUGEOT	34
MB5132AM	FORD EUROPE	2
MB5133AM	TALBOT	11
MB5133AM	CITROEN	23
MB5133AM	CITROEN	25
MB5133AM	FIAT	30
MB5133AM	PEUGEOT	33
MB5136CP	ISUZU	25
MB5138AM	MERCEDES BENZ	14
MB5139AM	MAZDA	27
MB5144AM	TOYOTA	28
MB5144AM	TOYOTA	35
MB5145AM	TOYOTA	28
MB5145AM	TOYOTA	35
MB5145AM	TOYOTA	42
MB5148SI	JEEP	5
MB5150CP	JOHN DEERE	13
MB5157AM	BEDFORD	10
MB5157AM	ISUZU	12
MB5157AM	GENERAL MOTORS	21
MB5158AM	KIA	7
MB5158AM	FORD (U.S.A.)	13
MB5158AM	MAZDA	19
MB5159AM	NISSAN	27
MB5159AM	NISSAN	28
MB5168AM	ROVER	1
MB5168AM	HONDA	2
MB5168AM	HONDA	3
MB5168AM	TRIUMPH	3
MB5168AM	ACURA	6
MB5168AM	HONDA	6
MB5168AM	HONDA	12

Set No.	Make	Line
MB5168AM	HONDA	14
MB5168AM	HONDA	16
MB5168AM	HONDA	21
MB5171AM	FORD (U.S.A.)	11
MB5171AM	MAZDA	15
MB5174AM	JOHN DEERE	9
MB5176AM	MITSUBISHI	10
MB5176AM	MITSUBISHI	11
MB5177AM	CHRYSLER	13
MB5177AM	MITSUBISHI	13
MB5177AM	MITSUBISHI	15
MB5179AM	DAEWOO	6
MB5179AM	VAUXHALL	10
MB5179AM	OPEL	11
MB5179AM	GENERAL MOTORS	12
MB5179AM	OPEL	12
MB5179AM	OPEL	15
MB5179AM	GENERAL MOTORS	18
MB5179AM	OPEL	18
MB5180AM	AMERICAN MOTORS	2
MB5180AM	RENAULT	16
MB5180AM	RENAULT	23
MB5182AM	CITROEN	13
MB5182AM	PEUGEOT	15
MB5182AM	CITROEN	16
MB5182AM	PEUGEOT	18
MB5182AM	PEUGEOT	23
MB5183AM	YAMAHA MARINE	3
MB5183SI	ISUZU	31
MB5183SI	GENERAL MOTORS	63
MB5184SI	YAMAHA MARINE	3
MB5184SI	ISUZU	31
MB5184SI	GENERAL MOTORS	63
MB5185SI	YAMAHA MARINE	3
MB5185SI	ISUZU	31
MB5185SI	GENERAL MOTORS	63
MB5186AM	FORD (U.S.A.)	60
MB5186AM	FORD (U.S.A.)	62
MB5187AM	FORD (U.S.A.)	60
MB5187AM	FORD (U.S.A.)	62
MB5188AM	FORD (U.S.A.)	60
MB5188AM	FORD (U.S.A.)	62
MB5189SI	FORD (U.S.A.)	59
MB5189SI	FORD (U.S.A.)	63
MB5190SI	FORD (U.S.A.)	59
MB5190SI	FORD (U.S.A.)	63
MB5191SI	FORD (U.S.A.)	59
MB5191SI	FORD (U.S.A.)	63
MB5192AM	AUDI	1
MB5192AM	AUDI	3
MB5192AM	VOLKSWAGEN	5
MB5192AM	AUDI	7
MB5192AM	AUDI	8
MB5192AM	AUDI	9
MB5192AM	AUDI	12
MB5193AM	GENERAL MOTORS	7
MB5194CP	M.A.N.	1
MB5195AM	MITSUBISHI	19
MB5195AM	CHRYSLER	21
MB5195AM	MAZDA	26
MB5196AM	FORD (U.S.A.)	52
MB5197AM	FORD (U.S.A.)	52
MB5198CP	MERCEDES BENZ	30
MB5199SI	JOHN DEERE	13
MB5200CP	M.A.N.	1
MB5201AM	GENERAL MOTORS	67
MB5202AM	GENERAL MOTORS	67
MB5203AM	GENERAL MOTORS	67
MB5204AM	FORD (U.S.A.)	65
MB5204AM	FORD (U.S.A.)	66
MB5205AM	FORD (U.S.A.)	65
MB5205AM	FORD (U.S.A.)	66
MB5206AM	FORD (U.S.A.)	65
MB5206AM	FORD (U.S.A.)	66
MB5207AM	FIAT	4
MB5207AM	AUTO BIANCHI	5
MB5208AM	FIAT	4

Set No.	Make	Line
MB5208AM	AUTO BIANCHI	5
MB5209AM	CHRYSLER	13
MB5209AM	MITSUBISHI	13
MB5209AM	MITSUBISHI	15
MB5209XP	MITSUBISHI	2
MB5209XP	CHRYSLER	3
MB5209XP	MITSUBISHI	3
MB5209XP	CHRYSLER	4
MB5209XP	MITSUBISHI	4
MB5209XP	MITSUBISHI	5
MB5209XP	MITSUBISHI	6
MB5212AM	GENERAL MOTORS	76
MB5213AM	GENERAL MOTORS	76
MB5214AM	GENERAL MOTORS	76
MB5219AM	FORD (U.S.A.)	47
MB5220AM	SUBARU	5
MB5220AM	SUBARU	7
MB5220XP	SUBARU	1
MB5224AM	GENERAL MOTORS	3
MB5224AM	GENERAL MOTORS	67
MB5225AM	KIA	7
MB5225AM	FORD (U.S.A.)	15
MB5225AM	MAZDA	18
MB5225AM	MAZDA	20
MB5226AM	MAZDA	27
MB5227AM	CHRYSLER	7
MB5227AM	MITSUBISHI	8
MB5227AM	HYUNDAI	10
MB5227AM	CHRYSLER	15
MB5227AM	MITSUBISHI	15
MB5227XP	HYUNDAI	1
MB5227XP	CHRYSLER	2
MB5227XP	MITSUBISHI	2
MB5227XP	MITSUBISHI	3
MB5227XP	MITSUBISHI	7
MB5228AM	CHRYSLER	12
MB5228AM	HYUNDAI	12
MB5228AM	MITSUBISHI	18
MB5228AM	FORD (U.S.A.)	21
MB5228AM	CHRYSLER	22
MB5229AM	NISSAN	5
MB5230AM	NISSAN	7
MB5231AM	NISSAN	12
MB5232AM	NISSAN	9
MB5232AM	NISSAN	15
MB5233AM	NISSAN	23
MB5234AM	SUBARU	5
MB5234AM	SUBARU	7
MB5234AM	SUBARU	9
MB5236AM	FORD (U.S.A.)	52
MB5237AM	CHRYSLER	3
MB5237AM	CHRYSLER	4
MB5237AM	HYUNDAI	7
MB5237AM	MITSUBISHI	7
MB5238AM	DAIHATSU	10
MB5240AM	VOLVO	9
MB5241AM	FORD EUROPE	23
MB5243AM	INFINITI	1
MB5243AM	NISSAN	19
MB5243XP	INFINITI	1
MB5243XP	NISSAN	2
MB5243XP	NISSAN	3
MB5244AM	HONDA	1
MB5244AM	HONDA	4
MB5244AM	HONDA	5
MB5244AM	HONDA	7
MB5244AM	HONDA	8
MB5245AM	NISSAN	24
MB5247AM	DAEWOO	7
MB5247AM	OPEL	10
MB5247AM	ISUZU	11
MB5247AM	OPEL	18
MB5248AM	AMERICAN MOTORS	3
MB5248AM	AUDI	17
MB5248AM	VOLKSWAGEN	33
MB5250AM	AUTO BIANCHI	5
MB5251CP	MITSUBISHI	20

Set No.	Make	Line
MB5252CP	MITSUBISHI	35
MB5253CP	BEDFORD	13
MB5253CP	ISUZU	15
MB5255AM	FORD (U.S.A.)	47
MB5256AM	HYUNDAI	9
MB5257SI	GENERAL MOTORS	66
MB5258CP	GENERAL MOTORS	66
MB5259AM	ACURA	3
MB5259AM	ACURA	4
MB5259AM	ACURA	5
MB5259AM	ACURA	8
MB5259AM	HONDA	11
MB5259AM	HONDA	18
MB5259XP	ACURA	2
MB5259XP	HONDA	2
MB5259XP	ACURA	3
MB5259XP	HONDA	3
MB5259XP	ACURA	4
MB5259XP	ACURA	5
MB5259XP	HONDA	6
MB5259XP	HONDA	7
MB5259XP	HONDA	12
MB5261CP	KIA	15
MB5261CP	HINO	16
MB5262AM	CITROEN	7
MB5262AM	PEUGEOT	12
MB5262AM	CITROEN	14
MB5262AM	PEUGEOT	16
MB5263CP	INTERNATIONAL	7
MB5263CP	FORD (U.S.A.)	67
MB5265CP	KOMATSU	1
MB5266AM	KOMATSU	2
MB5267CP	KOMATSU	6
MB5268CP	MERCEDES BENZ	33
MB5269AM	AUDI	10
MB5269AM	AUDI	11
MB5269AM	AUDI	14
MB5269AM	VOLKSWAGEN	16
MB5269AM	VOLKSWAGEN	17
MB5269AM	VOLKSWAGEN	18
MB5269AM	VOLKSWAGEN	21
MB5269AM	VOLKSWAGEN	23
MB5269AM	VOLKSWAGEN	25
MB5269AM	VOLKSWAGEN	26
MB5269AM	VOLKSWAGEN	27
MB5269AM	VOLKSWAGEN	28
MB5270AM	JEEP	3
MB5270AM	CHRYSLER	16
MB5271SI	YAMAHA MARINE	3
MB5271SI	GENERAL MOTORS	63
MB5274SI	GENERAL MOTORS	76
MB5276CP	KHD	2
MB5278AM	FORD (U.S.A.)	19
MB5278AM	MAZDA	23
MB5278AM	FORD (U.S.A.)	24
MB5279AM	FORD (U.S.A.)	19
MB5279AM	FORD (U.S.A.)	24
MB5280HP	FORD	3
MB5280HP	FORD	10
MB5280SI	FORD (U.S.A.)	48
MB5280SI	FORD (U.S.A.)	56
MB5280XP	FORD	3
MB5280XP	FORD	10
MB5281SI	FORD (U.S.A.)	45
MB5281SI	FORD (U.S.A.)	46
MB5281SI	FORD (U.S.A.)	49
MB5283HP	FORD	5
MB5283HP	FORD	7
MB5283XP	FORD	5
MB5283XP	FORD	7
MB5284SI	JEEP	15
MB5284SI	MITSUBISHI	29
MB5284SI	CHRYSLER	37
MB5285AM	SUZUKI	10
MB5285AM	GENERAL MOTORS	17
MB5286CP	LEXUS	4
MB5286CP	TOYOTA	58

Set No.	Make	Line
MB5287AM	GENERAL MOTORS	9
MB5287AM	TOYOTA	18
MB5288AM	RENAULT	22
MB5288AM	RENAULT	23
MB5290CP	MERCEDES BENZ	31
MB5291CP	MERCEDES BENZ	33
MB5292AM	NISSAN	9
MB5292AM	NISSAN	14
MB5293SI	ISUZU	30
MB5293SI	ISUZU	32
MB5293SI	GENERAL MOTORS	64
MB5295AM	ISUZU	16
MB5296AM	ISUZU	18
MB5298SI	JOHN DEERE	13
MB5300AM	ISUZU	25
MB5303CP	KHD	3
MB5304AM	KIA	2
MB5304AM	KIA	3
MB5304AM	MAZDA	4
MB5304AM	MAZDA	10
MB5304XP	MAZDA	2
MB5305AM	NISSAN	9
MB5305AM	NISSAN	14
MB5306AM	NISSAN	1
MB5307AM	ROVER	7
MB5309AM	ISUZU	28
MB5310CP	ISUZU	29
MB5311CP	MAZDA	28
MB5312AM	MAZDA	25
MB5313SI	YAMAHA MARINE	1
MB5313SI	AMERICAN MOTORS	6
MB5313SI	JEEP	6
MB5313SI	GENERAL MOTORS	27
MB5313SI	GENERAL MOTORS	28
MB5314AM	MITSUBISHI	11
MB5315AM	KIA	10
MB5315AM	HYUNDAI	11
MB5315AM	MITSUBISHI	13
MB5315AM	CHRYSLER	14
MB5315AM	MITSUBISHI	14
MB5315AM	MITSUBISHI	15
MB5315XP	KIA PERFORMANCE	1
MB5315XP	HYUNDAI	2
MB5315XP	MITSUBISHI	3
MB5315XP	CHRYSLER	5
MB5315XP	MITSUBISHI	6
MB5316CP	NISSAN	45
MB5323AM	LEYLAND	17
MB5325CP	NISSAN	22
MB5326CP	MERCEDES BENZ	31
MB5327AM	MERCEDES BENZ	3
MB5328AM	MERCEDES BENZ	37
MB5329CP	MERCEDES BENZ	34
MB5330XA	MERCEDES BENZ	5
MB5331CP	MERCEDES BENZ	36
MB5332CP	KIA	9
MB5332CP	MAZDA	21
MB5334AM	B.M.W	9
MB5335AM	LAND ROVER	2
MB5336CP	B.M.W	8
MB5337SI	AUDI	16
MB5337SI	VOLKSWAGEN	24
MB5337SI	VOLKSWAGEN	30
MB5337SI	VOLKSWAGEN	31
MB5337SI	VOLKSWAGEN	32
MB5338AM	KIA	11
MB5341AM	HYUNDAI	2
MB5342AM	HYUNDAI	3
MB5344AM	KIA	11
MB5349AM	RENAULT	6
MB5349AM	RENAULT	7
MB5350AM	RENAULT	13
MB5351AM	RENAULT	17
MB5352AM	RENAULT	12
MB5352AM	RENAULT	14
MB5353HP	FORD	4
MB5353HP	FORD	6

Set No.	Make	Line
MB5353SI	FORD (U.S.A.)	44
MB5353XP	FORD	4
MB5353XP	FORD	6
MB5355CP	CATERPILLAR	1
MB5355SI	CATERPILLAR 1	3
MB5356CP	CATERPILLAR	1
MB5356SI	CATERPILLAR 1	5
MB5359AM	KIA	5
MB5359AM	KIA	6
MB5360CP	CATERPILLAR	3
MB5360SI	CATERPILLAR 1	8
MB5360SI	CATERPILLAR 1	9
MB5361SI	CATERPILLAR 1	9
MB5363SI	GENERAL MOTORS	66
MB5367SI	GENERAL MOTORS	25
MB5368AM	I.H.C.	3
MB5368AM	INTERNATIONAL	3
MB5368AM	I.H.C.	4
MB5370AM	FORD EUROPE	14
MB5372CP	MITSUBISHI	21
MB5373AM	NISSAN	8
MB5373AM	NISSAN	11
MB5375AM	TOYOTA	19
MB5376AM	LAND ROVER	3
MB5381HP	HOLDEN	1
MB5382AM	SUBARU	7
MB5382AM	SUBARU	8
MB5382XP	SUBARU	1
MB5387CP	FIAT IVECO	15
MB5391AM	AUDI	4
MB5391AM	SKODA	4
MB5391AM	AUDI	5
MB5391AM	SEAT	7
MB5391AM	VOLKSWAGEN	11
MB5394AM	SCION	1
MB5394AM	TOYOTA	6
MB5399SI	VOLVO	4
MB5399SI	MAZDA	5
MB5399SI	PEUGEOT	10
MB5399SI	CITROEN	11
MB5399SI	FORD EUROPE	11
MB5399SI	CITROEN	12
MB5399SI	PEUGEOT	14
MB5400SI	CATERPILLAR 1	1
MB5403AM	CHRYSLER	13
MB5403AM	MITSUBISHI	15
MB5405AM	MITSUBISHI	16
MB5406SI	LANCIA	1
MB5406SI	FIAT	7
MB5411AM	FORD EUROPE	27
MB5412SI	SUZUKI	9
MB5412SI	LANCIA	13
MB5412SI	FIAT	19
MB5413SI	OPEL	19
MB5413SI	GENERAL MOTORS	24
MB5414SI	LANCIA	2
MB5414SI	OPEL	4
MB5414SI	SUZUKI	5
MB5414SI	FIAT	6
MB5414SI	VAUXHALL	6
MB5422AM	OPEL	3
MB5423SI	TOYOTA	41
MB5424AM	GENERAL MOTORS	54
MB5427SI	HONDA	9
MB5428CP	HONDA	15
MB5429SI	NISSAN	26
MB5434SI	FORD (U.S.A.)	44
MB5436SI	ALFA ROMEO	7
MB5439AM	FIAT	15
MB5442SI	FORD (U.S.A.)	8
MB5442SI	MAZDA	17
MB5442SI	FORD (U.S.A.)	18
MB5442SI	MAZDA	22
MB5445SI	FIAT IVECO	1
MB5447AM	FIAT	5
MB5480AM	FORD EUROPE	38

Set No.	Make	Line
MB5501AM	SUZUKI	3
MB5502AM	GENERAL MOTORS	23
MB5503AM	FORD (U.S.A.)	58
MB5503XP	FORD	11
MB5504SI	FORD (U.S.A.)	60
MB5504SI	FORD (U.S.A.)	62
MB5505SI	FORD (U.S.A.)	59
MB5505SI	FORD (U.S.A.)	63
MB5505XP	FORD	12
MB5505XP	FORD	13
MB5506AM	BEDFORD	12
MB5506AM	BEDFORD	14
MB5506AM	OPEL	20
MB5507AM	FORD (U.S.A.)	3
MB5508AM	PEUGEOT	2
MB5508AM	CITROEN	3
MB5508AM	TALBOT	3
MB5508AM	TALBOT	4
MB5508AM	CITROEN	6
MB5508AM	PEUGEOT	6
MB5508AM	CITROEN	8
MB5508AM	RENAULT	8
MB5508AM	CITROEN	9
MB5508AM	RENAULT	10
MB5509AM	PEUGEOT	5
MB5510AM	MAZDA	3
MB5511AM	GENERAL MOTORS	68
MB5513AM	FORD EUROPE	4
MB5513AM	FORD EUROPE	12
MB5513CP	FORD EUROPE	4
MB5513CP	FORD EUROPE	12
MB5514AM	GENERAL MOTORS	69
MB5515AM	FORD EUROPE	26
MB5516AM	JEEP	17
MB5516AM	GENERAL MOTORS	62
MB5517AM	GENERAL MOTORS	56
MB5518AM	INTERNATIONAL	5
MB5518AM	AMERICAN MOTORS	8
MB5518AM	AMERICAN MOTORS	9
MB5518AM	I.H.C.	9
MB5518AM	JEEP	18
MB5518AM	JEEP	21
MB5519AM	BEDFORD	4
MB5519AM	DAEWOO	5
MB5519AM	OPEL	5
MB5519AM	BEDFORD	6
MB5519AM	OPEL	8
MB5519AM	VAUXHALL	8
MB5519AM	VAUXHALL	9
MB5520AM	DAEWOO	6
MB5520AM	BEDFORD	7
MB5520AM	VAUXHALL	10
MB5520AM	OPEL	11
MB5520AM	GENERAL MOTORS	12
MB5520AM	OPEL	12
MB5520AM	VAUXHALL	12
MB5520AM	VAUXHALL	13
MB5520AM	OPEL	15
MB5520AM	GENERAL MOTORS	18
MB5520AM	OPEL	18
MB5521AM	CHRYSLER	20
MB5522CP	GENERAL MOTORS	55
MB5523AM	GENERAL MOTORS	32
MB5523AM	GENERAL MOTORS	68
MB5524AM	NISSAN	7
MB5525AM	FORD (U.S.A.)	2
MB5526AM	FORD (BRASIL)	1
MB5527AM	GENERAL MOTORS	4
MB5527AM	GENERAL MOTORS	5
MB5527AM	TOYOTA	7
MB5527AM	GENERAL MOTORS	8
MB5527AM	TOYOTA	9
MB5527AM	TOYOTA	10
MB5527AM	TOYOTA	11
MB5527AM	TOYOTA	12
MB5527AM	TOYOTA	14
MB5528AM	FORD (U.S.A.)	15

Set No.	Make	Line
MB5528AM	MAZDA	18
MB5528AM	MAZDA	20
MB5529AM	NISSAN	9
MB5529AM	NISSAN	15
MB5530AM	GENERAL MOTORS	11
MB5531SI	GENERAL MOTORS	16
MB5532SI	YAMAHA MARINE	1
MB5532SI	AMERICAN MOTORS	6
MB5532SI	JEEP	6
MB5532SI	GENERAL MOTORS	27
MB5532SI	GENERAL MOTORS	28
MB5532XP	NISSAN	1
MB5533SI	GENERAL MOTORS	26
MB5534SI	JEEP	16
MB5534SI	CHRYSLER	39
MB5537AM	FORD (U.S.A.)	1
MB5537AM	KIA	3
MB5537AM	KIA	4
MB5537AM	MAZDA	4
MB5537AM	FORD (U.S.A.)	6
MB5537AM	MAZDA	7
MB5537AM	MAZDA	10
MB5538CP	LAND ROVER	5
MB5538CP	LAND ROVER	8
MB5538CP	LEYLAND	9
MB5538CP	LAND ROVER	10
MB5539AM	HOLDEN	4
MB5539CP	HOLDEN	4
MB5540AM	ISUZU	1
MB5540AM	GENERAL MOTORS	3
MB5540AM	ISUZU	5
MB5544AM	JEEP	1
MB5544AM	R.V.I.	1
MB5544AM	RENAULT	18
MB5544AM	CITROEN	19
MB5544AM	RENAULT	20
MB5544AM	PEUGEOT	24
MB5544AM	RENAULT	24
MB5544AM	RENAULT	25
MB5544AM	PEUGEOT	28
MB5545AM	NISSAN	3
MB5546AM	LADA	2
MB5547AM	FORD (U.S.A.)	17
MB5547AM	FORD (U.S.A.)	20
MB5547AM	FORD (U.S.A.)	23
MB5548AM	SEAT	5
MB5549AM	SEAT	4
MB5549AM	LANCIA	5
MB5549AM	AUTO BIANCHI	6
MB5549AM	LANCIA	6
MB5549AM	LANCIA	8
MB5549AM	FIAT	9
MB5549AM	FIAT	16
MB5551AM	TALBOT	10
MB5551AM	FORD EUROPE	25
MB5551AM	PEUGEOT	29
MB5551AM	PEUGEOT	35
MB5552AM	ROVER	3
MB5552AM	AUSTIN	7
MB5552AM	M.G.	9
MB5553AM	SAAB	3
MB5554AM	TOYOTA	25
MB5554AM	TOYOTA	26
MB5554AM	TOYOTA	27
MB5554XP	TOYOTA	1
MB5556AM	GENERAL MOTORS	2
MB5556AM	DAEWOO	4
MB5556AM	SUZUKI	6
MB5557SI	ISUZU	10
MB5557SI	GENERAL MOTORS	15
MB5557SI	GENERAL MOTORS	19
MB5558SI	FORD (U.S.A.)	7
MB5558SI	FORD (U.S.A.)	9
MB5558SI	FORD EUROPE	18
MB5559AM	BEDFORD	9
MB5559AM	ISUZU	13
MB5560SI	JEEP	4

Set No.	Make	Line
MB5560SI	AMERICAN MOTORS	5
MB5560SI	CHRYSLER	17
MB5561AM	LEYLAND	5
MB5561AM	PERKINS	6
MB5561AM	AUSTIN	10
MB5563AM	TOYOTA	30
MB5564AM	TOYOTA	5
MB5566AM	AUDI	3
MB5566AM	AUDI	8
MB5566AM	AUDI	10
MB5566AM	AUDI	11
MB5566AM	VOLKSWAGEN	16
MB5566AM	VOLKSWAGEN	17
MB5566AM	VOLKSWAGEN	18
MB5566AM	AUDI	19
MB5566AM	VOLKSWAGEN	19
MB5566AM	VOLKSWAGEN	22
MB5566AM	VOLKSWAGEN	23
MB5566AM	VOLKSWAGEN	27
MB5566AM	VOLKSWAGEN	36
MB5567AM	TRIUMPH	7
MB5568AM	ACURA	1
MB5568AM	ACURA	2
MB5568AM	ACURA	7
MB5568AM	HONDA	10
MB5568AM	HONDA	13
MB5568AM	HONDA	17
MB5568AM	HONDA	19
MB5568AM	HONDA	20
MB5568XP	ACURA	1
MB5568XP	HONDA	5
MB5568XP	HONDA	8
MB5568XP	HONDA	11
MB5569AM	CITROEN	1
MB5569AM	PEUGEOT	1
MB5569AM	CITROEN	3
MB5569AM	TALBOT	3
MB5569AM	CITROEN	4
MB5569AM	TALBOT	4
MB5569AM	CITROEN	5
MB5569AM	PEUGEOT	6
MB5569AM	CITROEN	7
MB5569AM	PEUGEOT	7
MB5569AM	PEUGEOT	8
MB5569AM	RENAULT	8
MB5569AM	CITROEN	9
MB5569AM	PEUGEOT	9
MB5569AM	CITROEN	10
MB5570SI	YAMAHA MARINE	3
MB5570SI	ISUZU	31
MB5570SI	GENERAL MOTORS	63
MB5571CP	FIAT TRACTOR	2
MB5571CP	FIAT / ALLIS	3
MB5571CP	O.M.	3
MB5571CP	FIAT IVECO	9
MB5572AM	PERKINS	25
MB5572AM	PERKINS	26
MB5572AM	LEYLAND	27
MB5572AM	LEYLAND	28
MB5572AM	FORD EUROPE	46
MB5575AM	PERKINS	8
MB5575AM	PERKINS	17
MB5576AM	FORD EUROPE	8
MB5577AM	I.H.C.	1
MB5577AM	INTERNATIONAL	1
MB5578AM	B.M.W	2
MB5579AM	ISUZU	28
MB5579CP	ISUZU	28
MB5582CP	SCANIA	3
MB5583AM	DAIHATSU	11
MB5584AM	TOYOTA	45
MB5584AM	TOYOTA	48
MB5586AM	ISUZU	17
MB5586AM	HONDA	22
MB5587AM	GENERAL MOTORS	6
MB5587AM	SUZUKI	7

Set No.	Make	Line
MB5588AM	JOHN DEERE	6
MB5588AM	JOHN DEERE	12
MB5589AM	FORD EUROPE	28
MB5589AM	FORD EUROPE	29
MB5590SI	GENERAL MOTORS	22
MB5591AM	MERCEDES BENZ	11
MB5592AM	FORD (U.S.A.)	5
MB5592AM	FORD EUROPE	16
MB5594AM	ROVER	5
MB5594AM	LEYLAND	6
MB5594AM	AUSTIN	9
MB5594AM	M.G.	12
MB5594AM	M.G.	13
MB5595AM	NISSAN	24
MB5597AM	INTERNATIONAL	1
MB5597AM	INTERNATIONAL	4
MB5598CP	INTERNATIONAL	8
MB5598CP	I.H.C.	11
MB5599SI	INTERNATIONAL	6
MB5599SI	I.H.C.	10
MB5599SI	FORD (U.S.A.)	68
MB5600CP	FORD (U.S.A.)	68
MB5621SI	RENAULT	27
MB5621SI	RENAULT	28
MB5627AM	FIAT	5
MB5627AM	FIAT	11
MB5628AM	FIAT	5
MB5633CP	MWM	2
MB5633CP	VOLKSWAGEN	42
MB5636AM	FORD (U.S.A.)	5
MB5636AM	FORD EUROPE	16
MB5641SI	CHRYSLER	1
MB5641SI	HYUNDAI	5
MB5644CA	ALFA ROMEO	3
MB5644CA	SUZUKI	8
MB5644CA	LANCIA	12
MB5644SI	OPEL	13
MB5646SI	SCION	2
MB5646SI	TOYOTA	31
MB5648SI	OPEL	14
MB5648SI	RENAULT	21
MB5649CP	FIAT TRACTOR	4
MB5649CP	O.M.	4
MB5649CP	FIAT IVECO	12
MB5650HP	FORD	14
MB5650SI	FORD (U.S.A.)	69
MB5650XP	FORD	14
MB5652AM	LAND ROVER	17
MB5653SI	DAEWOO	3
MB5653SI	MITSUBISHI	9
MB5654CP	SAAB	4
MB5656SI	TOYOTA	20
MB5657SI	HYUNDAI	6
MB5658AM	DAEWOO	3
MB5659SI	JEEP	20
MB5659SI	CHRYSLER	47
MB5660SI	VOLKSWAGEN	1
MB5660SI	AUDI	2
MB5660SI	SKODA	2
MB5660SI	SEAT	3
MB5660SI	SKODA	5
MB5660SI	AUDI	6
MB5660SI	SEAT	8
MB5660SI	VOLKSWAGEN	13
MB5660SI	VOLKSWAGEN	14
MB5660SI	VOLKSWAGEN	15
MB5661SI	SKODA	3
MB5661SI	AUDI	4
MB5661SI	SKODA	6
MB5661SI	SKODA	7
MB5661SI	SKODA	8
MB5661SI	SEAT	10
MB5661SI	AUDI	11
MB5661SI	SEAT	11
MB5661SI	AUDI	13
MB5661SI	AUDI	15
MB5661SI	VOLKSWAGEN	17

Set No.	Make	Line
MB5661SI	AUDI	18
MB5661SI	VOLKSWAGEN	19
MB5661SI	AUDI	20
MB5661SI	VOLKSWAGEN	20
MB5661SI	VOLKSWAGEN	34
MB5661SI	VOLKSWAGEN	35
MB5662AM	B.M.W	5
MB5663SI	TOYOTA	1
MB5663SI	TOYOTA	4
MB5663SI	DAIHATSU	8
MB5663SI	DAIHATSU	9
MB5664AM	NISSAN	30
MB5666SI	MERCEDES BENZ	2
MB5667SI	MINI	1
MB5667SI	MINI	2
MB5671AM	PACKARD	1
MB5672XP	FORD	1
MB5673XP	HONDA	10
MB5674AM	PACKARD	1
MB7001AM	VOLVO	10
MB7001AM	VOLKSWAGEN	38
MB7002AM	LEYLAND	23
MB7002AM	PERKINS	24
MB7003CA	LEYLAND	23
MB7003CA	PERKINS	24
MB7004CP	VOLVO	26
MB7004CP	VOLVO	27
MB7004CP	VOLVO	28
MB7005CP	VOLVO	18
MB7005CP	VOLVO	19
MB7006CP	NISSAN	44
MB7007CP	FIAT / ALLIS	4
MB7007CP	O.M.	7
MB7007CP	FIAT TRACTOR	8
MB7007CP	FIAT IVECO	16
MB7008AM	NISSAN	25
MB7008AM	NISSAN	29
MB7008AM	NISSAN	37
MB7008XP	NISSAN	8
MB7009SI	CUMMINS	2
MB7009SI	CHRYSLER	41
MB7009SI	CHRYSLER	43
MB7010CP	LEYLAND	29
MB7011AM	FORD (BRASIL)	3
MB7012CP	LAND ROVER	14
MB7013CP	LAND ROVER	13
MB7015CP	FIAT / ALLIS	5
MB7021CP	MERCEDES BENZ	12
MB7022CP	VOLVO	1
MB7023AM	VOLVO	14
MB7028AM	TOYOTA	56
MB7029AM	TOYOTA	53
MB7029AM	TOYOTA	54
MB7029AM	TOYOTA	55
MB7031CP	CONTINENTAL	1
MB7032SI	JOHN DEERE	17
MB7032SI	JOHN DEERE	19
MB7032SI	JOHN DEERE	20
MB7033CP	M.A.N.	9
MB7033CP	MERCEDES BENZ	55
MB7034CP	DAF	1
MB7035CP	PEGASO	3
MB7036AM	PEGASO	4
MB7036CP	PEGASO	4
MB7037CP	M.A.N.	5
MB7038AM	NEW HOLLAND	2
MB7038AM	FORD (BRASIL)	3
MB7038AM	FORD (U.S.A.)	70
MB7038CP	FORD (BRASIL)	3
MB7039AM	B.M.W	6
MB7039AM	OPEL	22
MB7040AM	FORD EUROPE	41
MB7041CP	MERCEDES BENZ	40
MB7042CP	JOHN DEERE	17
MB7043CP	HYUNDAI	17
MB7043CP	MITSUBISHI	31
MB7045CP	O.M.	6

Set No.	Make	Line
MB7045CP	FIAT TRACTOR	7
MB7045CP	FIAT IVECO	14
MB7047CP	FIAT IVECO	24
MB7048CP	FIAT IVECO	19
MB7053CP	DAF	3
MB7054CP	DAF	3
MB7054CP	DAF	4
MB7055CP	DAF	4
MB7056CP	DAF	2
MB7057CP	HINO	5
MB7058AM	NISSAN	35
MB7058AM	NISSAN	36
MB7059CP	MERCEDES BENZ	40
MB7060CP	M.A.N.	2
MB7061CP	JAGUAR (BRITISH	2
MB7062CP	PEGASO	1
MB7062CP	PEGASO	2
MB7063AM	FORD (AUSTRALIA)	1
MB7064CP	HINO	14
MB7064CP	HINO	15
MB7065CP	HINO	7
MB7065CP	HINO	8
MB7065CP	HINO	9
MB7065CP	KIA	14
MB7067CP	NISSAN	46
MB7068CP	SCANIA	1
MB7069CP	HINO	10
MB7069CP	HINO	11
MB7070CP	HINO	2
MB7070CP	HINO	3
MB7070CP	HINO	4
MB7070CP	HINO	6
MB7071CP	HINO	12
MB7071CP	HINO	13
MB7072CP	KOMATSU	3
MB7073CP	KOMATSU	4
MB7074CP	KOMATSU	5
MB7075CP	KOMATSU	7
MB7076CP	MERCEDES BENZ	43
MB7077CP	MERCEDES BENZ	40
MB7078CP	VOLKSWAGEN/MAN	2
MB7079CP	KHD	14
MB7080CP	KHD	15
MB7081CP	KHD	6
MB7082CP	MERCEDES BENZ	40
MB7083CP	MERCEDES BENZ	43
MB7084AM	TOYOTA	44
MB7084XP	TOYOTA	2
MB7085CP	JOHN DEERE	5
MB7086CP	DAEWOO	8
MB7087CP	DAEWOO	9
MB7088CP	FIAT / ALLIS	7
MB7088CP	O.M.	9
MB7088CP	FIAT TRACTOR	10
MB7088CP	FIAT IVECO	20
MB7089AM	MERCEDES BENZ	19
MB7089AM	AUDI	24
MB7089AM	FORD EUROPE	33
MB7089AM	VOLKSWAGEN	43
MB7089XP	VOLKSWAGEN	1
MB7090CP	ISUZU	36
MB7090CP	ISUZU	37
MB7091CP	MITSUBISHI	32
MB7092AM	NISSAN	31
MB7092XP	NISSAN	5
MB7092XP	NISSAN	6
MB7095CP	MERCEDES BENZ	39
MB7096AM	MERCEDES BENZ	41
MB7097AM	MERCEDES BENZ	44
MB7098XA	MERCEDES BENZ	24
MB7099CP	MERCEDES BENZ	45
MB7100CP	B.M.W	11
MB7101AM	B.M.W	10
MB7103AM	CUMMINS	3
MB7104CP	ISUZU	38
MB7104CP	ISUZU	39
MB7107CP	CATERPILLAR	2

Set No.	Make	Line
MB7107SI	CATERPILLAR 1	10
MB7109CP	PERKINS	3
MB7110AM	INTERNATIONAL	4
MB7110AM	I.H.C.	6
MB7110AM	I.H.C.	7
MB7110AM	I.H.C.	8
MB7117CP	R.V.I.	11
MB7119SI	CUMMINS	2
MB7119SI	CHRYSLER	42
MB7119SI	CHRYSLER	44
MB7370AM	FORD EUROPE	42
MB7370AM	FORD EUROPE	43
MB7370CP	FORD EUROPE	42
MB7370CP	FORD EUROPE	43
MB7702CP	CATERPILLAR	6
MB7702CP	CATERPILLAR	8
MB7702SI	CATERPILLAR 1	11
MB7702SI	CATERPILLAR 1	12
MB7702SI	CATERPILLAR 1	14
MB7703AM	FORD (AUSTRALIA)	2
MB7704AM	HOLDEN	2
MB7705CP	MERCEDES BENZ	42
MB7706CP	LEYLAND	31
MB7707CP	LEYLAND	31
MB7708CP	LEYLAND	26
MB7709CP	VOLVO	22
MB7709CP	VOLVO	23
MB7709CP	VOLVO	24
MB7709CP	VOLVO	25
MB7710CP	VOLVO	20
MB7710CP	VOLVO	21
MB7712SI	MERCEDES BENZ	46
MB7713CP	ISUZU	35
MB7716CP	MERCEDES BENZ	16
MB7716CP	MERCEDES BENZ	17
MB7717CP	GARDNER	2
MB7718CP	GARDNER	3
MB7719SI	JEEP	13
MB7720AM	B.M.W	6
MB7721AM	MERCEDES BENZ	22
MB7721AM	MERCEDES BENZ	23
MB7721AM	MERCEDES BENZ	27
MB7721AM	MERCEDES BENZ	28
MB7722AM	JOHN DEERE	10
MB7723AM	CHRYSLER	36
MB7724AM	HOLDEN	1
MB7725AM	FORD (U.S.A.)	42
MB7725AM	FORD (U.S.A.)	51
MB7726AM	FORD (U.S.A.)	42
MB7726AM	FORD (U.S.A.)	51
MB7727AM	FORD (U.S.A.)	42
MB7727AM	FORD (U.S.A.)	51
MB7729AM	FORD (U.S.A.)	35
MB7730AM	FORD (U.S.A.)	35
MB7731CP	JAGUAR (BRITISH	3
MB7731CP	MERCEDES BENZ	29
MB7732AM	NISSAN	34
MB7733AM	PERKINS	22
MB7734AM	PERKINS	23
MB7735CP	MERCEDES BENZ	16
MB7736AM	HOLDEN	1
MB7737CP	CATERPILLAR	2
MB7737SI	CATERPILLAR 1	7
MB7738CP	CATERPILLAR	10
MB7738SI	CATERPILLAR 1	4
MB7739CP	CATERPILLAR	5
MB7739SI	CATERPILLAR 1	6
MB7742CP	FIAT / ALLIS	6
MB7742CP	O.M.	8
MB7742CP	FIAT TRACTOR	9
MB7742CP	FIAT IVECO	17
MB7742CP	FIAT IVECO	18
PB 102CP	I.H.C.	2
PB 102CP	I.H.C.	3
PB 102CP	I.H.C.	7
PB 104CP	LISTER	10
PB 104CP	LISTER	14

Set No.	Make	Line
PB 107CP	LEYLAND	25
PB 112CP	GARDNER	7
PB 112CP	LEYLAND	29
PB 122CP	FORD EUROPE	6
PB 122CP	FORD EUROPE	9
PB 122CP	FORD EUROPE	10
PB 123CP	TRIUMPH	5
PB 123CP	TRIUMPH	9
PB 124CP	HUMBER	1
PB 124CP	HUMBER	2
PB 124CP	BEDFORD	17
PB 125CP	BEDFORD	20
PB 127CP	TALBOT	10
PB 127CP	FORD EUROPE	38
PB 128CP	LAND ROVER	5
PB 128CP	ROVER	6
PB 128CP	ROVER	8
PB 154CP	MERCEDES BENZ	4
PB 155CP	VOLVO	10
PB 160CP	MERCEDES BENZ	21
PB 161CP	MERCEDES BENZ	21
PB 167CP	NEW HOLLAND	2
PB 168CP	FORD TRACTOR	3
PB 169CP	TRIUMPH	7
PB 170CP	GENERAL MOTORS	66
PB 201CP	LANCIA	3
PB 201CP	AUTO BIANCHI	4
PB 201CP	LANCIA	5
PB 201CP	LANCIA	6
PB 201CP	LANCIA	7
PB 201CP	LANCIA	8
PB 201CP	LANCIA	9
PB 201CP	LANCIA	11
PB 201CP	LANCIA	16
TW 103AM	SUNBEAM	1
TW 103AM	HUMBER	2
TW 104AM	AUTO BIANCHI	1
TW 104AM	SEAT	1
TW 104AM	TALBOT	1
TW 104AM	AUTO BIANCHI	2
TW 104AM	FIAT	2
TW 104AM	SEAT	2
TW 104AM	FIAT	3
TW 105AM	LADA	1
TW 105AM	LADA	2
TW 105AM	SEAT	4
TW 105AM	LANCIA	5
TW 105AM	AUTO BIANCHI	6
TW 105AM	LANCIA	6
TW 105AM	LANCIA	8
TW 105AM	FIAT	9
TW 105AM	FIAT	16
TW 106AM	FORD EUROPE	2
TW 106AM	FORD (U.S.A.)	3
TW 106AM	FORD (U.S.A.)	4
TW 106AM	FORD (U.S.A.)	5
TW 106AM	FORD EUROPE	6
TW 106AM	FORD EUROPE	9
TW 106AM	FORD EUROPE	10
TW 106AM	FORD EUROPE	16
TW 107AM	INTERNATIONAL	9
TW 109AM	TRIUMPH	2
TW 109AM	TRIUMPH	4
TW 109AM	TRIUMPH	5
TW 109AM	M.G.	8
TW 109AM	TRIUMPH	9
TW 110AM	HONDA	1
TW 110AM	ROVER	1
TW 110AM	HONDA	2
TW 110AM	HONDA	3
TW 110AM	TRIUMPH	3
TW 110AM	HONDA	4
TW 110AM	HONDA	5
TW 110AM	HONDA	6
TW 110AM	HONDA	7
TW 110AM	HONDA	8
TW 110AM	HONDA	12

Set No.	Make	Line
TW 110AM	HONDA	14
TW 110AM	HONDA	16
TW 110AM	FORD EUROPE	25
TW 113AM	LANCIA	3
TW 113AM	ALFA ROMEO	5
TW 113AM	SEAT	6
TW 113AM	LANCIA	7
TW 113AM	LANCIA	9
TW 113AM	SEAT	9
TW 113AM	FIAT	10
TW 113AM	LANCIA	10
TW 113AM	LANCIA	11
TW 113AM	FIAT	14
TW 113AM	LANCIA	14
TW 113AM	LANCIA	15
TW 113AM	LANCIA	16
TW 113AM	FIAT	17
TW 113AM	LANCIA	17
TW 113AM	LANCIA	18
TW 113AM	FIAT	20
TW 113AM	FIAT	22
TW 113AM	FIAT	23
TW 113AM	FIAT	24
TW 113AM	FIAT	25
TW 113AM	FIAT	26
TW 113AM	FIAT	27
TW 115AM	TALBOT	7
TW 117AM	SAAB	2
TW 117AM	TRIUMPH	6
TW 117AM	TRIUMPH	10
TW 118AM	ISUZU	9
TW 118AM	ISUZU	13
TW 118AM	GENERAL MOTORS	14
TW 118AM	ISUZU	15
TW 118AM	ISUZU	17
TW 118AM	HONDA	22
TW 119AM	PEUGEOT	3
TW 119AM	PEUGEOT	5
TW 120AM	RENAULT	2
TW 120AM	RENAULT	3
TW 120AM	RENAULT	5
TW 120AM	RENAULT	9
TW 121AM	VOLVO	2
TW 121AM	RENAULT	3
TW 121AM	VOLVO	3
TW 121AM	RENAULT	4
TW 121AM	RENAULT	5
TW 121AM	RENAULT	9
TW 121AM	RENAULT	11
TW 121AM	RENAULT	15
TW 122AM	FORD EUROPE	4
TW 122AM	FORD EUROPE	12
TW 123AM	CITROEN	2
TW 123AM	TALBOT	2
TW 123AM	PEUGEOT	4
TW 123AM	TALBOT	5
TW 126AM	BEDFORD	5
TW 126AM	BEDFORD	9
TW 126AM	BEDFORD	13
TW 130AM	CATERPILLAR 1	11
TW 130AM	CATERPILLAR 1	12
TW 130AM	CATERPILLAR 1	13
TW 130AM	CATERPILLAR 1	14
TW 132AM	CITROEN	1
TW 132AM	PEUGEOT	1
TW 132AM	PEUGEOT	2
TW 132AM	CITROEN	3
TW 132AM	TALBOT	3
TW 132AM	CITROEN	4
TW 132AM	TALBOT	4
TW 132AM	CITROEN	5
TW 132AM	CITROEN	6
TW 132AM	PEUGEOT	6
TW 132AM	CITROEN	7
TW 132AM	PEUGEOT	7
TW 132AM	CITROEN	8
TW 132AM	PEUGEOT	8

Set No.	Make	Line
TW 132AM	RENAULT	8
TW 132AM	CITROEN	9
TW 132AM	PEUGEOT	9
TW 132AM	CITROEN	10
TW 132AM	RENAULT	10
TW 132AM	PEUGEOT	12
TW 132AM	CITROEN	14
TW 132AM	PEUGEOT	16
TW 133AM	FORD (U.S.A.)	1
TW 133AM	KIA	2
TW 133AM	MAZDA	2
TW 133AM	KIA	4
TW 133AM	MAZDA	4
TW 133AM	FORD (U.S.A.)	6
TW 133AM	MAZDA	7
TW 133AM	MAZDA	10
TW 134AM	GENERAL MOTORS	1
TW 134AM	GENERAL MOTORS	2
TW 134AM	SUZUKI	4
TW 134AM	SUZUKI	6
TW 135AM	RENAULT	18
TW 135AM	RENAULT	19
TW 135AM	RENAULT	20
TW 135AM	PEUGEOT	24
TW 135AM	RENAULT	24
TW 135AM	RENAULT	25
TW 135AM	PEUGEOT	28
TW 139AM	INFINITI	1
TW 139AM	NISSAN	2
TW 139AM	NISSAN	3
TW 139AM	NISSAN	19
TW 140AM	ACURA	1
TW 140AM	ACURA	1
TW 140AM	HONDA	1
TW 140AM	ACURA	2
TW 140AM	ACURA	2
TW 140AM	HONDA	2
TW 140AM	ACURA	3
TW 140AM	ACURA	3
TW 140AM	HONDA	3
TW 140AM	ACURA	4
TW 140AM	ACURA	4
TW 140AM	ACURA	5
TW 140AM	ACURA	5
TW 140AM	HONDA	5
TW 140AM	HONDA	6
TW 140AM	ACURA	7
TW 140AM	HONDA	7
TW 140AM	ACURA	8
TW 140AM	HONDA	8
TW 140AM	ACURA	9
TW 140AM	HONDA	9
TW 140AM	HONDA	10
TW 140AM	HONDA	10
TW 140AM	HONDA	11
TW 140AM	HONDA	11
TW 140AM	HONDA	12
TW 140AM	HONDA	13
TW 140AM	HONDA	17
TW 140AM	HONDA	18
TW 140AM	HONDA	19
TW 140AM	HONDA	20
TW 141AM	ISUZU	1
TW 141AM	GENERAL MOTORS	3
TW 141AM	ISUZU	5
TW 142AM	ISUZU	2
TW 142AM	ISUZU	6
TW 142AM	ISUZU	7
TW 142AM	ISUZU	8
TW 142AM	OPEL	9
TW 142AM	GENERAL MOTORS	10
TW 143AM	NISSAN	10
TW 143AM	NISSAN	11
TW 144AM	GENERAL MOTORS	6
TW 144AM	SUZUKI	7
TW 145AM	DAIHATSU	10
TW 146AM	ISUZU	14

Set No.	Make	Line
TW 146AM	ISUZU	18
TW 147AM	DAIHATSU	4
TW 147AM	DAIHATSU	6
TW 148AM	DAIHATSU	5
TW 148AM	DAIHATSU	7
TW 149AM	DAIHATSU	1
TW 150AM	DAIHATSU	2
TW 151AM	ACURA	10
TW 151AM	ACURA	11
TW 152AM	ACURA	6
TW 152AM	HONDA	21
TW 154AM	ISUZU	3
TW 154AM	ISUZU	4
TW 156AM	FORD (U.S.A.)	11
TW 156AM	MAZDA	15
TW 157AM	MINISUBISHI	6
TW 158AM	MINISUBISHI	25
TW 159AM	NISSAN	3
TW 160AM	SUZUKI	2
TW 160AM	SUZUKI	3
TW 161AM	SUZUKI	1
TW 162AM	RENAULT	16
TW 162AM	RENAULT	22
TW 163AM	ISUZU	12
TW 163AM	ISUZU	16
TW 163AM	GENERAL MOTORS	21
TW 164AM	FIAT	8
TW 166AM	RENAULT	12
TW 166AM	RENAULT	13
TW 166AM	RENAULT	14
TW 167AM	JEEP	10
TW 167AM	JEEP	15
TW 167AM	MINISUBISHI	24
TW 167AM	MINISUBISHI	29
TW 167AM	CHRYSLER	33
TW 167AM	CHRYSLER	37
TW 168AM	SUZUKI	10
TW 168AM	SUZUKI	11
TW 168AM	GENERAL MOTORS	17
TW 170AM	CHRYSLER	27
TW 170AM	CHRYSLER	30
TW 171AM	ACURA	13
TW 171AM	ISUZU	23
TW 171AM	HONDA	24
TW 172AM	FORD EUROPE	3
TW 172AM	FORD EUROPE	5
TW 172AM	FORD EUROPE	8
TW 173AM	KIA PERFORMANCE	1
TW 173AM	HYUNDAI	2
TW 173AM	MINISUBISHI	3
TW 173AM	CHRYSLER	5
TW 173AM	MINISUBISHI	6
TW 173AM	KIA	10
TW 173AM	HYUNDAI	11
TW 173AM	MINISUBISHI	13
TW 173AM	CHRYSLER	14
TW 173AM	MINISUBISHI	15
TW 174AM	MINISUBISHI	16
TW 179AM	VOLVO	4
TW 179AM	MAZDA	5
TW 179AM	PEUGEOT	10
TW 179AM	CITROEN	11
TW 179AM	FORD EUROPE	11
TW 179AM	CITROEN	12
TW 179AM	PEUGEOT	14
TW 182AM	ISUZU	3
TW 182AM	ISUZU	4
TW 185AM	SCION	1
TW 185AM	TOYOTA	6
TW 185AM	GENERAL MOTORS	9
TW 185AM	TOYOTA	18
TW 185AM	TOYOTA	19
TW 186AM	LAND ROVER	5
TW 186AM	LAND ROVER	6
TW 186AM	ROVER	6
TW 186AM	LAND ROVER	7
TW 186AM	ROVER	8

Set No.	Make	Line
TW 186AM	LAND ROVER	9
TW 186AM	LEYLAND	9
TW 186AM	LAND ROVER	10
TW 186CP	Miscellaneous	1
TW 188AM	FIAT	12
TW 188AM	FIAT	18
TW 189AM	HONDA	9
TW 191AM	ALFA ROMEO	1
TW 191AM	ALFA ROMEO	2
TW 193AM	SCION	2
TW 193AM	TOYOTA	31
TW 197AM	LANCIA	1
TW 197AM	FIAT	7
TW 198AM	FIAT	5
TW 199AM	OPEL	14
TW 199AM	RENAULT	21
TW 204AM	NISSAN	4
TW 204AM	NISSAN	6
TW 204AM	NISSAN	10
TW 205AM	DAVID BROWN	1
TW 205AM	DAVID BROWN	2
TW 205AM	DAVID BROWN	3
TW 205AM	RELIANT	4
TW 205AM	FIAT	13
TW 205AM	LISTER	13
TW 205AM	FORD EUROPE	21
TW 205AM	FORD EUROPE	35
TW 206CP	AUSTIN	1
TW 206CP	M.G.	1
TW 206CP	WILLYS	2
TW 206CP	AUSTIN	3
TW 206CP	AUSTIN	4
TW 208AM	PERKINS	12
TW 208AM	PERKINS	13
TW 208AM	PERKINS	14
TW 208AM	VOLVO	16
TW 208AM	PERKINS	18
TW 208AM	PERKINS	19
TW 208AM	PERKINS	20
TW 208AM	PERKINS	21
TW 208AM	LEYLAND	22
TW 208AM	LEYLAND	23
TW 208AM	PERKINS	24
TW 209AM	TOYOTA	8
TW 210AM	TOYOTA	23
TW 210AM	TOYOTA	37
TW 210AM	TOYOTA	39
TW 212AM	PERKINS	9
TW 212AM	PEUGEOT	17
TW 212AM	CITROEN	18
TW 212AM	PEUGEOT	19
TW 212AM	FIAT	21
TW 212AM	LEYLAND	28
TW 214AM	LAND ROVER	3
TW 214AM	FORD EUROPE	7
TW 214AM	FORD (U.S.A.)	12
TW 214AM	FORD EUROPE	20
TW 215CP	M.G.	1
TW 215CP	M.G.	3
TW 215CP	AUSTIN	4
TW 215CP	AUSTIN	5
TW 215CP	M.G.	5
TW 215CP	M.G.	6
TW 216AM	LEYLAND	3
TW 216AM	LEYLAND	4
TW 216AM	ROVER	5
TW 216AM	LEYLAND	6
TW 216AM	AUSTIN	8
TW 216AM	AUSTIN	9
TW 216AM	M.G.	11
TW 216AM	M.G.	12
TW 216AM	M.G.	13
TW 217AM	LEYLAND	15
TW 217AM	LEYLAND	16
TW 217AM	LEYLAND	19
TW 217AM	LEYLAND	20
TW 219CP	BEDFORD	17

Set No.	Make	Line
TW 219CP	BEDFORD	18
TW 219CP	BEDFORD	19
TW 220AM	BEDFORD	17
TW 220AM	BEDFORD	18
TW 220AM	BEDFORD	19
TW 221AM	BEDFORD	20
TW 221AM	BEDFORD	21
TW 222AM	MAZDA	6
TW 222AM	MAZDA	9
TW 222AM	MAZDA	12
TW 222AM	FORD (U.S.A.)	14
TW 223AM	FORD (U.S.A.)	27
TW 223AM	FORD EUROPE	31
TW 223AM	FORD EUROPE	32
TW 225AM	TOYOTA	3
TW 225AM	TOYOTA	15
TW 226AM	TOYOTA	1
TW 226AM	TOYOTA	16
TW 226AM	TOYOTA	17
TW 226AM	TOYOTA	25
TW 226AM	TOYOTA	26
TW 226AM	TOYOTA	27
TW 226AM	TOYOTA	30
TW 227AM	MAZDA	3
TW 228AM	MAZDA	2
TW 230AM	TOYOTA	24
TW 230AM	TOYOTA	32
TW 231AM	GENERAL MOTORS	4
TW 231AM	GENERAL MOTORS	5
TW 231AM	TOYOTA	7
TW 231AM	GENERAL MOTORS	8
TW 231AM	TOYOTA	9
TW 231AM	TOYOTA	10
TW 231AM	TOYOTA	11
TW 231AM	TOYOTA	12
TW 231AM	TOYOTA	14
TW 232AM	FORD (U.S.A.)	37
TW 232AM	FORD EUROPE	37
TW 232AM	FORD EUROPE	38
TW 232AM	FORD EUROPE	41
TW 232AM	FORD EUROPE	42
TW 232AM	FORD EUROPE	43
TW 232AM	FORD (U.S.A.)	55
TW 232CP	FORD EUROPE	37
TW 232CP	FORD EUROPE	38
TW 232CP	FORD EUROPE	41
TW 232CP	FORD EUROPE	43
TW 233AM	AUSTIN	7
TW 233AM	M.G.	9
TW 234AM	TOYOTA	32
TW 234AM	TOYOTA	33
TW 235AM	FIAT TRACTOR	4
TW 235AM	O.M.	4
TW 235AM	FIAT / ALLIS	6
TW 235AM	O.M.	6
TW 235AM	FIAT TRACTOR	7
TW 235AM	FIAT IVECO	8
TW 235AM	O.M.	8
TW 235AM	FIAT TRACTOR	9
TW 235AM	FIAT IVECO	12
TW 235AM	FIAT IVECO	14
TW 235AM	FIAT IVECO	17
TW 235AM	FIAT IVECO	18
TW 237AM	FERGUSON	1
TW 237AM	HUMBER	1
TW 237AM	TRIUMPH	7
TW 238AM	ALFA ROMEO	4
TW 239AM	SCANIA	2
TW 239AM	SCANIA	3
TW 240CP	FIAT / ALLIS	7
TW 240CP	O.M.	9
TW 240CP	FIAT TRACTOR	10
TW 240CP	FIAT IVECO	20
TW 240CP	FIAT IVECO	21
TW 243AM	PERKINS	10
TW 244AM	TALBOT	11
TW 244AM	CITROEN	24

Set No.	Make	Line
TW 244AM	CITROEN	26
TW 244AM	PEUGEOT	33
TW 244AM	FIAT	34
TW 244AM	PEUGEOT	34
TW 245AM	PERKINS	8
TW 245AM	TALBOT	11
TW 245AM	CITROEN	23
TW 245AM	CITROEN	25
TW 245AM	PERKINS	25
TW 245AM	LEYLAND	27
TW 245AM	FIAT	30
TW 245AM	PEUGEOT	33
TW 246AM	TALBOT	8
TW 246AM	CITROEN	13
TW 246AM	CITROEN	15
TW 246AM	PEUGEOT	15
TW 246AM	CITROEN	16
TW 246AM	PEUGEOT	18
TW 246AM	CITROEN	20
TW 246AM	CITROEN	21
TW 246AM	PEUGEOT	21
TW 246AM	PEUGEOT	22
TW 246AM	PEUGEOT	23
TW 246AM	PEUGEOT	25
TW 246AM	PEUGEOT	27
TW 247AM	HYUNDAI	14
TW 247AM	MITSUBISHI	17
TW 247AM	CHRYSLER	18
TW 247AM	MITSUBISHI	22
TW 247AM	MITSUBISHI	23
TW 247AM	CHRYSLER	25
TW 247AM	CHRYSLER	26
TW 248AM	TOYOTA	5
TW 249AM	LEXUS	1
TW 249AM	LEXUS	2
TW 249AM	TOYOTA	36
TW 249AM	TOYOTA	40
TW 249AM	TOYOTA	47
TW 250AM	PEUGEOT	29
TW 250AM	PEUGEOT	35
TW 251AM	PEUGEOT	29
TW 251AM	PEUGEOT	35
TW 252AM	FIAT TRACTOR	1
TW 252AM	FIAT / ALLIS	2
TW 252AM	FIAT IVECO	16
TW 254AM	FIAT	1
TW 255AM	FIAT / ALLIS	1
TW 255AM	FIAT TRACTOR	3
TW 255AM	FIAT TRACTOR	5
TW 255AM	O.M.	5
TW 255AM	FIAT TRACTOR	6
TW 255AM	FIAT IVECO	7
TW 255AM	FIAT IVECO	10
TW 255AM	FIAT IVECO	13
TW 256AM	MAZDA	11
TW 256AM	FORD (U.S.A.)	22
TW 256AM	MAZDA	24
TW 256AM	MAZDA	29
TW 257AM	LEXUS	3
TW 257AM	TOYOTA	43
TW 257AM	TOYOTA	46
TW 260AM	PERKINS	11
TW 260AM	PERKINS	16
TW 261AM	TOYOTA	28
TW 261AM	TOYOTA	35
TW 261AM	TOYOTA	42
TW 262AM	ISUZU	22
TW 262AM	ISUZU	25
TW 263AM	ISUZU	25
TW 263AM	ISUZU	28
TW 263AM	ISUZU	35
TW 264AM	ISUZU	38
TW 264AM	ISUZU	39
TW 268AM	KIA	5
TW 268AM	FORD (U.S.A.)	13
TW 268AM	MAZDA	19
TW 269AM	MAZDA	25

Set No.	Make	Line
TW 271AM	INFINITI	3
TW 271AM	INFINITI	5
TW 271AM	NISSAN	9
TW 271AM	NISSAN	38
TW 271AM	NISSAN	42
TW 272AM	NISSAN	20
TW 272AM	NISSAN	21
TW 272AM	NISSAN	27
TW 272AM	NISSAN	28
TW 272AM	NISSAN	32
TW 272AM	NISSAN	33
TW 272AM	NISSAN	39
TW 272AM	NISSAN	40
TW 272AM	NISSAN	44
TW 272AM	NISSAN	44
TW 274AM	NISSAN	45
TW 274AM	NISSAN	46
TW 280AM	TOYOTA	2
TW 281AM	TOYOTA	45
TW 281AM	TOYOTA	48
TW 281AM	TOYOTA	50
TW 281AM	TOYOTA	51
TW 284AM	TOYOTA	2
TW 284AM	TOYOTA	44
TW 285AM	TOYOTA	34
TW 285AM	TOYOTA	38
TW 288AM	LEXUS	4
TW 288AM	TOYOTA	58
TW 290AM	TOYOTA	41
TW 293AM	ISUZU	21
TW 295AM	MITSUBISHI	33
TW 296AM	LANCIA	20
TW 296AM	FIAT	29
TW 297AM	RENAULT	31
TW 298CP	MWM-DITER	1
TW 299AM	MITSUBISHI	21
TW 301AM	MITSUBISHI	26
TW 301AM	MITSUBISHI	28
TW 302AM	MITSUBISHI	31
TW 303AM	MITSUBISHI	31
TW 304AM	MITSUBISHI	32
TW 305AM	MITSUBISHI	34
TW 306AM	MITSUBISHI	34
TW 307AM	MITSUBISHI	20
TW 308AM	ISUZU	29
TW 308AM	ISUZU	36
TW 308AM	ISUZU	37
TW 309AM	JOHN DEERE	2
TW 309AM	JOHN DEERE	13
TW 309AM	JOHN DEERE	14
TW 309AM	JOHN DEERE	17
TW 309AM	JOHN DEERE	19
TW 309AM	JOHN DEERE	20
TW 310AM	JOHN DEERE	21
TW1003AM	JEEP	20
TW1003AM	CHRYSLER	47
TW1004AM	AUDI	2
TW1004AM	SKODA	3
TW1004AM	SKODA	8
TW1004AM	VOLKSWAGEN	20
TW1005AM	ALFA ROMEO	3
TW1005AM	ALFA ROMEO	6
TW1005AM	SUZUKI	8
TW1005AM	SUZUKI	9
TW1005AM	LANCIA	12
TW1005AM	LANCIA	13
TW1005AM	OPEL	13
TW1005AM	FIAT	19
TW1005AM	LANCIA	21
TW1005AM	LANCIA	22
TW1005AM	FIAT	31
TW1006AM	RENAULT	28
TW1008AM	NISSAN	30
TW1009AM	LADA	1
TW1009AM	LADA	2
TW1009AM	SEAT	4
TW1009AM	LANCIA	5
TW1009AM	AUTO BIANCHI	6

Set No.	Make	Line
TW1009AM	LANCIA	6
TW1009AM	LANCIA	8
TW1009AM	FIAT	9
TW1009AM	FIAT	15
TW1009AM	FIAT	16
TW2001AM	SMART	1
TW2002AM	NISSAN	8
TW2002AM	NISSAN	11
TW2003AM	GARDNER	5
TW2003AM	GARDNER	6
TW2004AM	MERCEDES BENZ	11
TW2004AM	MERCEDES BENZ	25
TW2005AM	DAVID BROWN	1
TW2005AM	DAVID BROWN	3
TW2007AM	MERCEDES BENZ	3
TW2008AM	MERCEDES BENZ	5
TW2008AM	MERCEDES BENZ	6
TW2008AM	MERCEDES BENZ	7
TW2008AM	MERCEDES BENZ	8
TW2008AM	MERCEDES BENZ	20
TW2008AM	MERCEDES BENZ	21
TW2008AM	MERCEDES BENZ	22
TW2008AM	CHRYSLER	23
TW2008AM	MERCEDES BENZ	23
TW2008AM	MERCEDES BENZ	27
TW2008AM	MERCEDES BENZ	28
TW2009AM	AUDI	21
TW2009AM	AUDI	22
TW2009AM	AUDI	23
TW2009AM	VOLKSWAGEN	29
TW2009AM	VOLKSWAGEN	38
TW2009AM	VOLKSWAGEN	39
TW2010AM	AUDI	1
TW2010AM	VOLKSWAGEN	1
TW2010AM	SKODA	2
TW2010AM	VOLKSWAGEN	2
TW2010AM	AUDI	3
TW2010AM	SEAT	3
TW2010AM	VOLKSWAGEN	3
TW2010AM	VOLKSWAGEN	4
TW2010AM	SKODA	5
TW2010AM	VOLKSWAGEN	5
TW2010AM	AUDI	6
TW2010AM	SKODA	6
TW2010AM	VOLKSWAGEN	6
TW2010AM	SKODA	7
TW2010AM	AUDI	8
TW2010AM	SEAT	8
TW2010AM	SEAT	10
TW2010AM	SEAT	11
TW2010AM	VOLKSWAGEN	12
TW2010AM	VOLKSWAGEN	13
TW2010AM	VOLKSWAGEN	14
TW2010AM	VOLKSWAGEN	15
TW2010AM	AUDI	16
TW2010AM	VOLKSWAGEN	16
TW2010AM	VOLKSWAGEN	17
TW2010AM	AUDI	18
TW2010AM	VOLKSWAGEN	18
TW2010AM	VOLKSWAGEN	21
TW2010AM	VOLKSWAGEN	22
TW2010AM	VOLKSWAGEN	24
TW2010AM	VOLKSWAGEN	28
TW2010AM	VOLKSWAGEN	30
TW2010AM	VOLKSWAGEN	31
TW2010AM	VOLKSWAGEN	32
TW2010AM	VOLKSWAGEN	34
TW2010AM	VOLKSWAGEN	35
TW2010AM	VOLKSWAGEN	36
TW2011AM	JOHN DEERE	9
TW2012CP	DAF	3
TW2012CP	DAF	4
TW2013AM	CHRYSLER	19
TW2014AM	FORD EUROPE	29
TW2017AM	MWM	3

Set No.	Make	Line

Set No.	Make	Line

ACL to KING

ACL	KING NO
1T7172	TW 170AM
2T2952	TW2002AM
8B1442PO/S2 ~	CR 881SI
10B1442P	CR1039SI
10B1442POS2	CR1316SI
1B1442H	CR 868XPN
1B1442H~	CR 868HPN
1B1560	CR1274CP
1B1663H(8)	CR8028XP
1B1665HD(8)	CR8027XP
1B481H	CR 805XPN
1B481P	CR1240SI
1B527HD	CR 806XPND
1B527HD~	CR 806HPND
1B634H	CR 804XPN
1B634H~	CR 804HPN
1B634HD(8)	CR 855HP
1B663H	CR 807XPN
1B663H~	CR 807HPN
1B663H~	CR 807HPND
1B663HD	CR 807XPND
1B743H	CR 808XPN
1B743H~	CR 808HPN
1B743H~	CR 808HPND
1B743HD	CR 808XPND
1B745H	CR 803XPN
1B745H~	CR 803HPN
1B745HD(8)	CR 852HP
1B818H(8)	CR 874HP
1C1094S	CS 104BB
1M1563	MB1174CP
1M1564	MB1172CP
1M1565	MB1173CP
1T 113	TW 106AM
1T1183	TW 158AM
1T1192	TW 163AM
1T1219	TW 173AM
1T1824	TW 126AM
1T1842	TW 171AM
1T1853	TW 185AM
1T1867	TW 142AM
1T1869	TW 141AM
1T1934	TW 151AM
1T1937	TW 152AM
1T1952	TW 110AM
1T1957	TW 140AM
1T2407	TW 109AM
1T2628	TW1008AM
1T2692	TW 186AM
1T2964	TW 139AM
1T3286/1T1824	TW 118AM
1T611S	TW1003AM
1T7172	TW 259AM
1T7214	TW 167AM
1T8017	TW 145AM
1T8037	TW 143AM
1T8302	TW 156AM
1T8307	TW 168AM
1T8337	TW 134AM
1T8339	TW 144AM
1T8353	TW 133AM
1T8412	TW 193AM
2BS1445S	CS 231BB
2BS7006	CS 230BB
2C026	CS 228BB
2C1095	CS 328BB
2C1209	CS 230BB
2T 218	TW 214AM
2T1149	TW 247AM
2T1167	TW 228AM
2T1644	TW2010AM
2T1657	TW 223AM

ACL	KING NO
2T1689	TW 226AM
2T1695	TW 231AM
2T1703	TW 230AM
2T1705	TW 234AM
2T2134	TW 268AM
2T2203	TW 206CP
2T2204	TW 215CP
2T2252	TW 216AM
2T2633	TW 271AM
2T2952	TW 138AM
2T325S	TW 223AM
2T4162	TW 222AM
2T4302	TW 204AM
2T4403	TW 204AM
2T7062	TW 237AM
2T7962	TW 210AM
2T7987	TW 279AM
2T7989	TW 287AM
2T8062	TW 225AM
2T8063	TW 249AM
2T8092	TW 288AM
2T8103	TW 284AM
2T8242	TW 269AM
2T8334	TW 227AM
2T8352	TW 256AM
2T8377	TW 285AM
2T8379	TW 257AM
2T8382	TW 248AM
2T8392	TW 280AM
2T9304	TW 231AM
3B1266A	CR 346AM
3B1469P	CR 312AM
3B8010	CR 306AM
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4B1141	CR4436AM
4B1146	CR4481AM
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4B1151	CR4461AM
4B1156	CR4437AM
4B1171	CR4431AM
4B1175	CR 421AM
4B1185	CR4120AM
4B1185H	CR4120XP
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4B1680	CR4121AM
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4B1926	CR4257AM
4B1930	CR4258AM
4B1931	CR4259AM
4B1936	CR4033AM
4B1946	CR 439AM
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4B1951	CR4463AM
4B1955	CR4139AM
4B1956	CR4046AM
4B1956H	CR4046XP
4B1972H	CR4542XP
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4B2326	CR 421AM
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4B2956	CR4442AM
4B2960	CR4136AM
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4B2980	CR4429AM
4B2986	CR4430AM
4B3095	CR4022AM
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4B603	CR 410AM
4B610P	CR4494SI
4B745	CR4423AM
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4B8101	CR4448AM
4B8140	CR4096AM
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4B8291	CR4445AM
4B8296	CR4125CP
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4B8296H	CR4125XP
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4B8300	CR4105AM
4B8306	CR4262AM
4B8320	CR4280CP
4B8320H	CR4280XP
4B8331	CR4495AM
4B8336	CR4020AM
4B8340	CR4056AM
4B8341	CR4489AM
4B8351	CR4002AM
4B8351H	CR4002XP
4B8360	CR4018AM
4B8365	CR4135AM
4B8366	CR4209CP
4B8366H	CR4209XP
4B8370	CR4215AM
4B8371	CR4216AM
4B8375	CR4190AM
4B8376	CR4219AM
4B8380	CR4027AM
4B8390	CR4229AM
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4B9023	CR4003AM
4B9124	CR4099AM
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4B9410	CR4432AM
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4B9422	CR4002AM
4B9430	CR4032CP
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4B9515	CR4009AM
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4C1197	CS 426BB
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4C1351S	CS 435BB
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4C874	CS 401BB
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4M1822	MB 480SI
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4M1933	MB4057AM
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4M2006	MB4023SI
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4M2021P	MB4018SI
4M2022P	MB4017SI
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4M2299	MB4017AM
4M2309	MB4018AM
4M2407	MB 432AM
4M2633	MB4058AM
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4M3084	MB4275AM
4M517	MB 407AM
4M7122	MB 485AM
4M7172	MB4074AM
4M7172 ~	MB4074SI
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4M7262A	MB4056SI
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5B2290A	CR 525SI
5C1001S	CS5510BB
5C100S	CS5503BB
5C1030	CS 325BB
5C1088	CS 510BB

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5C1112	CS 527BB
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5C1199S	CS 536BB
5C1300	CS 535BB
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5C290	CS 507BB
5C292	CS 511BB
5C369S	CS 540BB
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5C510	CS 514BB
5C530	CS 537BB
5C559S	CS 539BB
5C615S	CS4404BB
5C616	CS 524BB
5C638	CS 509BB
5C671	CS 526BB
5C680	CS 508BB
5C710	CS 516BB
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5C781	CS 515BB
5C827	CS 330BB
5C875	CS 512BB
5C876	CS 533BB
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5M1036	MB5201AM
5M1038	MB 509SI
5M1038H	MB 509XP
5M1038H	MB5143XP
5M1038H~	MB 509HP
5M1039	MB5650SI
5M1039H	MB5650HP
5M1039P	MB5512SI
5M1041	MB5518AM
5M1050	MB5502AM
5M1051	MB 510SI
5M1084P	MB 545AM
5M1102	MB 551AM
5M1112	MB 511AM
5M1117	MB 582AM
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5M1134	MB5647AM
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5M1147 ~	MB 591AM
5M1153	MB 524AM
5M1167	MB 578AM
5M1172	MB5231AM
5M1176	MB5233AM
5M1186	MB5209AM
5M1186H	MB5209XP
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5M1204	MB5256AM
5M1219	MB5315AM
5M1219H	MB5315XP
5M1227	MB5405AM
5M1228	MB5403AM
5M1266	MB 517SI
5M1342	MB 526AM
5M1344	MB5534SI
5M1369	MB5159AM
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5M1415	MB5517AM
5M1424	MB 592AM
5M1432	MB5505AM
5M1432	MB5505CP
5M1432A	MB5505SI
5M1432H	MB5505XP

ACL	KING NO
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5M1455	MB5507AM
5M1457	MB5516AM
5M1482	MB5518AM
5M1487	MB 544AM
5M1524	MB5530AM
5M1533	MB5521AM
5M1538H	MB5578XP
5M1549	MB5520AM
5M1557	MB5525AM
5M1563P	MB5257SI
5M1567	MB5531SI
5M1568	MB5560SI
5M1596	MB5599SI
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5M1627	MB 572AM
5M1629	MB5547AM
5M1633	MB5292AM
5M1634	MB5232AM
5M1643P	MB5533SI
5M1644	MB5566AM
5M1645	MB5070AM
5M1666P	MB5196SI
5M1689	MB 552AM
5M1695	MB5527AM
5M1697	MB 547AM
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5M1704	MB 535AM
5M1705	MB 506AM
5M1706	MB5558SI
5M1727	MB5144AM
5M1728	MB5145AM
5M1733	MB5532SI
5M1737	MB5237AM
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5M1743	MB5278AM
5M1744	MB5183AM
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5M1748	MB5332CP
5M1777	MB5057AM
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5M1824	MB5586AM
5M1837	MB5310CP
5M1853	MB5287AM
5M1857	MB5375AM
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5M1882	MB5559AM
5M1884	MB5579AM
5M1892	MB5295AM
5M1893	MB5296AM
5M1913H	MB5673XP
5M1932	MB5244AM
5M1937	MB5168AM
5M1947	MB5168AM
5M1948	MB5148SI
5M1952	MB5168AM
5M1957	MB5568AM
5M1957H	MB5568XP
5M1959	MB5259AM
5M1959H	MB5259XP
5M2007P ~	MB5353SI
5M2009P	MB5007SI
5M2028P	MB5052AM
5M2034P	MB5263CP
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5M2119	MB5204AM
5M2134	MB5158AM
5M2152+015	MB5120AM
5M2152H	MB 512XP
5M2167H	MB5672XP
5M2217	MB 589AM
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5M2232A	MB5413SI
5M2255	MB 520AM

ACL	KING NO
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5M2329	MB5179AM
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5M2357H	MB5381HP
5M2519	MB 536AM
5M2557	MB 575AM
5M2558AL	MB5567AM
5M2628A	MB5664AM
5M2734	MB 541AM
5M2742	MB 523AM
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5M2826	MB 562AM
5M2949A	MB5373AM
5M2952	MB5373AM
5M2964	MB5243AM
5M2964H	MB5243XP
5M2965	MB5029CP
5M2967	MB5229AM
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5M429	MB 554AM
5M4372P	MB5065AM
5M483G	MB5511AM
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5M5218P	MB5058AM
5M540	MB 558AM
5M540P	MB 558SI
5M590	MB 529CP
5M590A	MB 529SI
5M590H	MB 529XP
5M590H~	MB 529HP
5M590P	MB 529AM
5M685	MB 559AM
5M7124	MB5557SI
5M7141	MB5219SI
5M7146	MB5522CP
5M7164	MB5088SI
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5M742	MB 512AM
5M7899	MB 542AM
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5M8242	MB5312AM
5M8282	MB5563AM
5M8283	MB5059AM
5M829	MB 556SI
5M8297H	MB5220XP
5M829H	MB 556XP
5M829H~	MB 556HP
5M8302	MB5171AM
5M8307	MB5285AM
5M8309	MB5382AM
5M8309H	MB5382XP
5M8309H	MB5382XPG
5M8334	MB5510AM
5M8337	MB5556AM

ACL	KING NO
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5M8342	MB5501AM
5M8353	MB5304AM
5M8353H	MB5304XP
5M8354	MB5537AM
5M8361	MB5554AM
5M8361H	MB5554XP
5M8372	MB5085AM
5M8373	MB5086AM
5M8374	MB5060AM
5M8378	MB5089AM
5M8382	MB5564AM
5M8392	MB5095AM
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5M8511	MB5590SI
5M863	MB 559AM
5M876	MB 555AM
5M909	MB 557AM
5M909 ~	MB 557SI
5M909H	MB 557XP
5M909H~	MB 557HP
5M9144	MB5553AM
5M9301	MB 524AM
5M9305	MB5168AM
5M9309	MB5554AM
5M9312	MB 537AM
5M9350	MB5568AM
5M9444	MB5180AM
5M981	MB5504CP
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5M981P	MB5504AM
5M982	MB5186AM
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6B1170	CR 696AM
6B1171	CR6607AM
6B1180	CR6735AM
6B1214	CR6615AM
6B1227	CR6618SI
6B1228A	CR6616SI
6B1228PO/S2	CR6684AM
6B1238	CR 605AM
6B1238 ~	CR 605SI
6B1238PO/S2	CR6680SI
6B1283	CR6619AM
6B1283 ~	CR6619SI
6B1301	CR6608AM
6B1358	CR6625AM
6B1358A	CR6625SI
6B1358PO/S2	CR6683SI
6B1360	CR6717AM
6B1361	CR6719AM
6B1385	CR 691AM
6B1385	CR 691SI
6B1387	CR6636SI
6B1410A	CR6675AM
6B1410A	CR6810SI
6B1410P	CR6810SI
6B1443A	CR6664SI
6B1443PO/S2	CR6824SI
6B1470	CR6753AM
6B1486	CR6609AM
6B1490	CR6640AM
6B1490H	CR6640XP
6B1630	CR6627AM
6B1746	CR6713CP
6B1760	CR6714CP
6B1840	CR6685AM
6B1935	CR6738AM
6B2150	CR6653AM
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6B2281	CR6631CP
6B2290A	CR6833SI
6B2390	CR6676SI
6B2390H	CR6813HP
6B2406	CR 625AM
6B2630	CR6752AM

ACL	KING NO
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6B2741	CR6610AM
6B2930	CR6696AM
6B2955	CR6715AM
6B2960	CR6697SI
6B2960H	CR6697XP
6B2966	CR6698CP
6B2991	CR 697AM
6B4395A	CR6751SI
6B4500A	CR6712SI
6B4500P	CR6712AM
6B4500PO/S2	CR6807SI
6B5001	CR6836AM
6B583	CR 618AM
6B606	CR 614AM
6B610P	CR6614SI
6B663	CR 641SI
6B699	CR 640AM
6B699 ~	CR 640SI
6B7170	CR6780AM
6B7170 ~	CR6780SI
6B7170 O/S2	CR6781SI
6B7170 O/S2 ~	CR6781SI
6B7200A	CR6811SI
6B7200A	CR6822SI
6B7200AO/S2	CR6825SI
6B723	CR 642SI
6B745	CR 624AM
6B7971	CR6606AM
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6B8040	CR6634AM
6B8060	CR6641AM
6B8061	CR6669AM
6B8100	CR6754CP
6B8100H	CR6754XP
6B8146	CR6791AM
6B8350	CR6655AM
6B8381	CR6686AM
6B8396	CR6716AM
6B9501	CR6617AM
6B9503	CR6624AM
6B9517	CR6634AM
6B960	CR 648AM
6B960	CR 648SI
6M1605	MB 601AM
6M7296A	MB 621SI
6M9960	MB 631SX
7DM1304	MB 769AM
7M1164	MB 767AM
7M1165	MB 787AM
7M1172	MB7732AM
7M1172 ~	MB 768AM
7M1305	MB7026CP
7M1388	MB7029AM
7M1389	MB 785AM
7M1489	MB 770AM
7M1532H	MB7039XP
7M1747	MB7030CP
7M2092	MB7063AM
7M2193P	MB7725AM
7M2384	MB7736AM
7M2394	MB7008AM
7M2394	MB7058AM
7M2428H	MB7092XP
7M2742	MB 773AM
7M2953	MB7027AM
7M2965	MB7006CP
7M2992	MB 771CP
7M2996	MB 788CP
7M617	MB 752SI
7M704	MB 763SI
7M771	MB 762AM
7M7989	MB7049AM
7M8103	MB7084AM
7M8103H	MB7084XP
7M8397	MB7028AM

ACL	KING NO
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7M9502	MB 776AM
7M9505	MB 787AM
7M979	MB 760AM
7M979 ~	MB 760SI
8B1286P	CR 873CP
8B1327P	CR 829CP
8B1351	CR 819CP
8B1442	CR 868AM
8B1442A	CR 868SI
8B1442PO/S2	CR 881AM
8B1633P	CR 887CP
8B1808A	CR8032CP
8B2356	CR 820AM
8B2356H	CR8007HP
8B481	CR 805AM
8B481P	CR 805SI
8B481PO/S2	CR8013SI
8B527	CR 806CP
8B527P	CR 806AM
8B581P	CR 827CP
8B610P	CR 811SI
8B634	CR 804AM
8B634 ~	CR 804SI
8B634AO/S2	CR 871SI
8B663	CR 807AM
8B663 ~	CR 807SI
8B663AO/S2	CR 865SI
8B663PO/S2	CR 865AM
8B684	CR 817AM
8B7206A	CR8030SI
8B7206AO/S 2	CR8031SI
8B7210A	CR8002SI
8B7210A O/S2	CR8009SI
8B743	CR 808CP
8B743A	CR 808SI
8B743AO/S2	CR8015SI
8B743P	CR 808AM
8B745	CR 803AM
8B758	CR 815CP
8B760	CR 809AM
8B762P	CR 845AM
8B8091	CR 888CP
8B818	CR 816CP
8B818P	CR 816SI
8B819P	CR 859AM
8B831	CR 814AM
8B831 ~	CR 814SI
8B831P OD2	CR 872SI
8B927	CR 813CP
8B927P	CR 813SI
8B960	CR 818SI
8M9960	MB8000SX

CLEMEX to KING

CLEMEX	KING NO
CB 416PX6	CR 610AM
CB 461PX8	CR 810AM
CB 481PX8	CR 805AM
CB 527PX8	CR 806CP
CB 583PX4	CR4009AM
CB 583PX6	CR 618AM
CB 606PX6	CR 614AM
CB 610PX4	CR4494AM
CB 610PX6	CR6614AM
CB 610PX8	CR 811AM
CB 634PX8	CR 804AM
CB 634PX8 ~	CR 804SI
CB 663PX6	CR 641SI
CB 663PX8	CR 807AM
CB 663PX8 ~	CR 807SI
CB 699PX6	CR 640AM
CB 699PX6 ~	CR 640SI
CB 722PX4	CR 446AM
CB 743PX8	CR 808AM
CB 745PX4	CR4423AM
CB 745PX6	CR 624AM
CB 745PX8	CR 803AM
CB 760PX8	CR 809AM
CB 780PX4	CR 409AM
CB 818PX8	CR 816AM
CB 818PX8 ~	CR 816SI
CB 831PX8	CR 814AM
CB 831PX8 ~	CR 814SI
CB 927PX8	CR 813AM
CB 960PX4	CR4023SI
CB 960PX6	CR 648AM
CB 960PX8	CR 818AM
CB 966PX4	CR4431AM
CB 966PX6	CR6607AM
CB 967PX4	CR4424AM
CB 980PX4	CR4442AM
CB 984PX4	CR4476SI
CB1005PX4	CR4426AM
CB1017PX4	CR 411AM
CB1095PX4	CR4043CP
CB1099PX4	CR4434AM
CB1110PX4	CR4485AM
CB1120PX4	CR4481AM
CB1202PX4	CR4448AM
CB1214PX6	CR6615AM
CB1216PX4	CR4482AM
CB1218PX4	CR4129AM
CB1219PX6	CR6606AM
CB1222PX4	CR4462AM
CB1223PX4	CR4463AM
CB1228PX6	CR6616AM
CB1238PX6	CR 605AM
CB1238PX6 ~	CR 605SI
CB1250PX4	CR4461AM
CB1269PX4	CR 424AM
CB1283PX6	CR6619AM
CB1283PX6 ~	CR6619SI
CB1326PX4	CR 426AM
CB1361PX4	CR 429AM
CB1371PX4	CR4008AM
CB1383PX4	CR4010AM
CB1474PX4	CR4032AM
CB1589PX4	CR4065AM
CB4121P(4)	CR4150AM
CB4565P(4)	CR4256AM
CB6155P(6) ~	CR6751SI
CB7000PX4	CR4378SI
CBX 832P(4)	CR4179AM
MS 517P	MB 407AM
MS 518P	MB 409AM
MS 540P	MB 558AM
MS 590P	MB 529AM
MS 590P ~	MB 529SI
MS 616P	MB5532AM

CLEMEX	KING NO
MS 617P	MB 752AM
MS 685P	MB 559AM
MS 704P	MB 763AM
MS 771P	MB 762AM
MS 829P	MB 556SI
MS 863P	MB 559AM
MS 876P	MB 555AM
MS 909P	MB 557AM
MS 909P ~	MB 557SI
MS 960P	MB 443AM
MS 979P	MB 760AM
MS 979P ~	MB 760SI
MS 981P	MB5504AM
MS 981P ~	MB5504SI
MS1010P	MB5503AM
MS1038P	MB 509AM
MS1051P	MB 510AM
MS1055P	MB 347AM
MS1102P	MB 547AM
MS1117P	MB 582AM
MS1140P	MB 533AM
MS1157P	MB 507AM
MS1183P	MB 505AM
MS1298P	MB 540AM
MS1329P	MB3305AM
MS1381P	MB 588AM
MS1389P	MB 785AM
MS1419P	MB 438AM
MS1424P	MB 592AM
MS1427P	MB 572AM
MS1428P	MB 580AM
MS1429P	MB 429AM
MS1432P	MB5505AM
MS1432P ~	MB5505SI
MS1454P	MB 445AM
MS1454P ~	MB 445SI
MS1456P	MB 552AM
MS1494P	MB 427AM
MS1533P	MB5521AM
MS1545P	MB5519AM
MS1561P	MB 446AM
MS1568P	MB5560AM
MS1590P	MB 506AM
MS1626P	MB5184AM
MS1629P	MB5547AM
MS1638P	MB5527AM
MS1744P	MB5183AM
MS1749P	MB5557AM
MS1774P	MB 787AM
MS1803P ~	MB5225AM
MS1822P	MB 480AM
MS1946P	MB4060AM
MS1950P	MB5373AM
MS2007P ~	MB5353SI
MS3000P ~	MB4056SI
MS3001P	MB5008AM
MS5183P	MB5185AM
MS7000P	MB5641SI
MS7005P	MB 601AM
MS7006P	MB5373AM
MS7141P	MB5219AM
MS7296P ~	MB5280SI
MS7297P	MB 621AM
MS7297P ~	MB 621SI
MS7313P	MB5270AM
SH 383S	CS 434BB
SH 680S	CS 508BB
SH1031S	CS 415BB
SH1102S	CS 429BB
SH1209S	CS 230BB
TW 553S	TW 248AM

CLEMEX	KING NO

CLEVITE to KING

CLEVITE	KING NO
MS- 483P	MB5511AM
MS-1812P	MB4034AM
MS-1946	MB4082AM
TW- 551S	TW2002AM
TW- 606S	TW 170AM
~CB-1191P(4)	CR4003AM
77 325 600	CR6673XA
CB- 30M(1)	CR1218AM
CB- 30M(8)	CR 883AM
CB- 35AL(1)	CR1010AM
CB- 36AL(1)	CR 125AM
CB- 38AL(1)	CR1009AM
CB- 74M(1)	CR 182AM
CB- 90P(6)	CR 602AM
CB- 110M(1)	CR 179AM
CB- 139AL(4)	CR4478AM
CB- 200P(4)	CR4068AM
CB- 21M(6)	CR6787AM
CB- 236M(4)	CR 401AM
CB- 251AL(6)	CR 607AM
CB- 295(2)	CR1201AM
CB- 296P(1)	CR1286SI
CB- 296P(4)	CR 476SI
CB- 296P(6)	CR 662SI
CB- 315M(1)	CR1226AM
CB- 315M(8)	CR 884AM
CB- 336M(1)	CR1237AM
CB- 336M(6)	CR6736AM
CB- 362M(4)	CR4070AM
CB- 365P(6)	CR 609CP
CB- 406P(6)	CR 617AM
CB- 408M(8)	CR 842AM
CB- 416P(6)	CR 610AM
CB- 427P(6)	CR 612AM
CB- 461AL(8)	CR 810AM
CB- 472P~(4)	CR4383AM
CB- 474M(8)	CR 802AM
CB- 481AL(8)	CR 805AM
CB- 481P	CR 805SI
CB- 481P (10)	CR1317SI
CB- 482P(8)	CR 843AM
CB- 487AL(4)	CR 420AM
CB- 488AL(4)	CR 417AM
CB- 489AL(4)	CR 451AM
CB- 489AL(6)	CR 654AM
CB- 493AL(4)	CR 406AM
CB- 493AL(6)	CR 619AM
CB- 496(4)	CR4404AM
CB- 496AL(4)	CR 438AM
CB- 513A(1)	CR 194AM
CB- 513A(8)	CR 844AM
CB- 521A(8)	CR 826AM
CB- 527(8)	CR 806AM
CB- 527P(8)	CR 806CP
CB- 535P(4)	CR4069AM
CB- 555P(1)	CR 111CP
CB- 560AL(3)	CR 301AM
CB- 560AL(4)	CR 454AM
CB- 560AL(6)	CR 655AM
CB- 562AL(4)	CR 416AM
CB- 581AL(8)	CR 827CP
CB- 581P(8)	CR 827CP
CB- 583AL(4)	CR4009AM
CB- 583AL(6)	CR 618AM
CB- 599P(6)	CR 670CP
CB- 602AL(4)	CR 415AM
CB- 603AL(4)	CR 410AM
CB- 606AL(6)	CR 614AM
CB- 610P(4)	CR4494AM
CB- 610P(4)	CR4494SI
CB- 610P(6)	CR6614SI
CB- 610P(8)	CR 811SI
CB- 625P(1)	CR1283SI
CB- 625P(4)	CR 477SI

CLEVITE	KING NO
CB- 625P(6)	CR 675SI
CB- 633P(4)	CR4200AM
CB- 634P(8)	CR 804AM
CB- 634P(8) ~	CR 804SI
CB- 652AL(4)	CR 456AM
CB- 653AL(4)	CR4037AM
CB- 653P(4)	CR 453CP
CB- 654AL(4)	CR4001AM
CB- 660AL(4)	CR 419AM
CB- 660AL(6)	CR 615AM
CB- 663AL(6)	CR 641AM
CB- 663AL(6)	CR 641SI
CB- 663AL(8)	CR 807AM
CB- 663AL(8) ~	CR 807SI
CB- 667AL(4)	CR 464AM
CB- 667AL(6)	CR 673AM
CB- 668AL(6)	CR 630AM
CB- 669P(1)	CR 156SI
CB- 670AL(4)	CR 461AM
CB- 670AL(4) ~	CR 402AM
CB- 670B(6)	CR 606AM
CB- 674(8)	CR 879CP
CB- 674P(1)	CR 137CP
CB- 674P(6)	CR6694CP
CB- 676P(8)	CR 888CP
CB- 678AL(4)	CR4107AM
CB- 679AL(4)	CR4415AM
CB- 684AL(8)	CR 817AM
CB- 690P(4)	CR 441AM
CB- 690P(6)	CR 631AM
CB- 691P(6)	CR6623AM
CB- 696P(6)	CR 651CP
CB- 698AL(4)	CR 431AM
CB- 699AL(6)	CR 640AM
CB- 699AL(6) ~	CR 640SI
CB- 706AL(4)	CR 462AM
CB- 706AL(6)	CR 653AM
CB- 715AL(4)	CR 435AM
CB- 715AL(6)	CR 622AM
CB- 719AL(4)	CR 444AM
CB- 720AL(4)	CR 423AM
CB- 721AL(4)	CR 422AM
CB- 722AL(4)	CR 446AM
CB- 723AL(4)	CR 432SI
CB- 723AL(6)	CR 642SI
CB- 727AL(4)	CR 430AM
CB- 729AL(6)	CR 621AM
CB- 734AL(4)	CR4406AM
CB- 734AL(6)	CR6610AM
CB- 738AL(4)	CR 434AM
CB- 739P(6)	CR 620AM
CB- 740AL(4)	CR 403AM
CB- 741AL(4)	CR4410AM
CB- 742P(1)	CR1205CP
CB- 743P(8)	CR 808AM
CB- 743P(8) ~	CR 808SI
CB- 745AL(4)	CR4423AM
CB- 745AL(6)	CR 624AM
CB- 745AL(8)	CR 803AM
CB- 751AL(4)	CR 468AM
CB- 752AL(4)	CR 404AM
CB- 752AL(6)	CR 608AM
CB- 757AL(3)	CR 302AM
CB- 757AL(4)	CR4418AM
CB- 757AL(6)	CR 682AM
CB- 758(4)	CR4240CP
CB- 758P(8)	CR 815CP
CB- 759AL(1)	CR 189AM
CB- 759AL(3)	CR 314AM
CB- 759AL(4)	CR4057AM
CB- 759AL(6)	CR6643AM
CB- 760AL(8)	CR 809AM
CB- 762P(8)	CR 845AM
CB- 767AL(4)	CR4412AM

CLEVITE	KING NO
CB- 780AL(4)	CR 409AM
CB- 782AL(4)	CR 449AM
CB- 782AL(6)	CR 646AM
CB- 783AL(4)	CR4419AM
CB- 783AL(6)	CR6604AM
CB- 785B(4)	CR 425AM
CB- 790AL(4)	CR 414AM
CB- 792P(4)	CR4403AM
CB- 795P(6)	CR 666CP
CB- 799(4)	CR4036AM
CB- 806P(4)	CR4144CP
CB- 807P(8)	CR 830CP
CB- 808P(6)	CR6632CP
CB- 809AL(4)	CR4439AM
CB- 809P(6)	CR6609AM
CB- 811G(6)	CR6608AM
CB- 818P(8)	CR 816AM
CB- 818P(8) ~	CR 816SI
CB- 819P(8)	CR 859AM
CB- 831P(8)	CR 814AM
CB- 831P(8) ~	CR 814SI
CB- 833AL(4)	CR4432AM
CB- 835AL(4)	CR4413AM
CB- 836AL(4)	CR4132AM
CB- 837AL(4)	CR4411AM
CB- 837AL(6)	CR 643AM
CB- 838P(1)	CR1015AM
CB- 846AL(4)	CR 443AM
CB- 848AL(4)	CR 412AM
CB- 856AL(4)	CR4409AM
CB- 864P(4)	CR4401AM
CB- 868P(6)	CR6687CP
CB- 870P(6)	CR 657CP
CB- 904P(6)	CR 681CP
CB- 906P(6)	CR 676CP
CB- 907P(4)	CR 467CP
CB- 907P(6)	CR 674CP
CB- 914P(6)	CR6602CP
CB- 927P(8)	CR 813AM
CB- 931AL(4)	CR4441AM
CB- 933AL(4)	CR4473AM
CB- 935AL(6)	CR 679AM
CB- 937P(4)	CR4449AM
CB- 938AL(4)	CR4420AM
CB- 939AL(4)	CR 457AM
CB- 941P(4)	CR4225CP
CB- 943AL(4)	CR4440AM
CB- 945P(8)	CR 875CP
CB- 954P(6)	CR6622CP
CB- 960AL(4)	CR4023SI
CB- 960AL(6)	CR 648SI
CB- 960AL(8)	CR 818SI
CB- 965P(12)	CR1243CP
CB- 966AL(4)	CR4431AM
CB- 966AL(6)	CR6607AM
CB- 967AL(4)	CR4424AM
CB- 968AL(4)	CR4425AM
CB- 969AL(4)	CR4446AM
CB- 975P(4)	CR4428AM
CB- 978AL(4)	CR4430AM
CB- 980AL(4)	CR4442AM
CB- 981AL(4)	CR4443AM
CB- 982AL(4)	CR 448AM
CB- 982AL(6)	CR 625AM
CB- 984P(4)	CR4476SI
CB- 985AL(4)	CR4450AM
CB- 988AL(4)	CR 472AM
CB- 991AL(4)	CR4079AM
CB- 992AL(4)	CR4429AM
CB- 993AL(4)	CR4493AM
CB- 994P(8)	CR 898CP
CB-1005AL(4)	CR4426AM
CB-1006P(6)	CR6603CP
CB-1007AL(4)	CR4438AM

CLEVITE	KING NO
CB-1009AL(4)	CR4453AM
CB-1010AL(4)	CR4011AM
CB-1011P(4)	CR4433AM
CB-1015AL(4)	CR4465AM
CB-1017AL(4)	CR 411AM
CB-1017AL(5)	CR 501AM
CB-1026(4)	CR4060AM
CB-1026(5)	CR 503AM
CB-1027(6)	CR6670AM
CB-1027P(2)	CR 204AM
CB-1027P(4)	CR4094CP
CB-1030P(6)	CR6656CP
CB-1032P(1)	CR1222CP
CB-1033P(1)	CR1234CP
CB-1044AL(3)	CR 304AM
CB-1044AL(4)	CR4472AM
CB-1044P(1)	CR 196AM
CB-1044P(6)	CR 693AM
CB-1048P(4)	CR4492AM
CB-1049AL(8)	CR 812AM
CB-1052P(6)	CR6724CP
CB-1053P(1)	CR 133CP
CB-1072P/692P(6)	CR 652CP
CB-1078P(4)	CR4053AM
CB-1087G(4)	CR 433AM
CB-1091P(6)	CR 692AM
CB-1093AL(4)	CR 474SI
CB-1099AL(4)	CR4141SI
CB-1107AL(4)	CR4437AM
CB-1110AL(4)	CR4485AM
CB-1119AL(4)	CR4436AM
CB-1120AL(4)	CR4481AM
CB-1133AL(6)	CR 649AM
CB-1134P(4)	CR 473AM
CB-1135P(1)	CR1016AM
CB-1137AL(4)	CR4451AM
CB-1137AL(6)	CR6612AM
CB-1138AL(4)	CR4488AM
CB-1139AL(4)	CR4474AM
CB-1141P(6)	CR 658CP
CB-1142P(6)	CR 627CP
CB-1143A(4)	CR4272AM
CB-1144P(4)	CR4155AM
CB-1147AL(4)	CR4014AM
CB-1149P(4)	CR4073CP
CB-1155P(1)	CR1209CP
CB-1155P(3)	CR 326AM
CB-1155P(4)	CR 450AM
CB-1156AL(4)	CR4460AM
CB-1161AL(4)	CR4496AM
CB-1162(5)	CR 502AM
CB-1162/1426P(5)	CR 505AM
CB-1163P(4)	CR4083CP
CB-1166AL(4)	CR4015AM
CB-1168AL(4)	CR4016AM
CB-1172AL(4)	CR4147AM
CB-1174P(1)	CR1214CP
CB-1175AL(4)	CR 421AM
CB-1176P(6)	CR6689CP
CB-1177P(4)	CR4048CP
CB-1177P(6)	CR6630CP
CB-1178AL(6)	CR6617AM
CB-1178P(4)	CR 437AM
CB-1178P(5)	CR 502CP
CB-1178P(6)	CR6617CP
CB-1179P(6)	CR 659CP
CB-1182P(4)	CR 408AM
CB-1186AL(6)	CR6708AM
CB-1187P(1)	CR1213CP
CB-1190(4)	CR4421AM
CB-1191P(4)	CR4003CP
CB-1192P(6)	CR6691CP
CB-1193(3)	CR 322AM
CB-1193P(1)	CR1217AM
CB-1193P(4)	CR4076AM
CB-1193P(6)	CR6720AM
CB-1195P(6)	CR6633CP

CLEVITE	KING NO
CB-1198AL(4)	CR4499AM
CB-1199AL(4)	CR4498AM
CB-1202AL(4)	CR4448AM
CB-1209AL(6)	CR 685AM
CB-1214AL(6)	CR6615AM
CB-1216AL(4)	CR4482AM
CB-1217AL(4)	CR4445AM
CB-1218P(4)	CR4129AM
CB-1219AL(6)	CR6606AM
CB-1220AL(4)	CR4466AM
CB-1222AL(4)	CR4462AM
CB-1223AL(4)	CR4463AM
CB-1226P(1)	CR1284SI
CB-1226P(6)	CR6647SI
CB-1227AL(6)	CR6618SI
CB-1228P(6)	CR6616SI
CB-1230(8)	CR 828CP
CB-1231AL(1)	CR1256SI
CB-1237P(4)	CR4066CP
CB-1238AL(6)	CR 605AM
CB-1238AL(4) ~	CR 605SI
CB-1240P(4)	CR4137AM
CB-1248AL(2)	CR 201AM
CB-1250AL	CR4159AM
CB-1250AL(4)	CR4461AM
CB-1261P(4)	CR 442CP
CB-1262AL(6)	CR6646CP
CB-1262AL(8)	CR 831CP
CB-1266P(8)	CR8004CP
CB-1267P(1)	CR1228SI
CB-1269AL(4)	CR 424AM
CB-1269P(4)	CR 424CP
CB1270AL(4)	CR4447AM
CB-1270AL(4)	CR4085AM
CB-1276AL(4)	CR 436AM
CB-1278AL(4)	CR4497AM
CB-1279AL(4)	CR4495AM
CB-1280AL(6)	CR6605AM
CB-1283AL(6)	CR6619AM
CB-1283AL(6) ~	CR6619SI
CB-1286P(8)	CR 873CP
CB-1287AL(4)	CR 407AM
CB-1287AL(6)	CR6627AM
CB-1289AL(4)	CR4168AM
CB-1290AL(4)	CR4170AM
CB-1291AL(4)	CR4173AM
CB-1292AL(4)	CR4175AM
CB-1294AL(4)	CR4232AM
CB-1296P(1)	CR 183CP
CB-1297P(1)	CR1208CP
CB-1298P(6)	CR6749CP
CB-1299P(4)	CR4292CP
CB-1299P(6)	CR6671AM
CB-1300AL(4)	CR4071SI
CB-1300AL(5)	CR 506AM
CB-1302P(4)	CR4133AM
CB-1303P(6)	CR6690CP
CB-1304P(6)	CR6692CP
CB-1306AL(4)	CR4078AM
CB-1309AL(4)	CR4075AM
CB-1310AL(4)	CR4019AM
CB-1311AL(4)	CR4006AM
CB-1325(4)	CR4093AM
CB-1327(8)	CR 829CP
CB-1330AL(4)	CR4127AM
CB-1332AL(4)	CR4099AM
CB-1333AL(4)	CR4128AM
CB-1337P(6)	CR6721CP
CB-1340AL(4)	CR4140AM
CB-1342P(4)	CR4026CP
CB-1345AL(4)	CR4064AM
CB-1349AL(4)	CR4171AM
CB-1350AL(4)	CR4273AM
CB-1351P(8)	CR 819CP
CB-1352AL(4)	CR 413AM
CB-1353AL(4)	CR 439AM
CB-1353H	CR 439XP

CLEVITE	KING NO
CB-1357P(6)	CR6788CP
CB-1358AL(6)	CR6625AM
CB-1358AL(6)	CR6625SI
CB-1361AL(4)	CR 429AM
CB-1362AL(4)	CR 405AM
CB-1364P(4)	CR4186CP
CB1371(4) ~	CR4141SI
CB-1371AL(4)	CR4141SI
CB-1377P(4)	CR4141SI
CB-1380AL(4)	CR4021SI
CB-1383AL(4)	CR4010AM
CB-1385AL(6)	CR 691SI
CB-1387AL(6)	CR6636SI
CB-1388AL(4)	CR4059SI
CB-1393AL(4)	CR4004AM
CB-1401AL(3)	CR 307AM
CB-1401AL(4)	CR4020AM
CB-1403AL(4)	CR4215AM
CB-1405(3)	CR 306AM
CB-1406AL(4)	CR4018AM
CB-1407AL(4)	CR4028AM
CB-1408AL(4)	CR4017AM
CB-1408P(4)	CR4106AM
CB-1409P(1)	CR1285SI
CB-1409P(6)	CR6782SI
CB-1410P(6)	CR6675AM
CB-1411AL(6)	CR6629AM
CB-1413P(1)	CR1035SI
CB-1413P(3)	CR 318SI
CB-1413P(4)	CR4165SI
CB-1413P(6)	CR6699SI
CB-1414AL(1)	CR1207AM
CB-1415AL(1)	CR1206AM
CB-1416AL(1)	CR 180AM
CB-1420P(6)	CR 628CP
CB-1421AL(4)	CR4174AM
CB-1426P(4)	CR4104AM
CB-1432AL(4)	CR4268AM
CB-1437AL(6)	CR 696AM
CB-1438AL(4)	CR4216AM
CB-1439P(4)	CR4209CP
CB-1440P(6)	CR6718AM
CB-1442H	CR 868XPN
CB-1442H~	CR 868HPN
CB-1442P(1)	CR1241AM
CB-1442P(1) ~	CR1241SI
CB-1442P(10)	CR1039AM
CB-1442P(10) ~	CR1039SI
CB-1442P(8)	CR 868AM
CB-1442P(8) ~	CR 868SI
CB-1443AL(6)	CR6664SI
CB-1447AL(1)	CR 129AM
CB-1449P(4)	CR 445CP
CB-1451AL(4)	CR 418AM
CB-1452AL(4)	CR4489AM
CB-1453AL(4)	CR4002AM
CB-1455AL(4)	CR4096AM
CB-1456AL(4)	CR4033AM
CB-1457P(6)	CR6738AM
CB-1459P(4)	CR4139AM
CB-1461AL(4)	CR4046AM
CB-1462AL(6)	CR6624AM
CB-1463P(4)	CR4162CP
CB-1464AL(4)	CR4052AM
CB-1465(6)	CR 697CP
CB-1465P(6)	CR 697AM
CB-1469P(3)	CR 312AM
CB-1472AL(4)	CR4187AM
CB-1474AL(4)	CR4032CP
CB-1474AL(4)	CR4032SI
CB-1475AL(4)	CR4190AM
CB-1476AL(4)	CR4189AM
CB-1477AL(4)	CR4056AM
CB-1478(4)	CR4074AM
CB-1480AL(4)	CR4141SI
CB-1496AL(4)	CR4221AM
CB-1498P(6)	CR6674CP

CLEVITE	KING NO
CB-1505P(1)	CR 135CP
CB-1512M (U)	CR 863HP
CB-1521P(4)	CR4210AM
CB-1534P(6)	CR6688CP
CB-1539P(1)	CR1230CP
CB-1540P(1)	CR1232CP
CB-1544P/1339AL(4)	CR4082AM
CB-1545P(4)	CR4467CP
CB-1546AL(4)	CR4198AM
CB-1548AL(4)	CR4220AM
CB-1549AL(6)	CR 652AM
CB-1551P(6)	CR6734CP
CB-1554P(1)	CR1235CP
CB-1556P(1)	CR1233CP
CB-1561P(6)	CR6730CP
CB-1568P(6)	CR 660CP
CB-1588AL(4)	CR4049AM
CB-1589AL(4)	CR4065AM
CB-1589P(1)	CR1231CP
CB-1590P(4)	CR 426AM
CB-1591P(6)	CR6676SI
CB-1592/1653(6)	CR6655AM
CB-1593AL(4)	CR4027AM
CB-1594AL(6)	CR6634AM
CB-1597P(4)	CR4141SI
CB-1601(4)	CR4270AM
CB-1618P(4)	CR4239CP
CB-1618P(6)	CR6746CP
CB-1620P(6)	CR6790SI
CB-1623P(4)	CR4149AM
CB-1623P(4)	CR4149SI
CB-1625P(6)	CR6641AM
CB-1627P(8)	CR 888CP
CB-1628P(6)	CR6754CP
CB-1629P(4)	CR4136AM
CB-1633P(8)	CR 887CP
CB-1634P(8)	CR 881AM
CB-1634P(8) ~	CR 881SI
CB-1635P(4)	CR4195AM
CB-1635P(4) O/D 002 ~	CR4183AM
CB-1638P(6)	CR6679CP
CB-1639P(4)	CR4135AM
CB-1643P(4)	CR4120AM
CB-1647P(4)	CR4255SI
CB-1648P(8)	CR8003SI
CB-1652P(4)	CR4105AM
CB-1654P(4)	CR4141SI
CB-1655P(8)	CR 858CP
CB-1656AL(6)	CR6727AM
CB-1657AL(4)	CR4125CP
CB-1657AL(4)	CR4125SI
CB-1658AL(4)	CR4130AM
CB-1663H	CR8028XP
CB-1663H(4)	CR4392HP
CB-1665HD	CR8027XP
CB-1665HD(4)	CR4393XP
CB-1667P(6)	CR6712AM
CB-1667P(6) ~	CR6712SI
CB-1668P(4)	CR4256AM
CB-1669P(6)	CR6810SI
CB-1670P(6)	CR6780SI
CB-1722(6)	CR6751AM
CB-1722P(6) ~	CR6751SI
CB-1774P(4)	CR4150AM
CB-1774P(4)	CR4150SI
CB-1776P(8)	CR 865SI
CB-1777P(4)	CR4242AM
CB-1778A(8)	CR 871SI
CB-1779P(8)	CR8013SI
CB1780P	CR4033CA
CB-1781AL(4)	CR4219AM
CB-1782AL(4)	CR4119AM
CB-1783P(6)	CR6669AM
CB-1784P(8)	CR8002SI
CB-1785H	CR4287XP
CB-1786AL(4)	CR4121AM
CB-1787P(6)	CR6781SI

CLEVITE	KING NO
CB-1794A(6)	CR6683AM
CB-1794A(6)	CR6683SI
CB-1797A(6)	CR6680SI
CB-1799P(6)	CR6804SI
CB-1800P-10(6)	CR6684AM
CB-1802P(8)	CR8014SI
CB-1803A(8)	CR 872SI
CB-1804P(8)	CR8009SI
CB-1808P(8)	CR8032CP
CB-1811P	CR1330SI
CB-1811P(4)	CR4529SI
CB-1811P(5)	CR 525SI
CB-1811P(6)	CR6833SI
CB-1817P(4)	CR4271AM
CB-1818P(6)	CR6811SI
CB1819P	CR6825SI
CB-1824AL(6)	CR6764AM
CB-1825P(5)	CR 509AM
CB-1827AL(4)	CR4363SI
CB-1830P(6)	CR6685AM
CB-1832P	CR6735AM
CB-1833P(6)	CR6686AM
CB-1835AL	CR4514SI
CB-1838AL	CR4507SI
CB-1840AL	CR4515SI
CB-1842P(1)	CR1018XA
CB-1854A(8)	CR8030SI
CB-1855A(8)	CR8031SI
CB-1856HN	CR 867XPN
CB-1858AL	CR4533SI
CB-1863AL	CR4263SI
CB-1873AP	CR1305SI
CB-2356(8)	CR 820AM
CB-2380(6)	CR6649AM
CB-465/466AL(6)	CR 603AM
CB-481HN	CR 805XPN
CB-4990G(4)	CR4427AM
CB-527HD	CR 806XPND
CB-527HD~	CR 806HPND
CB-527HND	CR 806XPND
CB-527HND~	CR 806HPND
CB-634H	CR 804XPN
CB-634H~	CR 804HPN
CB-634HD(8)	CR 855HP
CB-634HN	CR 804XPN
CB-634HN~	CR 804HPN
CB-663 HND	CR 807XPND
CB-663H	CR 807XPN
CB-663H~	CR 807HPN
CB-663HD	CR 807XPND
CB-663HD~	CR 807HPND
CB-663HN	CR 807XPN
CB-663HN~	CR 807HPN
CB-663HND~	CR 807HPND
CB-743 HND	CR 808XPND
CB-743H	CR 808XPN
CB-743H~	CR 808HPN
CB-743HD	CR 808XPND
CB-743HD~	CR 808HPND
CB-743HN	CR 808XPN
CB-743HN	CR 808XPN
CB-743HN~	CR 808HPN
CB-743HND	CR 808XPND
CB-743HND~	CR 808HPND
CB-745H	CR 803XPN
CB-745H~	CR 803HPN
CB-745HD(8)	CR 852HP
CB-745HN	CR 803XPN
CB-745HN~	CR 803HPN
CB-818H	CR 874HP
CB-831HN	CR 814XPN
CB-927P(8)	CR 813SI
MS- 10P	MB3316AM
MS- 17AL	MB 536AM
MS- 18P	MB 157AM
MS- 30AL	MB 525AM
MS- 31AL	MB 300AM

CLEVITE	KING NO
MS- 46AL	MB 344AM
MS- 52P	MB 707CP
MS- 115	MB 319AM
MS- 119AL	MB 410AM
MS- 120P	MB3341AM
MS- 130M	MB4051AM
MS- 144AL	MB 414AM
MS- 149M	MB5125AM
MS- 152	MB5543AM
MS- 160P	MB 730CP
MS- 161P	MB5170AM
MS- 167P	MB 766CP
MS- 178AL	MB 583AM
MS- 190P	MB5299AM
MS- 197AL	MB 404AM
MS- 198P	MB 121CP
MS- 202P	MB3340AM
MS- 205M	MB5123AM
MS- 239P	MB 538CP
MS- 240P	MB 728CP
MS- 358P	MB 758CP
MS- 411P	MB5239AM
MS- 426M	MB5585AM
MS- 429AL	MB 554AM
MS- 431P	MB5126AM
MS- 435P~	MB5417AM
MS- 444P~	MB5416AM
MS- 458P~	MB5418AM
MS- 466P	MB3342AM
MS- 468AL	MB 411AM
MS- 483P	MB5511CP
MS- 496AL	MB5523AM
MS- 499P	MB5127SI
MS- 506P	MB4024CP
MS- 516	MB5597CP
MS- 517AL	MB 407AM
MS- 518AL	MB 409AM
MS- 525AL	MB 408AM
MS- 540AL/963P	MB 558AM
MS- 558AL	MB 589AM
MS- 590H	MB5155HP
MS- 590HG	MB5156HP
MS- 590P	MB 529AM
MS- 590P ~	MB 529SI
MS- 614P	MB5577AM
MS- 616	MB5532SI
MS- 617AL	MB 752SI
MS- 635M~	MB4105AM
MS- 661AL	MB 417AM
MS- 663P~	MB5415AM
MS- 664P~	MB5419AM
MS- 704AL	MB 763SI
MS- 708P	MB 451AM
MS- 715P	MB 701CP
MS- 720AL	MB 511AM
MS- 721P	MB 306AM
MS- 722P	MB 402AM
MS- 726B	MB 329AM
MS- 735AL	MB 311AM
MS- 736AL	MB 303AM
MS- 740AL	MB 302AM
MS- 741AL	MB 307AM
MS- 742AL	MB 512AM
MS- 750P	MB3332AM
MS- 751P	MB 316CP
MS- 755AL	MB 501AM
MS- 756AL	MB 704AM
MS- 757AL	MB 727AM
MS- 761P	MB 702CP
MS- 771AL	MB 762AM
MS- 772AL	MB 440AM
MS- 773AL	MB5000AM
MS- 774AL	MB 705AM
MS- 776AL	MB 703AM
MS- 779AL	MB 339AM
MS- 782P	MB 790CP
MS- 793AL	MB 335AM

CLEVITE	KING NO
MS- 794AL	MB 502AM
MS- 798AL	MB 333AM
MS- 805AL	MB5514AM
MS- 807AL	MB 345AM
MS- 808AL	MB5323AM
MS- 812AL	MB 321AM
MS- 813AL	MB 523AM
MS- 816AL	MB 326AM
MS- 829P~	MB 556SI
MS- 830AL	MB 519AM
MS- 836P	MB 379CP
MS- 837P	MB5298SI
MS- 838P	MB4063CP
MS- 839P	MB7085CP
MS- 853B	MB 318AM
MS- 860P	MB 499AM
MS- 865AL	MB 419AM
MS- 866AL	MB 530AM
MS- 873AL	MB 360AM
MS- 874AL	MB 466AM
MS- 875AL	MB5588AM
MS- 876AL	MB 555AM
MS- 883P	MB5101CP
MS- 885P	MB4022CP
MS- 891AL	MB 527AM
MS- 894P	MB5091CP
MS- 903AL	MB3315AM
MS- 904AL	MB 420AM
MS- 906AL	MB 737AM
MS- 907B	MB 309AM
MS- 909AL	MB 557AM
MS- 909AL ~	MB 557SI
MS- 910M	MB 533AM
MS- 911B	MB5133AM
MS- 913AL	MB 328AM
MS- 914AL	MB 520AM
MS- 926AL	MB 544AM
MS- 928AL	MB 769AM
MS- 929AL	MB 515AM
MS- 931AL	MB 541AM
MS- 951AL	MB 325AM
MS- 952AL	MB 418AM
MS- 954P	MB 724CP
MS- 960AL	MB 443AM
MS- 961P	MB5424AM
MS- 977AL	MB 738AM
MS- 981P	MB5504AM
MS- 981P ~	MB5504SI
MS- 984AL	MB 537AM
MS- 988AL	MB 526AM
MS- 989AL	MB 757AM
MS-1010AL	MB5503AM
MS-1010H	MB5112HP
MS-1010H	MB5503XP
MS-1010HG	MB5113HP
MS-1016AL	MB3319AM
MS-1018AL	MB 733AM
MS-1025P	MB 560AM
MS-1026AL	MB 571AM
MS-1035AL	MB 508AM
MS-1038AL	MB 509SI
MS-1038H	MB 509XP
MS-1038H	MB5143XP
MS-1038H~	MB 509HP
MS-1038HG	MB5163HP
MS-1039P	MB5650SI
MS-1039V	MB5650XP
MS-1039V~	MB5650HP
MS-1041AL	MB5518AM
MS-1050AL	MB5502AM
MS-1051AL	MB 510SI
MS-1054AL	MB 534AM
MS-1055AL	MB 347AM
MS-1056AL	MB 348AM
MS-1057AL	MB 551AM
MS-1061P	MB5348CP
MS-1070AL	MB 765AM

CLEVITE	KING NO
MS-1077AL	MB 354AM
MS-1084AL	MB 545AM
MS-1100P	MB5026AM
MS-1102AL	MB 547AM
MS-1103AL	MB 434AM
MS-1104AL	MB 767AM
MS-1105AL	MB3304AM
MS-1106P	MB 768AM
MS-1107AL	MB 553AM
MS-1108AL	MB 549AM
MS-1109AL	MB 341AM
MS-1111AL	MB3314AM
MS-1112AL	MB 432AM
MS-1116AL	MB3310AM
MS-1117P	MB 582AM
MS-1118AL	MB 359AM
MS-1119G	MB 565AM
MS-1141AL	MB 543AM
MS-1142AL	MB 770AM
MS-1145AL	MB 562AM
MS-1147P	MB 539AM
MS-1154AL	MB 773AM
MS-1155AL	MB 575AM
MS-1156P	MB 716CP
MS-1157P	MB5149AM
MS-1167P	MB 772CP
MS-1183AL	MB 505AM
MS-1197AL	MB 437AM
MS-1198AL	MB 581AM
MS-1199AL	MB 780AM
MS-1206P	MB5506AM
MS-1207	MB5572AM
MS-1208AL	MB 542AM
MS-1211P	MB5003CP
MS-1216P	MB7037CP
MS-1221P	MB 736CP
MS-1264AL	MB 563SI
MS-1266AL	MB 517SI
MS-1287AL	MB 778AM
MS-1293AL	MB 597AM
MS-1298AL	MB 540AM
MS-1307P	MB5264AM
MS-1317	MB3307AM
MS-1318AL	MB 591AM
MS-1329AL	MB3305AM
MS-1336AL	MB3312AM
MS-1339AL	MB 764AM
MS-1344AL	MB5534SI
MS-1349P	MB7062CP
MS-135	MB5173AM
MS-1350AL	MB7035CP
MS-1351AL	MB5508AM
MS-1355AL	MB5515AM
MS-1360AL	MB5552AM
MS-1378P	MB 585CP
MS-1381AL	MB 588AM
MS-1389AL	MB 785AM
MS-1391AL	MB 602AM
MS-1394AL	MB4035AM
MS-1395AL	MB3320AM
MS-1406AL	MB 324AM
MS-1407P	MB5553AM
MS-1415AL	MB5517AM
MS-1419AL	MB 438AM
MS-1424AL	MB 592AM
MS-1425AL	MB3311SI
MS-1427AL	MB 572AM
MS-1428AL	MB 580AM
MS-1429AL	MB 429AM
MS-1430AL	MB 577AM
MS-1430AL	MB5647AM
MS-1431	MB5168AM
MS-1432AL	MB5505AM
MS-1432AL ~	MB5505SI
MS-1432H	MB5505XP
MS-1433AL	MB5248AM
MS-1434AL	MB 601AM

CLEVITE	KING NO
MS-1451P	MB5122CP
MS-1454AL	MB 445AM
MS-1454AL ~	MB 445SI
MS-1455AL	MB5507AM
MS-1456AL	MB 552AM
MS-1457P	MB5516AM
MS-1458AL	MB 578AM
MS-1459AL	MB 799AM
MS-1460	MB5598CP
MS-1476AL	MB5549AM
MS-1480AL	MB 548AM
MS-1484AL	MB5513AM
MS-1488AL	MB5028AM
MS-1489P	MB 605AM
MS-1490	MB 776AM
MS-1494AL	MB 427AM
MS-1495P	MB5102CP
MS-1499P	MB5584AM
MS-1509P	MB3358AM
MS-1518P	MB 596AM
MS-1524AL	MB5530AM
MS-1526P ~	MB 368SI
MS-1527P ~	MB5199SI
MS-1528P ~	MB4014SI
MS-1529P ~	MB7032SI
MS-1531P	MB5347CP
MS-1532P	MB 714CP
MS-1533AL	MB5521AM
MS-1537AL	MB5591AM
MS-1541AL	MB5544AM
MS-1542AL	MB5551AM
MS-1545P	MB5519AM
MS-1548AL	MB7002AM
MS-1549AL	MB5520AM
MS-1556AL	MB5037AM
MS-1557AL	MB5525AM
MS-1559P	MB 524AM
MS-1560AL	MB5510AM
MS-1561AL	MB 446AM
MS-1563P	MB5257SI
MS-1564P	MB5224AM
MS-1565AL	MB5529AM
MS-1567AL	MB5531SI
MS-1568P	MB5560SI
MS-1569P	MB7026CP
MS-1570P	MB 587AM
MS-1571AL	MB3324AM
MS-1571P ~	MB3346AM
MS-1572P	MB3331AM
MS-1572P~	MB3331SI
MS-1577AL	MB5027AM
MS-1581P	MB7705CP
MS-1590P	MB 506AM
MS-1591	MB5144AM
MS-1595P	MB5524AM
MS-1596	MB5599SI
MS-1599AL	MB 305AM
MS-1600AL	MB 313AM
MS-1601AL	MB5536AM
MS-1602AL	MB5129AM
MS-1603 ~	MB5555AM
MS-1603AL	MB5180AM
MS-1604AL	MB5081AM
MS-1605AL	MB5132AM
MS-1607AL	MB5117AM
MS-1608AL	MB 606AM
MS-1609AL	MB7721AM
MS-1610AL	MB5240AM
MS-1612AL	MB5569AM
MS-1613AL	MB5589AM
MS-1614AL	MB5235AM
MS-1617AL	MB 535AM
MS-1618P	MB5168AM
MS-1625P	MB7106CP
MS-1626	MB5184AM
MS-1628P	MB 452SI
MS-1629AL	MB5547AM

CLEVITE	KING NO
MS-1631P	MB 403AM
MS-1637	MB 453AM
MS-1638P	MB5527AM
MS-1639P	MB5528AM
MS-1640P	MB5057AM
MS-1643P	MB5533SI
MS-1649AL	MB5182AM
MS-1650P	MB5562AM
MS-1652AL	MB5210AM
MS-1655AL	MB5594AM
MS-1658AL	MB3347AM
MS-1659P	MB 507AM
MS-1659P	MB5070AM
MS-1660AL	MB 378AM
MS-1665AL	MB7036AM
MS-1666	MB5196AM
MS-1668P	MB 521AM
MS-1669P	MB5253CP
MS-1671	MB5195AM
MS-1674P	MB 314CP
MS-1675P	MB5150CP
MS-1676P	MB4041CP
MS-1677P	MB7042CP
MS-1687P	MB 714CP
MS-1688	MB 483AM
MS-1692AL	MB 435SI
MS-1701P	MB 463SI
MS-1702P	MB 459SI
MS-1703P	MB5590SI
MS-1704P	MB5557SI
MS-1705P	MB5522CP
MS-1706P	MB5558SI
MS-1708	MB 454AM
MS-1710AL	MB5085AM
MS-1711P	MB5159AM
MS-1712P	MB5251CP
MS-1714AL	MB5554AM
MS-1715AL	MB5563AM
MS-1717P	MB7009SI
MS-1718P	MB5006SI
MS-1719P	MB 372SI
MS-1720P	MB 458AM
MS-1733P	MB5532SI
MS-1739	MB 416AM
MS-1740	MB7103CP
MS-1743P	MB5278AM
MS-1744	MB5183AM
MS-1745	MB5212AM
MS1746P	MB5236AM
MS-1746P	MB5236AM 010
MS-1747	MB 482AM
MS-1753	MB5501AM
MS-1772P	MB7001AM
MS-1774	MB 787AM
MS-1775	MB5559AM
MS-1776AL	MB5540AM
MS-1777P	MB4037AM
MS-1779AL	MB5556AM
MS-1780AL	MB5158AM
MS-1782P	MB4052AM
MS-1782P ~	MB4052SI
MS-1785AL	MB 490AM
MS-1789P	MB5056AM
MS-1795HP	MB5116HP
MS-1795M	MB5116XP
MS-1795M~	MB5116HP
MS-1801AL	MB5519AM
MS-1802AL	MB5537AM
MS-1803AL	MB5359AM
MS-1803P	MB5097AM
MS-1804P	MB5568AM
MS-1805P	MB4007AM
MS-1806AL	MB5244AM
MS-1807	MB 498AM
MS-1808P	MB5029CP
MS-1810	MB 771CP
MS-1812P ~	MB4005AM

CLEVITE	KING NO
MS-1812P ~	MB4034SI
MS-1814AL	MB5086AM
MS-1816P	MB3343AM
MS-1817AL	MB 468AM
MS-1820AL	MB5587AM
MS-1821AL	MB5586AM
MS-1822P	MB 480SI
MS-1824AL	MB5566AM
MS-1827AL	MB7039AM
MS-1831P	MB7061CP
MS-1832AL	MB 322AM
MS-1856AL	MB 504AM
MS-1857P	MB7053CP
MS-1869P(7)	MB7731CP
MS-1871AL	MB5032AM
MS-1872AL	MB3330AM
MS-1873P	MB4015AM
MS-1908P	MB5538CP
MS-1915AL	MB3329AM
MS-1916AL	MB5010AM
MS-1917AL	MB5450AM
MS-1921AL	MB5025AM
MS-1929P	MB 717CP
MS-1931AL	MB5079AM
MS-1933AL	MB5080AM
MS-1936P	MB7054CP
MS-1942P	MB7068CP
MS-1943AL	MB5250AM
MS-1945P	MB 546AM
MS-1946P	MB4060SI
MS-1946P	MB4060SI
MS-1947P	MB7719SI
MS-1948P	MB5148SI
MS-1949P	MB5245AM
MS-1950P	MB5373AM
MS-1951P	MB 495AM
MS-1952P	MB 474AM
MS-1953AL	MB5564AM
MS-1954	MB 465AM
MS-1983P	MB 431SI
MS-1992AL	MB7040AM
MS-2001P	MB7075CP
MS-2003P	MB 461AM
MS-2006P	MB4023SI
MS-2007P	MB5353XP
MS-2007P ~	MB5353SI
MS-2009P	MB5007SI
MS-2010P	MB4040AM
MS-2010P~	MB4040SI
MS-2011P	MB4012AM
MS-2012P	MB5168AM
MS-2013P	MB5286CP
MS-2014AL	MB7084AM
MS-2015P	MB5243AM
MS-2017P	MB5128AM
MS-2021P	MB4018SI
MS-2022P	MB4017SI
MS-2028P	MB5052AM
MS-2030P	MB7038AM
MS-2031AL	MB5073AM
MS-2034P	MB5263CP
MS-2035AL	MB5226AM
MS-2037P	MB4080SI
MS-2039P	MB5209AM
MS-2042P	MB5233AM
MS-2043	MB 524AM
MS-2046P	MB5225AM
MS-2055P	MB5267CP
MS-2056P	MB5367SI
MS-2057AL	MB5171AM
MS-2058AL	MB 496AM
MS-2060P	MB5068CP
MS-2061AL	MB7049AM
MS-2062AL	MB5220AM
MS-2062AL	MB5234AM
MS-2063AL	MB5238AM
MS-2065P	MB7738SI

CLEVITE	KING NO
MS-2067V	MB5420HP
MS-2068P	MB5179AM
MS-2069P	MB5228AM
MS-2070P	MB5071AM
MS-2072P	MB5230AM
MS-2073P	MB5232AM
MS-2074P	MB4008AM
MS-2075P	MB5022AM
MS-2075P	MB5237AM
MS-2076P	MB5227AM
MS-2077P	MB5229AM
MS-2078P	MB5231AM
MS-2079P ~	MB 549AM
MS-2081P	MB7732AM
MS-2086P	MB5061AM
MS-2087P	MB4077AM
MS-2091P	MB5257SI
MS-2095P	MB5259AM
MS-2158P	MB7703AM
MS-2198AL ~	MB5281SI
MS-2199H	MB5013XP
MS-2199P	MB5293AM
MS-2199P ~	MB5293SI
MS-2200P	MB 629SI
MS-2201P	MB5270AM
MS-2202P	MB5280AM
MS-2202P ~	MB5280SI
MS-2203P	MB 621AM
MS-2203P ~	MB 621SI
MS-2204P	MB5219SI
MS-2205P	MB5088SI
MS-2206P	MB5371SI
MS-2207P	MB4056AM
MS-2207P ~	MB4056SI
MS-2208P	MB5008AM
MS-2208P	MB5008SI
MS-2209P	MB4074SI
MS-2210P	MB4103SI
MS-2212AL	MB5089AM
MS-2213AL	MB5176AM
MS-2216P	MB5284SI
MS-2220P~	MB5659SI
MS-2226P	MB4016AM
MS-2229AL	MB7089AM
MS-2230AL	MB 612AM
MS-2232AL	MB5413SI
MS-2236P	MB4010AM
MS-2238P	MB4050AM
MS-2240P	MB4011AM
MS-2243AL	MB5646SI
MS-2244P	MB4102SI
MS-2245AL	MB5442SI
MS-2248P	MB 624XA
MS-2259H	MB5283XP
MS-2263AL	MB5664AM
MS-2267AM	MB5287AM
MS-2357 ~	MB5539AM
MS-2367P	MB 156AM
MS-2398	MB7704AM
MS-2848AL	MB5104CP
MS-540H	MB 558XP
MS-590H	MB 529XP
MS-590H~	MB 529HP
MS-590HG	MB5162HP
MS-690B	MB 357AM
MS-829H	MB 556XP
MS-829H~	MB 556HP
MS-829HG	MB5164HP
MS-863P/MS-685P	MB 559AM
MS-909H	MB 557XP
MS-909H~	MB 557HP
MS-909HG	MB5107HP
MS-909HG	MB5160HP
MS-909HX	MB5109HP
MS-909HXG	MB5110HP
MS-963P	MB 558SI
MS-979P	MB 760AM

CLEVITE	KING NO
MS-979P ~	MB 760SI
NON TURBO ONLY	CR4207SI
SH- 69S	CS 101BB
SH- 84S	CS 319BB
SH- 85S	CS 320BB
SH- 287S	CS 534BB
SH- 290S	CS 507BB
SH- 291S	CS 540BB
SH- 292S	CS 511BB
SH- 383S	CS 434BB
SH- 399S	CS 402BB
SH- 426S	CS 530BB
SH- 481S	CS 304BB
SH- 510S	CS 514BB
SH- 530S	CS 537BB
SH- 549S	CS 422BB
SH- 559S	CS 539BB
SH- 567S	CS 419BB
SH- 590S	CS 311BB
SH- 615S	CS4404BB
SH- 616S	CS 524BB
SH- 671S	CS 526BB
SH- 703S	CS 418BB
SH- 710S	CS 516BB
SH- 711S	CS 332BB
SH- 716S	CS 531BB
SH- 718S	CS 405BB
SH- 720S	CS 412BB
SH- 725S	CS 504BB
SH- 730S	CS 413BB
SH- 733S	CS 331BB
SH- 764S	CS 309BB
SH- 767S	CS 529BB
SH- 772S	CS 305BB
SH- 777S	CS 417BB
SH- 781S	CS 515BB
SH- 791S	CS 317BB
SH- 796S	CS 308BB
SH- 874S	CS 401BB
SH- 875S	CS 512BB
SH- 876S	CS 533BB
SH-1030S	CS 325BB
SH-1066S	CS 330BB
SH-1092S	CS 532BB
SH-1094S	CS 104BB
SH-1095S	CS 328BB
SH-1111S	CS 517BB
SH-1112S	CS 527BB
SH-1114S	CS 430BB
SH-1115S	CS 416BB
SH-1190S	CS 329BB
SH-1197S	CS 426BB
SH-1209S	CS 230BB
SH-1251S	CS 423BB
SH-1254S	CS 427BB
SH-1305S	CS 326BB
SH-1311S	CS 313BB
SH-1321S	CS 514HP
SH-1326S	CS 228BB
SH-1334S	CS 425BB
SH-1350S	CS 414BB
SH-1351	CS 435BB
SH-1354S	CS 509BB
SH-1355S	CS 510BB
SH-1361S	CS 508BB
SH-1364S	CS 428BB
SH-1364S	CS 429BB
SH-1365S	CS 528BB
SH-1366S	CS 536BB
SH-1371S	CS 535BB
SH-1385S	CS 415BB
SH-1386S	CS 410BB
SH-1390S	CS 424BB
SH-1405S	CS 431BB
SH-1429S	CS 327BB
SH-1430S	CS 324AM
SH-1447S	CS 432BB

CLEVITE	KING NO
SH-1448S	CS 421BB
SH-1526S	CS 231BB
SH-1812S	CS4401BB
SH-1814S	CS5503BB
SH-1817S	CS 541BB
SH-1977S	CS 232BB
SH-1980S	CS 422BB
SH-1990S	CS5512BB
SH-1995S	CS5510BB
SH-1997S	CS2101BB
SH-1999S	CS 544BB
SH-2002S	CS2102BB
SH-277S	CS5509BB
SH-344S	CS5508BB
SH-398S	CS 542BB
SH-400S	CS3303BB
SH-875S	CS 512HP
TW- 105S	TW 204AM
TW- 113S	TW 106AM
TW- 120S	TW 232AM
TW- 136S	TW 205AM
TW- 142S	TW 120AM
TW- 144S	TW 216AM
TW- 147S	TW 206CP
TW- 164S	TW 121AM
TW- 168S	TW 215CP
TW- 177S	TW 105AM
TW- 184S	TW 103AM
TW- 186S	TW 186AM
TW- 218S	TW 214AM
TW- 224S	TW 209AM
TW- 225S	TW 225AM
TW- 228S	TW 210AM
TW- 229S	TW 109AM
TW- 230S	TW 272AM
TW- 231S	TW 222AM
TW- 232S	TW 132AM
TW- 234S	TW 115AM
TW- 236S	TW 113AM
TW- 241S	TW 117AM
TW- 247S	TW 212AM
TW- 303S	TW 226AM
TW- 305S	TW 207AM
TW- 316S	TW 208AM
TW- 325S	TW 223AM
TW- 326S	TW 230AM
TW- 327S	TW 110AM
TW- 334S	TW 255AM
TW- 338S	TW 122AM
TW- 344S	TW 251AM
TW- 352S	TW 228AM
TW- 370S	TW 227AM
TW- 376S	TW 246AM
TW- 401S	TW 231AM
TW- 414S	TW 107AM
TW- 451S	TW 118AM
TW- 453S	TW 141AM
TW- 455S	TW 134AM
TW- 458S	TW 247AM
TW- 463S	TW 234AM
TW- 472S	TW 133AM
TW- 473S	TW 140AM
TW- 474S	TW 151AM
TW- 478S	TW 144AM
TW- 551S	TW 138AM
TW- 552S	TW 256AM
TW- 553S	TW 248AM
TW- 554S	TW 249AM
TW- 587S	TW 152AM
TW- 589S	TW 284AM
TW- 590S	TW 139AM
TW- 598S	TW 287AM
TW- 599S	TW 145AM
TW- 604S	TW 285AM
TW- 605S	TW 143AM
TW- 606S	TW 259AM
TW- 615S	TW 171AM

CLEVITE	KING NO
TW- 618S	TW 257AM
TW- 619S	TW 193AM
TW-1379	TW 102AM
TW-595S	TW 142AM
TW-608S	TW 167AM
TW-611S	TW1003AM
TW-617S	TW 158AM
TW-679S	TW1008AM
TW-683S	TW 185AM

DAIDO to KING

DAIDO	KING NO
M 822A2	MB5537AM
M2620A	MB5305AM
M7275A	MB5195AM
M9490A	MB5060AM
R8130A	CR4159AM
R8403K	CR6714CP
R9051A	CR4205AM
R9447A	CR6719AM
T2068A	TW2002AM
M 166A	MB4066AM
M 178A	MB5056AM
M 180A	MB5238AM
M 238K	MB3305AM
M 321K	MB5159AM
M 448K	MB7104CP
M 536A	MB5157AM
M 602K1	MB 719CP
M 802A	MB 572AM
M 822A2	MB5510AM
M 980A	MB5168AM
M 983K	MB5168AM
M 988A	MB5244AM
M 993A	MB5277AM
M1559A	MB4044AM
M1668A	MB 416AM
M1669A	MB 490AM
M1776A	MB5583AM
M2010K	MB 549AM
M2025K	MB 768AM
M2029A	MB7008AM
M2040K	MB 534AM
M2042K	MB 587AM
M2058K	MB 553AM
M2060A	MB5524AM
M2068A	MB5373AM
M2070A	MB5545AM
M2078A	MB4071AM
M2503K	MB7006CP
M2504A	MB7027AM
M2620A	MB5529AM
M2632A	MB7058AM
M2644K	MB5021AM
M3020K	MB 359AM
M3025K	MB 473AM
M3035K	MB5029CP
M3038K	MB7006CP
M3327K	MB7066CP
M3329K	MB7067CP
M4007K	MB7090CP
M4029K	MB7713CP
M4521A	MB5253CP
M4525K	MB 597AM
M4532K	MB5098AM
M4540A	MB5035AM
M4541A	MB5078SI
M4547K	MB5310CP
M4631K	MB5300AM
M4632K	MB5136CP
M4634K	MB5093AM
M4637A	MB5309AM
M4641K	MB5579CP
M4650A	MB5295AM
M4651A	MB5296AM
M4654K	MB5099AM
M5014K	MB 540AM
M5022A	MB5559AM
M5038A	MB5540AM
M5523A	MB5586AM
M5606K	MB3301AM
M5700A	MB5220AM
M5800A	MB3311AM
M5800A~	MB3311SI
M5802A	MB3331SI
M5803A	MB3324AM

DAIDO	KING NO
M5807K	MB 461AM
M5874A	MB4059AM
M5901A	MB4042AM
M5983A	MB5501AM
M5985A	MB 454AM
M5986A	MB5556AM
M5987A	MB5587AM
M5990A	MB4043AM
M6029K	MB5074CP
M6050K	MB5251CP
M6308K	MB 710CP
M6320K	MB7043CP
M6325K	MB7091CP
M7200A	MB5176AM
M7204K	MB5314AM
M7264A	MB 521AM
M7268K	MB3307AM
M7275A	MB 546AM
M7277A	MB 577AM
M7277A	MB5647AM
M7280A	MB 524AM
M7281A	MB5177AM
M7285A	MB 458AM
M7700K	MB4050AM
M7800K	MB5372CP
M8108A	MB5304AM
M8111A	MB5528AM
M8112A	MB5097AM
M8115A	MB5171AM
M8126A	MB5264AM
M8128A	MB 578AM
M8133A	MB 572AM
M8304A	MB 474AM
M8360A	MB5057CP
M8380K	MB5332CP
M8400K	MB5311CP
M8402K	MB7030CP
M8416A	MB5100AM
M8418A	MB5158AM
M8450A	MB5312AM
M9014A	MB 348AM
M9021K	MB3312AM
M9022A	MB3343AM
M9027A	MB 535AM
M9028A	MB5527AM
M9035K	MB 767AM
M9036K	MB 787AM
M9037A	MB7050AM
M9038A	MB7051AM
M9040K	MB7052AM
M9050A	MB 551AM
M9051A	MB5077AM
M9056A	MB5563AM
M9062K	MB 547AM
M9063K	MB 580AM
M9064K	MB 506AM
M9066A	MB5089AM
M9068A	MB5554AM
M9071K	MB 552AM
M9073K	MB 552AM
M9077A	MB5095AM
M9078A	MB5564AM
M9301A	MB 434AM
M9302A	MB 429AM
M9317A	MB4037AM
M9321A	MB7049AM
M9324K	MB 465AM
M9327A	MB4012AM
M9350A	MB5319AM
M9375A	MB5085AM
M9380A	MB5096AM
M9389A	MB 623AM
M9408A	MB5144AM
M9411A	MB5145AM

DAIDO	KING NO
M9416A	MB5321AM
M9419A	MB7093AM
M9446A	MB 596AM
M9449A	MB7029AM
M9483A	MB5584AM
M9490A	MB5059AM
M9500A	MB5423SI
M9606K	MB 764AM
M9750K	MB5259AM
M9900K	MB5568AM
M9905K	MB4068AM
M9950K	MB5168AM
M9980K	MB4007AM
R 133K1	CR4318CP
R 158A	CR 309AM
R 166A	CR 329AM
R 167K	CR 330AM
R 178A	CR4053AM
R 449K	CR6784CP
R 522A	CR4141SI
R 523A	CR4141SI
R 609K	CR 635CP
R 809A	CR4495AM
R 834A	CR6655AM
R 980K1	CR4462AM
R 981K	CR4258AM
R 982K1	CR4463AM
R 983K	CR4261AM
R 984K	CR4139AM
R 988K	CR4257AM
R 989K	CR 439AM
R 990K	CR4046AM
R 991K	CR4033AM
R 992K	CR4259AM
R 993K	CR4260AM
R 995K	CR6768AM
R 998K	CR6738AM
R1668A	CR 306AM
R1680A	CR4130AM
R2005K	CR4443AM
R2025K	CR6607AM
R2029A	CR6695AM
R2036K	CR4424AM
R2040K	CR4431AM
R2055K	CR4442AM
R2060K	CR 426AM
R2062A	CR 407AM
R2068A	CR 426AM
R2070A	CR4005AM
R2075A	CR6771AM
R2076A	CR6772AM
R2077A	CR6765AM
R2502K	CR6608AM
R2504A	CR6715AM
R2578A	CR6676SI
R2579K	CR6676SI
R2617A	CR 407AM
R2620A	CR4230AM
R2632A	CR6696AM
R3020K	CR 472AM
R3025K	CR6651AM
R3026K	CR4317CP
R3035K	CR4228CP
R3036K	CR4162CP
R3038K	CR6698CP
R3327K	CR6741CP
R3329K	CR6742CP
R4000K	CR6769CP
R4035K	CR6783CP
R4036K	CR6658CP
R4048K	CR6785CP
R4521A	CR 445CP
R4536A	CR 474SI
R4540A	CR4207SI

FEDERAL MOGUL

FEDERAL MOGUL	KING NO
1085CP	CR 101CP
1230CP	CR 131CP
1480CP	CR 133CP
1840	CR 193AM
2235	CR 194AM
2405CP	CR 111CP
61830RA	CR1010AM
61845RA	CR 179AM
66360RA	CR 180AM
66420RA	CR1009AM
134M	MB5242AM
4040M	MB5511CP
4693F	TW2002AM
485M	MB 406AM
4916M	MB 760AM
5107M	MB5504AM
6-3150CPA	CR 640AM
643M	MB4051AM
6692M	MB5528AM
7146M	MB4060SI
7192M	MB5012AM
7256MA	MB5424AM
7278M	MB4082AM
7306M	MB 612AM
755M	MB3339AM
757M	MB 758CP
766M	MB 467AM
799M	MB 774CP
828M	MB5125AM
8-3380CP	CR 814AM
916M	MB5217AM
931M	MB5124AM
932M	MB5299AM
946M	MB 308AM
956M	MB 701CP
968M	MB5127SI
984M	MB5123AM
993M	MB5239AM
994M	MB 554AM
995M	MB5126AM
~4-1470CP	CR4003AM
1010CP	CR 183CP
1010CPA	CR1208CP
1011BF	TW 235AM
1011CP	MB 147CP
10-1985A ~	CR1039AM
10-1985A ~	CR1039SI
10-1985Ax2	CR1316SI
10-2130	CR1317SI
1063AF	TW 134AM
1064AF	TW 141AM
1086AF	TW 112AM
1091M	CS 101BB
1099AF	TW 248AM
1120M	CS 521CP
1145M	CS 534BB
1160M	CS 539BB
1170M	CS 434BB
1179M	CS 540BB
1-1985A	CR1241AM
1-1985A ~	CR1241SI
119M	MB5116XP
119M~	MB5116HP
1203BF	TW 152AM
1203M	CS 402BB
1204M	CS 514BB
1-2130CP	CR1240SI
1216M	CS 537BB
1218M	CS 530BB
1220M	CS 511BB
1225M	CS4404BB
1234M	CS 509BB
1235M	CS 507BB

to KING

FEDERAL MOGUL	KING NO
1244M	CS 422BB
1255CA	CR1201AM
129M	MB 529XP
129M~	MB 529HP
1307M	CS 304BB
130M	MB5505XP
1-3125CP	CR 156SI
134M	MB5650HP
1-3850AP	CR1228SI
139M	MB 557XP
139M~	MB 557HP
1401M	CS 526BB
1403M	CS 516BB
1404M	CS 524BB
140M	MB 509XP
140M~	MB 509HP
1410M	CS 531BB
1412M	CS 307BB
1412M	CS 331BB
1414M	CS 517BB
141M	MB 556XP
141M	MB5164HP
141M~	MB 556HP
1422M	CS 508BB
1425M	CS 313BB
142ML	MB5154HP
1439M	CS 418BB
1441M	CS 410BB
1442M	CS 330BB
1443M	CS 417BB
1444M	CS 329BB
1445M	CS 515BB
1450M	CS 419BB
1451M	CS 512BB
1453M	CS 533BB
1454M	CS 401BB
1459M	CS 332BB
1460M	CS 328BB
1460SA	CR1237AM
1461M	CS 325BB
1462M	CS 415BB
1463M	CS 414BB
1466M	CS 510BB
1467M	CS 532BB
146M	MB5503XP
1473M	CS 416BB
1481CP	MB 121CP
1484M	CS 527BB
1485M	CS 528BB
1487M	CS 228BB
148M	MB5353HP
148M	MB5353XP
1492M	CS 429BB
1493M	CS 426BB
1494M	CS 423BB
1496M	CS 536BB
149M	MB5283HP
1505CAA~	CR4381AM
1510SB	CR 884AM
152M	MB5013XP
1535M	CS 312BB
153M	MB5280HP
1543M	CS 319BB
1555SB	CR8018AM
1557M	CS 405BB
1561M	CS 317BB
1565M	CS 412BB
1569M	CS 413BB
1570M	CS 305BB
1592M	CS 529BB
159M	MB5259XP
1603AF	TW 256AM
160M	MB5568XP

FEDERAL MOGUL	KING NO
1620SA~	CR4382AM
1-65925CPA	CR1217AM
1-66355RA	CR1207AM
1-66485RA	CR1206AM
16-7300SHAU	CR 863HP
1682M	CS 318BB
1708M	CS 504BB
1726M	CS 230BB
1731M	CS 104BB
1732BF	TW 237AM
1734M	CS 309BB
1736AF	TW 247AM
1736M	CS 308BB
1737M	CS 315BB
1741BF	TW 102AM
1747M	CS 503BB
1755M	CS 421BB
1756M	CS 326BB
1757M	CS 535BB
1758M	CS 324AM
1777M	CS 425BB
1781M	CS 427BB
1782M	CS 420BB
1785M ~	CS 429BB
1790M	CS 430BB
1793M	CS 424BB
1805M	CS 327BB
1807M	CS 231BB
1809M	CS 431BB
1826AF	TW 140AM
1838M	CS 424BB
1842M	CS 417BBX
1844M	CS4403BB
1844M	CS4409BB
1853M	CS 435BB
1859M	CS3301BB
1883M	CS 541BB
1886M	CS 432BB
1888M	CS5503BB
1889M	CS 436BB
1895M	CS2101BB
1896M	CS6601BB
1900CP~	CR4380AM
2011CP	MB1018AM
2056BF	TW 204AM
205M	MB5421HP
2101M	CS 524HP
2110M	CS 512HP
2248AF	TW 232AM
2305CP~	CR4379AM
2-3990CP	CR 201AM
2406CP	MB 104CP
2406CPA	MB 141CP
2516AF	TW 253AM
2615CPA	CR 137CP
2616CP	MB 124CP
2616CPA	MB 140CP
2634 Y	PB 141CP
2783AFA	TW 260AM
2786BF	TW 106AM
2789Y-20	PB 122CP
2847AF	TW 254AM
2869BF	TW 107AM
2873BF	TW 250AM
2897AF	TW 104AM
2919BF	TW 219CP
2966BF	TW 206CP
2966BFA	TW 215CP
2975CP	CR1205CP
3056AF	TW 223AM
3-1140RA	CR 307AM
3-1180RA	CR 306AM
3137BFA	TW 208AM

FEDERAL MOGUL	KING NO
3-1480CP	CR 320CP
3-2015CPA	CR 301AM
3-3105RA	CR 302AM
3325APA	CR 189AM
3326AP	MB 148AM
3327AP	MB 149AM
3-3325APA	CR 314AM
3365CP	CR4045AM
3-4205CP	CR 318CP
3461AFA	TW 214AM
3482BF	TW 115AM
3567AF	TW 222AM
3571BF	TW 118AM
3-60115CP	CR 317CP
3636BF	TW 128BR
3-65925CP	CR 304AM
3725CP	CR6647SI
3864Y20	PB 170CP
3911AF	TW 227AM
3926AF	TW 231AM
3951CP	MB5093AM
3956BF	TW 249AM
3977AF	TW 268AM
4001M	MB3342AM
4009M	MB5585AM
4015M	MB3340AM
4040M	MB5511AM
4056M	MB 408AM
4070M	MB5597CP
4084M	MB5523AM
4092M	MB 407AM
4094M	MB 555AM
4096M	MB 589AM
4-1015RA	CR4122AM
4-1025RA	CR 429AM
4-1035CP	CR4010AM
4-1040CP	CR4175AM
4-1060CP	CR4137AM
4-1130RA	CR4159AM
4-1140RA	CR4020AM
4-1145RA	CR4004AM
4-1150CP	CR4173AM
4123M	MB 532AM
4123MA	MB5532SI
4-1245CP	CR 407AM
4124M	MB 752SI
4125M	MB 529AM
4125M ~	MB 529SI
4-1305RA	CR4127AM
4-1320RA	CR4053AM
4-1400CP	CR4021SI
4141AF	TW 296AM
4-1470CP	CR4003CP
4-1490	CR4106AM
4-1490CP	CR4017AM
4-1495CP	CR 439AM
4-1510CP	CR4258AM
4-1520	CR4139AM
4-1540	CR4059SI
4-1555CPA	CR4240CP
4155M	MB 417AM
4-1600CP	CR4202CP
4-1610RA	CR4027AM
4-1640CP	CR4025AM
4-1730RA	CR4229AM
4-1745RA	CR4205AM
4-1750CPA	CR4478AM
4176AF	TW 133AM
4-1825CP	CR4033AM
4-1855RA	CR4052AM
4185M	MB 369AM
4-1860CP	CR4184AM
4-1870CP	CR4083CP
4-1895CP	CR4257AM
4-1900RA	CR4269AM

FEDERAL MOGUL	KING NO
4191AF	TW 144AM
4193M	MB 307AM
4198M	MB 703AM
4-2015CPA	CR 454AM
4-2020CP	CR4423AM
4-2055CP	CR 420AM
4-2060CP	CR4186CP
4-2065RAA	CR 431AM
4207M/4866M	MB 501AM
4-2085SB	CR 404AM
4-2090RA	CR4078AM
4220M	MB 704AM
4222(ARG.)	MB 424AM
4222M	MB 409AM
4-2245RAA	CR 451AM
4224M	MB 502AM
4-2295RA	CR 438AM
4-2380CP	CR4009AM
4-2390RA	CR 416AM
4247M	MB 414AM
4-2500RAA	CR4494SI
4-2510SB	CR 425AM
4-2555A	CR4361SI
4-2580CP	CR 456AM
4261M	MB 559AM
4263M	MB 443AM
4-2650RA	CR4415AM
4-2785RA	CR 410AM
4-2815RA	CR 415AM
4281M	MB5514AM
4282M	MB 325AM
4283M	MB 418AM
4-2865RA	CR 422AM
4-2870RA	CR4410AM
4-2880SB	CR4143AM
4289M	MB 763SI
4290M	MB 762AM
4-2915CP	CR 462AM
4-2930CP	CR 409AM
4-2945RA	CR 419AM
4-2950RA	CR 446AM
4-2950RAA	CR4426AM
4-2955	CR 423AM
4-2965CP	CR 417AM
4298M	MB 302AM
4-3020CPA	CR 453CP
4-3025RA	CR 414AM
4304M	MB 309AM
4-3055CP	CR 432SI
4-3105RA	CR4418AM
4-3130	CR 402AM
4-3135AP	CR 464AM
4314M	MB 310AM
4-3310RAA	CR4023SI
4-3325AP	CR4057AM
4332M	MB4096CP
4-3370CP	CR4450AM
4-3460CP	CR4440AM
4-3480CP	CR4438AM
4-3485CP	CR4481AM
4352M	MB 727AM
4353M	MB 519AM
4-3545CPB	CR4476SI
4-3570CP	CR4141SI
4-3570CPA	CR4141SI
4-3570CPB	CR4141SI
4359M	MB5577AM
4-3635CP	CR4066CP
4-3665AP	CR4482AM
4368M	MB 735CP
4-3800CPA	CR 424CP
4-3800RA	CR 424AM
4-3805CP	CR 436AM
4-3885CP	CR 445CP
4-3890CP	CR4085AM

FEDERAL MOGUL	KING NO
4-3895RA	CR4018AM
4-3910RA	CR4495AM
4391M	MB 335AM
4-3920CP	CR4093AM
4-3925RA	CR 413AM
4-3930RA	CR4187AM
4-3950CP	CR4043CP
4-3955RA	CR4497AM
4-3960CP	CR4129AM
4-3975RA	CR 405AM
4-3980RA	CR4028AM
4-4005	CR4485AM
4400M	MB 556SI
4-4060CP ~	CR4019AM
4407M	MB 379CP
4408M	MB5298SI
4409M	MB4063CP
4410M	MB7085CP
4-4130RA	CR4152AM
4-4135RA	CR4150AM
4-4135RA ~	CR4150SI
4413M	MB 475CP
4-4150RA	CR4306AM
4415M	MB 440AM
4-4165RA	CR4040AM
4416M	MB 504AM
4-4175	CR4002AM
4417M	MB 705AM
4-4185RA	CR4149SI
4-4185RA ~	CR4149AM
4418M	MB5516AM
4-4190RA	CR4056AM
4-4200RA	CR4096AM
4-4205CP	CR4165SI
4-4210CP	CR 418AM
4-4245CP	CR4424AM
4-4250RA/4280RA	CR4207SI
4-4250RA/4280RA	CR4207XA
4425M	MB5024CP
4-4275RA	CR4270AM
4-4285RA	CR4207XA
4-4300RA	CR4308AM
4-4305RA	CR4307AM
4-4335CP	CR4133AM
4-4340CP	CR4162CP
4-4350CP	CR4171AM
4-4400RA	CR4178SI
4-4415RA	CR4151AM
4-4450P	CR4135AM
4-4455RA	CR4074AM
4-4460P	CR4065AM
4-4465P	CR4104AM
4-4470P	CR4046AM
4-4475	CR4049AM
4-4560P	CR4094CP
4-4565P	CR4256AM
4456F	TW 142AM
4-4570P	CR4071SI
4-4595P	CR4141SI
4-4600P	CR4032CP
4-4600P	CR4032SI
4-4615	CR4183AM
4-4630RA	CR4236AM
4-4675RA	CR4220AM
4-4700	CR4120AM
4-4705A	CR4263SI
4-4740	CR4119AM
4-4765P	CR4105AM
4-4775	CR4125CP
4-4775	CR4125SI
4-4790P	CR4255SI
4-4805P	CR4136AM
4481F	TW 151AM
4-4820A ~	CR4121AM
4-4855A~	CR4219AM

FEDERAL MOGUL	KING NO
4-4930A	CR4507SI
4-4970P	CR4363SI
4-5000A	CR4514SI
4-5045A	CR4349CP
4509M	MB3316AM
4518M	MB 790CP
4532M	MB 436AM
4588M	MB3321AM
4-60000RA	CR 435AM
4-60010RA	CR4421AM
4-60085RA	CR4344CP
4-60110RA	CR4223CP
4-60115CP	CR4031CP
4-60180	CR 434AM
4-60240CP	CR 444AM
4-60275CP	CR4469AM
4-60475RA	CR4448AM
4-60480RA	CR4402AM
4-60965CP	CR4144CP
4-60985RA	CR4099AM
4-61645RA	CR44113AM
4-61820RA	CR4432AM
4-61910CP	CR4470AM
4-62035RA	CR4453AM
4-62045RA	CR4493AM
4-62080CP	CR4477AM
4-65190CP	CR4401AM
4-65290RA	CR 430AM
4-65325CP	CR4406AM
4-65350RA	CR4419AM
4-65365	CR4409AM
4-65385CP	CR4403AM
4-65540CP	CR4148AM
4-65545CP	CR4439AM
4-65895CP	CR4411AM
4-65905RA	CR4441AM
4-65925CP	CR4472AM
4-65925CPA	CR4076AM
4-65935RA	CR 448AM
4659M	MB 527AM
4-66240RA	CR4488AM
4-66295CP	CR4471AM
4-66315RA	CR4232AM
4663M	MB 557AM
4663M ~	MB 557SI
4-66415RA	CR4007AM
4-66440RAA	CR4080AM
4-66490RA	CR4499AM
4-66565CP	CR4492AM
4-66575CP	CR4073CP
4-66580/1645RA	CR4099AM
4-66600RA	CR4015AM
4-66620CP	CR4451AM
4-66645RAB	CR4006AM
4-66670RA	CR4465AM
4-66675CP	CR4466AM
4-66690RA	CR4016AM
4-66715CPA	CR4140AM
4-66720RA	CR4001AM
4-66725RA	CR4075AM
4-66740RA	CR4019AM
4-66740RAA~	CR4227CA
4-66755RA	CR4489AM
4-66760CP	CR4436AM
4-66780CP	CR 426AM
4667M	MB5121AM
4668M	MB 541AM
4-67015CP	CR4443AM
4-67030CP	CR4430AM
4670M	MB 466AM
4-67230CP	CR4431AM
4-67260CP	CR 472AM
4-67270CP	CR4446AM
4-67275CP	CR4447AM
4-67280CP	CR4428AM

FEDERAL MOGUL	KING NO
4-67290CP	CR4429AM
4-67295RA	CR4425AM
4-67300CP	CR 473AM
4-67320CP	CR4442AM
4-67325CP	CR 474SI
4-67330CPA	CR4480AM
4-67340CP	CR4462AM
4-67345CP	CR4463AM
4-67350RA	CR4485AM
4-67355RA	CR4437AM
4-67360RA	CR4445AM
4-67365RA	CR4088AM
4-67370CP	CR4179AM
4-68090RA	CR4483AM
4-68095CP	CR 411AM
4-68105CP	CR 408AM
4-68130CP	CR 412AM
4-68140CP	CR 421AM
4-68150CP	CR 437AM
4687M	MB 511AM
4693AF	TW 138AM
4706F	TW 167AM
4707F	TW 185AM
4709F	TW 173AM
4-7195CH	CR 439XP
4741F	TW 143AM
4766F	TW 156AM
4770M	MB 321AM
4786F	TW 288AM
4-8055CP	CR4408CP
4806F	TW 139AM
4-8140RA	CR4077AM
4865M	MB 512AM
4907F	TW 257AM
4907M	MB5650SI
4908M	MB 537AM
4910M	MB 706CP
4916M ~	MB 760SI
4921M	MB5588AM
4922F	TW 171AM
4923M	MB 558AM
4923M~	MB 558SI
4925M	MB5503AM
4926M	MB 509SI
4937F	TW 285AM
4944M	MB 724CP
4945M	MB5502AM
4945P	CR1018XA
4948M	MB 510SI
4953M	MB 782AM
4959M	MB3314AM
4963M	MB 543AM
4971DR	CS2102BB
4979M	MB 582AM
4983M	MB 799AM
4-9955SB	CR 401AM
4999M	MB 517SI
5024M	MB 563SI
5027M	MB 572AM
5028M	MB 540AM
5031M	MB5450AM
5032M	MB5101CP
5035M	MB 545AM
5037M	MB5518AM
5043M	MB5102CP
5058M	MB 524AM
5060M	MB 592AM
5065M	MB 435SI
5066M	MB4024CP
5070M	MB 438AM
5071M	MB 785AM
5077M	MB 329AM
5078M	MB5505AM
5078M ~	MB5505SI
5079M/6635M	MB4022CP

FEDERAL MOGUL	KING NO
5082M	MB5598CP
5083M	MB5507AM
5085M	MB 445AM
5085MA	MB 445SI
5090M	MB 427AM
5092M	MB5517AM
5095M	MB5534SI
5103M	MB5227AM
5104M	MB5530AM
5107M ~	MB5504SI
5108M	MB5521AM
5109M	MB5525AM
5110M	MB5599SI
5111M ~	MB 368SI
5112M ~	MB5199SI
5113M ~	MB4014SI
5114M ~	MB7032SI
5116M	MB 794CP
5117M	MB 714CP
5123M	MB 446AM
5129M	MB5257SI
5130M	MB5547AM
5138M	MB5531SI
5141M	MB5253CP
5172M	MB 412AM
5173M	MB 318AM
5187M	MB 419AM
5188M	MB 530AM
5197M	MB 354AM
533M	MB3352SI
5-4355CP	CR 507AM
5-4465P	CR 505AM
5-4535P	CR 509AM
5-4580P	CR 506AM
558M	MB 319AM
5-61980RA	CR 503AM
5-68095CP	CR 501AM
5-68150CP	CR 502AM
60046RA	MB1042AM
60050RA	CR1032AM
60076AFF	TW 255AM
60100CP	CR6802CP
60116AF	TW 252AM
6033M	MB 520AM
60476BF	TW 121AM
60481BF	TW 119AM
6061M	MB 344AM
6063M	MB 345AM
6084M	MB 339AM
60855CP	CR4330CP
60856CP	MB 213CP
60946BFA	TW 245AM
6094M	MB 548AM
60987AF	TW 105AM
60987AFA	TW1009AM
6100M	MB 332SI
6101M	MB 431SI
6-1020A	CR6625SI
6-1020AX2	CR6683SI
6-1020RA	CR6625AM
6-1020RAX2	CR6683AM
6102M	MB 525AM
6-1050CP	CR6719AM
6111M	MB 523AM
6-1165P	CR 696AM
6117M	MB 328AM
6-1220CP	CR 691SI
6-1245CP	CR6627AM
6-1275CP	CR6692CP
6129M	MB 771CP
61330RA	CR1029AM
6-1390CP	CR6640AM
6-1410CP	CR66111CP
6-1460	CR6636SI
6-1460Ax2	CR6821SI

FEDERAL MOGUL	KING NO
6-1460SA	CR6736AM
61470RA	CR1031AM
6-1485CP	CR6687CP
6-1500RA	CR6718AM
6-1525	CR6786AM
6-1585CP	CR6713CP
61585RA	CR1020AM
61587RA	MB1026AM
61588RA	MB1027AM
61589RA	MB1028AM
6-1595CP	CR6714CP
6-1675CP	CR6721CP
6172M	MB 371AM
6-1735AP	CR6629AM
6-1740CP	CR 609CP
6-1755CPA	CR 670CP
61823BFA	TW 123AM
6-1830CP	CR 617AM
61831AT	MB1008AM
61832AT	MB1007AM
61836CA	MB1003AM
61837CA	MB1004AM
6-1845CP~	CR6676SI
61847RA	MB1129AM
61856RA	MB1025AM
61890CP	CR6733CP
61904BF	TW 212AM
6-1905CP	CR 612AM
6-1920RA	CR6675AM
61950CP	CR1015AM
6-1950CP	CR 610AM
61960CP	CR 162CP
6-1960CP	CR 662SI
61960CPA	CR 163CP
61961CP	MB 135CP
61962CP	MB 136CP
61962M	MB 137AM
6-1965CP	CR 675SI
6-1970RA/6-4695	CR6655AM
6-1995CPA	CR 603AM
6-2015CPA	CR 655AM
6-2020AP	CR 624AM
62037AF	TW 113AM
62039Y	PB 149CP
62047BFA	TW 132AM
6-2085SB	CR 608AM
6-2095CP	CR 651CP
6220M	MB 411AM
6-2245RAA	CR 654AM
6-2295CP	CR 697CP
6-2295P	CR 697AM
62305RA	CR1030AM
62315RA	CR1027AM
6-2375RA	CR 614AM
6-2380CP	CR 618AM
6-2465CPB	CR 630AM
6-2500RAA	CR6614SI
6-2555AP	CR 641SI
6-2615CPA	CR6694CP
6-2700CPA	CR 621AM
6-2710CP	CR 652CP
6273M	MB5509AM
6274M	MB 533AM
6275M	MB5003CP
6277M	MB 716CP
6279M	MB 515AM
6280M	MB 526AM
6284M	MB 303AM
6286M	MB 505AM
6288M	MB3317AM
6-2915CP	CR 653AM
6-2945RA	CR 615AM
6296M	MB 728CP
6297M	MB 518AM
6302M	MB 370AM

FEDERAL MOGUL	KING NO
6304M	MB 437AM
6-3055CP	CR 642SI
6305M	MB 581AM
6306M	MB 780AM
6-3105RA	CR 682AM
6-3115CPA	CR 692AM
6-3130SB	CR 606AM
6-3135AP	CR 673AM
6-3135APA	CR 685AM
6314M	MB 311AM
6-3150CPA ~	CR 640SI
6-3310CPA	CR 648SI
6-3325AP	CR6643AM
6-3355CP	CR6622CP
6354M	MB 542AM
6356M	MB 536AM
6357M	MB 538CP
6367M	MB 432AM
6368M	MB 364AM
6-3695RA	CR6615AM
6371M	MB3306AM
6372M	MB 505AM
6-3750AP	CR6618SI
6-3755A	CR6616SI
6-3755A10*2	CR6684AM
6-3760A	CR6664SI
6-3760A10x2	CR6824SI
6-3765	CR 605AM
6-3765 ~	CR 605SI
6380M	MB5508AM
6382M	MB 773AM
6-3830CP	CR6619AM
6-3830CPA	CR6619SI
6-3830CPAX2	CR6806SI
6-3950CP	CR6658CP
6-3965CP	CR6605AM
6396M	MB 341AM
6-4010RA	CR6634AM
6-4020	CR6680AM
6-4020A	CR 605AM
6-4020A ~	CR 605SI
6406M	MB 766CP
6-4070CP	CR6679CP
6407M	MB 772CP
6408M	MB 779AM
6-4096CP	CR6729CP
6409M	MB7007CP
6410M	MB5043CP
6411M	MB4019CP
6-4205CP	CR6699SI
6-4370CP	CR1304CP
6-4380RA	CR6669AM
6-4385P	CR6641AM
6-4395A	CR6751SI
6-4395A ~	CR6751AM
6441M	MB3318AM
6442M	MB 765AM
6443M	MB4035AM
6444M	MB 588AM
6445M	MB 562AM
6-4480P	CR6738AM
6-4500	CR6712AM
6-4500AA	CR6712SI
6-4500AAX2	CR6807SI
6-4525P	CR6764AM
6-4580P	CR6673XA
6-4685CP	CR6823CP
6469M	MB 584AM
646M	MB3351SI
6475M	MB 590AM
6476M	MB 561AM
6481M	MB5546AM
6-4830A	CR6780AM
6-4830A ~	CR6780SI
6-4830AX2	CR6781SI

FEDERAL MOGUL	KING NO
6483M	MB 324AM
6-4840A	CR6811SI
6-4840A	CR6822SI
6-4845P	CR6810SI
6489M	MB5133AM
6-4905P	CR6686AM
6-4920P	CR6685AM
6503M	MB 602AM
65076RA	MB 156AM
65077BF	TW 216AM
65077RA	MB 157AM
65192BF	TW 186AM
65361BF	TW 205AM
65367BF	TW 103AM
6548M	MB 531AM
6549M	MB 791CP
6551M	MB3320AM
6555M	MB7048CP
6560M	MB5571CP
6563M	MB5506AM
6564M	MB5122CP
6565M	MB5549AM
6574M	MB 736CP
6575M	MB5544AM
6576M	MB 737AM
6582M	MB7004CP
65835RA	CR4132AM
6587M	MB 711CP
6590M	MB5591AM
6592M	MB 575AM
65931AF	TW 109AM
6593M	MB5228AM
6594M	MB5551AM
6597M	MB 522AM
6-60000RA	CR 622AM
6-60065CP	CR6632CP
6-60115CP	CR6693CP
6-60185CP	CR 680CP
6605M	MB5536AM
6610M	MB5129AM
6613M	MB5555AM
6616M	MB 718CP
6617M	MB5582CP
6618M	MB 546AM
6-61915CPA	CR6630CP
6619M	MB5098AM
66200CP	CR1230CP
6-62055CP	CR6613AM
6620M	MB5144AM
6621M	MB5145AM
6622M	MB5554AM
6627M	MB5136AM
6628M	MB5579CP
6630M	MB5237AM
6630M ~	MB 521AM
66311BF	TW 297AM
6631M	MB5559AM
66326AF	TW 191AM
66357RA	MB1029AM
66357RA(3)	MB 378AM
66362RA	MB1132AM
66421CAA	MB1005AM
66422CAA	MB1006AM
66427RA	MB1130AM
6644M	MB5332CP
6645M	MB5158AM
66470RA	CR1021AM
66473RA	MB1131AM
66495CP	CR1210CP
66496CP	MB5015CP
66506BF	TW 135AM
6650M	MB5563AM
66511CP	MB1019AM
66526BF	TW 172AM
6-65325CP	CR6610AM

FEDERAL MOGUL	KING NO
6-65350RA	CR6604AM
66535RA	CR1028AM
6-65545CP	CR6609AM
6655M	MB5264AM
6656M	MB 601AM
6-65895CP	CR 643AM
6-65925CP	CR 693AM
6-65935RA	CR 625AM
6659M	MB3301AM
6660M	MB5501AM
6661M	MB3307AM
6-66205CP	CR6602CP
6-66210CP	CR6603CP
6-66305	CR6601AM
66630CP	CR1209CP
6-66310RA	CR6708AM
66631CPA	MB 172CP
6-66520CP	CR6633CP
6-66545CP	CR6726CP
6-66595CP	CR 681CP
6665M	MB5524AM
6-66615CP	CR6691CP
6-66620CP	CR6612AM
66671AF	TW 117AM
6-66745CP	CR 666CP
66691BF	TW 251AM
6669M	MB5572AM
6-67010CP	CR6608AM
6-67035RA	CR6606AM
6-67045CP	CR 649AM
66706CP	MB5016CP
6670M	MB5057AM
66716BF	TW 244AM
66721BF	TW 246AM
6-67230CP	CR6607AM
6-67260CP	CR6651AM
66730CP	CR1231CP
66741AF	TW 162AM
6674M	MB 403AM
6675M	MB5207AM
6676M	MB5560SI
6678M	MB5521AM
6678M	MB5521AM
6680M	MB5527AM
6-68150CP	CR6617AM
6-68150CP	CR6617CP
6683M	MB7029AM
6684M	MB5584AM
6685M	MB 454AM
6686M	MB5540AM
6688M10	MB5184AM
6689M	MB5532AM
6690M	MB5533SI
6692M	MB5225AM
6693M	MB 787AM
6694M	MB7026CP
6695M	MB5558SI
6697M	MB 416AM
6699M	MB5244AM
6701M	MB 769AM
67033BF	TW 210AM
6703M	MB3313AM
67043BF	TW 209AM
6704M	MB 347AM
6706M	MB3304AM
6707M	MB 434AM
67271BF	TW 225AM
67277BF	TW 226AM
67332AF	TW 230AM
67333AF	TW 234AM
67341AF	TW 110AM
6734M	MB 767AM
67356AF	TW 228AM
6750M	MB3310AM
6758M	MB 768AM

FEDERAL MOGUL	KING NO
6763M	MB 778AM
6765M	MB 359AM
6767M	MB 534AM
6768M	MB 551AM
6770M	MB 547AM
6772M	MB3312AM
6773M	MB 348AM
6774M	MB 596AM
6775M	MB 549AM
6777M	MB 764AM
6779M	MB 553AM
6780M	MB3305AM
6781M	MB 597AM
6782M	MB 580AM
6783M	MB 587AM
6785M	MB 429AM
6786M	MB 552AM
6788M	MB3311AM
6788M~	MB3311SI
6789M	MB 578AM
6790M	MB 473AM
6791M	MB3331AM
6791M~	MB3331SI
6792M	MB5168AM
6792M	MB5168AM
6796M	MB3324AM
6796M	MB3346AM
6797M	MB5510AM
6799M	MB 535AM
6800M	MB 505AM
6-8050CP	CR6704CP
6-8055CP	CR6705CP
68092AF	TW 136AM
6-8110CP	CR 627CP
6-8115CP	CR 628CP
68156BF	TW2009AM
6818M	MB 593AM
6830M	MB 508AM
6831M	MB5520AM
6834M	MB5070AM
6838M	MB5566AM
6-9560CPA	CR 602AM
697M	MB 410AM
6-9845CP	CR 607AM
7011M	MB 459SI
7012M	MB5529AM
7021M	MB5583AM
7022M	MB5235AM
7023M	MB5569AM
7024M	MB7047CP
7026M	MB 544AM
7027M	MB7039AM
7029M	MB 770AM
7031M	MB5553AM
7032M	MB 734CP
7033M	MB7005CP
7035M	MB5168AM
7041M~	MB5168AM
7044M	MB5182AM
7046M	MB5522CP
7047M	MB5557SI
7050M	MB 463SI
7053M	MB7002AM
7054M	MB5590SI
7071M	MB5159AM
7080M	MB7370AM
7081M	MB5074CP
7083M	MB5561AM
7084M	MB5210AM
7086M	MB4052AM
7086MA	MB4052SI
7090M	MB 458AM
7094M	MB5157AM
7095M	MB5556AM
7096M	MB5095AM

FEDERAL MOGUL	KING NO
7097M	MB5077AM
7099~	MB4008AM
7099M	MB 453AM
7102M	MB5568AM
7103M	MB5168AM
7105M	MB5060AM
7106M	MB7713CP
7108M	MB5179AM
7112M	MB5296AM
7114M	MB 465AM
7116M	MB5564AM
7122M	MB5213AM
7122M10	MB5213AM 010
7127M	MB5132AM
7135M	MB5229AM
7136M	MB7732AM
7137M	MB5231AM
7138M	MB 549AM
7139M	MB5233AM
7140M	MB 474AM
7141M	MB5219SI
7142M	MB 580AM
7143M	MB 547AM
7144M	MB 480SI
7145M	MB 429AM
7147M	MB3312AM
7148M	MB 506AM
7150M10	MB 483AM
7151M10	MB5196AM
7152M	MB5205AM
7153M10	MB7726AM
7154M10	MB5190AM
7156M10	MB5187AM
7157M	MB 486AM
7159M	MB 498AM
7161M	MB 468AM
7162M	MB4005AM
7175M	MB5180AM
7182M	MB7043CP
7192M	MB5011AM
7193M	MB5008AM
7193MA	MB5008SI
7196M	MB5262AM
7199M	MB3334AM
7200M	MB5576AM
7201M	MB5542AM
7204M	MB5304AM
7206M	MB5007AM
7206MA	MB5007SI
7207M	MB5537AM
7208M	MB5587AM
7210M	MB5230AM
7211M	MB7719SI
7212M~	MB5226AM
7214M	MB 738AM
7216M	MB7009SI
7217M	MB5148SI
7218M	MB5519AM
7219M10	MB5600CP 010
7225M	MB5035AM
7231M ~	MB5297AM
7235M	MB5078SI
7236M	MB5038AM
7242M	MB4080AM
7242MA	MB4080SI
7243M	MB 491AM
7244M	MB 486AM
7245M	MB4023SI
7247M	MB5030AM
7249M	MB5029CP
7250M	MB 372SI
7251M	MB5006SI
7252M	MB5004CP
7253M	MB 607SI
7255M	MB5036AM

FEDERAL MOGUL	KING NO
7257M	MB5373AM
7259M	MB7117CP
7261M	MB4012AM
7262M	MB4056AM
7262MA	MB4056SI
7266M	MB5009AM
7269M10	MB 499AM
7270M	MB5257SI
7271M.25MM	MB5258CP0.25
7273M	MB5105AM
7277M	MB4018SI
7278M	MB4060SI
7284M	MB5128AM
7285M	MB5245AM
7287M	MB4007AM
7288M	MB4017SI
7289M	MB5281SI
7289M ~	MB5281AM
7291M	MB5278AM
7292M	MB5353SI
7292M ~	MB5353AM
7292MA.25X2	MB5434SI
7295M	MB4034AM
7295MA	MB4034SI
7296M	MB5280SI
7296M ~	MB5280AM
7297M	MB 621AM
7297MA	MB 621SI
7298M	MB5293AM
7298MA	MB5293SI
7304M	MB7089AM
7313M	MB5270AM
7314M	MB7721AM
7315M	MB5117AM
7316M	MB 606AM
7319MA	MB5371SI
7320M	MB5586AM
7321M	MB5367SI
7322M	MB 495AM
7323M	MB4080SI
7324M	MB5259AM
7325M	MB5263CP
7327M	MB5065AM
7328M	MB5052AM
7329M	MB5183AM
7330M	MB5288AM
7332M	MB5412SI
7337M	MB5079AM
7344M	MB7118CP
7347M	MB 496AM
7348M	MB5209AM
7348M ~	MB5177AM
7351M	MB4040AM
7351M~	MB4040SI
7352MA	MB5284SI
7354M	MB5287AM
7355M	MB4016AM
7356M	MB5176AM
7361M	MB5171AM
7362M	MB5234AM
7366M	MB5286CP
7368M ~	MB4069SI
7369M	MB5088SI
7375M	MB5243AM
7379M	MB 629SI
7380MA	MB 452SI
7382M	MB4074AM
7382MA	MB4074SI
7385M	MB4103SI
7386MA	MB4102SI
7391M	MB5089AM
7405M	MB4011AM
7408M	MB4010AM
7411MA	MB5442SI
7415M	MB5315AM

FEDERAL MOGUL	KING NO
7416M	MB 624XA
7419M	MB5659SI
7421M	MB5413SI
7431M	MB5646SI
7447M	MB5394AM
8060M	MB 550CP
8065M	MB7012CP
8070M	MB5538CP
8075M	MB7013CP
8131M	MB7036AM
8135M	MB7035CP
8142M	MB 594AM
8148M	MB5033CP
8-1555CPA	CR 815CP
8-1685CP	CR 877CP
8-1800CP	CR 866AM
8-1840RA	CR 842AM
8-1985A	CR 868AM
8-1985A ~	CR 868SI
8-1985AX2	CR 881SI
8-1985AX2 ~	CR 881AM
8-2000CPA	CR 810AM
8-2010SB	CR 802AM
8-2020CP	CR 803AM
8-2130CP	CR 805AM
8-2130CP ~	CR 805SI
8-2235SB	CR 844AM
8-2305CP	CR 826AM
8-2320CAP	CR 806CP
8-2320CP	CR 806AM
8-2410	CR 827CP
8-2410CP	CR 827CP
8-2500RAA	CR 811SI
8-2555AP	CR 807AM
8-2555AP ~	CR 807SI
8-2555AX2	CR 865AM
8-2555AX2	CR 865SI
8-2600A	CR 804SI
8-2600A~	CR 804AM
8-2600AX2	CR 871SI
8-2600RAX2	CR 871AM
8-2615CPA	CR 879CP
8-3045APA	CR 817AM
8-3190AP	CR 808AM
8-3190AP ~	CR 808SI
8-3230CP	CR 809AM
8-3310RAA	CR 818SI
8-3360	CR 816AM
8-3360 ~	CR 816SI
8-3360CPA	CR 816CP
8-3380CP ~	CR 814SI
8-3380X2	CR 872SI
8-3385CP	CR 859AM
8-3400	CR 813AM
8-3400 ~	CR 813SI
8-3400CP	CR 813CP
8-3595CP	CR 830CP
8-3595CPA	CR8004CP
8-3730CP	CR 828CP
8-3810CP	CR 829CP
8-3810CPA	CR 887CP
8-3860AP	CR 873CP
8-3870RA	CR 819CP
8-4785P	CR 888CP
8-4825A	CR8003SI
8-4835A	CR8030SI
8-4835AX2	CR8031SI
8-4960P	CR8032CP
8645SB	CR 883AM
8-66750CP	CR 841CP
8-7000RA	CR 823AM
8-7065CH	CR 803XPN
8-7065CH~	CR 803HPN
8-7065CHA	CR 852HP
8-7100CH	CR 807XPN

FEDERAL MOGUL	KING NO
8-7100CH~	CR 807HPN
8-7100CHA	CR 807XPND
8-7100CHA~	CR 807HPND
8-7125CH	CR 805XPN
8-7135CH	CR 806XPND
8-7135CH~	CR 806HPND
8-7155CH	CR 814XPN
8-7160CH	CR 804HPN
8-7185CH	CR 874HP
8-7200CH	CR 808XPN
8-7200CH~	CR 808HPN
8-7200CHA	CR 808XPND
8-7200CHA~	CR 808HPND
8-7250CH	CR 868XPN
8-7250CH~	CR 868HPN
8-8000RA	CR 812AM
884M	MB 583AM
9570SB	CR 182AM
960M	MB 404AM
F466694Y	PB 153CP

FM de Mexico to

KING

FM de Mexico	KING NO
4042M	MB 558AM
4042M~	MB 558SI
4-4895A	CR4378SI
4-67020CP	CR4424AM
6624M	MB 506AM
6776M	MB3305AM
6919M	MB5070AM
7123M	MB5519AM
7234M	MB5373AM
7403MA	MB5641SI

GLACIER to KING

GLACIER	KING NO
M4281AL	MB4037CP
M7396LB	MB7716CP
W2411L	TW2002AM
~B4555LC	CR4003AM
B1017M	CR 115AM
B1022M/LC	CR 102BP
B1041LC	CR 130AM
B1041LC	CR 130CP
B1042M	CR 116BB
B1064SA	CR 103CP
B1068SA	CR 188AM
B1069LC	CR 118AM
B1073LC	CR 186AM
B1076SA	CR 169AM
B1077LC	CR 135CP
B1080LC	CR 196AM
B1080LC	CR 304AM
B1080LCx6	CR 693AM
B1081LC	CR1217AM
B1082LC	CR 129AM
B1082LC	CR 187AM
B1110LB(8)	CR 875CP
B1126	CR1211CP
B1126LB(8)	CR 876CP
B1127LC	CR1205CP
B1130LC	CR1232CP
B1131LB	CR 155CP
B1131LB	CR4031CP
B1132LB	CR1213CP
B1133LB	CR1214CP
B1134LB	CR1016AM
B1137LB(8)	CR 860CP
B1143LB	CR1208CP
B1144SA	CR1295CP
B1145SA	CR1207AM
B1146SA	CR1206AM
B1148SA	CR1278AM
B1149	CR1212CP
B1149LB(8)	CR 877CP
B1150LB	CR 131CP
B1155LB	CR1015AM
B1159LC	CR1234CP
B1165LC	CR1233CP
B12006LC	CR1203CP
B2021SA	CR 218AM
B2025M	CR 203AM
B2042LC	CR 215CP
B2049LC	CR 217CP
B2094LB	CR 216CP
B2094LC	CR 216AM
B2101LC	CR 202AM
B2112LB	CR 204AM
B3017SA	CR 310AM
B3022SA	CR 301AM
B3045SA	CR 319AM
B3047SA	CR 302AM
B3049SA	CR 313AM
B3051LB	CR 325CP
B3059SA	CR 306AM
B3061SA	CR 314AM
B3062SA	CR 324AM
B3063SA	CR 323AM
B3064LC	CR 307AM
B3069SA	CR 309AM
B3072LC	CR 321AM
B3279LC	MB 212CP
B410003	CR4305AM
B4122LB	CR4083CP
B4144M	CR4039AM
B4149LC	CR4036AM
B4151LC	CR 458AM
B4158M	CR4022AM
B4162M	CR4199AM
B4165M	CR4206AM

GLACIER	KING NO
B4166	CR4188CP
B4168M	CR4035AM
B4171LC	CR4058AM
B4174SA	CR 459AM
B4205SA	CR4221AM
B4207M	CR4143AM
B4221LC	CR 453CP
B4222M	CR 425AM
B4227M	CR4167AM
B4228LC	CR4225CP
B4234M	CR 401AM
B4241M	CR 403AM
B4243SA	CR4268AM
B4250SA	CR 451AM
B4253SA	CR4491AM
B4261M	CR4029AM
B4297SA	CR4038AM
B4302SA	CR 417AM
B4309SA	CR 454AM
B4313SA	CR4045AM
B4319SA	CR 416AM
B4324LC	CR4401CP
B4324SA	CR4401AM
B4325SA	CR 456AM
B4331SA	CR 438AM
B4342SA	CR4415AM
B4355SA	CR 410AM
B4357SA	CR 420AM
B4369SA	CR 431AM
B4373SA	CR 422AM
B4374SA	CR 430AM
B4393SA	CR 435AM
B4402SA	CR4490AM
B4405LC	CR4406AM
B4406SA	CR 404AM
B4407LC	CR 441AM
B4410SA	CR 457AM
B4412SA	CR 468AM
B4414LC	CR 423AM
B4415SA	CR 444AM
B4417SA	CR4323CP
B4420SA	CR4423AM
B4421LC	CR4037AM
B4422SA	CR 434AM
B4423SA	CR 446AM
B4424SA	CR 462AM
B4427SA	CR4424AM
B4429SA	CR4181AM
B4431SA	CR4409AM
B4433SA	CR4410AM
B4434SA	CR4284AM
B4436M	CR 402AM
B4437SA	CR 419AM
B4438LC	CR 464CP
B4438SA	CR 464AM
B4443SA	CR4421AM
B4449SA	CR4418AM
B4451SA	CR 432AM
B4451SA	CR 432SI
B4454SA	CR4452AM
B4457SB	CR 449AM
B4460SA	CR4402AM
B4462SA	CR 414AM
B4463SA	CR4448AM
B4466SA	CR4412AM
B4468SA	CR4439AM
B4470SA	CR4425AM
B4480LC	CR 467CP
B4482SA	CR4413AM
B4484SA	CR4441AM
B4486SA	CR4419AM
B4490SA	CR4465AM
B4491SA	CR4431AM
B4493SA	CR4442AM

GLACIER	KING NO
B4494SA	CR4132AM
B4496SA	CR4141SI
B4496SA	CR4434AM
B4499SA	CR4446AM
B4500SA	CR4011AM
B4501SA	CR4429AM
B4502SA	CR4449AM
B4503SA	CR4044AM
B4506SA	CR4438AM
B4507SA	CR4432AM
B4508SA	CR4426AM
B4509SA	CR4440AM
B4511SA	CR 448AM
B4512LC	CR4403AM
B4514LC	CR 412AM
B4516LC	CR4433AM
B4519SA	CR4499AM
B4520LC	CR 443CP
B4520SA	CR 443AM
B4523SA	CR4430AM
B4524SA	CR4007AM
B4525LC	CR4428AM
B4528LC	CR 472AM
B4531M	CR4427AM
B4534SA	CR 473AM
B4535SA	CR4473AM
B4538SA	CR 411AM
B4543SA	CR4481AM
B4544LC	CR4447AM
B4547LC	CR4436AM
B4548SA	CR4485AM
B4549SA	CR4437AM
B4550SA	CR4461AM
B4551SA	CR4460AM
B4553SA	CR4443AM
B4555LC	CR4003CP
B4557LC	CR4047CP
B4558SA	CR4493AM
B4559SA	CR4466AM
B4560LC	CR 471CP
B4561LC	CR4451AM
B4562SA	CR4077AM
B4564SA	CR4474AM
B4566SA	CR4453AM
B4567SA	CR 408AM
B4568SA	CR 474SI
B4571SA	CR4475AM
B4573SA	CR4129AM
B4579LC	CR 409CP
B4580LC	CR4492AM
B4581SA	CR4060AM
B4584SA	CR4064AM
B4586SA	CR4420AM
B4591SA	CR4462AM
B4592SA	CR4463AM
B4593LB/SA	CR4155AM
B4595SA	CR4272AM
B4597LC	CR4043CP
B4598SA	CR4496AM
B4599SA	CR4411AM
B4600SA	CR4099AM
B4601SA	CR4147AM
B4602SA	CR4159AM
B4603SA	CR4137AM
B4604SA	CR4483AM
B4607LC	CR4085AM
B4608SA	CR4473AM
B4609SA	CR4497AM
B4610SA	CR4088AM
B4613SA	CR4495AM
B4614LC	CR4185AM
B4615SA	CR4016AM
B4616LC	CR 407AM
B4617SA	CR4498AM

GLACIER	KING NO
B4618SA	CR4158AM
B4621SA	CR 413AM
B4622LB/B4693LB	CR4104AM
B4625LC/B4778LC	CR 426AM
B4627SA	CR4015AM
B4628SA	CR4106AM
B4631SA	CR4057AM
B4632	CR4093AM
B4633SA	CR 405AM
B4635SA	CR4078AM
B4639	CR4001AM
B4641SA	CR4140AM
B4643SA	CR4006AM
B4644SA	CR4075AM
B4646SA	CR4052AM
B4649LC	CR4239CP
B4650	CR4295AM
B4651LC	CR4186CP
B4655SA	CR4489AM
B4658LC	CR 440CP
B4661SA	CR4018AM
B4663SA	CR4050AM
B4664SA	CR4008AM
B4664SA	CR4141SI
B4665LC	CR 445CP
B4667AL	CR4405AM
B4673LC	CR4017AM
B4674SA	CR4229AM
B4675SA	CR4028AM
B4676SA	CR 429AM
B4677SA	CR4005AM
B4678	CR4102AM
B4679SA	CR 418AM
B4680SA	CR4019AM
B4681SA	CR4122AM
B4682SA	CR4040AM
B4684LC	CR4210AM
B4685LC	CR4025AM
B4688SA	CR4071SI
B4689	CR4020AM
B4690LB	CR4048CP
B4691LB	CR4345CA
B4691SA	CR4062AM
B4692SA	CR4168AM
B4695LB	CR4133AM
B4704	CR4127AM
B4705SA	CR4128AM
B4714LC	CR4144CP
B4717	CR4269AM
B4719LC/B4464SA	CR4082AM
B4720LC	CR4467CP
B4721LB	CR4073CP
B4723SA	CR4306AM
B4724SA	CR4198AM
B4725SA	CR4220AM
B4726SA	CR4170AM
B4727SA	CR4173AM
B4728SA	CR4175AM
B4729SA	CR4232AM
B4732SA	CR4171AM
B4733SA	CR4273AM
B4734SA	CR4174AM
B4735LB	CR4013AM
B4741	CR4264CP
B4742LB	CR4095SI
B4742LB	CR4292CP
B4743LB	CR 437CP
B4743SA	CR 437AM
B4744LC	CR4021AM
B4744LC	CR4021SI
B4747LB	CR4042AM
B4748	CR4152AM
B4750SA	CR4190AM
B4751SA	CR4189AM
B4753SA	CR4205AM
B4754SA	CR4187AM
B4755SA	CR4215AM

GLACIER	KING NO
B4757	CR4445AM
B4758SA	CR4053AM
B4759	CR4258AM
B4760LC	CR4139AM
B4761LC	CR4046AM
B4762LC	CR4033AM
B4763	CR4495AM
B4764SA	CR4002AM
B4765	CR4096AM
B4767LC	CR4202CP
B4771LC	CR4162CP
B4774SA	CR4207SI
B4774SA	CR4207XA
B4776	CR4301AM
B4777LC	CR 439AM
B4779	CR4136AM
B4780	CR4150AM
B4780	CR4150SI
B4782SA	CR4056AM
B4784	CR4228CP
B4785SA	CR4243AM
B4786LC	CR4237CP
B4787SA	CR4141AM
B4787SA	CR4141SI
B4789SA	CR4226AM
B4790SA	CR4224AM
B4792SA	CR 474SI
B4793LC	CR4049AM
B4794SA	CR4130AM
B4795LC	CR4032CP
B4795LC	CR4032SI
B4796SA	CR4134AM
B4797SA	CR4231AM
B4798SA	CR4219AM
B4799LC	CR4209CP
B4800	CR4257AM
B4801SA	CR4027AM
B4802SA	CR4004AM
B4803LC	CR4074AM
B4804	CR4261AM
B4805SD	CR4176CP
B4807SA	CR4178SI
B4810LC	CR 442CP
B4811SA	CR4055AM
B4811SA	CR4141SI
B4812SA	CR4119AM
B4813SA	CR4230AM
B4814	CR4020AM
B4816LC	CR4238CP
B4817LB	CR4131CP
B4817SA	CR4131AM
B4818	CR4207SI
B4818	CR4207XA
B4819	CR4241AM
B4821	CR4260AM
B4822	CR4259AM
B4835SA	CR4216AM
B4845SA	CR4236AM
B4849NI	CR4307AM
B4906SA	CR4488AM
B4909SA	CR 450AM
B5006SA	CR 503AM
B5008LC	CR 504CP
B5010LB/B5015LB	CR 505AM
B5010LB~	CR 502AM
B5011SA	CR 501AM
B5014SA	CR 506AM
B5018LB	CR 502CP
B6045M	CR 603AM
B6060SA	CR 669AM
B6084LC	CR 662SI
B6165SA	CR 610AM
B6170SA	CR6620AM
B6213LC	CR6659CP
B6216LC	CR 698MP
B6218SA	CR 617CP
B6223	CR6760CP

GLACIER	KING NO
B6256LC	CR6631CP
B6270LC	CR6623AM
B6283SA	CR 647AM
B6289SA	CR 654AM
B6291SA	CR 655AM
B6292LC	CR 683CP
B6301SA	CR 618AM
B6305M	CR 614AM
B6308LC	CR 680CP
B6336LC	CR 602AM
B6341LC	CR 673CP
B6341SA	CR 673AM
B6352LC	CR6660AM
B6354SA	CR 619AM
B6365L	CR6729CP
B6382LC	CR 657CP
B6386SA	CR 624AM
B6387SA	CR 653AM
B6388LC	CR 666CP
B6389SA	CR 630CP
B6390LC	CR 690CP
B6391M	CR 606AM
B6392M	CR 615AM
B6405SA	CR 642SI
B6408SA	CR6608AM
B6409SA	CR6601AM
B6419SA	CR 641SI
B6420SB	CR 646AM
B6425SA	CR 685AM
B6427LC	CR6707CP
B6428SA	CR 652AM
B6429SA	CR 651AM
B6430LC	CR 676CP
B6433SA	CR 625AM
B6437SA	CR 679AM
B6438SA	CR 643AM
B6440LC	CR 343CP
B6440LC	CR 674CP
B6441LC	CR 696AM
B6445SA	CR6626AM
B6454LC	CR6610AM
B6455SA	CR 640AM
B6455SA ~	CR 640SI
B6458LB	CR6657CP
B6460LC	CR6609AM
B6467LC	CR6602CP
B6468LC	CR6603CP
B6469LB	CR6691CP
B6470LB/B6471LB	CR 652CP
B6473SA	CR6604AM
B6488LC	CR6607AM
B6489SA	CR6605AM
B6491SA	CR6606AM
B6494LC	CR 675SI
B6495LC	CR6654CP
B6496SA	CR 682AM
B6497LC	CR 604AM
B6502LC	CR6612AM
B6505LC	CR 681CP
B6509LC	CR 699CP
B6513LC	CR 649AM
B6515SA	CR6708AM
B6516SA	CR6719AM
B6517LB	CR6687CP
B6519LC	CR6621CP
B6522LC	CR 613AM
B6523LB	CR6763CP
B6524LC	CR6658CP
B6525LC	CR 692AM
B6527LC	CR 670CP
B6530	CR6783CP
B6536LB	CR6724CP
B6537LC	CR6639CP
B6545LC	CR 697CP
B6545SA	CR 697AM
B6546LC	CR 611AM
B6550LB	CR6689CP

GLACIER	KING NO
B6561LB	CR6656CP
B6562LB	CR6652CP
B6566LC	CR6665AM
B6573SA	CR 632AM
B6577LC	CR6746CP
B6578LC	CR6739CP
B6579SA	CR6744AM
B6579SA	CR6744CP
B6580/B6533LC	CR 667CP
B6581LC	CR 664CP
B6586SA	CR6627AM
B6587LC	CR6723CP
B6588LC	CR6651AM
B6589SA	CR 616AM
B6590LC	CR 665CP
B6591LB	CR6674CP
B6592LC	CR6733CP
B6598LC	CR6713CP
B6599LC	CR6714CP
B6600LC	CR6624AM
B6604LB	CR6688CP
B6605LB	CR6690CP
B6606LB	CR6692CP
B6607LB	CR6633CP
B6609LB	CR6640CP
B6609SA	CR6640AM
B6613LB	CR6630CP
B6614LC	CR 660CP
B6615LB	CR6730CP
B6620LC	CR 635CP
B6622LC	CR 661CP
B6623LC	CR 663CP
B6624SA	CR6809CP
B6625LB	CR6726CP
B6626LB	CR6721CP
B6630LB	CR 659CP
B6631LB	CR 627CP
B6632LB	CR6749CP
B6633LB	CR 658CP
B6635	CR6756CP
B6636LB	CR6671CP
B6638LB	CR 628CP
B6639	CR6718AM
B6640LC	CR 629CP
B6642LC	CR6741CP
B6643LC	CR6738AM
B6644LC	CR6742CP
B6645	CR6785CP
B6646LC	CR6740CP
B6647LC	CR 636CP
B6648SA	CR6728AM
B6649LC	CR6698CP
B6650LC	CR6737CP
B6651LC	CR6743CP
B6653	CR6784CP
B6654SA	CR6696AM
B6656LC	CR6725CP
B6657LC	CR 637CP
B6658	CR6629AM
B6659SA	CR6676SI
B6660LC	CR 623AM
B6661LC	CR 626AM
B6662SA	CR6695AM
B6663	CR6771AM
B6664	CR6772AM
B6665SA	CR 639AM
B6668LC	CR6745CP
B6669	CR6679CP
B6669SA	CR6679AM
B6670	CR6716AM
B6671	CR6655AM
B6678	CR6715AM
B8019SA	CR 810AM
B8031SA	CR 803AM
B8081LC	CR 821AM
B8087SA	CR 812AM
B8088SA	CR 804AM

GLACIER	KING NO
B8088SA ~	CR 804SI
B8089SA	CR 811SI
B8091SA	CR 809AM
B8091SA	CR 809AM
B8097SA	CR 822AM
B8100SA	CR 823AM
B8102LC	CR 807AM
B8102LC ~	CR 807SI
B8113LB	CR 841CP
B8114LC	CR 886CP
B8121LC	CR 885CP
C3023S	CS 304BB
C3032S	CS 312BB
C3037S	CS 301BB
C3037S	CS 332BB
C3046S	CS 319BB
C3051S	CS 316BB
C3056SA	CS 317BB
C3057S	CS 310BB
C3059S	CS 311BB
C3061S	CS 307BB
C3063S	CS 320BB
C3064S	CS 305BB
C3068S	CS 308BB
C3069S	CS 314BB
C3073SA	CS 313BB
C3081S	CS 309BB
C3087S	CS 315BB
C3093S	CS 302AM
C3108SA	CS3306AM
C4044S	CS 411BB
C4061S	CS 401BB
C4070SA	CS 402BB
C4072S	CS 410BB
C4075S/L	CS 409BB
C4077S	CS 408BB
C4078S	CS 233BB
C4082S	CS 412BB
C4083S/L	CS 413BB
C4090SA	CS 405BB
C4095S	CS 407BB
C5053S	CS 502BB
C5058S	CS 504BB
C5059S/L	CS 505BB
C6005S/L	CS 601BB
C628522	CR4283CP
C8000M	CS 801AM
GS 1734	MB 117CP
GS 1735	MB 116CP
GS 1736	MB 115CP
GS1108L	CR 134CP
GS119S	CS 104F
GS124SB 0.25	IM0045AM0.25
GS124SB STD	IM0045AM
GS1477SA	MB 157AM
GS1508LC	CR 127CP
GS158LC	CR 133CP
GS1591LC	MB 105CP
GS159LC	MB 120CP
GS159LC	MB 121CP
GS1627SA	MB 151AM
GS1855LC	MB 109AM
GS2096SA	MB 168AM
GS2366S	MB1115CP
GS2469SA	MB 110AM
GS2652SA	MB 111AM
GS2826SA	MB 127AM
GS2876SA	MB 112AM
GS2877SA	MB 113AM
GS2878SA	CR 125AM
GS2964/5LB(4)	MB4038CP
GS2964/5LB(5)	MB5064CP
GS2964/5LB(6)	MB 613CP
GS2964/5LB(7)	MB7033CP
GS2966LB	CR1222CP
GS2971L	PB 104CP
GS70351SA	MB5211AM

GLACIER	KING NO
GS70352SA	CR4124AM
GS752SA	MB 148AM
GS753SA	MB 149AM
GS754SA	CR 189AM
GS7643S	CS 101BB
GS7999M	MB 125AM
GS8558LC	MB 126CP
GS9173SA/B	IM0082AM
GS9173SA/T	IM0081AM
GS9719SA	MB 101CP
GS9998SA	MB 156AM
J2001L	CS 201F
M1008LC	MB 122CP
M1009LC	MB 123CP
M1010SA	MB 137AM
M1011SA	MB 138AM
M1012SA	MB 139AM
M1013LB	MB 152AM
M1014LB	MB 153AM
M1015LC	MB 114AM
M1016LC	MB 118AM
M1068/67LB(5)	MB5001CP
M1073LB	MB 147CP
M1074SA	IF0070AM
M1075SA	IF0072AM
M1082SA	MB1133AM
M1087SA	MB1130AM
M1091LB	MB 177CP
M1093SA	MB1131AM
M1095LB	MB 178CP
M1100SA	MB1182AM
M1102SA	MB1129AM
M1103LB	MB1019AM
M1106LB	MB 192CP
M1107SA	MB1214CP
M1117SA	IF0071AM
M1118SA	IF0073AM
M2017M	MB 209CP
M2041M	MB 204AM
M2047M/LC	MB 206CP
M2047M/LC	MB 206CP
M2049M/LC	MB 206CP
M2057M	MB 205AM
M2102SA	MB 207AM
M2104LC	MB 210CP
M3029	MB 376CP
M3046S	MB3326AM
M3050S/LC	MB 327AM
M3153LC	MB3332AM
M3157M	MB 312AM
M3158LC	MB 363CP
M3158LC	MB3355CP
M3160	MB 308AM
M3162M	MB3328AM
M3168S	MB 369AM
M3174SA	MB 300AM
M3182M	MB 367AM
M3186SA	MB 364AM
M3189LC	MB 355AM
M3196M	MB 329AM
M3196M	MB 329AM
M3202SA	MB3322AM
M3204LC	MB 316CP
M3220M	MB3316AM
M3241M	MB3327AM
M3253SA	MB3333AM
M3263M	MB 319AM
M3267S	MB 357AM
M3274SA	MB 307AM
M3274SA O/S	MB3070AM
M3275LC	MB 344CP
M3275SA	MB 344AM
M3282SA	MB 311AM
M3295LC~	MB3354AM
M3297SA	MB 347AM
M3314LC	MB 321AM
M3315M	MB 331AM

GLACIER	KING NO
M3316LC	MB 345AM
M3320SA	MB 310AM
M3321M/SA	MB 318AM
M3323SA	MB 362AM
M3327SA	MB 335AM
M3328SA	MB 334AM
M3337SA	MB 328AM
M3344M	MB3338AM
M3346SA	MB3349CP
M3349SA	MB 354AM
M3350SA	MB 333AM
M3353SA	MB 339AM
M3357SB	MB3315AM
M3357SB O/S	MB3335AM
M3361S	MB 309AM
M3362LC	MB 317CP
M3366SA	MB 325AM
M3368SA	MB3323AM
M3375SA	MB3310AM
M3379SA	MB 326AM
M3380SA	MB3309AM
M3381SA	MB3304AM
M3385SA	MB 341AM
M3387SA	MB3306AM
M3388SA	MB 348AM
M3389LC	MB 359AM
M3394SA	MB3319AM
M3397SA	MB 324AM
M3399SA	MB3311AM
M3399SA~	MB3311SI
M3401LC	MB3307AM
M3402SA	MB3305AM
M3404LC	MB3312AM
M3412SB	MB3320AM
M3412SB O/S	MB3329AM
M3423SA	MB3331AM
M3423SA~	MB3331SI
M3424SA	MB 313AM
M3425SA	MB3324AM
M3427SA	MB 305AM
M3428SA	MB 322AM
M3439SA	MB 361AM
M3440LC	MB3301AM
M3442SB	MB3330AM
M3443SA	MB3334AM
M3448SA	MB3347AM
M3449SA	MB 378AM
M4030	MB 422AM
M4056LC	MB 451AM
M4112M	MB 433AM
M4123	MB 423CP
M4152M	MB 457AM
M4154M	MB 414AM
M4161LC	MB 460CP
M4162SA	MB 476AM
M4165SA	MB 440AM
M4174SA	MB 408CP
M4179M	MB 404BB
M4187M/SA	MB 413AM
M4191LC	MB 477AM
M4213M	MB 411AM
M4216LC	MB4033CP
M4218SA	MB 419AM
M4219SA	MB 499AM
M4220LC	MB 475CP
M4224SB	MB 420AM
M4224SB O/S	MB4200AM
M4225SA	MB 462AM
M4227LC	MB4048CP
M4228M	MB 407AM
M4229SA	MB 432AM
M4242SA	MB 434AM
M4249SA	MB 429AM
M4251SA	MB4035AM
M4252LC	MB 415AM
M4256SA	MB 431AM
M4256SA	MB 431SI

GLACIER	KING NO
M4260SA	MB 435AM
M4260SA	MB 435SI
M4261SA	MB 416AM
M4263LC	MB 473AM
M4264SA	MB4042AM
M4268SA	MB4015AM
M4269SA	MB 468AM
M4269SA	MB4023SI
M4271LC	MB 454AM
M4272LC	MB 490AM
M4275SA	MB4101SI
M4278LB	MB 437AM
M4281AL	MB4037AM
M4282SA	MB4043AM
M4283LC	MB4007AM
M4285SA	MB4044AM
M4289	MB 458AM
M4291SA	MB 453AM
M4293LC	MB 461CP
M4293SA	MB 461AM
M4294	MB 474AM
M5062SA	MB5323AM
M5070SA	MB 583AM
M5089SA	MB 501AM
M5089SA O/S	MB5010AM
M5100LC/SB	MB 554AM
M5133SA	MB5000AM
M5149SA	MB5577AM
M5169SA	MB 511AM
M5195SA	MB 512AM
M5195SA O/S	MB5120AM
M5205SA	MB 516AM
M5207SA	MB 520AM
M5212SA	MB 519AM
M5216	MB5339AM
M5220SA	MB 515AM
M5221LC	MB 523AM
M5222LC	MB5051CP
M5224SA	MB 530AM
M5226SA	MB 561AM
M5227M	MB 525AM
M5231LC	MB 502AM
M5232SA	MB5575AM
M5234SA	MB 504AM
M5237SA	MB5509AM
M5238SA	MB 533AM
M5239SA	MB5133AM
M5241SA	MB 527AM
M5246SA	MB5307AM
M5250SA	MB5572AM
M5251	MB 529CP
M5251SA	MB 529AM
M5251SA ~	MB 529SI
M5256SA	MB 526AM
M5259SA	MB 571AM
M5260SA	MB 589AM
M5261SA	MB 559AM
M5267SA	MB 575AM
M5269SA	MB 534AM
M5270SA	MB 540AM
M5272SA	MB 551AM
M5273SA	MB 541AM
M5274SA	MB 560AM
M5278SA	MB 537AM
M5279M	MB 505AM
M5280SA	MB 545AM
M5280SA O/S	MB5450AM
M5282SA	MB 548AM
M5282SA O/S	MB5480AM
M5283SA	MB5567AM
M5285LC/M5534LC	MB 508AM
M5286LC	MB 539AM
M5287SA	MB 518AM
M5288SA	MB5515AM
M5292SA	MB 536AM
M5301SA	MB5546AM
M5302LC	MB5541AM

GLACIER	KING NO
M5303SA	MB 543AM
M5307LC	MB5055AM
M5308SA	MB 542AM
M5309SA	MB5552AM
M5312SA	MB 591AM
M5316LC	MB 553AM
M5317SA	MB 572AM
M5318SA	MB5264AM
M5320SA	MB 578AM
M5323LC	MB 549AM
M5326LC	MB5553AM
M5329SA	MB 576AM
M5331LC	MB 585CP
M5332LC	MB 547AM
M5333SA	MB 594AM
M5334SA	MB 562AM
M5338LC	MB 557AM
M5338LC ~	MB 557SI
M5339LC	MB 552AM
M5340LC	MB5026AM
M5341SA	MB 597AM
M5342SA	MB 588AM
M5344LB	MB5571CP
M5350SA	MB5098AM
M5351LC	MB 580AM
M5353SA	MB 590AM
M5358LC	MB5506AM
M5361SA	MB5594AM
M5365LC	MB 587AM
M5371SA	MB5168AM
M5373SA	MB5507AM
M5376LC	MB5093AM
M5377AM O/S	MB5025AM
M5377SA	MB5513AM
M5378LC	MB 550CP
M5378SA	MB 550AM
M5379SA	MB5508AM
M5380SA	MB5519AM
M5381SA	MB5584AM
M5382SA	MB 593AM
M5383SA	MB5591AM
M5386SA	MB 531AM
M5387SA	MB5549AM
M5388	MB 547AM
M5389LB	MB5122CP
M5390SA	MB5080AM
M5393SA	MB5537AM
M5393SA ~	MB5510AM
M5394SA	MB5551AM
M5395LC	MB5232AM
M5397SA	MB5583AM
M5399LB	MB5582CP
M5401SA	MB5520AM
M5403SA	MB 535AM
M5406SA	MB5524AM
M5407LC	MB 546AM
M5407SA	MB5195AM0.75
M5408SA	MB5544AM
M5409SA	MB5588AM
M5410LC	MB 506AM
M5411LC	MB5144AM
M5412SA	MB5528AM
M5414SA	MB5132AM
M5416SA	MB5023AM
M5417SA	MB 522AM
M5418SA	MB5081AM
M5419SA	MB5129AM
M5421SA	MB5536AM
M5422LC	MB5157AM
M5424LC	MB5136AM
M5425LC	MB5300AM
M5426LC	MB5261CP
M5427LC	MB5267CP
M5432	MB5332CP
M5433	MB5057AM
M5434SA	MB5501AM
M5435SA	MB 577AM

GLACIER	KING NO
M5435SA	MB5647AM
M5437SA	MB5589AM
M5438LC	MB5251CP
M5439SA ~	MB 596AM
M5441LC	MB5579CP
M5444SA	MB5554AM
M5445SA	MB5559AM
M5446LC	MB5253CP
M5452LC	MB5003CP
M5461SA	MB5095AM
M5462SA	MB5563AM
M5463SA	MB 521AM
M5464LC	MB5527AM
M5465SA	MB5545AM
M5467SA	MB5145AM
M5468AL~	MB5538CP
M5468LC	MB5538CP
M5469SA	MB5180AM
M5471LB	MB 538CP
M5472LC	MB5159AM
M5474SB	MB5542AM
M5475SA	MB5032AM
M5476SA	MB5561AM
M5477SA	MB5569AM
M5478SA	MB5131AM
M5479SA	MB5576AM
M5482SA	MB5117AM
M5483LC	MB5556AM
M5485LB	MB5118CP
M5486SA	MB5592AM
M5489SA	MB5566AM
M5490SA	MB5578AM
M5491SA	MB5240AM
M5502SA	MB5235AM
M5503LC	MB5090CP
M5506SA	MB5529AM
M5507	MB5295AM
M5508	MB5296AM
M5509LC	MB5158AM
M5510SA	MB5182AM
M5511SA	MB 544AM
M5512SA	MB5094AM
M5513LB	MB5649CP
M5514SA	MB5037AM
M5515SA	MB5041AM
M5516SA	MB5037AM
M5517SA	MB5210AM
M5518SA	MB5436SI
M5519LB	MB5091CP
M5522SA	MB5028AM
M5523SA	MB5138AM
M5524SA	MB5027AM
M5525SA	MB5386AM
M5526SA	MB5070AM
M5527LB	MB5548AM
M5528LB	MB 581AM
M5533SA	MB5149AM
M5536SA	MB5248AM
M5538	MB5198CP
M5540LC	MB5558AM
M5540LC	MB5558SI
M5544SA	MB5079AM
M5547SA	MB5059AM
M5548SA	MB5077AM
M5550SA	MB5085AM
M5552SA	MB5056AM
M5553LC	MB5244AM
M5554LC	MB5568AM
M5555LC	MB5168AM
M5556SA	MB5304AM
M5557SA	MB5097AM
M5558SA	MB 524AM
M5559LC	MB5074CP
M5563LC	MB5029CP
M5566SA	MB5035AM
M5567SA	MB5038AM
M5567SA	MB5078SI

GLACIER	KING NO
M5570LC	MB5021AM
M5571LB	MB5373AM
M5571LB	MB5581AM
M5572	MB5243AM
M5573SA	MB5587AM
M5575LC	MB5252CP
M5579LC	MB5265CP
M5581SA	MB5060AM
M5583SA	MB5100AM
M5584LC	MB5157AM
M5592SA	MB5238AM
M5593	MB5008AM
M5593	MB5008SI
M5594SA	MB5241AM
M5595SA	MB5096AM
M5596SA	MB5089AM
M5597SA	MB5564AM
M5598SA	MB5540AM
M5599SA	MB5128AM
M5600SA	MB5036AM
M5601	MB5297AM
M5602SA	MB5586AM
M5603/M5545SA	MB5012AM
M5606SA	MB5266AM
M5610SA	MB5069AM
M5611	MB5078AM
M5611	MB5078SI
M5614	MB5277AM
M5616LB	MB5014CP
M5618SA	MB5086AM
M5627SA	MB5262AM
M5628	MB5062AM
M5634	MB5063AM
M5908SA	MB5254AM
M6043LC	MB 603CP
M6045SA	MB 609AM
M6046SA	MB 601AM
M6050SA	MB 606AM
M6052LC	MB 616CP
M6055SA	MB 602AM
M6056LB	MB 605AM
M7106SA	MB 725AM
M7118LC	MB 788CP
M7128SA	MB 704AM
M7128SA O/S	MB7040AM
M7156SA	MB 705AM
M7189SA	MB 727AM
M7196LC	MB 707CP
M7228SA	MB 703AM
M7229LC	MB 718CP
M7235SA	MB 752AM
M7235SA	MB 752SI
M7244LC	MB7022CP
M7252LB	MB7088CP
M7253M	MB 769AM
M7254SA	MB 761AM
M7255SA	MB 765AM
M7265LC	MB 720CP
M7265SA	MB 720AM
M7270LC	MB7021CP
M7271LC	MB 713CP
M7271SA	MB 713AM
M7274LC	MB 730CP
M7276SA	MB 701CP
M7279SA	MB 733AM
M7280SA	MB 762AM
M7281SA	MB 702CP
M7281SA	MB 702CP
M7282SA	MB 757AM
M7289SA	MB 789AM
M7290LC	MB 734CP
M7291LC	MB 735CP
M7292LB	MB7005CP
M7294LC	MB 771CP
M7300LC	MB 773AM
M7304LC	MB 775CP
M7305SA	MB 737AM

GLACIER	KING NO
M7305SA O/S	MB7370AM
M7307LC	MB 770AM
M7313LC	MB 766CP
M7314LB	MB7004CP
M7316LC	MB 701CP
M7322LC	MB 772CP
M7325SB	MB 792CP
M7331SA	MB 767AM
M7332LC	MB 768AM
M7334LB	MB7708CP
M7336SA	MB 738AM
M7337SA	MB 786AM
M7345LC	MB 736CP
M7348LC	MB 796CP
M7352LC	MB 764AM
M7355LC	MB 708CP
M7364LC	MB 778AM
M7367LC	MB 724CP
M7369SA	MB 760AM
M7369SA ~	MB 760SI
M7373LB	MB7061CP
M7374LB	MB7037CP
M7375LC	MB 797CP
M7377LC	MB7003CA
M7377SA	MB7002AM
M7382LB	MB7706CP
M7393SA	MB 776AM
M7394LB	MB7712CP
M7394LB	MB7712SI
M7401LC	MB 714CP
M7403LC	MB7026CP
M7404LC	MB7071CP
M7407LC	MB7713CP
M7408LC	MB7069CP
M7409LC	MB7070CP
M7410LC	MB7064CP
M7411AM	MB7073AM
M7411AM	MB7073CP
M7412LC	MB7075CP
M7415LC	MB7043CP
M7417SA	MB7050AM
M7418SA	MB7029AM
M7419LB	MB7731CP
M7429LC	MB7030CP
M7432LC	MB 728CP
M7434LB	MB7053CP
M7435LB	MB 798AM
M7436LB	MB7742CP
M7437SA	MB7721AM
M7438LB	MB7705CP
M7438LC	MB7068CP
M7444LB	MB7054CP
M7449LC	MB 711CP
M7452LC	MB 710CP
M7453LC	MB 712CP
M7454LB	MB7048CP
M7456LB	MB7047CP
M7458LB	MB7062CP
M7459SA	MB7035CP
M7460	MB7016CP
M7461LB	MB 780AM
M7462LB	MB7095CP
M7464LB	MB7001AM
M7467SA	MB7720AM
M7468A	MB7039AM
M7469SA	MB7036AM
M7470LC	MB 787AM
M7471LC	MB7057CP
M7472LC	MB7066CP
M7473LC	MB7067CP
M7474LC	MB 719CP
M7475LC	MB7006CP
M7476LC	MB7065CP
M7477	MB7104CP
M7480LC	MB7072CP
M7481SA	MB7058AM
M7484LC	MB 721CP

GLACIER	KING NO
M7486SA	MB7008AM
M7487SA	MB7051AM
M7488SA	MB7052AM
M7490LC	MB7074CP
M7492SA	MB7038AM
M7493	MB7028AM
M7495	MB7027AM
M7715LC	MB 713CP
MB5582SA	MB5176AM
MS-1528P	MB4014CP
MS-1528P	MB4014SI
S2502L	PB 102CP
S3514L	PB 168CP
S4539L	PB 169CP
S4575L	PB 128CP
S4578L	PB 122CP
S4595L	PB 124CP
S4616L	PB 127CP
S4635L	PB 201CP
S5457SL	PB 126CP
S6504BR	PB 112CP
S6556L	PB 129CP
S6572L	PB 123CP
S6577L	PB 125CP
S6581L	PB 107CP
W2004SA	TW 237AM
W2010SA	TW 204AM
W2044SA	TW 238AM
W2046SA	TW 127AM
W2051SA	TW 120AM
W2077L	TW 219AM
W2077L	TW 219CP
W2081SA	TW 106AM
W2082SA	TW 232AM
W2087SA	TW 186AM
W2091SA	TW 260AM
W2108L	TW 107AM
W2115SA	TW 216AM
W2122L	TW 206AM
W2122L	TW 206CP
W2127SA	TW 104AM
W2133L	TW 103AM
W2135SA	TW2003AM
W2136L	TW 215CP
W2146SA	TW 217AM
W2152SA	TW 205AM
W2154L	TW 119AM
W2157L	TW 208AM
W2158SA	TW 121AM
W2159L	TW 245AM
W2164SA	TW 105AM
W2168SA	TW 209AM
W2171S	TW 109AM
W2182SA	TW 117AM
W2188SA	TW 118AM
W2190SA	TW 225AM
W2192SA	TW 210AM
W2194SA	TW 115AM
W2195SA	TW 123AM
W2198SA	TW 214AM
W2201SA	TW2005AM
W2208L	TW 220AM
W2214L	TW 272AM
W2219SA	TW 191AM
W2224L	TW 212AM
W2226L	TW 221AM
W2228SA	TW 233AM
W2230SA	TW 226AM
W2235S	TW 222AM
W2236SA	TW 228AM
W2243L	TW 132AM
W2248SA	TW 113AM
W2256SA	TW 172AM
W2258L	TW 242CP
W2260SA	TW 129AM
W2265L	TW 252AM
W2271BZ	TW 234AM

GLACIER	KING NO
W2271SA	TW 230AM
W2286SA	TW 223AM
W2287SA	TW 110AM
W2289SA	TW 122AM
W2304SA	TW 227AM
W2310SA	TW 231AM
W2317L	TW 246AM
W2348SA	TW 162AM
W2353L	TW 244AM
W2357SA	TW2008AM
W2365SA	TW2013AM
W2376L	TW 296AM
W2380SA	TW 177AM
W2380SA	TW 185AM
W2407SA	TW 140AM
W2408L	TW 133AM
W2409L	TW 182AM
W2411L	TW 138AM
W2416SA	TW 142AM
W2992Z	TW 274AM
W4099Z	TW 256AM

GLYCO to KING

GLYCO	KING NO
71-3902/5	CR 521CP
~H1092/5	MB5447AM
01-1762	CR 416AM
01-1916	CR4048CP
01-2324/4	CR 410AM
01-2800	CR 133CP
01-3040	CR 510AM
01-3040	CR4060AM
01-3040/4	CR4060AM
01-3040/5	CR 503AM
01-3040/71-3227	CR 510AM
01-3046	CR4426AM
01-3167/6	CR6795CP
01-3438	CR4048CP
01-3557/4	CR4496AM
01-3584	CR 506AM
01-3584/4~	CR4071SI
01-3584/5	CR 506AM
01-3683/8	CR 893AM
01-3771	CR4071SI
01-3771/5	CR 506AM
01-3771/6	CR6673XA
01-3771/6~	CR6673AM
01-3841/5	CR 517AM
01-3841/6	CR6764AM
01-3841/8	CR 893AM
01-3848/6	CR6766AM
01-3867/4	CR4251AM
01-3874/4	CR4296AM
01-3961/4	CR4297CP
01-3977/4	CR4305AM
01-3991/4	CR4121AM
01-4039/4	CR4208SI
01-4040/4	CR4365CA
01-4079/4	CR4270AM
01-4100/4	CR4527XA
01-4110	CR 655AM
01-4112/2	CR 205AM
01-4114	CR1252AM
01-4114/4	CR4418AM
01-4115/4	CR 464AM
01-4116/4	CR4122AM
01-4117/4	CR 429AM
01-4119/4	CR4020AM
01-4123/4	CR4128AM
01-4125/4	CR4127AM
01-4127/4	CR4099AM
01-4128/4	CR4229AM
01-4131/4	CR4269AM
01-4132/4	CR4078AM
01-4133/4	CR 416AM
01-4135/4	CR4410AM
01-4137/4	CR 446AM
01-4138/4	CR4426AM
01-4139/4	CR 414AM
01-4142/4	CR4440AM
01-4144/4	CR4018AM
01-4146/4	CR4187AM
01-4147/4	CR4152AM
01-4148/4	CR4150SI
01-4149/4	CR4306AM
01-4152/4	CR4062AM
01-4153/4	CR4040AM
01-4154/4	CR4270AM
01-4155/4	CR4308AM
01-4160/4	CR4178SI
01-4161/4	CR4305AM
01-4162/4	CR4151AM
01-4163/4	CR4516SI
01-4165/4	CR4198AM
01-4166/4	CR4134AM
01-4169/4	CR4448AM
01-4171/4	CR4099AM
01-4172/4	CR4432AM

GLYCO	KING NO
01-4173/4	CR4493AM
01-4174/4	CR4401AM
01-4175/4	CR4488AM
01-4176/4	CR4232AM
01-4177/4	CR4452AM
01-4177/6	CR6601AM
01-4178/4	CR4473AM
01-4179/4	CR4158AM
01-4180/4	CR4007AM
01-4181/4	CR4140AM
01-4183/4	CR4499AM
01-4184/4	CR4498AM
01-4187/4	CR4015AM
01-4188/4	CR4272AM
01-4189/4	CR4301AM
01-4191/4	CR4006AM
01-4192/4	CR4301AM
01-4195/4	CR4016AM
01-4199/4	CR4001AM
01-4200/4	CR4075AM
01-4202/4	CR4019AM
01-4203	CR4489AM
01-4207/4	CR4483AM
01-4255/4	CR4426AM
01-4257/4	CR4497AM
01-4259/4	CR4132AM
01-4298/4	CR4307AM
01-4301	CR 103CP
01-4307/4	CR4415AM
01-4312	CR 654AM
01-4313/4	CR 417AM
01-4314/4	CR 456AM
01-4315/4	CR 438AM
01-4316/4	CR 410AM
01-4317/4	CR 462AM
01-4319/4	CR 405AM
01-4324/4	CR4299AM
01-4330/4	CR4425AM
01-4331/4	CR4441AM
01-4332/4	CR4419AM
01-4333/4	CR4442AM
01-4334/4	CR4044AM
01-4335	CR 625AM
01-4337/4	CR4159AM
01-4340/4	CR4064AM
01-4343/4	CR4495AM
01-4345/4	CR4093AM
01-4346/4	CR4052AM
01-4350/4	CR4028AM
01-4351/4	CR4005AM
01-4356/4	CR4053AM
01-4359/4	CR4002AM
01-4361/4	CR4207SI
01-4362/4	CR4236AM
01-4364/6	CR 653AM
01-4366/6	CR 652AM
01-4374/6	CR6696AM
01-4377/8	CR 811SI
01-4395/4	CR4424AM
01-4448/6	CR6604AM
01-4558/4	CR 422AM
01-4577/4	CR4349CP
01-4734/4	CR4514SI
01-4818/6	CR6764AM
01-4872/3	CR 343CP
01-4872/4	CR4388CP
01-4892/4	CR4349CP
02-2228	MB 121CP
02-4517H	MB 149AM
02-4549	MB5576AM
02-4551	MB 432AM
02-4575H	MB1048SI
02-4576	MB1049SI
1644AF	TW 214AM

GLYCO	KING NO
1686AF	TW2014AM
1965CP	CR1283SI
2777AF	TW 238AM
2952BF	TW 120AM
3954BF	TW 146AM
4081AF	TW 177AM
4251AF	TW 182AM
4275RA	CR4270AM
4276RA	MB5447AM
4276RA	PN-M5297-AM
4327M	MB5387CP
4334M	MB3349CP
4351AF	TW 188AM
4-3895RA	CR4209CP
4-4135RA	CR4150AM
4-4135RA~	CR4150SI
4-4160CP	CR4345CA
4-4160RA	CR4062AM
4-4350CP	CR4171AM
4-4400RA	CR4178SI
4-4405RA	CR4305AM
4-4415RA	CR4151AM
4-4650RA	CR4516SI
4-4660CP	CR4333CP
4-4680CP	CR4176CP
4-60085RA	CR4344CP
4-60480RA	CR4402AM
4659M	MB5549AM
4-66320RA	CR4331CP
4-66440RAA~	CR4080AM
4-66490RA	CR4499AM
4-66740RAA~	CR4227CA
4687M	MB 511AM
4-8180RA	CR4064AM
4-9270RA	CR4332CP
5103M	MB 524AM
51-1302	CR4038AM
55-2532	PB 154CP
55-3443	PB 155CP
55-3635	PB 161CP
60116AF	TW 252AM
60987AF	TW 105AM
61595RA	CR1268CP
61904BF	TW 212AM
62039Y	PB 201CP
6-4080CP	CR6809CP
6445M	MB5041AM
6-4685CP	CR6823CP
6537M	MB5515AM
6557M	MB7742CP
6644M	MB5332CP
66515CP (1)	CR1319CP
66526AF	TW 172AM
66630CP~	CR1209AM
6-66515CP	CR6763CP
66655CP	CR4501CA
66655CP (1)	CR1294CA
66691BF	TW 251AM
6675M	MB5207AM
6691M	MB5037AM
67341AF	TW 110AM
7085M	MB5589AM
7090M	MB 458AM
7097M	MB5077AM
71-0271/4	CR4225CP
71-0313/6	CR6659CP
71-0784/1	CR 134CP
71-0784/6	CR6729CP
71-1227/6	CR 680CP
71-1333/8	CR 882CP
71-1337	CR4148AM
71-1338/4	CR4103AM
71-1356	CR1303SI
71-1459/4	CR4197CP

GLYCO	KING NO
71-1739/6	CR 652CP
71-1950/4	CR 409CP
71-1950/4~	CR 409AM
71-1971/4	CR4526CP???
71-2132	CR1238CP
71-2182/4	CR4439AM
71-2182/6	CR6609AM
71-2185/4	CR 432AM
71-2185/4~	CR 432SI
71-2185/6	CR 642SI
71-2195/4	CR 444AM
71-2202/4	CR 467CP
71-2202/6	CR 674CP
71-2203	CR1318AM
71-2214/6	CR6706CP
71-2234/6	CR 676CP
71-2349/6	CR6830CP???
71-2404/6	CR6707CP
71-2406/4	CR 412AM
71-2438	CR 196AM
71-2450/6	CR6724CP
71-2549/5	CR 511CP
71-2549/6	CR 681CP
71-2724/4	CR4406AM
71-2752/6	CR6602CP
71-2773/4	CR 443AM
71-2773/5	CR 503AM
71-2811/6	CR6656CP
71-2834	CR1239CP
71-2834/1	CR1239CP
71-2834/8	CR 875CP
71-2839/4	CR4264CP
71-2839/6	CR6756CP
71-2913/6	CR 638CP
71-2948/6	CR 666CP
71-2965	CR1234CP
71-2974/6	CR6603CP
71-2995/4	CR4094CP
71-2995/6	CR6670AM
71-3009	CR1222CP
71-3009/1	CR1222CP
71-3014/6	CR6827CP???
71-3084	CR 411AM
71-3084/4	CR 411AM
71-3084/5	CR 501AM
71-3099/5	CR 504CP
71-3099/6	CR6639CP
71-3174/4	CR4492CP
71-3174/4~	CR4492AM
71-3227/4	CR4060CP
71-3227/5	CR 510AM
71-3266/4	CR 427AM
71-3271/4	CR4451AM
71-3276/4	CR 408AM
71-3284/6	CR6691CP
71-3291/6	CR 699CP
71-3315	CR1217AM
71-3324	CR1222CP
71-3332/4	CR4155AM
71-3419/4	CR4042AM
71-3419/6	CR6640CP
71-3419/6~	CR6640AM
71-3426/6	CR6829CP???
71-3427/6	CR6828CP???
71-3442/4	CR 437CP
71-3442/4~	CR 437AM
71-3442/5	CR 502CP
71-3442/6	CR6617AM
71-3442/6	CR6617CP
71-3446/6	CR6687CP
71-3447	CR1238CP
71-3447/1	CR1238CP
71-3463	CR1267CP
71-3480/6	CR 657CP
71-3482/4	CR4214CP
71-3482/6	CR 668CP
71-3504/4	CR4147AM

GLYCO	KING NO
71-3507/4	CR4003AM
71-3520/6	CR6665AM
71-3531/4	CR 421AM
71-3531/4~	CR4106AM
71-3550/4	CR4051CP
71-3560/4	CR4411AM
71-3560/6	CR 643AM
71-3561/5	CR 504CP
71-3561/6	CR6639CP
71-3566/4	CR 437CP
71-3566/5	CR 502CP
71-3566/6	CR6617CP
71-3572/1	CR1307CP
71-3572/4	CR4048CP
71-3572/6	CR6630CP
71-3573/6	CR6749CP
71-3601/6	CR6690CP
71-3605/4	CR4095AM
71-3605/4	CR4095SI
71-3605/6	CR6671CP
71-3613/6	CR6692CP
71-3616/4	CR4133AM
71-3623/6	CR6689CP
71-3624/6	CR6666AM
71-3626/4	CR4017AM
71-3627/4	CR4001AM
71-3628/4	CR4127AM
71-3631/6	CR6730CP
71-3637/5	CR 504CP
71-3637/6	CR6639CP
71-3638/1	CR1309SP
71-3639/4	CR 418AM
71-3645/4~	CR4335CA
71-3645/4~	CR4335XA
71-3645/5~	CR 522CA
71-3645/5~	CR 522SX
71-3645/5~	CR 522XA
71-3645/6~	CR6799CA
71-3645/6~	CR6799XA
71-3652	CR1620XP
71-3660/4	CR 447CP
71-3660/6	CR 645CP
71-3665/4	CR4013AM
71-3669/4	CR4252CP
71-3669/5	CR 514CP
71-3680/1	CR1019CP
71-3693/1	CR1223SP
71-3694/4	CR4104AM
71-3694/5	CR 505AM
71-3695/6	CR6688CP
71-3704/4	CR4211SP
71-3704/6	CR6748SP
71-3706/8	CR 896CP
71-3711/6	CR6778SI
71-3725/1	CR1017CP
71-3728/4	CR4182CP
71-3728/4~	CR4182AM
71-3730/4	CR4467CP
71-3732/5	CR 516CP
71-3733/6	CR6709CP
71-3753/4	CR4254CP
71-3753/6	CR6747AM
71-3754/4	CR4310AM
71-3754/5	CR 509AM
71-3754/6	CR6700AM
71-3764/4	CR4210AM
71-3765/4	CR4340CP
71-3781/4	CR4191SI
71-3791/6	CR6731CP
71-3794/6	CR6732CP
71-3812/6	CR 656CP
71-3817/4	CR4292CP
71-3817/4~	CR4292AM
71-3817/6	CR6776CP
71-3821/4	CR4145XA
71-3842/4	CR4290CP
71-3847/4	CR4196XA

GLYCO	KING NO
71-3847/5~	CR 515XA
71-3850/4	CR4293CP
71-3850/6	CR6777CP
71-3857/6	CR6773CP
71-3857/8	CR 891CP
71-3866/6	CR6761CP
71-3869/4	CR4212CP
71-3869/4	CR4213CA
71-3870/4	CR4213CA
71-3876	CR4327CA
71-3876	CR4327XA
71-3876/1~	CR1018CA
71-3876/1~	CR1018XA
71-3878/8	CR 897CP
71-3882/3	CR 334CP
71-3885/8	CR 892CP
71-3889/1	CR1014CP
71-3893/6	CR6639CP
71-3897/1	CR1242CP
71-3899/4	CR4217CP
71-3904	CR4253XA
71-3904/3	CR 349XA
71-3904/4	CR4253XA
71-3919/6	CR6762CP
71-3929/4	CR4250CA
71-3929/5	CR 513CA
71-3929/5	CR 513CP
71-3930/4	CR 460SP
71-3930/5	CR 524SP
71-3932	CR 894CP
71-3932/6	CR6779CP
71-3932/8	CR 894CP
71-3933/6	CR6767CP
71-3933/8	CR 895CP
71-3958/4	CR4531CP
71-3958/5	CR 526CP
71-3961/4	CR4297CP
71-3969/3~	CR 340XA
71-3986/4	CR4353XA
71-3988/4	CR4227CA
71-3994	CR 526SX
71-3994	CR4531SX
71-3994/4	CR4488AM
71-3996/4	CR4178SI
71-4002/4	CR4536CA
71-4033/4	CR4377CA
71-4064/4	CR4528CA
71-4066/4	CR4370CA
71-4080/4	CR1312CA
71-4104	CR 183CP
71-4108	CR1212CP
71-4109	CR1295CP
71-4113	CR1205CP
71-4114	CR6654CP
71-4115	CR 464CP
71-4115/6	CR 673AM
71-4118/4	CR4170AM
71-4120/4	CR4173AM
71-4121/4	CR4232AM
71-4122/4	CR 407AM
71-4126/4	CR4099CP
71-4129/4	CR4531CP
71-4130/4	CR4154CP
71-4143/4	CR4481AM
71-4145/4	CR4102AM
71-4151/4	CR4345CA
71-4156/4	CR4162CP
71-4157/4	CR4174AM
71-4157/5	CR 526CP
71-4158/4	CR4273AM
71-4164/4	CR4333CP
71-4167/4	CR4176CP
71-4168/4	CR4421AM
71-4170/4	CR4144CP
71-4185/4	CR4073CP
71-4194/4	CR4466AM
71-4198/4	CR4082AM

GLYCO	KING NO
71-4204/4	CR 426AM
71-4205/4	CR4431AM
71-4209/5	CR 507AM
71-4212	CR 155CP
71-4213/6	CR6692CP
71-4214/6	CR 660CP
71-4215/6	CR6721CP
71-4218/6	CR6809CP
71-4221/6	CR6632CP
71-4227	CR1213CP
71-4229	CR1209CP
71-4234	CR1294CA
71-4236/6	CR6691CP
71-4237/6	CR 666CP
71-4238	CR1212CP
71-4239	CR1205CP
71-4243/4	CR4357CA
71-4246/4	CR4503SX
71-4249/8	CR 841CP
71-4250/4	CR4273AM
71-4254/4	CR 420AM
71-4260/4	CR4443AM
71-4261/4	CR4446AM
71-4278/4	CR 405AM
71-4279/4	CR4220AM
71-4284	CR 131CP
71-4290	CR1304CP
71-4297/4	CR4207SI
71-4306	CR1205CP
71-4309/3	CR 306AM
71-4310/4	CR4083CP
71-4311/4	CR4019AM
71-4325/4	CR 474SI
71-4336/4	CR4403AM
71-4338/4	CR4129AM
71-4339/4	CR4462AM
71-4341/4	CR4043CP
71-4341/6	CR4043CP
71-4342/4	CR4137AM
71-4347/4	CR4295AM
71-4348/4	CR4202CP
71-4349/4	CR 445CP
71-4353/4	CR4025AM
71-4357/4	CR4139AM
71-4358/4	CR4046AM
71-4360/4	CR4202CP
71-4363/4	CR 417CP
71-4371/6	CR 697CP
71-4372/6	CR 611AM
71-4375	CR1229SI
71-4376/6	CR6716AM
71-4378/8	CR 890CP
71-4382/4	CR4440AM
71-4383/6	CR6621CP
71-4385/6	CR6633CP
71-4386/6	CR6726CP
71-4388	CR1212CP
71-4389	CR1208CP
71-4390	CR1214CP
71-4396/4	CR4405CP
71-4445	CR1251CP
71-4446/4	CR4021SI
71-4447/4	CR4189AM
71-4512/4	CR 413AM
71-4566/4	CR4318CP
71-4567/4	CR4328CP
71-4806/4	CR4528CA
7179M	MB4101SI
7193M	MB5008SI
7212M	MB5139AM
72-2228	MB 121CP
72-2439	MB 152AM
72-2439 + 72-2440H	MB 437AM
72-2440H	MB 153AM
7225M	MB5035AM
72-2859	MB5064CP
72-3448	MB1137CP

GLYCO	KING NO
72-3856	MB1190XA
72-3856	MB7098XA
72-3856/1	MB1190XA
72-3995	MB 634SI
72-3995	MB5644SI
72-4096	MB1233CP
72-4546	MB 147CP
72-4547	MB 172CP
72-4548	MB 178CP
72-4550	MB 172CP
72-4552	MB1019CP
72-4554	MB 114AM
72-4555	MB 118AM
7263M	MB5376AM
7264M	MB5349AM
7266M	MB5009AM
7266M~	MB5370AM
7330M	MB5288AM
7345M	MB5014CP
7367M	MB5636AM
8031BF	TW 298CP
8060CP	CR1026CP
8080M	MB1040CP
A 113/4	TW2004AM
A 123/4	TW2010AM
A 124/4	TW2009AM
A 127/2	TW 122AM
A 129/4	TW2008AM
A 142/4	TW2012CP
A 151/4	TW2007AM
A 154/2	TW2001AM
A004/4	TW 206CP
A005/4	TW 206AM
A006/4	TW 215CP
A022/4	TW 242CP
A023/4	TW2012CP
A031/4	TW 205AM
A045/4	TW 214AM
A116/4	TW2017AM
A162/2	TW 231AM
A169/4	TW 235AM
A172/4	TW 281AM
A174/4	TW2014AM
A175/4	TW 280AM
A176/4	TW 232AM
A178/4	TW 238AM
A179/4	TW 260AM
A180/2	TW 106AM
A181/4	TW 250AM
A182/2	TW 104AM
A184/4	TW 208AM
A185/4	TW 261AM
A186/4	TW 231AM
A188/4	TW 296AM
A190/2	TW 188AM
A191/2	TW1005AM
A193/4	TW 255AM
A194/4	TW 252AM
A195/2	TW 121AM
A197/2	TW 105AM
A198/2	TW1009AM
A199/4	TW 212AM
A201/2	TW 113AM
A202/2	TW 132AM
A204/2	TW 186AM
A205/2	TW 191AM
A208/2	TW 135AM
A209/2	TW 172AM
A211/4	TW 251AM
A213/4	TW 244AM
A214/4	TW 246AM
A215/2	TW 162AM
A216/4	TW 239AM
A217/2	TW 179AM
A219/2	TW 160AM
A220/4	TW 272AM
A223/2	TW 120AM

GLYCO	KING NO
A224/2	TW 126AM
A225/4	TW 146AM
A227/2	TW2013AM
A229/4	TW 226AM
A231/4	TW 204AM
A233/4	TW 216AM
A234/4	TW 217AM
A235/4	TW 225AM
A236/2	TW 123AM
A243/2	TW 268AM
A260/2	TW 133AM
A261/2	TW 142AM
A262/4	TW2005AM
A265/4	TW 232AM
A266/4	TW 220AM
A267/4	TW 109AM
A269/4	TW 237AM
A273/2	TW 199AM
A274/4	TW 299AM
A275/4	TW 290AM
AEB92827	CR 526CP
H 003/5	MB5240AM
H 005/7	MB7054CP
H 007/5	MB5578AM
H 007/7	MB7720AM
H 009/7	MB7086CP
H 010/5;H 025/5	MB5070AM
H 011/7	MB7087CP
H 013/5	MB5548AM
H 016/5	MB5030AM
H 017/7	MB7100CP
H 018/5	MB5333CP
H 020/5	MB5194CP
H 020/7	MB 723CP
H 022/7	MB7053CP
H 022/7 ~	MB 796CP
H 023/5	MB5082AM
H 023/7	MB7039AM
H 024/5	MB5027AM
H 026/5	MB5028AM
H 027/5	MB5566AM
H 033/5	MB5334AM
H 034/4	MB4073SI
H 035/6	MB 622AM
H 035/7	MB7089AM
H 037/7	MB7097AM
H 038/5	MB5654CP
H 039/5	MB5032AM
H 046/5	MB5351AM
H 046/6	MB 612AM
H 046/7	MB7023AM
H 048/5	MB5118CP
H 048/7	MB7705CP
H 049/5	MB5200CP
H 049/7	MB7060CP
H 051/5 ~	MB5064CP
H 053/7	MB7101AM
H 054/7	MB7056CP
H 059/5	MB5247AM
H 065/5	MB5327AM
H 066/4	MB4065AM
H 067/5	MB5331CP
H 067/7	MB7099CP
H 068/5~	MB5330XA
H 068/6~	MB 624XA
H 068/7~	MB7098XA
H 069/4	MB4072AM
H 069/5	MB5328AM
H 072/4	MB4089AM
H 073/5	MB5329CP
H 074/7	MB7096AM
H 077/5	MB5084AM
H 079/5	MB5337SI
H 080/5	MB5335AM
H 080/7	MB7102AM
H 084/5	MB5269AM
H 089/7	MB7055CP

GLYCO	KING NO
H 090/5	MB5333CP
H 091/5	MB5336CP
H 113/3	MB3353CP
H 122/4	MB4031CP
H 37/5	MB5067CP
H 471/3 ~	MB3354AM
H 50/3	MB3316AM
H 534/4	MB 380CP
H 580/3	MB 377CP
H 580/5	MB5066CP
H 581/4	MB 475CP
H 629/5	MB 544AM
H 634/3	MB 335AM
H 641/7	MB 730CP
H 665/3	MB 371AM
H 705/7	MB7021CP
H 712/5	MB 538CP
H 712/7	MB 728CP
H 714/7	MB7037CP
H 783/5	MB 523AM
H 790/7	MB 766CP
H 796/5	MB 536AM
H 796/6	MB 602AM
H 797/5	MB5018AM
H 803/4 FI STD	MB4028AM
H 809/7	MB7712SI
H 811/5	MB 508AM
H 816/3	MB 332SI
H 816/4	MB 431SI
H 818/6	MB 615CP
H 818/7	MB 736CP
H 821/4	MB4038CP
H 821/5	MB5064CP
H 821/6	MB 613CP
H 821/7	MB7033CP
H 828/7	MB 784CP
H 840/7	MB 718CP
H 841/7	MB 734CP
H 842/7	MB 735CP
H 843/5	MB5019AM
H 859/7	MB7716CP
H 876/5	MB5149AM
H 881/6	MB 603CP
H 881/7	MB 797CP
H 886/3	MB 364AM
H 887/5	MB5133AM
H 889/5	MB 541AM
H 893/5	MB5506AM
H 897/5	MB 505AM
H 901/5	MB 526AM
H 901/7	MB 757AM
H 904/5	MB 512AM
H 914/5	MB5020AM
H 914/6	MB 608AM
H 918/7	MB7004CP
H 925/4	MB4053CP
H 925/5	MB5001CP
H 925/6	MB 618CP
H 925/7	MB7079CP
H 931/4	MB4054CP
H 931/5	MB5002CP
H 931/6	MB 619CP
H 931/7	MB7080CP
H 934/3	MB 335AM
H 934/4	MB 435SI
H 934/4~	MB 435AM
H 936/4	MB4032CP
H 937/5	MB5248AM
H 938/5	MB5198CP
H 938/7	MB7095CP
H 941/5	MB5172AM
H 941/6	MB 601AM
H 941/7	MB 776AM
H 942/3	MB3320AM
H 948/7	MB 798AM
H 948/7	MB 798CP
H 951/5	MB5591AM

GLYCO	KING NO
H 951/6	MB 609AM
H 956/7	MB7735CP
H 957/1	MB1137CP
H 966/5	MB5569AM
H 967/5	MB5083CP
H 967/7	MB7078CP
H 969/7	MB7005CP
H 973/7	MB 770AM
H 975/5	MB5519AM
H 977/5	MB5138AM
H 981/6	MB 605AM
H 981/7	MB7001AM
H 982/5	MB5520AM
H 988/5	MB5582CP
H 991/5	MB5513AM
H 992/6	MB 603CP
H 992/7	MB 797CP
H 993/6	MB 613CP
H 994/7	MB7016AM
H 997/5	MB5117AM
H 997/6	MB 606AM
H 997/7	MB7721AM
H010/5	MB5070AM
H016/5	MB5240AM
H017/7	MB7100CP
H022/7	MB7053CP OR
H023/5	MB5335AM
H023/7	MB7039AM
H024/5	MB5028AM
H025/5	MB5027AM
H034/4	MB4065AM
H046/5	MB5399SI
H051/5	MB5064CP
H055/5	MB5276CP
H075/7	MB 797CP
H076/7	MB7023AM
H077/5	MB5084AM
H085/5	MB5276CP
H085/7	MB7081CP
H095/6	MB 612AM
H097/5	MB 534AM
H098/5	MB5288AM
H1000/5	MB5644SI
H1002/5	MB5666SI
H1011/5	MB5414SI
H1019/7	MB7118CP
H1020/5	MB5445SI
H1026/4	MB 440AM
H1027/5	MB5000AM
H1028/5	MB5549AM
H1029/5	MB 541AM
H1030/5	MB 511AM
H1031/5	MB 537AM
H1032/5	MB 524AM
H1033/4	MB 419AM
H1033/5	MB 530AM
H1033/7	MB 738AM
H1034/5	MB 533AM
H1035/5	MB5003CP
H1036/7	MB 716CP
H1037/5	MB 519AM
H1037/7	MB 727AM
H1038/3	MB 364AM
H1039/3	MB3306AM
H1041/4	MB4035AM
H1042/5	MB 588AM
H1043/5	MB5041AM
H1044/3	MB3319AM
H1045/5	MB5546AM
H1046/5	MB 590AM
H1047/7	MB 791CP
H1048/5	MB5649CP
H1048/7	MB7742CP
H1049/5	MB5122CP
H1050/7	MB 712CP
H1052/5	MB5544AM
H1053/7	MB7004CP

GLYCO	KING NO
H1054/7	MB 711CP
H1055/5	MB5228AM
H1056/5	MB5551AM
H1057/5	MB5129AM
H1058/5	MB5081AM
H1059/7	MB 718CP
H1060/5	MB5582CP
H1061/5	MB5145AM
H1062/5	MB5501AM
H1065/5	MB5352AM
H1066/5	MB5399SI
H1067/5	MB5250AM
H1068/5	MB5527AM
H1069/5	MB 593AM
H1070/5	MB5529AM
H1071/5	MB5569AM
H1072/7	MB7047CP
H1073/7	MB7068CP
H1075/5	MB5549AM
H1076/5	MB5589AM
H1077/5	MB5095AM
H1078/5	MB5296AM
H1079/5	MB5513AM
H1080/5	MB5180AM
H1081/3	MB3347AM
H1082/4	MB4101SI
H1084/5	MB5037AM
H1085/5	MB5011AM
H1086/5	MB5008SI
H1087/5	MB5262AM
H1089/5	MB5131AM
H1090/7	MB 717CP
H1092/5	MB5627AM
H1093/5	MB5029CP
H1095/5	MB5412SI
H1095/6	MB 607SI
H1096/5	MB5036AM
H1097/7	MB7117CP
H1098/5	MB5376AM
H1099/5	MB5349AM
H1101/5	MB5288AM
H1104/5	MB5014CP
H1105/5	MB5592AM
H1106/5	MB 550AM
H1107/5	MB 505AM
H1108/5	MB5098AM
H1109/5	MB5144AM
H1110/5	MB5225AM
H1111/5	MB5558SI
H1113/5	MB5023AM
H1116/5	MB 501AM
H1116/7	MB 704AM
H1117/3	MB 321AM
H1119/7	MB 765AM
H1120/5	MB 561AM
H1122/3	MB 359AM
H1123/4	MB4043AM
H1124/7	MB7002AM
H1125/5	MB5060AM
H1127/5	MB5078SI
H1128/5	MB 548AM
H1129/7	MB7117CP
H1132/7	MB 790CP
H1133/3	MB3320AM
H1135/3	MB 305AM
H1136/3	MB 344AM
H1137/3	MB 362AM
H1138/3	MB 354AM
H1140/3	MB 347AM
H1141/4	MB 490AM
H1142/5	MB5031AM
H1143/5	MB 512AM
H1144/5	MB 520AM
H1145/5	MB 540AM
H1146/5	MB5515AM
H1147/5	MB 553AM
H1148/5	MB 552AM

GLYCO	KING NO
H1149/5	MB 597AM
H1150/5	MB5594AM
H1151/5	MB5233AM
H1152/5	MB5584AM
H1153/5	MB5510AM
H1154/5	MB5132AM
H1155/5	MB5074CP
H1156/5	MB5554AM
H1157/5	MB5159AM
H1158/5	MB5561AM
H1159/5	MB5556AM
H1160/5	MB5295AM
H1161/5	MB5158AM
H1163/5	MB5241AM
H1166/7	MB 727AM
H1167/5	MB 516AM
H1167/7	MB 703AM
H1169/7	MB 737AM
H1171/7	MB 786AM
H1172/7	MB7029AM
H1174/3	MB 324AM
H1175/5	MB5571CP
H1175/7	MB7007CP
H1176/5	MB 551AM
H1178/3	MB3356CP
H1179/7	MB7088CP
H1180/7	MB7048CP
H1182/7	MB 737AM
H1183/3	MB 313AM
H1186/3	MB 329AM
H1187/3	MB 328AM
H1189/5	MB 589AM
H1191/5	MB5057AM
H1192/5	MB5304AM
H1193/5	MB5060AM
H1195/6	MB 616CP
H1196/7	MB 788CP
H1200/5	MB 512A5M
H1201/7	MB7003CA
H1225/5	MB5559AM
H1228/7	MB7053CP
H1229/2	MB 210CP
H1233/7	MB7058AM
H1236/2	MB 207AM
H1240/5	MB 542AM
H1241/5	MB 522AM
H1242/5	MB 548AM
H1243/5	MB5648SI
H1249/5	MB5429SI
H1277/5	MB5285AM
H1278/5	MB5646SI
H1294/6	MB 632CP
H1295/4	MB4108AM
H1295/5	MB5422AM
H1296/5	MB5663SI
H1300/4	MB4065AM
H1310/3	MB 321CP
H1312/3	MB 328CP
H1313/3	MB 328CP
H1320/5	MB5568AM
H1321/5	MB5287AM
H1322/5	MB5375AM
H688/7	MB7743CP???
H708/5	MB 526AM
H809/7	MB7712CP
H821/6	MB 613CP
H853/5	MB5450AM
H859/7	MB 766CP
H881/7	MB 797CP
H914/5	MB5070AM
H928/7	MB7744CP???
H935/5	MB5577AM
H949/7	MB7745CP???
H976/5	MB5553AM
H994/7	MB 798CP
H996/5	MB5508AM
N145/3	CS 307BB

GLYCO	KING NO
N147/4	CS4411AM
N147/5	CS 543AM
N158/5	CS 502BB
N159/3	CS 305BB
N160/3	CS 304BB
N161/3	CS 332BB
N162/3	CS 319BB
N165/4	CS 411BB
N166/4	CS 233BB
N167/4	CS 407BB
N171/6	CS 601AM
N179/4	CS 409BB
N180/8	CS 801AM
N181/3	CS 320BB
N182/3	CS 302AM

K.S. to KING

K.S.	KING NO
~87 409 600	CR 418AM
77 034 609	CR4269AM
77 085 608	MB 588AM
77 087 608	CR4127AM
77 089 608	CR4019AM
77 090 608	MB5555AM
77 092 608	CR4015AM
77 097 608	CR4075AM
77 098 608	MB5129AM
77 101 608	CR4016AM
77 102 608	MB5551AM
77 122 608	MB5508AM
77 122 608~	MB 576AM
77 124 608	MB5544AM
77 127 608	MB5569AM
77 136 608	CR4006AM
77 152 600	MB5269AM
77 154 600	MB5122CP
77 155 600	CR4073CP
77 206 600	CR 505AM
77 209 602	MB 605AM
77 213 600	CR4182CP
77 218 600	CR6748SP
77 220 600~	CR6799XA
77 220 600~	CR6799XA
77 266 600	CR4254CP
77 268 600	CR4210AM
77 272 600	CR4017AM
77 274 600~	CR4145XA
77 277 600	CR4211SP
77 278 600	MB5082AM
77 287 600~	CR4335CA
77 287 600~	CR4335XA
77 288 600~	CR 515XA
77 289 600	CR 514CP
77 307 600	CR4251AM
77 325 600	CR6673XA
77 325 600~	CR6673AM
77 335 600	CR 343CP
77 336 600	MB4108AM
77 518 600~	MB5330XA
77 519 600~	MB 624XA
77 521 600~	CR4327XA
77 527 600	MB5084AM
77 529 600~	CR4213CA
77 530 600	CR4292CP
77 533 600	MB5247AM
77 534 600	MB5660SI
77 537 600	MB5661SI
77 538 600	MB5331CP
77 540 600	CR4293CP
77 551 600	MB5391AM
77 552 600	CR4348CP
77 553 600	MB5337SI
77 554 600	CR4253XA
77 555 600	CR 460SP
77 556 600	CR 349XA
77 557 600	CR4388CP
77 558 600	MB5422AM
77 581 600	CR4250CA
77 586 600	MB5200CP
77 587 600	MB7060CP
77 589 600	CR 645CP
77 695 600	CR4296AM
77 696 600	CR 334CP
77 697 600	MB4089AM
77 698 600	CR6778SI
77 699 600~	MB4073SI
77 710 600	MB7118CP
77 711 600	CR6823CP
77 712 600~	CR 340XA
77 735 600	CR4516SI
77 752 600	CR4227CA
77 782 600	CR4345CA

K.S.	KING NO
77 783 600	CR4062AM
77 784 600	MB5636AM
77 803 600	CR 524SP
77 836 600	CR4527XA
77 837 600	CR4357CA
77 838 600	CR4350AM
77 867 600	CR4517XA
77 868 600	MB5648SI
77 873 600	CR4503SX
78 022 600	CR1259CP
78 022 601	CR1224AM
78 042 600	MB 121CP
78 098 600	CR1225CP
78 126 600	MB1009AM
78 127 600	MB 160AM
78 148 600	CR 134CP
78 171 600	MB1201SI
78 186 600	CR 133CP
78 276 600	CR1013CP
78 588 600	CR1238CP
78 589 600	MB1137CP
78 590 800	TW2017AM
78 609 600	CR1239CP
78 616 600	TW2004AM
78 635 600	TW2010AM
78 639 600	TW2009AM
78 652 600	MB1014CP
78 672 600	CR1307CP
78 692 600	CR1222CP
78 853 608	TW 132AM
78 855 608	TW 250AM
78 865 608	TW 251AM
78 897 600	CR1309SP
78 902 600	CR1223SP
79 221 600	TW1004AM
79 395 600	CR1018XA
86 053 604	CR4405AM
86 082 604	MB5192AM
87 200 600	CR4104AM
87 205 600	MB5070AM
87 227 600	CR4042AM
87 259 600	CR4003AM
87 260 600	MB5553AM
87 269 600	CR6690CP
87 274 600	MB5132AM
87 275 600	CR4078AM
87 277 600	MB 431AM
87 277 600~	MB 431SI
87 280 600	CR 432SI
87 280 600	CR 642SI
87 287 600	MB 332SI
87 344 690	PB 155CP
87 368 600	MB5578AM
87 369 600	MB7039AM
87 370 600	MB 545AM
87 372 600	MB5513AM
87 374 600	MB3320AM
87 376 600	CR 511CP
87 377 600	MB 615CP
87 392 600	CR 421AM
87 393 600	MB5520AM
87 397 600	MB7033CP
87 399 600	MB 613CP
87 401 600	MB5064CP
87 403 600	MB4038CP
87 405 600	MB 797CP
87 409 600	CR4147AM
87 410 600	MB5519AM
87 413 600	CR 502CP
87 414 600	MB7001AM
87 416 600	MB7721AM
87 420 600	MB5028AM
87 426 600	MB 728CP
87 427 600	MB 538CP

K.S.	KING NO
87 428 600	CR6630CP
87 429 600	CR4048CP
87 431 600	MB7016AM
87 433 600	CR 437CP
87 434 600	MB 770AM
87 435 600	MB5117AM
87 436 600	CR4071SI
87 438 600	MB7080CP
87 439 600	MB 619CP
87 440 600	MB5002CP
87 441 600	MB4054CP
87 442 600	MB 726CP
87 450 600	CR4094CP
87 451 600	MB5138AM
87 452 600	MB5248AM
87 453 600	CR4155AM
87 454 600	MB 605AM
87 455 600	CR 501AM
87 459 600	MB 620CP
87 460 600	MB 776AM
87 461 600	MB 601AM
87 462 600	CR6617CP
87 463 600	CR 502AM
87 470 600	MB7735CP
87 485 600	CR 875CP
87 488 600	MB 609AM
87 489 600	MB5591AM
87 490 600	CR6640CP
87 491 601	MB 798CP
87 494 600	CR6670AM
87 495 600	MB7716CP
87 498 600	CR4451AM
87 499 600	MB7033CP
87 503 600	MB 797CP
87 504 600	MB 603CP
87 505 600	CR6639CP
87 506 600	CR 504CP
87 515 600	MB 735CP
87 516 600	CR 680CP
87 580 600	CR 427CP
87 689 600	MB7079CP
87 690 600	MB 618CP
87 691 600	MB5001CP
87 692 600	MB4053CP
87 693 600	MB 608AM
87 694 600	CR 503AM
87 695 600	MB5020AM
87 696 600	CR4060AM
87 701 600	CR 408AM
87 705 600	MB7720AM
87 708 600	MB 784CP
87 709 600	CR 638CP
87 712 600	MB7037CP
87 713 600	CR6724CP
87 716 600	MB5064CP
87 720 600	MB 613CP
87 722 600	MB5149AM
87 723 600	CR 411AM
87 724 600	MB7712SI
87 728 600	MB 371AM
87 729 600	CR4148AM
87 731 600	CR6609AM
87 738 600	MB 766CP
87 739 600	CR6603CP
87 740 600	CR6602CP
87 741 600	MB 536AM
87 743 600	MB5018AM
87 744 600	CR 443AM
87 752 600	MB5542AM
87 755 600	MB 757AM
87 756 600	CR 643AM
87 757 600	MB 526AM
87 758 600	CR4411AM
87 800 600	MB 544AM

K.S.	KING NO
87 801 600	CR4439AM
87 802 600	MB3353CP
87 818 600	CR6729CP
87 836 600	MB 523AM
87 837 600	MB 377CP
87 841 600	CR 674CP
87 845 600	CR4026CP
87 845 608	CR4311AM
87 852 600	CR 197AM
87 877 600	MB7081CP
87 878 600	MB5276CP
87 879 600	MB4055CP
87 952 600	CR 467CP
87 953 600	MB5066CP
87 954 600	CR4197CP
87 973 600	MB 508AM
87 974 600	CR 412AM
87 993 600	CR 444AM
87 994 600	MB 335AM
87 998 600	CR 409CP
87 998 600~	CR 409AM
CB-1048GP	CR6607AM
CB-1075GP	CR4298CP
CB-1117GP	CR4085AM
CB-1124GP	CR4088AM
CB-1192GP	CR4228CP
CB-1424A	CR4027AM
CB-2013A	CR4224AM
CB-2301GP	CR 321AM
CB-2503A	CR 329AM
CB-3879A	CR 346AM
MS-1181GP	MB5332CP
MS-1202A	MB5545AM
MS-1207A	MB7058AM
MS-1208A	MB5373AM
MS-1211GP	MB 495AM
MS-1217A	MB5305AM
MS-1610GP	MB 597AM
MS-1624GP	MB5035AM
MS-1822A	MB 458AM
MS-2000GP	MB5311CP
MS-2011A	MB5139AM
MS-2018A	MB5171AM
MS-3879A	MB4271AM
TW-1161A	TW 261AM
TW-1208A	TW2002AM
TW-1213GP	TW 139AM
TW-1415A	TW 280AM
TW-1424A	TW 248AM
TW-1616A	TW 118AM
TW-1822GP	TW 247AM
TW-1828A	TW 143AM
TW-1832A	TW 299AM
TW-2010GP	TW 256AM
TW-2018A	TW 156AM
TW-2403A	TW 134AM

METALEVE to

METALEVE	KING NO
BB-261	CR4014AM
BC-183-J	MB 752AM
BC-325-J	MB7038CP
~ BC-219-J	MB 419AM
~BC-038-J	MB 504AM
5BC-638-P	MB5064CP
BB-009-J	CR 610AM
BB-017-J	CR 810AM
BB-022-J	CR 401AM
BB-036-J	CR6681AM
BB-037-J	CR 301AM
BB-038-J	CR 454AM
BB-067-J	CR1006AM
BB-082-J	CR 666CP
BB-1035-J	CR 455AM
BB-121-J	CR 409AM
BB-126-J	CR 199AM
BB-127-J	CR1003AM
BB-132-J	CR 198AM
BB-134-J	CR 674CP
BB-136-J	CR 805AM
BB-144-P	CR 197AM
BB-150-J	CR6682AM
BB-153-J	CR 641SI
BB-156-J	CR4466AM
BB-159-J	CR4480AM
BB-160-J	CR6624AM
BB-162-J	CR4477AM
BB-163-J	CR4482AM
BB-165-J	CR6641AM
BB-166-J	CR 511CP
BB-167-J	CR 681CP
BB-174-J	CR 467CP
BB-184-J	CR4423AM
BB-185-J	CR 624AM
BB-191-J	CR4483AM
BB-196-J	CR 302AM
BB-197-J	CR4418AM
BB-205-J	CR1002AM
BB-206-J	CR1001AM
BB-207-J	CR1004AM
BB-208-J	CR1005AM
BB-214-J	CR 804AM
BB-214-J ~	CR 804SI
BB-219-J	CR 841CP
BB-220-J	CR1238CP
BB-223-J	CR4426AM
BB-228-J	CR4040AM
BB-236-J	CR4048CP
BB-237-J	CR6630CP
BB-238-J	CR4476SI
BB-240-J	CR6690CP
BB-243-J	CR6691CP
BB-253-J	CR 807AM
BB-253-J ~	CR 807SI
BB-254-J	CR4234AM
BB-258-J	CR6692CP
BB-260-J	CR6633CP
BB-261-J	CR4099AM
BB-263-J	CR4108AM
BB-271-J	CR 418AM
BB-279-J	CR4109AM
BB-280-J	CR 411AM
BB-284-J	CR 803AM
BB-285-J	CR 605AM
BB-285-J ~	CR 605SI
BB-286-J	CR 424AM
BB-287-J	CR4017AM
BB-295-J	CR 504CP
BB-296-J	CR6654CP
BB-297-J	CR1222CP
BB-298-J	CR1222CP
BB-318-J	CR 868AM
BB-319-J	CR 841CP

KING

METALEVE	KING NO
BB-329-J	CR6656CP
BB-335-J	CR6639CP
BB-337-J	CR 301AM
BB-339-J	CR 655AM
BB-340-J	CR 680CP
BB-353-J	CR 865AM
BB-375-J	CR 464AM
BB-376-J	CR 673AM
BB-377-J	CR4405AM 020
BB-390-J	CR 437AM
BB-396-J	CR6679CP
BB-397-J	CR 682AM
BB-399-J	MB 603CP
BB-403-J	CR6755CP
BB-435-P	CR1222CP
BB-479-J	CR4233AM
BB-496-J	CR6722CP
BB-592-J	CR4023SI
BB-600-J	CR4494AM
BB-601-J	CR6614AM
BB-602-J	CR 811AM
BB-603-J	CR 809AM
BB-604-J	CR 817AM
BB-605-J	CR6616AM
BB-606-J	CR 618AM
BB-607-J	CR 813AM
BB-608-J	CR 814AM
BB-608-J ~	CR 814SI
BB-609-J	CR 640AM
BB-609-J ~	CR 640SI
BB-610-J	CR6615AM
BB-611-J	CR 614AM
BB-612-J	CR 648AM
BB-613-J	CR 827CP
BB-615-J	CR6618AM
BB-616-J	CR4009AM
BB-618-J	CR 816CP
BB-619-J	CR 808AM
BB-620-J	CR4423AM
BB-621-J	CR 436AM
BB-623-J	CR6625AM
BB-624-J	CR6664AM
BB-625-J	CR 642SI
BB-626-J	CR6619AM
BB-626-J ~	CR6619SI
BB-627-J	CR4010AM
BB-628-J	CR 815CP
BB-629-J	CR 691AM
BB-630-J	CR6636AM
BB-631-J	CR4021AM
BB-632-J	CR 818AM
BB-633-J	CR 819CP
BB-634-J	CR6629AM
BC-006-J	MB5198CP
BC-008-J	MB 404AM
BC-014-J	MB 583AM
BC-020-J	MB 319AM
BC-037-J	MB7733AM
BC-039-J	MB 440AM
BC-123-J	MB 505AM
BC-135-J	MB7059CP
BC-153-J	MB7734AM
BC-172-J	MB5193AM
BC-173-J	MB5326CP
BC-175-J	MB 592AM
BC-176-J	MB 615CP
BC-177-J	MB 736CP
BC-182-J	MB 532AM
BC-200-J	MB 718CP
BC-211-J	MB 593AM
BC-215-J	MB7077CP
BC-220-J	MB 530AM
BC-239-J	MB5582CP
BC-240-J	MB 529AM

METALEVE	KING NO
BC-240-J ~	MB 529SI
BC-241-J	MB5526AM
BC-253-J	MB 791CP
BC-256-J	MB5195AM
BC-258-J	MB 506AM
BC-259-J	MB 504AM
BC-260-J	MB 440AM
BC-261-J	MB 453AM
BC-272-J	MB5520AM
BC-273-J	MB5290CP
BC-275-J	MB7082CP
BC-278-J	MB 735CP
BC-285-J	MB 519AM
BC-286-J	MB7002AM
BC-287-J	MB 727AM
BC-289-J	MB 582AM
BC-290-J	MB5070AM
BC-292-J	MB5192AM
BC-296-J	MB 557AM
BC-296-J ~	MB 557SI
BC-297-J	MB5532AM
BC-298-J	MB 752AM
BC-299-J	MB5517AM
BC-300-J	MB5516AM
BC-302-J	MB 443AM
BC-303-J	MB 559AM
BC-305-J	MB 760AM
BC-305-J ~	MB 760SI
BC-306-J	MB5505AM
BC-306-J ~	MB5505SI
BC-307-J	MB5504AM
BC-307-J ~	MB5504SI
BC-308-J	MB 762AM
BC-309-J	MB 785AM
BC-310-J	MB5547AM
BC-311-J	MB 438AM
BC-312-J	MB 407AM
BC-313-J	MB 517SI
BC-313-P	MB1009AM
BC-314-J	MB5514AM
BC-314-P	MB 160AM
BC-315-J	MB 763AM
BC-316-J	MB5597AM
BC-317-J	MB 445AM
BC-317-J ~	MB 445SI
BC-318-J	MB5502AM
BC-319-J	MB 554AM
BC-320-J	MB 563AM
BC-321-J	MB 558AM
BC-322-J	MB7004CP
BC-323-J	MB 705AM
BC-325-J	MB7038AM
BC-325-J FI O/S	MB7011AM
BC-326-J	MB5566AM
BC-327-J	MB7041CP
BC-332-J	MB5291CP
BC-333-J	MB7083CP
BC-341-J	MB5650SI
BC-342-J	MB5137AM
BC-358	MB 562AM
BC-364-J	MB 556SI
BC-369-J	MB5521AM
BC-371-J	MB5531AM
BC-372-J	MB5525AM
BC-373-J	MB5558AM
BC-374-J	MB5268CP
BC-375-J	MB7076CP
BC-378-J	MB 427AM
BC-379-J	MB 403AM
BC-380-J	MB 431AM
BC-382-J	MB 446AM
BC-383-J	MB5523AM
BC-384-J	MB 459AM
BC-385-J	MB 463AM

METALEVE	KING NO
BC-386-J	MB5533AM
BC-387-J	MB5549AM
BC-395-J	MB7712CP
BC-400-J	MB 797CP
BC-413-J	MB5560AM
BC-414-J	MB 613CP
BC-415-J	MB5557AM
BC-421-J	MB5522CP
BC-422-J	MB 458AM
BC-424-J	MB5183AM
BC-425-J	MB 546AM
BC-431-J	MB4038CP
BC-450-J	MB 480AM
BC-452-J	MB5519AM
BC-453-J	MB 497AM
BC-460-J	MB1137CP
BC-467-J	MB 509AM
BC-469-J	MB5219AM
BC-475-J	CR 658CP
BC-499-J	MB5148AM
BC-638-P	MB4038CP
BC-639-P	MB4038CP
BC-708-J	MB5576AM
BC-710-J	MB5377AM
BC-796-J	MB5538AM
IAE-044	TW 239CP

NDC to KING

NDC	KING NO
MS-2200GP	MB5168AM
TW-1208A	TW2002AM
CB-1001GP	CR6608AM
CB-1002GP	CR4443AM
CB-1007GP	CR4424AM
CB-1025	CR4436AM
CB-1029	CR 472AM
CB-1032GP	CR4141SI
CB-1035A	CR4425AM
CB-1037GP	CR 636CP
CB-1041GP	CR 649AM
CB-1044	CR4431AM
CB-1045GP	CR4442AM
CB-1046	CR4429AM
CB-1048	CR6607AM
CB-1056GP	CR4446AM
CB-1058	CR6651AM
CB-1070	CR 474SI
CB-1075	CR4298CP
CB-1080GP	CR6719AM
CB-1082	CR4437AM
CB-1085	CR4481AM
CB-1086	CR4485AM
CB-1097GP	CR6713CP
CB-1103GP	CR4141SI
CB-1117	CR4085AM
CB-1121GP	CR4137AM
CB-1123GP	CR6606AM
CB-1124	CR4088AM
CB-1127GP	CR6746CP
CB-1131GP	CR4466AM
CB-1132GP	CR4239CP
CB-1133	CR4129AM
CB-1134GP	CR4462AM
CB-1137	CR 473AM
CB-1141A	CR4159AM
CB-1142	CR4463AM
CB-1145GP	CR6723CP
CB-1153GP	CR4186CP
CB-1154	CR6783CP
CB-1158A	CR4053AM
CB-1160GP	CR4202CP
CB-1161A	CR4093AM
CB-1168A	CR4495AM
CB-1169A	CR4497AM
CB-1171	CR6605AM
CB-1173GP	CR 407AM
CB-1174	CR 426AM
CB-1177	CR6627AM
CB-1179	CR4489AM
CB-1181	CR4295AM
CB-1190GP	CR4162CP
CB-1192GP	CR4228CP
CB-1195GP	CR6698CP
CB-1199A	CR6715AM
CB-1200	CR6771AM
CB-1201	CR6624AM
CB-1202	CR4005AM
CB-1203GP	CR6695AM
CB-1204GP	CR4179AM
CB-1206GP	CR6676SI
CB-1207A	CR6696AM
CB-1208	CR 426AM
CB-1209	CR4065AM
CB-1210A	CR6676SI
CB-1211GP	CR6676SI
CB-1213	CR4136AM
CB-1214	CR 858CP
CB-1215	CR6765AM
CB-1216	CR6697SI
CB-1217	CR4230AM
CB-1219GP	CR6752AM
CB-1221	CR4277AM
CB-1222GP	CR6774AM

NDC	KING NO
CB-1223GP	CR6775AM
CB-1400GP	CR 413AM
CB-1401A	CR4052AM
CB-1402	CR 616AM
CB-1403	CR6728AM
CB-1404A	CR4018AM
CB-1406GP	CR4102AM
CB-1407A	CR4028AM
CB-1408	CR4215AM
CB-1410GP	CR 429AM
CB-1411A	CR4187AM
CB-1413GP	CR6718AM
CB-1414GP	CR 696AM
CB-1415A	CR4229AM
CB-1416	CR4205AM
CB-1419	CR4209CP
CB-1420	CR 626AM
CB-1421A	CR4216AM
CB-1422	CR4241AM
CB-1423	CR6634AM
CB-1424	CR4027AM
CB-1425	CR4032CP
CB-1425	CR4032SI
CB-1427 ~	CR6708AM
CB-1427A	CR6717AM
CB-1428A	CR4190AM
CB-1429A	CR4189AM
CB-1430	CR4289AM
CB-1433	CR 623AM
CB-1434GP	CR6754CP
CB-1434GP~	CR6754AM
CB-1435	CR4219AM
CB-1436A	CR6716AM
CB-1437	CR6641AM
CB-1438	CR6727AM
CB-1439	CR 518AM
CB-1440	CR 888CP
CB-1441	CR4135AM
CB-1445	CR6669AM
CB-1446	CR4282AM
CB-1447	CR4288AM
CB-1448A	CR4281AM
CB-1449	CR4231AM
CB-1451	CR4121AM
CB-1452	CR4390SI
CB-1603GP	CR4043CP
CB-1612GP	CR6658CP
CB-1613	CR6785CP
CB-1614	CR6784CP
CB-1616GP	CR 445CP
CB-1620GP	CR4141SI
CB-1620GP ~	CR4141SI
CB-1621A	CR4004AM
CB-1622GP	CR4269AM
CB-1624A	CR4207SI
CB-1624A	CR4207XA
CB-1626GP	CR4074AM
CB-1627A	CR4141SI
CB-1628GP	CR4141SI
CB-1631GP	CR4414CP
CB-1632GP	CR6769CP
CB-1639GP	CR6770CP
CB-1803GP	CR 635CP
CB-1804GP	CR 885CP
CB-1807GP	CR4202CP
CB-1812GP	CR 440CP
CB-1820GP	CR6725CP
CB-1822	CR6629AM
CB-1823A	CR 639AM
CB-1825A	CR4049AM
CB-1827A	CR4120AM
CB-1828	CR4226AM
CB-1829	CR4119AM
CB-1830GP	CR4286CP

NDC	KING NO
CB-1832GP	CR4328CP
CB-1834GP ~	CR4202CP
CB-1835GP	CR4286CP
CB-1842A	CR6735AM
CB-2002GP	CR6714CP
CB-2004A	CR 405AM
CB-2008A	CR4002AM
CB-2009A	CR4096AM
CB-2010A	CR6655AM
CB-2013A	CR4224AM
CB-2015	CR4417CP
CB-2016	CR4285AM
CB-2018	CR4105AM
CB-2109GP	CR4318CP
CB-2110GP	CR 629CP
CB-2111	CR6737CP
CB-21116P	CR6740CP
CB-2200GP	CR 439AM
CB-2203GP	CR4261AM
CB-2204GP	CR4258AM
CB-2205GP	CR4139AM
CB-2206GP	CR4257AM
CB-2208GP	CR4046AM
CB-2209GP	CR4259AM
CB-2210GP	CR6738AM
CB-2211GP	CR6768AM
CB-2213GP	CR4033AM
CB-2214GP	CR4260AM
CB-2215GP	CR4046AM
CB-2300	CR4445AM
CB-2301	CR 321AM
CB-2302	CR 312AM
CB-2303	CR 201AM
CB-2304	CR6753AM
CB-2305	CR4125CP
CB-2305	CR4125SI
CB-2306	CR4280CP
CB-2401	CR 324AM
CB-2402	CR 323AM
CB-2403	CR 307AM
CB-2404A	CR4020AM
CB-2405	CR4056AM
CB-2501A	CR 306AM
CB-2503A	CR 329AM
CB-2507A	CR 309AM
CB-2509A	CR 330AM
CB-2510A	CR 331AM
CB-2511A	CR4130AM
CB-2604GP	CR4238CP
CB-2607GP	CR6743CP
CB-2610GP	CR6744CP
CB-2612GP	CR6745CP
CB-2800GP	CR6742CP
CB-2801GP	CR4317CP
CB-2802GP	CR6741CP
CB-2804	CR4278AM
CB-3004	CR 410AM
CB-3006	CR 646AM
CB-3007	CR6604AM
CB-3008	CR4418AM
CB-3017	CR 418AM
CB-3019	CR4411AM
CB-3020	CR 421AM
CB-3821	CR4440AM
CB-3863	CR4496AM
MB-2301	MB 461AM
MS-1001GP	MB 769AM
MS-1007GP	MB 434AM
MS-1011	MB3304AM
MS-1024	MB3307AM
MS-1028	MB 359AM
MS-1034	MB 347AM
MS-1036GP	MB 719CP
MS-1040GP	MB 764AM

NDC	KING NO
MS-1042	MB 549AM
MS-1043	MB 534AM
MS-1044GP	MB3310AM
MS-1047GP	MB 768AM
MS-1051	MB 767AM
MS-1052	MB 778AM
MS-1056GP	MB 551AM
MS-1058	MB 473AM
MS-1060A	MB 348AM
MS-1063 ~	MB 596AM
MS-1082GP	MB5264AM
MS-1087	MB 553AM
MS-1091GP	MB3305AM
MS-1094	MB 547AM
MS-1098GP	MB5055AM
MS-1103GP	MB 540AM
MS-1104	MB5026AM
MS-1107GP	MB3312AM
MS-1113	MB 578AM
MS-1114	MB 572AM
MS-1117	MB 552AM
MS-1121GP	MB5584AM
MS-1123GP	MB 429AM
MS-1124	MB3311AM
MS-1124~	MB3311SI
MS-1126	MB3301AM
MS-1127GP	MB7075CP
MS-1129GP	MB5093AM
MS-1131GP	MB 577AM
MS-1131GP	MB5647AM
MS-1132GP	MB5267CP
MS-1133	MB 580AM
MS-1134	MB5168AM
MS-1134GP	MB5168AM
MS-1135GP	MB7066CP
MS-1137	MB 596AM
MS-1138GP	MB5098AM
MS-1141A	MB3358AM
MS-1145	MB7043CP
MS-1147GP	MB5252CP
MS-1152	MB 547AM
MS-1153	MB5057AM
MS-1158A	MB5583AM
MS-1159A	MB3343AM
MS-1160GP	MB5074CP
MS-1161A	MB5144AM
MS-1162GP	MB 710CP
MS-1163GP	MB5136AM
MS-1164GP	MB 591AM
MS-1168A	MB5510AM
MS-1172GP	MB7026CP
MS-1173GP	MB5529AM
MS-1174	MB5524AM
MS-1179A	MB5501AM
MS-1181	MB5332CP
MS-1182	MB5159AM
MS-1183	MB 587AM
MS-1184	MB3331AM
MS-1184~	MB3331SI
MS-1190GP	MB5029CP
MS-1195GP	MB7006CP
MS-1199A	MB7027AM
MS-1201	MB 453AM
MS-1202	MB5545AM
MS-1203GP	MB7008AM
MS-1207A	MB7058AM
MS-1208	MB5373AM
MS-1209	MB5595AM
MS-1211GP	MB4071AM
MS-1213	MB5243AM
MS-1214	MB5068CP
MS-1216A	MB7092AM
MS-1217	MB5305AM
MS-1217 ~	MB5292AM
MS-1218GP	MB5021AM
MS-1219GP	MB4058AM
MS-1220	MB5306AM

NDC	KING NO
MS-1400A	MB 535AM
MS-1402	MB7050AM
MS-1404A	MB5554AM
MS-1405GP	MB 506AM
MS-1406A	MB5145AM
MS-1407A	MB5563AM
MS-1408A	MB5085AM
MS-1410GP	MB5527AM
MS-1413GP	MB4037AM
MS-1414GP	MB 787AM
MS-1415A	MB5095AM
MS-1417GP	MB5059AM
MS-1420	MB7051AM
MS-1421A	MB5086AM
MS-1422 ~	MB 552AM
MS-1423	MB 465AM
MS-1424AM	MB5564AM
MS-1426	MB5321AM
MS-1427A	MB7029AM
MS-1428A	MB5060AM
MS-1429 ~	MB5060AM
MS-1433	MB7052AM
MS-1434	MB7084AM
MS-1435	MB5089AM
MS-1436A	MB7028AM
MS-1437	MB4012AM
MS-1438	MB7049AM
MS-1439	MB 623AM
MS-1440	MB5286CP
MS-1443	MB7093AM
MS-1448A	MB5318AM
MS-1449	MB5096AM
MS-1452	MB5423SI
MS-1603GP	MB5300AM
MS-1604	MB5579CP
MS-1605	MB5157AM
MS-1610	MB 597AM
MS-1612	MB7713CP
MS-1613	MB7104CP
MS-1616GP	MB5253CP
MS-1620GP	MB5559AM
MS-1621	MB5540AM
MS-1622GP	MB5295AM
MS-1623GP	MB5296AM
MS-1624GP	MB5035AM
MS-1625	MB5078SI
MS-1626	MB5128AM
MS-1627GP	MB5586AM
MS-1628GP	MB5093AM
MS-1631GP	MB5310CP
MS-1632GP	MB7090CP
MS-1807GP	MB5074CP
MS-1812GP	MB5251CP
MS-1818	MB 521AM
MS-1819	MB5195AM
MS-1819 (F STD)	MB 546AM
MS-1821GP	MB 524AM
MS-1822	MB 458AM
MS-1827A	MB5177AM
MS-1828	MB5176AM
MS-1829	MB5314AM
MS-1831GP	CR 442CP
MS-1832GP	MB5372CP
MS-1838GP	MB7091CP
MS-1842A	MB4050AM
MS-2000	MB5311CP
MS-2002GP	MB7030CP
MS-2004A	MB5528AM
MS-2007A	MB5158AM
MS-2008A	MB5537AM
MS-2009A	MB5097AM
MS-2010GP	MB 474AM
MS-2011A	MB5226AM
MS-2012A	MB5304AM
MS-2013A	MB5100AM
MS-2016	MB5312AM
MS-2018	MB5171AM

NDC	KING NO
MS-2108GP	MB7065CP
MS-2110GP	MB7057CP
MS-2200GP	MB5168AM
MS-2206GP	MB5244AM
MS-2208GP	MB5568AM
MS-2210GP	MB4007AM
MS-2211GP	MB4068AM
MS-2213GP	MB5168AM
MS-2214A	MB5277AM
MS-2215GP	MB5259AM
MS-2300GP	MB3324AM
MS-2304	MB4059AM
MS-2305	MB5220AM
MS-2401	MB4043AM
MS-2402	MB4042AM
MS-2403A	MB 454AM
MS-2404A	MB5556AM
MS-2405	MB5587AM
MS-2501A	MB 416AM
MS-2502A	MB5056AM
MS-2503A	MB4066AM
MS-2505A	MB 490AM
MS-2507A	MB4044AM
MS-2510A	MB4067AM
MS-2511A	MB5238AM
MS-2601GP	MB7073CP
MS-2607GP	MB7072CP
MS-2608GP	MB5265CP
MS-2612GP	MB7074CP
MS-2800GP	MB7067CP
MS-2804GP	MB5316CP
MS-2805A	MB5317AM
MS-3004	MB 512AM
MS-3006	MB 420AM
MS-3008	MB 530AM
MS-3017	MB5519AM
MS-3020	MB5520AM
MS-3782	MB7704AM
MS-3808	MB7703AM
MS-3821	MB 545AM
MS-3863	MB5513AM
SH-1003	CS 305BB
SH-1006	CS 309BB
SH-1056	CS 412BB
SH-1068	CS 413BB
SH-1104	CS 504BB
TW-1000B	TW 204AM
TW-1006B	TW 210AM
TW-1007A	TW 209AM
TW-1024B	TW 157AM
TW-1028GP	TW 272AM
TW-1030GP	TW 118AM
TW-1036BC	TW 295AM
TW-1040B	TW 275AM
TW-1055K	TW 300AM
TW-1056B	TW 225AM
TW-1061GP	TW 222AM
TW-1063B	TW 276AM
TW-1070GP	TW 146AM
TW-1072J	TW 305AM
TW-1075J	TW 265AM
TW-1082B	TW 292AM
TW-1100GP	TW 293AM
TW-1113K	TW 228AM
TW-1115K	TW 307AM
TW-1117K	TW 226AM
TW-1122J	TW 273AM
TW-1129GP	TW 262AM
TW-1133K	TW 230AM
TW-1134GP	TW 110AM
TW-1145K	TW 302AM
TW-1147J	TW 306AM
TW-1153K	TW 266AM
TW-1155GP	TW 263AM
TW-1161A	TW 261AM
TW-1168A	TW 227AM
TW-1179A	TW 160AM

NDC	KING NO
TW-1181A	TW 267AM
TW-1202A	TW 159AM
TW-1208A	TW 138AM
TW-1213GP	TW 139AM
TW-1214A	TW 270AM
TW-1219A	TW 271AM
TW-1400A	TW 231AM
TW-1402A	TW 277AM
TW-1405K	TW 234AM
TW-1408A	TW 278AM
TW-1413A	TW 279AM
TW-1415A	TW 280AM
TW-1417A	TW 281AM
TW-1423A	TW 249AM
TW-1424A	TW 248AM
TW-1426A	TW 282AM
TW-1427A	TW 283AM
TW-1434A	TW 284AM
TW-1435A	TW 285AM
TW-1436A	TW 286AM
TW-1438A	TW 287AM
TW-1440A	TW 288AM
TW-1452A	TW 290AM
TW-1613K	TW 264AM
TW-1616A	TW 118AM
TW-1621A	TW 141AM
TW-1622GP	TW 163AM
TW-1625A	TW 154AM
TW-1626A	TW 142AM
TW-1631A	TW 308AM
TW-1807K	TW 301AM
TW-1820K	TW 303AM
TW-1822GP	TW 247AM
TW-1828A	TW 143AM
TW-1832A	TW 299AM
TW-1834A	TW 173AM
TW-1838J	TW 304AM
TW-1842A	TW 158AM
TW-2007A	TW 268AM
TW-2008A	TW 133AM
TW-2010GP	TW 256AM
TW-2013A	TW 155AM
TW-2016A	TW 269AM
TW-2018A	TW 156AM
TW-2208GP	TW 140AM
TW-2210GP	TW 151AM
TW-2213A	TW 152AM
TW-2215A	TW 153AM
TW-2402A	TW 161AM
TW-2403A	TW 134AM
TW-2405GP	TW 144AM
TW-2500A	TW 147AM
TW-2503A	TW 148AM
TW-2507A	TW 149AM
TW-2510A	TW 150AM
TW-2511A	TW 145AM
TW-2800J	TW 274AM

OEM to KING

OEM	KING NO
4W8092	MB1035CP
4W8093	MB1036CP
4W8091	MB1034CP
4W5738	MB7107CP
9Y9497	CR1204CP
107-7602	MB7739CP
107-7708	MB7739CP
12280-53Y00	TW2002AM
12280-77A00	TW2002AM
12280-88A00	TW2002AM
13202-45011	CR6800AM
13211-PMM-A01	CR4512SI
3019174	MB 714CP
3019180	MB 714CP
3019186	MB 714CP
3019192	MB 714CP
3019198	MB 714CP
3019204	MB 714CP
4W5492	MB5104CP
4W5738	MB5356CP
4W8090	CR8001CP
4W8092	MB5361CP
4W8093	MB5361CP
8-12537-708-0	MB4080SI
87790329	CR6758CP
8N8220	CR6789CP
9Y9497	CR 831CP
(K)JEY1-11-SEO	CR6655AM
~ 0606.T0	CR4353XA
~12111-16V00/02	CR6772AM
0113.91	CR4075AM
0113.92	MB5129AM
0113.H8	MB5062AM
0113.H9	MB5063AM
0113.T5	MB5399SI
0113.T5x5 ; 0113.T2x5	MB5399AM
0118.F3	TW 179AM
02-112-03	MB3319AM
02-203-03	CR4473AM
0222-23-105A	CR4159AM
0222-23-105A	CR4461AM
0222-23-105B	CR4159AM
0222-23-105B	CR4461AM
0249-23-105	CR4437AM
0249-23-110	MB5264AM
0249-23-115	TW 292AM
0259-23-115	TW 294AM
026 105 591B	MB5149AM
026 198 491	MB1252AM
026 198 491	MB5269AM
0268-23-110	MB5264AM
028105701J	CR1622AM
0290-23-105	CR4485AM
0301-23-151	MB5510AM
0305-23-151A	MB 572AM
0305-23-151B	MB 572AM
0305-23-151C	MB 572AM
0305-23-201A	TW 222AM
0305-23-201B	TW 222AM
0305-23-250	CS 314BB
0324-11-380	TW 228AM
0324-23-151A	MB 578AM
03371597	CR1303SI
034 105 701	CR4104AM
034 105 701B40Z	CR4104XP
034 105 707	CR4104AM0.25
034 198 491 D	MB 605AM
034198491D	MB1251AM
035.198.451	MB 601AM
036 105 701	CR 132AM
038 103 673 B GLB	CS 543CP
03C 105 701	CR4527XA
03C 105 701 D 002	CR1621XA
05037578AA	IC1027CP

OEM	KING NO
05086003AB	CR1282CP
052.105.701	CR 408AM
0527-23-105	CR4298CP
0527-23-110	MB5311CP
0552-23-105	CR4159AM
0552-23-105	CR4159AM
0552-23-140	MB 572AM
056.198.451A	MB5070AM
056.198.501	CR 411AM
0606 P8	CR4516SI
0606.K8	CR4191SI
0606.K9	CR4192SX
0606.P0	CR4193XA
0606.Q5	CR4217CP
0636-23-105	CR4298CP
0636-23-110	MB5311CP
0636-23-115	TW 265AM
0660.47.230 Timetallic	IC1613SX
070 105 561C	PN-M 632U-CP
070 105 561C + 070 105	MB 632CP0.25
070 105 561C + 070 105	MB 632CP
070 105 561C + 070 105 9	MB 632CP0.5
070 105 591C	PN-M 632L-CP
0727-23-105	CR6713CP
0727-23-105	CR6714CP
0727-23-110	MB7030CP
0784-23-105	CR6713CP
0784-23-105	CR6714CP
0784-23-110	MB7030CP
07EF01	CR1272CP
1 X ERR6376	IC0116CP
10110-02-112-00	MB 511AM
101-1530	MB7738CP
103.01.090	MB 528AM
103.03.090	CR 466AM
10500-02-203-00	CR4421AM
107-7602	MB7738CP
107-7708	MB7738CP
11 24 7 536 774	CR4528CA
11.21.1.492.117	PN-M5667L-SI
11.21.1.492.118	PN-M5667U-SI
11.21.7.829.946	PN-F5667U-SI
11.21.7.829.946	PN-F5667U-SI
11.21.487.190	PN-M5667L-SI
11.21.487.191	PN-M5667U-SI
11.24.1.485.577	CR4537CA
11.24.1.492.122	CR4538CA
11011-01011	TW 231AM
11011-10010	TW 280AM
11011-10011	TW 280AM
11011-10020	TW 280AM
11011-11010	TW 225AM
11011-11010	TW 248AM
11011-11020	TW 248AM
11011-15010	TW 231AM
11011-15020	TW 231AM
11011-17010	TW 286AM
11011-22010	TW 225AM
11011-22011	TW 225AM
11011-25010	TW 226AM
11011-31011	TW 209AM
11011-31020	TW 209AM
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11011-33010	TW 230AM
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11011-35010	TW 230AM
11011-35011	TW 230AM
11011-35020	TW 234AM
11011-38010	TW 230AM
11011-38011	TW 230AM
11011-40010	TW 210AM
11011-43010	TW 210AM
11011-45010	TW 210AM
11011-46010	TW 276AM

OEM	KING NO
11011-46020	TW 276AM
11011-50010	TW 288AM
11011-54010	TW 261AM
11011-54020	TW 261AM
11011-56010	TW 281AM
11011-56020	TW 281AM
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11011-64010	TW 278AM
11011-66020	TW 287AM
11011-67020	TW 290AM
11011-68010	TW 276AM
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11011-70010	TW 277AM
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11011-76005-71	TW 230AM
11011-76006-71	TW 276AM
11011-76007-71	TW 279AM
11011-76008-71	TW 283AM
11011-76009-71	TW 275AM
11011-76010	TW 275AM
11011-76013-15-71	TW 226AM
11011-78300	TW 282AM
11011-87101	TW 145AM
11011-87201	TW 149AM
11011-87701	TW 147AM
11011-87701	TW 131AM
11011-87702	TW 148AM
11012-67020	TW 290AM
11013-67020	TW 290AM
11071-43010-01~05	MB 787AM
11071-61010-01~05	MB4037AM
11071-62011	MB 465AM
11071-63020-01~05	MB5554AM
11071-65010	MB4012AM
11071-68020-01~02	MB7029AM
11071-70010-01~03	MB7051AM
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11071-88340-01~3	MB7052AM
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1-11510-074-2	MB7713CP
1-11510-084-0	MB7713CP
1-11515-040-0	TW 264AM
1-11680-001-0	TW 263AM
1-11680-001-1	TW 263AM
1-11680-001-2	TW 263AM
1-11685-001-1	TW 263AM
112.1.012.1A	IC1612SX
112.1.012.1B	IC1612SX
112.1.012.1C	IC1612SX
112.1.012.1D	IC1612SX
112.1.012.1E	IC1612SX
112.1.071.1C	IC1611SX
112.1.077.1AA/B/C/D/E/	IM1247SX
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1-12271-009-0	CR6783CP

OEM	KING NO
1-12271-020-0	CR6785CP
1-12271-023-0	CR6783CP
1-12271-028-0	CR6785CP
1-12271-029-0	CR6783CP
1-12271-048-0	CR6785CP
1-12271-055-0	CR6784CP
1-12271-070-0	CR4043AM
113.105.701	CR 409CP
113.105.701	CR 409CP
11701-10010-01~03	MB5095AM
11701-11010-01~05	MB5564AM
11701-13010-03~07	MB 551AM
11701-13011-03~07	MB5077AM
11701-15010-01~03	MB 535AM
11701-15011-01~03	MB 535AM
11701-15030	MB 535AM
11701-15030-01~03	MB5527AM
11701-15050-01~03	MB5527AM
11701-1601	MB5521AM
11701-16010-01~05	MB5527AM
11701-1602	MB7065CP
11701-1641	MB7065CP
11701-1661	MB7065CP
11701-17010	MB7028AM
11701-17010-02~06	MB 623AM
11701-1790	MB7065CP
11701-20010	MB4011AM
11701-21020	MB5394AM
11701-22010	MB5287AM
11701-22011-02	MB5287AM
11701-22011-02 x 5	MB5287SI
11701-30020-02x5	MB5423SI
11701-35030-03~05	MB 506AM
11701-37010-01	MB5656SI
11701-43010-01~05	MB 787AM
11701-54040-01~03	MB5144AM
11701-54060-01~03	MB5145AM
11701-54061-01~03	MB5145AM
11701-55010-01~03	MB5096AM
11701-55020-01~03	MB5096AM
11701-56010-010-020	MB5059AM
11701-56010-010-020	MB5060AM
11701-56020-010-020	MB5059AM
11701-56020-010-020	MB5060AM
11701-56030-010-020	MB5059AM
11701-56030-010-020	MB5060AM
11701-56040-010-020	MB5059AM
11701-56040-010-020	MB5060AM
11701-61010-01~05	MB4037AM
11701-62020	MB 465AM
11701-62020	MB4070AM
11701-62021	MB 465AM
11701-63020-01~03	MB5554AM
11701-63021-01~03	MB7050AM
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11701-63021-01~05	MB5554AM
11701-64010-01~03	MB5085AM
11701-64030-01~03	MB5085AM
11701-64040-01~03	MB5085AM
11701-64050	MB5086AM
11701-64050-01~03	MB5085AM
11701-64071	MB5318AM
11701-65010	MB4012AM
11701-65011	MB4012AM
11701-66020	MB7049AM
11701-67020	MB5320SI
11701-67021	MB5320SI
11701-68020-01~02	MB7029AM
11701-70011-01~03	MB7050AM
11701-70012-01~03	MB5554AM
11701-70012-01~03	MB7050AM
11701-70020-01~03	MB7051AM
11701-70021-01~03	MB7051AM
11701-71020-01~03	MB5563AM
11701-75010-01~03	MB5089AM
11701-76001-05-71	MB4037AM
11701-76001-05-71	MB5077AM

OEM	KING NO
11701-76011~12-71	MB7029AM
11701-76013-15~71	MB5563AM
11701-76020	MB 764AM
11701-78200~2-71	MB5319AM
11701-78300-01~03	MB5321AM
11701-78300-01~03	MB7093AM
11701-87101-01~07	MB5238AM
11701-87102	MB5238AM
11701-87102-01~07	MB5238AM
11701-87201-02	MB4044AM
11701-87202-02	MB4044AM
11701-87204-02	MB4044AM
11701-87205-02	MB4044AM
11701-87206-02	MB4044AM
11701-87207-02	MB4044AM
11701-87703-01~05	MB 416AM
11701-87704-02	MB4066AM
11701-87705-02	MB 490AM
11701-87706-02	MB 490AM
11701-88280-02~06	MB 552AM
11701-88300-01~03	MB7050AM
11701-88300-01~03	MB7051AM
11701-88340/1-01~3	MB7052AM
11701-88342-01~05	MB5554AM
11701-88360-01~03	MB7050AM
11701-88360-01~03	MB7051AM
11701-88360-01~05	MB5554AM
11701-88360-01~05	MB5554AM
11701-97202-010	CR 339AM
11701-97202-010	MB4100AM
11701-BZ091-02	MB5663SI
11702-22010	MB 551AM
11702-22020	MB 551AM
11702-25011	MB 552AM
11702-25012	MB 552AM
11702-25013	MB 552AM
11702-27012	MB 552AM
11702-31011	MB 348AM
11702-31020	MB 348AM
11702-	MB 547AM
11702-33012	MB 547AM
11702-38010	MB 580AM
11702-38011	MB 506AM
11702-40020	MB3304AM
11702-41010	MB 767AM
11702-43010	MB 787AM
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11702-60012	MB 434AM
11702-60013	MB 429AM
11702-60020	MB 434AM
11702-61010	MB4037AM
11702-68020	MB7029AM
11702-71020	MB5563AM
11702-76002-71	MB3312AM
11702-76003-71	MB3343AM
11702-76004-71	MB3343AM
11702-76005-71	MB7029AM
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11702-76009-71	MB 429AM
11702-76010-71	MB7029AM
11702-76011-71	MB 764AM
11702-77010	MB 764AM
11702-87206	MB4044AM
11702-87207	MB4044AM

OEM	KING NO
11702-87305	MB5583AM
11702-87306	MB5056AM
11702-87703	MB 416AM
11702-87704	MB 416AM
11702-87705	MB 490AM
11702-87706	MB 490AM
11702-87707	MB 490AM
11702-87708	MB4066AM
11702-87710	MB 490AM
11702-88260	MB 552AM
11702-88261	MB 552AM
11702-88270	MB 547AM
11703-31020	MB 348AM0.25
11704-21010	MB5394AM
11704-22030	MB5287AM
11704-31020	MB 348AM0.5
11704-46020	MB7084AM
11704-60012	MB 434AM0.25
11704-60013	MB 429AM0.25
11704-60013	MB 429AM
11704-61010	MB4037AM
11704-65010	MB 465AM
11704-67020	MB5320SI
11705-31020	MB 348AM0.75
11705-60012	MB 434AM0.5
11705-60013	MB 429AM0.5
11705-60013	MB 429AM
11705-61010	MB4037AM
11705-67020	MB5320SI
11706-60012	MB 434AM0.75
11706-60013	MB 429AM0.75
11706-60013	MB 429AM
11706-61010	MB4037AM
11707-31020	MB 348AM1.0
11707-60012	MB 434AM1.0
11707-60013	MB 429AM1.0
11791-0D030	TW 187AM
11802-22010	CS 412BB
11802-25010	CS 504BB
11802-33010	CS 413BB
11802-56011	CS 324AM
11902-87702	CS 202AM
12100-60820	CR4056AM
12100-82810	CR 307AM
12100-82810	CR4020AM
12100-82820	CR4020AM
12100-85822(4)	CR4262AM
12100-85822(6)	CR6816SI
12100-85822-OAO	CR4262AM
12100-85823	CR4262AM
12100-86810	CR4020AM
12100-86810	CR4244AM
12108-AA000	CR4445AM
12108-AA040	CR4088AM
12108-AA090	CR4445AM
12108-AA130	CR6753AM
12108AA210~240	CR4125CP
12108AA210~240	CR4125SI
12108-AA290	CR4166CP
12108-AA530	CR4280CP
12108AA570~600	CR4280SI
12108KA110	CR 321AM
12108-KA110	CR 312AM
12108-KA110	CR 321AM
12110-0T003	CR4278AM
12111-01B00	CR4005AM
12111-01B11	CR4005AM
12111-01E00	CR 407AM
12111-02N00	CR4228CP
12111-02N01	CR4228CP
12111-02P00	CR6676SI
12111-02P00	CR6624AM
12111-03E00	CR 407AM
12111-03J00	CR6715AM
12111-05U00/02	CR6697SI
12111-09405	CR4424AM
12111-0B100	CR6676SI

OEM	KING NO
12111-10V03	CR6772AM
12111-11M00	CR 426AM
12111-11M20	CR 426AM
12111-11M21	CR 426AM
12111-12210	CR4443AM
12111-16700	CR4424AM
12111-16A00	CR 407AM
12111-16V00~02	CR6765AM
12111-17B00	CR4005AM
12111-17M00	CR 426AM
12111-18000	CR4442AM
12111-19V00~02	CR6695AM
12111-19V00~04	CR 407AM
12111-20900	CR4442AM
12111-20910	CR4442AM
12111-21000	CR4431AM
12111-22J00~02	CR4230AM
12111-30P60~63	CR6676SI
12111-31P00~03	CR6676SI
12111-31U10	CR6752AM
12111-40F00	CR4065AM
12111-40V10	CR6676SI
12111-42L00~02	CR6695AM
12111-43G00	CR4162CP
12111-43G00	CR6698CP
12111-43G01	CR4162CP
12111-43G01	CR6698CP
12111-45V00~02	CR6676SI
12111-4P110	CR6774AM
12111-4W000	CR6775AM
12111-50Y00~02	CR 426AM
12111-53Y00~02	CR 426AM
12111-58010	CR6608AM
12111-58S00~02	CR6765AM
12111-60J00	CR4136AM
12111-67S00~02	CR6676SI
12111-73400	CR4431AM
12111-73400	CR6607AM
12111-77A00	CR 426AM
12111-77A00~02	CR 426AM
12111-85G00	CR4277AM
12111-B3000	CR4424AM
12111-D020	CR6621CP
12111-D0200	CR6627AM
12111-D0200	CR 407AM
12111-D0210	CR 407AM
12111-D2800	CR 407AM
12111-D4200~02	CR 407AM
12111-E3000	CR6607AM
12111-F5100	CR4431AM
12111-F5100	CR6607AM
12111-F6300	CR6771AM
12111-F6500~02	CR6676SI
12111-H1001	CR4442AM
12111-H1010	CR4442AM
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12111-V0715	CR4431AM
12111-V5001	CR6771AM
12111-V5211	CR6676SI
12111-V5500	CR 407AM
12111-V7200~02	CR6696AM
12117-37503/2	CR 472AM
12117-37503/2	CR6651AM
12117-37505/4	CR 472AM
12117-37505/4	CR6651AM
12117-58010	CR6608AM0.25
12117-Y5200	CR 472AM

OEM	KING NO
12117-Y5200	CR6651AM
12117-Y5210	CR 472AM
12117-Y5210	CR6651AM
12117-Z5000	CR6741CP
12117-Z5500	CR6741CP
12117-Z5510	CR6741CP
12117-Z5560	CR6742CP
12117-Z5561	CR6742CP
12118-58010	CR6608AM0.5
12119-58010	CR6608AM0.75
1211-9C625	CR4283CP
12120-58010	CR6608AM1.0
12181-73000	CR 324AM
12181-73000	CR4489AM
12181-73001	CR 324AM
12181-73001	CR4489AM
12181-78110	CR 323AM
12181-78130	CR 323AM
12181-78400	CR 324AM
12181-81050	CR 324AM
12181-81050	CR4489AM
12181-81051	CR 324AM
12181-81051	CR4489AM
12181A81051-0A0	CR 346AM
12207-01E00	MB5305AM
12207-01E00	MB5529AM
12207-01M00	MB5524AM
12207-02P25	MB4008AM
12207-03J00	MB7027AM
12207-05E00	MB5021AM
12207-05U00	MB7092AM
12207-06J10	MB7006CP
12207-06J11	MB7006CP
12207-0T003	MB5316CP
12207-17M00	MB5524AM
12207-18V00~04	MB5305AM
12207-18V00~04	MB5529AM
12207-19V00~04	MB7008AM
12207-21000	MB 534AM
12207-23000	MB 534AM
12207-23001	MB 534AM
12207-2W211	MB5317AM
12207-37502	MB 359AM
12207-37503	MB 359AM
12207-37504	MB 359AM
12207-37505	MB 359AM
12207-37506	MB 359AM
12207-40F00	MB5595AM
12207-42L10~14	MB7008AM
12207-43G00	MB5029CP
12207-43G10	MB5029CP
12207-50K00	MB5306AM
12207-50Y00~04	MB5581AM
12207-53Y00~04	MB5581AM
12207-54A00~04	MB5305AM
12207-54A00~04	MB5529AM
12207-54T00	MB5029CP
12207-54T10	MB5029CP
12207-57J00~04	MB5305AM
12207-57J00~04	MB5529AM
12207-58010	MB 769AM
12207-60J00	MB5243AM
1220761507	MB 473AM
12207-73400	MB 768AM
12207-77A00~04	MB5581AM
12207-77A10~14	MB5581AM
12207-78200	MB 549AM
12207-78400	MB 549AM
12207-C6000	MB7006CP
12207-C6001	MB7006CP
12207-C6001	MB7026CP
12207-C6002	MB7006CP
12207-D0200	MB5305AM
12207-D0200	MB5529AM
12207-D4200~04	MB5305AM
12207-D4200~04	MB5529AM
12207-E0702	MB 549AM

OEM	KING NO
12207-H1000	MB 553AM
12207-H1001	MB 553AM
12207-L6200	MB7006CP
12207-L6201	MB7006CP
12207-M5600	MB 553AM
12207-M5601	MB 553AM
12207-M7200	MB 553AM
12207-M7201	MB 553AM
12207-M7701	MB3310AM
12207-U6000	MB 587AM
12207-U6001	MB 587AM
12207-V1700	MB5159AM
12207-V1701	MB5159AM
12207-V7200~04	MB7058AM
12207-W3400	MB 534AM
12207-Z5000	MB7066CP
12207-Z5025	MB7066CP
12207-Z5125	MB7066CP
12207-Z5225	MB7066CP
12207-Z5325	MB7066CP
12207-Z5500	MB7066CP
12207-Z5510	MB7066CP
12208-40F00	MB5595AM
12208-9E000	MB5245AM
12209-58010	MB 769AM0.25
12209-9C600	MB5325CP
12209-AA000	MB5249CP
12209-AA040	MB5220AM
12209-V7200~04	MB7058AM
12210-59010	MB 769AM0.5
12211-58010	MB 769AM0.75
12211-AA000	MB4059AM
12212-58010	MB 769AM1.0
12212-AA000	MB4059AM
12213-Z5500	MB7067CP
12213-Z5505	MB7067CP
12214-40V00~04	MB4071AM
12214-40V10~14	MB4071AM
12215/31-02P25	MB 453AM
12215-01B10~16	MB5545AM
12215-02P25~29	MB4071AM
12215-21B00~06	MB5545AM
12215-40F00	MB5245AM
12215-AA000	MB3324AM
12215-AA000	MB4059AM
12215-D4225~29	MB5305AM
12215-D4225~29	MB5529AM
12215-F6500	MB4071AM
12215-G5525~28	MB5021AM
12215-V1700	MB5159AM
12215-Z5025	MB7066CP
1221601B10	CR4005AM
12216-01B10~16	MB5545AM
12223-03J00	MB7027AM
12223-21B00~06	MB5545AM
12230-02P00~04	MB4071AM
12230-40V00~04	MB4071AM
12230-40V10~14	MB4071AM
12231-01W00	MB3305AM
12231-01W10	MB3305AM
12231-02P25~29	MB4071AM
1223113200	MB 347AM
12231-A3801	MB3305AM
12231-B5000	MB3305AM
12231-G5525~28	MB5021AM
12247-02P00~04	MB4071AM
12247-42L00~04	MB7008AM
12247-D4225~29	MB5305AM
12247-D4225~29	MB5529AM
12247-G5525~28	MB5021AM
12255-02P00~04	MB4071AM
12255-42L00~04	MB7008AM
12261-02P00~04	MB4071AM
12261-05U00	MB7092AM
12261-18V00~04	MB5305AM
12261-18V00~04	MB5529AM
12261-19V00~04	MB7008AM

OEM	KING NO
12261-40V00-04	MB4071AM
12261-40V10-14	MB4071AM
12261-42L00-02	MB7058AM
12261-42L00-04	MB7008AM
12261-42L08-09	MB7058AM
12261-54A00-04	MB5305AM
12261-54A00-04	MB5529AM
12261-D0200-04	MB5305AM
12261-D0200-04	MB5529AM
12261-D4200-04	MB5305AM
12261-D4200-04	MB5529AM
12280/12281-B3000	TW 204AM
12280/12281-B5200	TW 204AM
12280-01B00	TW 159AM
12280-01B01	TW 159AM
12280-1/30800	TW 204AM
12280-37525-27	TW 272AM
12280-53Y00	TW 138AM
12280-60J00	TW 139AM
12280-60U00	TW 270AM
12280-77A00	TW 138AM
12280-88A00	TW 138AM
12280-B5225	TW 204AM
12280-J2025-27	TW 273AM
12280-Z5025-27	TW 273AM
12280-Z5125-27	TW 274AM
12280-Z5225-27	TW 274AM
12281-37502-04	TW 272AM
12281-37503-05	TW 272AM
12281-60U00	TW 270AM
12300-60820	TW 144AM
12300-61810-0A0	MB4271AM
12300-73810	MB5501AM
12300-73811	MB5501AM
12300-73812	MB5501AM
12300-73830	TW 160AM
12300-78810	MB4042AM
12300-78811	MB4042AM
12300-78812	MB4042AM
12300-78830	TW 161AM
12300-78860	MB4043AM
12300-82810	MB 454AM
12300-82810	MB5556AM
12300-82820	TW 134AM
12300-85830	TW 168AM
123220-02110	MB1173CP
123220-02920	MB1173CP0.25
123220-23300	CR1274CP
12330-40U10~	MB4008AM
12340-60A10	MB5587AM
12340-82000	MB 454AM
12340-82000-0A0~0E0	MB 454AM
12340-82820	TW 134AM
12340-83000	MB5556AM
12340-85FB0-OAO	MB5285AM
12340-85FB2-OAO	MB5285AM
12341-78101	MB4042AM
123460-02100	MB1172CP
123460-021120	MB1174CP
12350-74000	TW 147AM
12351-78100	TW 161AM
1240600-23300	CR1271CP
12482716	CR1330SI
12482716	CR4529SI
12508101	PN-M5410/1-SI
12508102	PN-M5410/5-SI
12508103	PN-F5410-SI
129350-02120	MB1167CP
129350-02130	MB1168CP
13002-H1020	CS 502BB
13014-PD1-S10	TW 110AM
13014-PD1-S20	TW 110AM
13014-PG6-S10	TW 140AM
13014-PG6-S20	TW 140AM
13022~13028-PE0-S10	CR4258AM
13022~13028-PE0-S20	CR4258AM
13022~13028-PG6-S10	CR4046AM

OEM	KING NO
13022~13028-PG6-S20	CR4046AM
13022-8-PE1-S10/S20	CR4139AM
13022-P0G-A00	CR6738AM
13022-PR4-S10	CR4046AM
13032~13038-PC0-S20	MB5244AM
13032~13038-PE0-660	MB5244AM
13032~13038-PH3-S10	MB5568AM
13032~13038-PH3-S20	MB5568AM
13032~13038-PR3-S10	MB5259AM
13032~13038-PR3-S20	MB5259AM
130-3509092-01	CR1012AM
13041-01010-01~03	CR 429AM
13041-01010-01~03	CR4032SI
13041-10020-01~03	CR4229AM
13041-11010-01~03	CR4027AM
13041-11020-01~03	CR4027AM
13041-13040-03~07	CR4205AM
13041-13040-03~07	CR4446AM
13041-15010-01~03	CR 413AM
13041-15011-01~03	CR 413AM
13041-15030-01~03	CR 429AM
13041-16010-01~03	CR 429AM
13041-16040-01~03	CR 429AM
13041-16041-01~03	CR 429AM
13041-16070-01~03	CR4032SI
13041-16071	CR4032CP
13041-16071	CR4032SI
13041-16090	CR4121AM
13041-16090-01~03	CR4288AM
13041-17010	CR6716AM
13041-17010-02~06	CR 518AM
13041-17011	CR4288AM
13041-18010-03~07	CR4241AM
13041-18011-03~07	CR4241AM
13041-20010	CR6686AM
13041-21020	CR4349CP
13041-22020	CR4263SI
13041-22024-02 x 8	CR4263SI
13041-26010-01	CR4523XA
13041-30020-02	CR1291SI
13041-30020-02 x 8	CR4390SI
13041-35020-0A~0C	CR6718AM
13041-35020-A0~C0	CR6718AM
13041-35030	CR4480AM
13041-35030-A0~C0	CR4129AM
13041-42010-01~05	CR 696AM
13041-46013-01	CR6754CP
13041-50020-01~05	CR 888CP
13041-54012-01~03	CR4102AM
13041-54013-01~03	CR4102AM
13041-54024-01~03	CR4102AM
13041-54040-01~03	CR4187AM
13041-54041-01~03	CR4187AM
13041-55010-01~03	CR4231AM
13041-55020-01~03	CR4231AM
13041-56010-010~020	CR4137AM
13041-56020-010~020	CR4190AM
13041-56030-010~020	CR4190AM
13041-56040-010~020	CR4189AM
13041-58010-010~020	CR4052AM
13041-62010	CR6634AM
13041-62020	CR6669AM
13041-62030	CR6669AM
13041-63020-01~03	CR4018AM
13041-64010-01~03	CR4215AM
13041-64010-01~03	CR4216AM
13041-64030-01~03	CR4215AM
13041-64030-01~03	CR4216AM
13041-64031-01~03	CR4215AM
13041-64031-01~03	CR4216AM
13041-64041-01~03	CR4215AM
13041-64041-01~03	CR4216AM
13041-64050-01~03	CR4215AM
13041-64050-01~03	CR4216AM
13041-64071	CR4281AM
13041-65010	CR6641AM
13041-66020	CR6727AM

OEM	KING NO
13041-67030	CR4222SI
13041-67031	CR4222SI
13041-68020-01~02	CR6728AM
13041-68040-01~02	CR6728AM
13041-68050	CR6717AM
13041-70010-03~05	CR 616AM
13041-70020-03~05	CR 623AM
13041-71011-06~08	CR4028AM
13041-71020-06~08	CR4028AM
13041-71021-06~08	CR4028AM
13041-74010-01~03	CR4209CP
13041-74030	CR4135AM
13041-74040	CR4135AM
13041-75010-01~03	CR4219AM
13041-75020	CR4219AM
13041-76001~03-71	CR4205AM
13041-76001~03-71	CR4446AM
13041-76006~08-71	CR6718AM
13041-76009-71	CR6718AM
13041-76010~11-71	CR6728AM
13041-76012~14-71	CR 473AM
13041-76012~14-71	CR6728AM
13041-76014-15~71	CR4028AM
13041-76016-17~71	CR4028AM
13041-76018-20~71	CR4215AM
13041-76018-20~71	CR4216AM
13041-76021-71	CR4028AM
13041-78200~2-71	CR4282AM
13041-87101-01~05	CR4130AM
13041-87102	CR4130AM
13041-87102-01~05	CR4130AM
13041-87103-01~05	CR4130AM
13041-87201-02	CR 309AM
13041-87202-02	CR 309AM
13041-87203-020	MB4100AM
13041-87204-02	CR 309AM
13041-87205-02	CR 309AM
13041-87701-02	CR 330AM
13041-87702-02	CR 306AM
13041-87703-01~05	CR 306AM
13041-87704-02	CR 329AM
13041-87705-02	CR 306AM
13041-88281-03~07	CR4241AM
13041-88300-03~05	CR 616AM
13041-88301-03~05	CR 623AM
13041-88340-03~05	CR 626AM
13041-88341-03~05	CR 623AM
13041-88360-01~03	CR4209CP
13041-BZ010	CR4530XA
13041-BZ081	CR4535XA
1315/16007	CR4415AM
1316-PC6-003	CR 439AM
13201-1580	CR6740CP
13201-1590	CR6740CP
13201-1600	CR6740CP
13202-13010	CR4205AM
13202-13010	CR4446AM
13202-22010	CR4205AM
13202-22010	CR4446AM
13202-25010	CR4085AM
13202-25011	CR4085AM
13202-31010	CR4425AM
13202-31020	CR4425AM
13202-33010	CR4129AM
13202-33011	CR4129AM
13202-38010	CR4129AM
13202-38011	CR4129AM
13202-38011	CR4480AM
13202-40021	CR4430AM
13202-41010	CR6605AM
13202-44010	CR4429AM
13202-44011	CR4429AM
13202-44012	CR4429AM
13202-44040	CR4429AM
13202-45010	CR6605AM
13202-45011	CR6605AM
13202-46010	CR 473AM

OEM	KING NO
13202-47011	CR6719AM
13202-47011	CR6728AM
13202-48010	CR 473AM
13202-54010	CR4093AM
13202-54011	CR4093AM
13202-56010	CR4137AM
13202-58010	CR4052AM
13202-60010	CR6606AM
13202-60011	CR6606AM
13202-76002-71	CR4429AM
13202-76003-71	CR4429AM
13202-76004-71	CR6719AM
13202-76004-71	CR6728AM
13202-76005-71	CR 473AM
13202-76006-71	CR6606AM
13202-76007-71	CR 649AM
13202-77010	CR 649AM
13202-77020	CR 649AM
13202-87204	CR 309AM
13202-87205	CR 309AM
13202-87303	CR4053AM
13202-87303	CR4185AM
13202-87305	CR4053AM
13202-87701	CR 330AM
13202-87703	CR 306AM
13202-87704	CR 306AM
13202-87705	CR 306AM
13202-87706	CR 329AM
13202-88260	CR4085AM
13202-88261	CR4085AM
13202-88281	CR4241AM
13204-21030	CR4349CP
13204-31020	CR4425AM0.25
13204-60011	CR6606AM0.25
13204-60011	CR6606AM
13204-61020	CR6718AM
13204-65020	CR6641AM
13204-67030	CR4222SI
13204-71011	CR4028AM
13205-31020	CR4425AM0.5
13205-60011	CR6606AM0.5
13205-60011	CR6606AM
13205-61020	CR6718AM
13205-67030	CR4222SI
13205-71011	CR4028AM
13206-31020	CR4425AM0.75
13206-60011	CR6606AM0.75
13207-31020	CR4425AM1.0
13207-60011	CR6606AM1.0
13211~13215-PH7-013	CR6738AM
13211~13215-PH7-014	CR6738AM
13211~13217-634-003/004	CR4462AM
13211~13217-642-003/004	CR4463AM
13211~13217-PA5-003/004	CR4462AM
13211~13217-PB2-003/004	CR4463AM
13211~13217-PB9-003/004	CR4462AM
13211~13217-PC0-004	CR4257AM
13211~13217-PC1-	CR4463AM
13211~13217-PC6-	CR 439AM
13211~13217-PD1-003	CR4462AM
13211~13217-PD2-004	CR 439AM
13211~13217-PD4-003	CR4261AM
13211~13217-PD4-004	CR4261AM
13211~13217-PE0-003	CR4258AM
13211~13217-PE0-004	CR4258AM
13211~13217-PE0-661	CR4259AM
13211~13217-PE0-662	CR4259AM
13211~13217-PE1-003	CR4139AM
13211~13217-PE1-004	CR4139AM
13211~13217-PG6-003	CR4046AM
13211~13217-PG6-004	CR4046AM
13211~13217-PH3-003	CR4033AM
13211~13217-PH3-004	CR4033AM
13211~13217-PH6-013	CR6768AM
13211~13217-PH6-014	CR6768AM
13211~13217-PJ7-003	CR4260AM
13211~13217-PJ7-004	CR4260AM

OEM	KING NO
13211~13217-PK1-003	CR 439AM
13211~13217-PR3-004	CR4046AM
13211~13217-PR3-S20	CR4046AM
13211~13217-PR4-A01	CR 439AM
13211~13217-PR4-A02	CR 439AM
13211-634-003	CR4462AM
13211642000	CR4463AM
13211-P2F-A01	CR4242AM
13211-PE1-003	CR4139AM
13211-PH7-003	CR6738AM
13211-PY3-003	CR6759AM
13212-PR4-A02	CR4337HP
13213-PG6-003	CR4046AM
13213-PH3-003	CR4033AM
13213-RNA-A01 x 8	CR4400CP
13214-PMMA-A01 x 8	CR4399SX
13214-REA-Z01 x 8	CR4398CP
13215-P13-014	CR4033AM
13281-68020	CR 473AM
13281-75020	CR4289AM
13321~13325-PH6-	MB4068AM
13321~13325-PH6-013	MB4068AM
13321~13325-PH7-	MB4007AM
13321~13325-PL2-003/004	MB4007AM
13321~13325-PL2-J01/J02	MB4007AM
13321~13327-634-003/004	MB5168AM
13321~13327-634-0031	MB5168AM
13321~13327-634-305	MB5168AM
13321~13327-634-306	MB5168AM
13321~13327-PC0-003	MB5244AM
13321~13327-PC0-004	MB5244AM
13321~13327-PC0-014	MB5244AM
13321~13327-PC6-003	MB5168AM
13321~13327-PC6-004	MB5168AM
13321~13327-PD2-004	MB5168AM
13321~13327-PE0-004	MB5244AM
13321~13327-PE0-661	MB5244AM
13321~13327-PE0-662	MB5244AM
13321~13327-PG6-	MB5568AM
13321~13327-PH6-	MB5568AM
13321~13327-PJ7-003	MB5277AM
13321~13327-PJ7-004	MB5277AM
13321~13327-PM6-	MB5568AM
13321~13327-PR3-	MB5259AM
13321-634-305/6	MB5168AM
13321-P2F-A01	MB5568AM
13321-PC6-003	MB5168AM
13321-PE0-044	MB5244AM
13321-PE6-003	MB5168AM
13321-PG6-003	MB5568AM
13321-PR3-003	MB5259AM
13321-PT0-003	MB5168AM
13321-PT0-003/4	MB5168AM
13321-PT0-004	MB5168AM
13322-P2F-A01	MB5568AM
13324-RNA-A02+13344-	MB5428CP
13325-PCA-004	MB5568AM
13325-PTO-004	MB5168AM
13326-P2F-A01	MB5568AM
13331-634-003	TW 110AM
13331-634-003	TW 110AM
13331-634-004	TW 110AM
13331-PD1-003	TW 110AM
13331-PD1-004	TW 110AM
13331-PG6-003	TW 140AM
13331-PG6-004	TW 140AM
13331-PH7-004	TW 151AM
13331-PR3-003	TW 140AM
13331-PR3-S10/S20	TW 153AM
13331-PT0-003	TW 152AM
13331-REA-Z01	TW 189AM
13341~13345-PH6-	MB4068AM
13341~13345-PH6-013	MB4068AM
13341~13345-PH7-	MB4007AM
13341~13345-PL2-003/004	MB4007AM
13341~13345-PL2-J01/J02	MB4007AM

OEM	KING NO
13341~13347-PR3-	MB5259AM
13341-PY3-004	MB4062AM
13344-REA-Z01+13324-	MB5427SI
13345-P5A-003	MB4062AM
1363-23-105	CR4186CP
1363-23-110	MB5057CP
1399547	CR1305SI
1456-23-105A	CR4295AM
1456-23-110	MB5332CP
1456-23-115	TW 267AM
1810 083M91	CR 438AM
1810 084M91	CR 438AM 010
1810 085M91	CR 438AM 020
1810 086M91	CR 438AM 030
182200	MB5348CP
182210	MB5348CP
182230	MB5348CP
1835094C1 X12	CR6797CP
1835101C1/2C1	MB5378CP
1901073	MB5041AM
1901074	TW 113AM
1901609	CR1209AM
1901614	CR 155CP
1901619	CR1213CP
1901803	MB 1720CP
1901827	MB5649CP
1901832	MB7742CP
1901926	CR4073CP
1901985	CR4154CP
1901993	CR1214CP
1905859	MB7015CP
1905864	CR1215CP
1930176	MB 147CP
1930181	CR 183CP
1930201	CR1208CP
1930812	MB 1930CP
1S7G-6A338/333	MB5442SI
200600	CR1243CP
20302037G+20302038F	MB1230CP
203660x1	CR1283SI
203660x6	CR 675SI
203670	CR 476CP
203670	CR 476SI
203670x1	CR1286SI
203670x6	CR 662SI
205112	MB7106CP
205140	MB7106CP
205160	MB7106CP
205840	CR6788CP
21010-22540	MB5022AM
21010-23140	MB5256AM
21020 2A923	MB5657SI
21020-23140	MB5256AM
21020-23901	MB5256AM
21020-26040	MB5022AM
21020-26640	MB5022AM
21020-27905	MB4106AM
21020-35750	MB4050AM
21020-38540	MB5315AM
21020-42030	MB5342AM
21020-4A900	MB5651SI
21021 2A900	MB5657SI
212-4893	MB7738CP
214950x1	CR1284SI
214950x6	CR6647SI
23060 2A912	CR4522XA
23060-21124	CR4497AM
23060-23140	CR4235AM
23060-23902	CR4235AM
23060-26040	CR4157AM
23060-26640	CR4157AM
23060-27900	CR 341SI
23060-4A900	CR4518CP
23611-42000	CR4300AM
247583	PB 145CP
250307	IC1031AM
250308	IC1031AM0.20

OEM	KING NO
256Q6211AC	CR4353CP
2945050	CR4370CA
2945051	CR4370CA0.25
2945051	CR4370XA0.25
2945060	MB5411AM
2945061	MB5411AM0.25
2991776	MB1231CPSTD
2991778	CR1308CPSTD
2991780 (Red)	MB1234CP
2991836	MB1231CPSTD
2991840 (Green)	MB1234CP
2991843	CR1308CPSTD
2992137	MB1233CPSTD
2992138	MB1233CPSTD
2992141	MB1233CP0.25
2992151	CR1305SI0.25
2992152	CR1305SI0.5
2992158	CR1310CPSTD
2992159	CR1310CPSTD
2995574	MB5444AM
2995577	CR1313CA
2995787	MB1235SI
2995788	MB1235SI0.25
2995991	MB1232CPSTD
2995995	MB1232CP010
2995999	CR1311CPSTD
2996000	CR1311CPSTD
2996044	CR1305SI
2996204	CR1312CA
2996205	CR1312CA 010
2996449 (Blue)	MB5445SI
2S6Q 6A339AA	TW 179AM
3 X WAM402730L+7 X	MB5011AM
30009-18103	TW 295AM
30009-18104	TW 295AM
30009-22002	MB 719CP
30009-26004	MB 719CP
30009-31002	MB 719CP
30009-39002	MB 719CP
30009-39004	MB 719CP
30019-12102	CR 636CP
3019174	MB5347CP
3019180	MB5347CP
3019186	MB5347CP
3019192	MB5347CP
3019198	MB5347CP
3019204	MB5347CP
30319-10010	MB5251CP
3047390	CR1244CP
3055130R21	MB 437AM
3055351R91	CR 196AM
3056879R11X1	CR 196AM0.5
3070536R11	CR4038AM
30809-08201	TW 300AM
30909-00010	MB 710CP
30919-02101	CR 635CP
30919-02102	CR 635CP
31109-07101	TW 305AM
31109-07109	TW 305AM
31137211	TW 260AM
31137221	TW 260AM
31137551	TW 208AM
31209-78101	TW 306AM
31309-08100	TW 307AM
31309-08101	TW 307AM
3132101R91	CR6665AM
3136203R91	CR6665AM0.25
3136329R91	CR6665AM0.5
3144688R92	CR1217CP
316-36	CR1207AM
316-61	CR1206AM
3218422R91	CR6666AM
3228663R91	CR6666AM0.25
3228667R91	CR6666AM0.5
3637501M91	MB4085CP
3637502M91	MB4085CP 010
3637503M91	MB4085CP 020

OEM	KING NO
3637504M91	MB4085CP 030
3640873M91	MB7109CP
3641225M91	MB7109CP 010
3641226M91	MB7109CP 020
3641227M91	MB7109CP 030
3801260	MB 714CP
3802010	MB5006SI
3802070	MB7009SI
38265-2100	MB3301AM
38291-2100	CR 201AM
382914300	CR4445AM
38291-4300	CR4088AM
38291-6100	CR4088AM
38291-7900	CR4088AM
387624	MB5674AM
3901170	PN-C4165-CP
3901170	PN-C4165-SI
3901170X1	CR1035SI
3901170X4	CR4165SI
3901170X6	CR6699SI
3901171	PN-C4165-SI-
3901430x1	CR1285SI
3901430x6	CR6782SI
3929021	PN-M5006L-SI
3929022	PN-M5006L-SI-
3939859	PN-C4165-SI
3945917	MB7103CP
3975-23-105	CR4485AM
3M5Q 6211 AA	CR4503SX
3M5Q 6211 BB	CR4503SX
4 X 038 105 701 (J+K)	CR 460SP
4075	PN-M5648U-SI
4222571M91	MB4086AM
4222572M91	MB4086AM 010
4222573M91	MB4086AM 020
4222574M91	MB4086AM 030
44 31 188	CR4517XA
44 31 189	TW 199AM
44 35 175	MB5648SI
46556854	PN-M5297-AM
4722602	MB7742CP
4722645	MB7742CP
48265-1000	MB3301AM
48265-5400	MB 461AM
48265550	MB 641AM
48265-5500	MB 461AM
48265-5600	MB 461AM
48291-5400	CR 201AM
482915600	CR 312AM
48291-5600	CR 321AM
48453-7000	MB3324AM
48536-7010	MB3331SI
48536-7100	MB3324AM
48536-7100	MB4059AM
485437000	MB3324AM
4867-23-105	CR6713CP
4867-23-105	CR6714CP
4867-23-110	MB7030CP
4893693	PN-C1305L-SI
4W5492	MB7702CP
4W5738	MB5355CP
4W8091	MB5360CP
4W8092	MB5360CP
5 x 038 105 701 (J+K)	CR 524SP
500310249	PN-M1231U-CP
500310281	PN-M1233U-CP
500310281	PN-M1233U-SI
500313453	PN-M1232U-
500360398	PN-M1231L-CP
500360410	PN-C1310-CP
500360421	PN-M1233L-CP
504012219	PN-M5444U/1-
504012222	PN-M5444L/1-
504012224	PN-F5444-AM
504012228	PN-M5444U/2-
504012230	PN-M5445L/2-
504059687 (Blue)	PN-M5445L/2-

OEM	KING NO
504059692 (Blue)	PN-M5445U/2-
504059697 (Blue)	PN-F5445-SI
504059702 (Blue)	PN-M5445L/1-
504059707 (Blue)	PN-M5445U/1-
504087277	PN-C1313U-CP
504087281	PN-C1313L-SI
504105270	PN-M5006U-SI
504135706	PN-C1312L-SI
504135710	PN-C1312U-CP
504146168	PN-M5006U-SI-
504152046	PN-C1311-CP
504152048	PN-M1232L-CP
504194112	PN-M1232L-
504221044	PN-C1312U-
504221048	PN-C1312L-SI-
5106121	CR4409AM 030
5106123	CR4409AM 010
5107161	MB 525AM 010
5107162	MB 525AM 030
5112800	MB 525AM
5112801	MB 525AM 020
5112802	MB 525AM 040
5113-98110-0	MB5055AM
5-11510-002-0	MB5093AM
5-11510-005-0	MB 597AM
5-11510-006-0	MB5098AM
5-11510-020-2	MB5098AM
5-11510-021-0	MB 597AM
5-11510-021-1	MB 597AM
5-11510021-1	MB 597AM
5-11510-021-2	MB 597AM
5-11510-030-0	MB5559AM
5-11510-036-0	MB5157AM
5-11510-043-0	MB5093AM
5-11510-050	MB5136AM
5-11510-051-0	MB5136CP
5-11510-060-0	MB5300AM
5-11510-064-0	MB5579CP
5-11510-065-0	MB5099AM
5-11685-001-0	TW 263AM
5-11685-001-0	TW 263AM
5-12271-002-0	CR4043AM
512271005	CR 129AM
5-12271-005-0	CR 474SI
5-12271-010-0	CR6658CP
5-12271-032-0	CR 445CP
528E 6K371A	MB 501AM
528E 6K371B	MB 501AM 010
528E 6K371C	MB 501AM 020
528E 6K371D	MB 501AM 030
528E 6K371E	MB 501AM 040
55192670	CR4270AM
556350	CR 898CP
570-12970	MB 114AM
570-12990	MB 118AM
5882398	MB5037AM
5893590	MB5297AM
6 22 008	CR6750SI
6 22 796	CR 650AM
60513381	CR6809CP
60513382	CR6809CP
60568882	MB4101SI
60568883	MB4101SI 010
615386888WM6211	CR4134AM
615387188WM6333	MB5241AM
6192407	MB5592AM
6211 BAA	CR 451AM
6211 BCA	CR 451AM 020
6211 BDA	CR 451AM 030
6211 BEA	CR 451AM 040
6211BBA	CR 451AM 010
68079	MB7002AM
68082	MB 504AM
687746	PN-M5648L-SI
7 536 769	CR4528CA
705362R1	MB 101CP
705700-23601	CR1275CP

OEM	KING NO
708912R91	MB5577AM
713380	CR4532AM
71711760	TW 188AM
71718247 X6	MB 607SI
71718253 X8 71718259 X2	MB5036AM
71718340 X5	CR 507AM
71718343 X4	CR4169AM
71719044X2 71719047X8	MB5037AM
71728316X8 71718258X2	MB5036AM
71728417 x 8	CR4531CP
71731844	MB5297AM
71731844	MB5447AM
71732990	MB5406SI
71732995	CR4364CP
736878M91	CR 468AM
75120401	CR4438AM 020
75221632	CR4438AM
75221633	CR4438AM 010
75221637	MB 543AM
75221638	MB 543AM 010
75221639	MB 543AM 020
75221794	CR4409AM
75221795	CR4409AM 020
75221796	CR4409AM 040
7546617	CR4170AM
7547052	CR4168AM
7574391(8)	CR4178SI
7646454	CR4169AM
7646454(10)	CR 526SX
7648060	CR4270AM
7661575	CR4171AM
77 01 472 840	MB5393AM
77 01 474 972	TW1006AM
7701348542	MB5544AM
7701348543	MB5544AM0.25
7701349156	CR4015AM
7701349159	CR4015AM0.25
7701474892	CR4350AM
7701475110	MB5352AM
7701475168	MB5350AM
7701476739	CR4517XA
7701476740	TW 199AM
7780565	CR 507AM
7783243	MB 607SI
77877321723	MB5335AM
7E7894	CR1022CP
7M9290	MB5355CP
7S9439	MB5355CP
7S9843	MB7737CP
7W9415	CR6790CP
8 X ERR6376	CR4333CP
8034-11-380	TW 227AM
8034-23-105	CR4495AM
8-034-23-151	MB5510AM
8093882	CR1619CA
8093882	CR1619CA
81115-8830	MB3331SI
8120026	MB5519AM
8-12522-143-0	CR4423AM
81558	MB 519AM
81708116	TW 232AM
81823481	MB 501AM
81854542	CR 451AM
81875702	CR6757AM
81875709	CR4267CP
82 00 306 989	PN-C4517U-SP
82 00 306 993	PN-C4517L-SI
825111M1	TW 237AM
825112M1	TW 237AM
830 899M91	CR4037AM
830 900M91	CR4037AM 010
830 901M91	CR4037AM 020
830 947M91	CR4037AM 030
83996311	CR1229SI
83996312	CR1229SI
85010	MB 727AM
85034	CR 655AM

OEM	KING NO
85041	CR 468AM
85042	CR 464AM
85043	CR 673AM
8556865	CR4144CP
87790260	MB 195AM
87790266	MB1228AM
87790298	CR4266CP
87790329	CR4265CP
87791049	CR1229SI
87840994	PB 167CP
88265-8830	MB3311SI
88265-8840	MB3331SI
8-92064-016-0	MB4010AM
8936-23-105	CR4495AM
8-94101-041-0	CR4141AM
8-94101-043-0	MB5559AM
8-94104-726-0	MB5157AM
8-94110-927-0	MB5253CP
8-94110-930-0	CR 445CP
8-94114-106-1	TW 154AM
8-94114-564-0	MB5300AM
8-94114-564-1	MB5300AM
8-94114-565-1	TW 263AM
8-94114-565-2	TW 263AM
8-94115-354-0	CR4141AM
8-94117-032-0	MB5579CP
8-94117-032-1	MB5579CP
8-94118-830-0	MB5157AM
8-94120-242-0	CR 474SI
8-94124-100-1	TW 154AM
8-94124-100-2	TW 154AM
8-94125-747-0	CR4269AM
8-94125-752-0	TW 163AM
8-94130-923-0	TW 146AM
8-94132-813-0	MB5309AM
8-94132-813-1	MB5309AM
8-94132-813-2	MB5309AM
8-94139-682-0	MB5157AM
8-94142208-0	CR 474SI
8-94151-527-2	MB5540AM
8-94151-528~530-1	MB5540AM
8-94151-531-1	CR4004AM
8-94151-531-2	CR4004AM
8-94151-532~533-1	CR4004AM
8-94151-600~603-0	MB5035AM
8-94151-604~606-0	CR4207SI
8-94151-604~606-0	CR4207XA
8-94153-512-0	MB5099AM
8-94154-014~017-0	MB5078SI
8-94168-552-0	MB5296AM
8-94168-553-0	MB5295AM
8-94168-554-0	TW 146AM
8-94168-555-0	TW 163AM
8-94210-265-1	TW 118AM
8-94210-750-1	TW 118AM
8-94215-641-0	MB 540AM
8-94220-838-0	MB5253CP
8-94221-167-0	CR 445CP
8-94232-051-0	MB5559AM
8-94240-676-0	CR4141AM
8-94250-262-1	MB5253CP
8-94250-265-0	TW 118AM
8-94250-265-1	TW 118AM
8-94250-574-0	MB 540AM
8-94251-094-2	CR4141SI
8-94251-263-1	MB5559AM
8-94251-263-4/3/2/1/0	MB5559AM
8-94251-265-0	TW 118AM
8-94251-265-1	TW 118AM
8-94251-266-0	CR4141AM
8-94251-266-1	CR4141AM
8-94251-527-2	MB5540AM
8-94257-556-0	CR 445CP
8-94257-903-0	TW 141AM
8-94311-012~014-0	CR4004AM
8-94314-253-255-0	CR4207SI
8-94314-253-255-0	CR4207SI

OEM	KING NO
8-94314-253~255-0	CR4207XA
8-94314-253~255-0	CR4207XA
8-94314-292-0	TW 154AM
8-94314-314-0	MB5295AM
8-94319-178-0	MB5559AM0.25
8-94319-179-0	MB5559AM0.5
8-94319-180-0	MB5559AM0.75
8-94319-181-0	MB5559AM1.0
8-94320-176-0	MB5586AM
8-94320-178-0	CR4141SI
8-94321-611-0	TW 154AM
8-94321-679-0	TW 142AM
8-94324-159-0	CR4269AM
8-94329-497~499-0	CR 445CP
8-94331-710-0	CR4004AM
8-94338-581-0	MB5295AM
8-94340-051~053-0	CR4207SI
8-94340-051~053-0	CR4207XA
8-94340-684-0	MB5586AM
8-94340-693~695-0	MB5295AM
8-94351-266	CR4141SI
8-94360-467	MB5128AM
8-94381-678~680-0	CR4207SI
8-94381-678~680-0	CR4207XA
8-94381-684~7-0	MB5078SI
8-94382-193-1	CR4269AM
8-94396-980-0	TW 308AM
8-94399-277-0	TW 308AM
8-94399-283-0	TW 308AM
8-94409-869-0	TW 141AM
8-94414-301~302-2/1/0	MB5559AM
8-94414-305~306-0	CR4141AM
8-94420-010~012-0	MB5253CP
8-94420-013~015-0	MB5253CP
8-94424-252-0	CR4141AM
8-94424-465-0	CR4434AM
8-94427-387-0	TW 154AM
8-94440-093~095-0	CR4055AM
8-94440-093~095-1	CR4055AM
8-94440-093~095-2	CR4055AM
8-94446-580~582-0	MB5586AM
8-94446-580~582-1	MB5586AM
8-94446-581-1	MB5559AM
8-94453-520-0	TW 146AM
8-94453-761-0	MB5296AM
8-94453-762-0	TW 146AM
8-94454-604-0	TW 163AM
8-94454-605-0	TW 163AM
8-94457-034~037-0	MB5540AM
8-94457-527~30	MB5540AM
8-94462-131-0	MB5295AM
8-94462-943-0	CR 474SI
8-94470-527~530-0	MB5078SI
8-94472-613~615-0	CR4207SI
8-94472-613~615-0	CR4207XA
8-94481-026~028-0	MB5296AM
8-94481-029~031-0	MB5296AM
8-94481-860~862-0	CR4074AM
8-94481-907-0	TW 118AM
8-97011-024-0	MB5300AM
8-97011-031-0	CR4043AM
8-97014-208-0	TW 171AM
8-97025-446-0	MB5309AM
8-97045-800 ~1	CR6770CP
8-97045-800~801-0	CR4414CP
8-97045-800~801-0	CR6769CP
8-97045-915~917-0	MB5310CP
8-97063-255~257-0	MB5586AM
8-97063-258-0	MB5296AM
8-97063-261~263-0	MB5295AM
8-97072-978-0	MB4010AM
8-97072-986-0	CR6685AM
8-97179-296~303-0	MB4010AM
8G2366	MB5323AM
8G2369	CR 310AM
8G2370	CR 459AM
8N6308	CR1023CP

OEM	KING NO
8N8220	CR4314CP
901.142.01	CR 633CP
90999-73088	PB 144AM
9-11510-127-0	MB7090CP
911510136	MB 778AM
9-11510-136-0	MB7090CP
9-11510-141-0	MB 540AM
9-11510-149-0	MB 597AM
9-11510-163-0	MB 597AM
9-11510-167-0	MB5093AM
9-11510-608-0	MB5093AM
9-11510-609-0	MB 540AM
9-11510-801-0	MB5098AM
9-11581-021-0	TW 118AM
9-11581-048-0	TW 163AM
9-11581-057-0	TW 146AM
9-11581-057-0	TW 163AM
9-11585-065-0	TW 293AM
9-11585-601-0	TW 262AM
9-12271-002-0	CR4043AM
9-12271-100-0	CR4434AM
912271121	CR 692AM
9-12271-143-0	CR4434AM
9-12271-152-0	CR 474SI
9-12271-157-0	CR4043AM
9-12271-157-0	CR6658CP
9-12271-168-0	CR 474SI
9-12271-175-0	CR4043AM
9-12271-177-0	CR6783CP
9-12271-178-0	CR4043AM
9-12271-178-0	CR6658CP
9-12271-608-0	CR4043AM
9-12271-608-0	CR6658CP
9194165 6 18 012	MB5413SI
92017650/1	MB5520AM
9202-8817	CR4106AM
9206-1197	MB5520AM
9206-5700	MB5520AM
93161641	CR4517XA
93161642	TW 199AM
93198478	MB5648SI
962320715	CR 418AM
9635-1662S	CR 418AM
99473682	PN-M1232U-CP
9N5923	CR 899CP
9Y9497	CR6646CP
A2231-42L00-04	MB7008AM
A77405	MB1049SI
A77406	MB1048SI
A77465	CR1035CP
A77466	CR1035CP0.25
A77466	CR1035SI0.25
A77467	CR1035CP0.5
A77467	CR1035SI0.5
A77468	CR1035CP0.75
A77468	CR1035SI0.75
A77472	MB1049SI0.25
A77473	MB1048SI0.25
A77474	MB1049SI0.5
A77475	MB1048SI0.5
A77476	MB1049SI0.75
A77477	MB1048SI0.75
AJ03-11-225	CR6751SI
AJ03-11-SGO	MB4056SI
AM01-11-SGO	MB 546AM
AM01-11-SGO	MB5195AM
AM15-11-SE0	CR4466AM
AR45723	CR 156CP
AR45723	CR 156SI
AR46397	CR 156SI 020
AR49242	MB1193SI
AR49243	MB1192SI
AR49246	MB1192SI 020
AR49247	MB1192SI 030
AR49247	MB1193SI 030
AR72998	MB1127CP
AR73277	CR1228CP

OEM	KING NO
AR73277	CR1228SI
AR73279	CR1228SI 010
AR73280	CR1228SI 020
AR74814	MB 102SI
AR74814/AR77748	MB 368SI
AR74816	MB 102SI 010
AR74817	MB 102SI 020
AR74818	MB 102CP 030
AR74818	MB 102SI 030
AR77747	IW0012AM
AR77747	TW 309AM
AR77748	MB 103CP
AR77748	MB 103SI
AR77750	MB 103CP 010
AR77750	MB 103SI 010
AR77751	MB 103CP 020
AR77751	MB 103SI 020
AR77752	MB 103CP 030
AR77752	MB 103SI 030
AR77753	TW 309AM0.18
AR77754	MB1146SI
AR95932	TW2010AM0.17
AR97517	CR1256CP
AR97653	CR1256SI
AR97654	CR1256SI 020
AT21110	MB 148AM 010
AT21112	MB 148AM 020
AT21114	MB 148AM 030
AT21124	CR 189AM 010
AT21124x4	CR4057AM 010
AT21124x6	CR6643AM 010
AT21126	CR 189AM 020
AT21126x4	CR4057AM 020
AT21126x6	CR6643AM 020
AT21128	CR 189AM 030
AT21128x4	CR4057AM 030
AT21128x6	CR6643AM 030
AT21132	MB 149AM 010
AT21134	MB 149AM 020
AT21136	MB 149AM 030
AT21138	CR 189AM
AT21138x4	CR4057AM
AT21138x6	CR6643AM
AT21139	MB 149AM
AT21140	MB 148AM
AW 020-002-0128	CR6703CP
AW 020-002-0701	CR6703CP 010
AW 020-002-0703	CR6703CP 020
AW BE CR-30	CR6703CP 030
B-22332,B-22333	MB 193AM
B-22332;B-22333	MB 194AM
B3Y0-11-SE0	CR4495AM
B3Y0-11-SF0	CR4495AM
B3Y0-11-SFX	CR4495AM
B3Y0-11-SFY	CR4495AM
B6Y0-11-SE0	CR4002AM
B6Y0-11-SF0	CR4002AM
B6Y0-11-SFX	CR4002AM
B6Y0-11-SFY	CR4002AM
B6Y0-11-SG0	MB5537AM
B6Y0-11-SJ0	TW 133AM
B6Y1-11-SE0	CR4002AM
B6Y1-11-SG0	MB5304AM
B6Y1-11-SH0	MB5304AM
B6Y1-11-SHX	MB5304AM
B6Y1-11-SHY	MB5304AM
B6Y1-11-SJ0	TW 133AM
B6Y2-11-SE0	CR4002AM
B6Y2-11-SG0	MB5304AM
B6Y2-11-SJ0	TW 133AM
C5NE6207A	PB 168CP
C5NE6261B	CS 233BB
CFFN6333B	MB 150AM
CFFN6333D	MB 150AM 010
CFFN6333E	MB 150AM 020
CFFN6333F	MB 150AM 030
DFPN6211Bx3	CR 302AM

OEM	KING NO
DFPN6211Bx4	CR4418AM
DFPN6211Dx3	CR 302AM 010
DFPN6211Dx4	CR4418AM 010
DFPN6211Ex3	CR 302AM 020
DFPN6211Ex4	CR4418AM 020
DFPN6211Fx3	CR 302AM 030
DFPN6211Fx4	CR4418AM 030
DFPN6211Gx3	CR 302AM 040
DFPN6211Gx4	CR4418AM 040
E301-23-151	MB5510AM
E5B6-23-105	CR4495AM
E5B6-23-151	MB5510AM
EBFN6337B	MB 151AM
EBFN6337D	MB 151AM 010
EBFN6337E	MB 151AM 020
EBFN6337F	MB 151AM 030
ELH 18347 A	MB7063AM
F385200210190	TW2017AM
F801-23-105A	CR 405AM
F801-23-105B	CR 405AM
F801-23-105C	CR 405AM
F801-23-130	CR 405AM
F801-23-151	MB5528AM
FE1H-11-SGO	MB5097AM
FE30-23-151	MB5528AM
FEY1-11-SE0	CR4096AM
FEYA-11-SE0	CR4096AM
FSY1-11-SE0	CR4105AM
FSY1-11-SF0	CR4105AM
FSY1-11-SFX	CR4105AM
FSY1-11-SG0	MB5171AM
FSY1-11-SG0A	MB5171AM
FSY1-11-SH0	MB5171AM
FSY1-11-SJ0	TW 156AM
FSY1-11-SK0	TW 156AM
FSY1-11-SKX	TW 156AM
FSY2-11-SE0	CR4105AM
FSY2-11-SF0	CR4105AM
FSY2-11-SFX	CR4105AM
GE01-23-105	CR4159AM
GM# 94045546	MB 597AM
GM#96659176	MB4271AM
GM#96659176	MB5658AM
GM#96659184	CR4489AM
JEY0-11-SE0	CR6655AM
JEY0-11-SG0	MB 474AM
JEY1-11-SE0	CR6655AM
JEY1-11-SG0	MB 474AM
JEY8-11-SGO	MB 474AM
JFY1-11-SG0	MB 474AM
JFY1-11-SG0A	MB 474AM
JFY1-11-SJ0	TW 256AM
K207436	CR 313AM
K207497	CR 313AM 010
K207498	CR 313AM 020
K8Y1-11-SE0	CR6791AM
K8Y1-11-SE0A	CR6791AM
K8Y1-11-SE0B	CR6791AM
K917637/917639	MB 795AM
K917837/8	MB7094AM
K928540	MB 462AM
K928541	MB 362AM
K928554	MB 362AM 010
K928555	MB 362AM 020
K928557	MB 462AM 010
K928558	MB 462AM 020
K928997	MB 361AM
K929148	CR4050AM
KJY1-11-SE0	CR6655AM
KK1Y0-11-SGO	MB5304AM
KK1Y-11-SGO	MB5304AM
KLY1-11-SGOA	MB 496AM
KLY1-11-SGOB	MB 150AM
L3Y1-11-SE0	CR4507SI
LEB101060L	MB5376AM
LEB10212	IF0123AMSTD
LEB10213	IF0123AMSTD

OEM	KING NO
LEB10214	IF0123AM.25Y
LEB10215	IF0123AM.25G
LEB10216	IF0123AM.25W
LEB10217	IF0123AM0.5Y
LEB10218	IF0123AM0.5G
LEB10219	IF0123AM0.5W
LEB10221	IF0124AMSTDY
LEB10222	IF0124AMSTD
LEB10223	IF0124AMSTD
LEB10225	IF0124AM.25Y
LEB10226	IF0124AM.25G
LEB10227	IF0124AM.25W
LEB10228	IF0124AM0.5Y
LEB10229	IF0124AM0.5G
LFB00015010L	IC1069SI STDB
LFB00015020L	IC1069SI STRD
LFB00015030L	IC1069SI STDY
LFB10023100L	CR4208SI
LFB10023200L	CR4208SI
LFB10023300L	CR4208SI
LFY1-11-SE0A	CR4515SI
LP020062	CR4438AM 030
LP020063	MB 543AM 030
MD002273	MB 524AM
MD002343	MB 524AM
MD002813	CR4481AM
MD002843	CR4481AM
MD008288	CS 327BB
MD008289	CS 327BB
MD010350	TW 157AM
MD010351	TW 157AM
MD010780	MB3307AM
MD010859	CR4436AM
MD020381	MB 577AM
MD020381	MB5647AM
MD020891	CR4466AM
MD021118	CS 327BB
MD024856	CR4466AM
MD026430	CR4466AM
MD026431	CR4466AM0.25
MD026432	CR4466AM0.5
MD026433	CR4466AM0.75
MD026434	CR4466AM1.0
MD026440	MB 546AM
MD026440	MB5195AM
MD026445	MB 577AM
MD026445	MB5647AM
MD026815	MB 546AM
MD026815	MB5195AM
MD026817	MB 577AM0.5
MD026818	MB 577AM0.75
MD026819	MB 577AM1.0
MD02816	MB 577AM0.25
MD030126	MB 521AM
MD030126	MB 521AM
MD030516	CR4497AM
MD030573	MB 521AM
MD030573	MB5237AM
MD040682	MB 524AM
MD040704	CR4481AM
MD050360	MB 577AM
MD050360	MB5647AM
MD050365	CR4466AM
MD071273	MB 524AM
MD071298	CR4481AM
MD091399	MB 524AM
MD105269	MB 458AM
MD105277	CR6629AM
MD116890	TW 247AM
MD124496	MB 458AM
MD128659	TW 247AM
MD143090	CR4049AM
MD147999	MB 521AM
MD147999	MB5237AM
MD174857	MB5176AM
MD174862	TW 143AM
MD174884	CR4226AM

OEM	KING NO
MD177046	CR4119AM
MD178633-647	MB5177AM
MD178648-650	CR4120AM
MD194178	MB5314AM
MD194201	CR4119AM
MD195906-925	MB5177AM
MD195916/195921	MB5209AM
MD195936-941	CR4120AM
MD197907-11	MB4050AM
MD311928-32	CR6735AM
MD327494-497	MB5177AM
MD327498-502	MB5177AM
MD327503-505	CR4120AM
MD332497	CR4049AM
MD343324-8	MB5177AM
MD357491	MB 458AM
ME001041	MB5251CP
ME002001	CR 440AM
ME002019	CR 440AM
ME011530	MB5074CP
ME012205	CR4202CP
ME012210	CR4202CP
ME012227	CR4202CP
ME013560	TW 301AM
ME013564	TW 300AM
ME013644	TW 301AM
ME020328	TW 300AM
ME031059	TW 302AM
ME031078	MB7043CP
ME031345	MB7043CP
ME031525	MB7043CP
ME031634	MB7043CP
ME032016	CR6725CP
ME032332	CR6725CP
ME032417	CR6725CP
ME032518	CR6725CP
ME052053	MB 710CP
ME052069	CR 635CP
ME052488	CR 635CP
ME071163	TW 303AM
ME130226	TW 304AM
ME130230-2	TW 304AM
ME200022	MB5372CP
ME200043	CR4328CP
ME200046	CR4328CP
ME200280	TW 299AM
ME200281	TW 299AM
ME200665	MB5372CP
ME201562	MB5372CP
ME201565	MB5372CP
ME995148-52	CR4202CP
ME995153-7	CR4286CP
ME995344-48	MB7091CP
ME995344-8	MB7091CP
ME996243-51	CR6725CP
ME996520-8	MB5372CP
ME996534	CR4328CP
ME997202	MB5251CP
ME997261	CR4286CP
ME997362	CR6725CP
ME997367	CR6725CP
ME997732	CR6725CP
ME997737	CR6725CP
ME997880-6	MB5372CP
ME997887-93	CR4328CP
ME999056	CR 636CP
ME999080	MB5251CP
ME999089	MB5074CP
ME999106	CR4202CP
ME999199	MB7043CP
ME999201	MB7043CP
ME999250	CR4202CP
ME999296	MB7043CP
ME999384	MB5074CP
ME999550	CR6725CP
ME999654	CR4202CP
ME999711	MB 721CP

OEM	KING NO
ME999726	CR 637CP
ME999764	CR 442CP
ME999891	CR6725CP
ME999892	CR6725CP
MM437-305	CR1290SI
MM437-313	MB5653SI
MM437-880	MB4273SI
MM437-982	CR1288SI
MM438-799	MB4274SI
MM438-80601	CR1289SI
MO-4728993	MB5065AM
MO4728997	CR4183AM
MO-4856733	MB5052AM
OBPY3-11-SE0	CR4002AM
OBPY3-11-SE0	CR4495AM
OE2122AP	MB1250AM
OK2YA-11-SE0	CR4002AM
OK2YA-11-SGO	MB5537AM
OK3Y0-11-SE0	CR4495AM
OK6Z1-11-SE0	CR4299AM
OK6Z2-11-SGO	MB5344AM
OK7Y0-11-SE0	CR 405AM
OK9Y0-11-SE0	CR4096AM
OKFY0-11-SGO	MB5359AM
OKPY3-11-SE0	CR4319AM
OVNY1-11-SE0	CR4299AM
OVNY1-11-SGO	MB5338AM
PN11-11-SE0	CR4224AM
PN11-11-SGO	MB5100AM
PN11-11-SJ0	TW 155AM
R116081	CR1296CP
RE13571	TW2011AM
RE27348	CR1007AM
RE27348x3	CR 315AM
RE27348x4	CR4089AM
RE27348x6	CR6661AM
RE27349	CR1007AM 010
RE27349x4	CR4089AM 010
RE27349x6	CR6661AM 010
RE27350	MB 159AM
RE27351	MB 159AM 010
RE27352	MB1033AM
RE27353	MB1033AM 010
RE27358	CR1007AM 020
RE27358x4	CR4089AM 020
RE27358x6	CR6661AM 020
RE27359	MB 159AM 020
RE27360	MB1033AM 020
RE27364	CR 189SI 030
RE27366	MB 159AM 030
RE2749x3	CR 315AM 010
RE2758x3	CR 315AM 020
RE47867	CR1256CP
RE504195	MB1216SI
RE504196	MB1216SI 011
RE504197	MB1216SI 022
RE504198	MB1215SI
RE504199	MB1215SI 011
RE504200	MB1215SI 022
RE529318	CR1302SI
RE529319	MB1216CP
RE529319	MB1216SI
RE529320	MB1223CP
RE529320	MB1223SI
RE61253	TW 310AM
RE61851	TW 310AM0.18
RE65165	MB1145AM
RE65168	MB1144AM
RE65908	CR1255AM
RF01-23-105	CR 405AM
RF01-23-115	TW 268AM
RF0123135A	MB5509AM
RF01-23-135A	MB5158AM
RFY0-11-SE0	CR4243AM
RFY0-11-SGO	MB5158AM
RTC211710	CR8006AM
RTC211720	CR8006AM

OEM	KING NO
RTC2117G	CR8006AM
RTC2626	MB 550AM
RTC2992	MB 550CP
S 12340 86FA1J	MB4507SI
S122-0012	MB5519AM
S501-23-110	MB5311CP
SE01-23-110	MB5057CP
SE45-11-SE0	CR4186CP
SL01-23-105	CR4186CP
SL01-23-110	MB5057CP
SL01-23-115	TW 266AM
STC 1425	MB5031AM
STC2062	IM0121AMSTD
STC2063	IM0121AMSTD
STC2064	IM0121AM.25Y
STC2065	IM0121AM.25G
STC2066	IM0121AM.25W
STC2067	IM0121AM0.5Y
STC2068	IM0121AM0.5G
STC2069	IM0121AM0.5W
STC2070	IM0122AMSTD
STC2071	IM0122AMSTD
STC2072	IM0122AMSTD
STC2073	IM0122AM.25Y
STC2074	IM0122AM.25G
STC2075	IM0122AM.25W
STC2076	IM0122AM0.5Y
STC2077	IM0122AM0.5G
STC2078	IM0122AM0.5W
STC2104	IC0120CPSTD
STC2105	IC0120CPSTDB
STC2106	IC0120CP.25R
STC2107	IC0120CP.25B
STC2108	IC0120CP0.5R
STC2109	IC0120CP0.5B
STC2113	IC0120CPSTD
STC2114	IC0120CPSTDB
STC2115	IC0120CP.25R
STC2116	IC0120CP.25B
STC2117	IC0120CP0.5R
STC2118	IC0120CP0.5B
STC3299	MB 626AM
STC3300	CR 521CP
STC3724	MB5437CP
TAM T6337 FCS1	IF1029AM
TAM T6337 FCS2	IF1028AM
U5MB0007	MB7003CA
U5ME0002	CR 464CP
U5ME0003	CR 673CP
U5ME0013	CR4504CP
V101-23-105	CR6713CP
V101-23-105	CR6714CP
V101-23-110A	MB7030CP
WLY1-11-SE0	CR4285AM
WLY1-11-SF0	CR4285AM
WLY1-11-SFX	CR4285AM
WLY1-11-SFY	CR4285AM
WLY1-11-SG0	MB5312AM
WLY1-11-SH0	MB5312AM
WLY1-11-SHX	MB5312AM
WLY1-11-SHY	MB5312AM
WLY1-11-SJ0	TW 269AM
YS4Q621144	CR4345CA
ZYY2-11SE0	CR4366SI
ZZL2-11-SEO	CR 642SI
ZZLO-11-SGO	MB4023SI
ZZM1-11-225	CR 691SI
ZZMO-11-225	CR4476SI
ZZMO-11-356	MB5278AM
ZZN1-11-225	CR 691SI

VANDERVELL to

VANDERVELL	KING NO
VPW95A	TW 137AM
5355	PN-C4539-SX
5690	IM1248XP
5690	PN-M5669/1-SX
6112	PN-M5669/3-SX
MB-2673AL	MB1207SI
VP 466	CR6801CP
VP 467	MB4095CP
VP 542	CR4332CP
VP 875	CR4508CP
VP206	CR4362CP
VP4812	IC0157CP
VP91021	CR4506CP
VP91023	CR6819CP
VP91024	MB7114CP
VP91050	MB 377CP
VP91346	CR4331CP
VP91459	CR6817CP
VP91460	MB4107CP
VP91492	CR6818CP
VP04058	CS 302BB
VPC907	CS 801AM
VPC908	CS 304BB
VPC928	CS 312BB
VPC933	CS 407BB
VPC94000	CS 411BB
VPC94001	CS 505BB
VPC94003	CS 516BB
VPC94006	CS 405BB
VPC94014	CS 317BB
VPC94022	CS 513BB
VPC94033	CS 314BB
VPC94036	CS 309BB
VPC94038	CS 502BB
VPC94040	CS 412BB
VPC94044	CS 504BB
VPC94054	CS 408BB
VPC94061	CS 410BB
VPC94062	CS 415BB
VPC94065	CS 409BB
VPC94074A	CS3306AM
VPC94082	CS 503BB
VPC94085	CS 305BB
VPC94086	CS 413BB
VPC941	CS 332BB
VPC956	CS 319BB
VPC974	CS 316BB
VPC975	CS 233BB
VPC979	CS 507BB
VPC986	CS 310BB
VPC989	CS 320BB
VPC991	CS 601AM
VPC991	CS 601BB
VPC992	CS 307BB
VPC993	CS 512BB
VPC995	CS 418BB
VPC997	CS 514BB
VPC998	CS 419BB
VPC999	CS 515BB
VPM04006A	MB4065AM
VPM04007	MB4073SI
VPM04009	MB5234AM
VPM04011	MB5340AM
VPM04011 ~	MB 524AM
VPM04013	MB5312AM
VPM04016	MB5654CP
VPM04107A	MB4049AM
VPM04107A ~	MB4049SI
VPM05002	MB5621SI
VPM05003	MB5351AM
VPM05021	MB5082AM
VPM05023A	MB5084AM
VPM05024A	MB5308AM
VPM05026SP ~	MB5330XA

KING

VANDERVELL	KING NO
VPM05027A	MB5269AM
VPM05028	MB5333CP
VPM05034A	MB5412SI
VPM05046A	MB5447AM
VPM05047A	MB5399SI
VPM05054A	MB5644SI
VPM05055A	MB5406SI
VPM05058A	MB5411AM
VPM06005	MB 496AM
VPM06005A	MB 622AM
VPM07001	MB7056CP
VPM07006	MB7741CP
VPM07007	MB7118CP
VPM07017A	MB7089AM
VPM07018	MB7117CP
VPM20001	MB5297AM
VPM20002 ~	MB1016AM
VPM20003 ~	MB1017AM
VPM204	MB5565AM
VPM211	MB 423CP
VPM237	MB3327AM
VPM242	MB 457AM
VPM246	MB 312AM
VPM260	MB 788CP
VPM279	MB 451AM
VPM291	MB 406AM
VPM294	MB 308AM
VPM2966	MB 127AM
VPM312	MB 583AM
VPM324	MB 405AM
VPM325	MB 367AM
VPM355	MB 790CP
VPM367	MB 327AM
VPM378	MB 701CP
VPM380	MB 702CP
VPM380A	MB 702CP
VPM382	MB3333AM
VPM384	MB3325AM
VPM390A	MB 364AM
VPM402	MB3326AM
VPM407	MB 369AM
VPM414	MB 381AM
VPM416	MB 376CP
VPM418	MB 329AM
VPM420	MB3332AM
VPM427A	MB 302AM
VPM433	MB 707CP
VPM4579	MB 156AM
VPM469	MB 330AM
VPM4809	MB 157AM
VPM536	MB3338AM
VPM583A	MB5323AM
VPM585	MB 725AM
VPM627	MB 206CP
VPM670	MB5067CP
VPM672	MB 464AM
VPM682	MB5339AM
VPM701	MB 357AM
VPM726LC	MB 316CP
VPM729	MB 411AM
VPM730	MB 422AM
VPM733A	MB 321AM
VPM743	MB 501AM
VPM745	MB 704AM
VPM748	MB 718CP
VPM758A	MB 418AM
VPM764A	MB3316AM
VPM768	MB 554AM
VPM771LC	MB 460CP
VPM776	MB5577AM
VPM796	MB 558SI
VPM804	MB5541AM
VPM817	MB 347AM
VPM818	MB 511AM

VANDERVELL	KING NO
VPM856	MB 477AM
VPM860	MB 713CP
VPM864A	MB 440AM
VPM866A	MB5000AM
VPM868A	MB 705AM
VPM885A	MB 310AM
VPM892A	MB 727AM
VPM895	MB 523AM
VPM91007A	MB 325AM
VPM91018	MB 318AM
VPM91019	MB 331AM
VPM91020	MB 370AM
VPM91028	MB 306AM
VPM91030	MB 402AM
VPM91035	MB 544AM
VPM91037	MB3333AM
VPM91049	MB 345AM
VPM91055A	MB5010AM
VPM91056A	MB7040AM
VPM91083	MB3349CP
VPM91087LC	MB 616CP
VPM91093	MB 529CP
VPM91096	MB5511AM
VPM91100	MB 752SI
VPM91102	MB 344CP
VPM91102A	MB 344AM
VPM91120A	MB 328AM
VPM91124LC	MB5090CP
VPM91126LC	MB 711CP
VPM91131A	MB 516AM
VPM91133A	MB 703AM
VPM91137	MB 335AM
VPM91143	MB5120AM
VPM91148	MB7724AM
VPM91152A	MB 512AM
VPM91156A	MB 324AM
VPM91156A	MB 324AM 010
VPM91166	MB 520AM
VPM91167	MB 771CP
VPM91169A	MB 515AM
VPM91170A	MB 541AM
VPM91175LC	MB 210CP
VPM91178	MB 720CP
VPM91180	MB 419AM
VPM91180/549	MB 738AM
VPM91182	MB 530AM
VPM91185	MB5091CP
VPM91187	MB 548AM
VPM91189	MB 737AM
VPM91191A	MB5509AM
VPM91194A	MB 519AM
VPM91199	MB5532SI
VPM91204	MB 326AM
VPM91206A	MB5307AM
VPM91213A	MB 354AM
VPM91215A	MB 525AM
VPM91220A	MB 527AM
VPM91225	MB3315AM
VPM91230A	MB 533AM
VPM91234A	MB 333AM
VPM91235A	MB 499AM
VPM91247	MB 420AM
VPM91247 (O/S)	MB4200AM
VPM91251	MB 571AM
VPM91253	MB 432AM
VPM91261	MB5514AM
VPM91265	MB 443AM
VPM91266	MB 733AM
VPM91268	MB5516AM
VPM91272	MB 559AM
VPM91272	MB 559AM
VPM91274	MB 760AM
VPM91274 ~	MB 760SI
VPM91276	MB 556SI

VANDERVELL	KING NO
VPM91285	MB 763SI
VPM91290	MB5116AM
VPM91292	MB 734CP
VPM91293	MB 735CP
VPM91301	MB 536AM
VPM91308	MB 575AM
VPM91317A	MB 526AM
VPM91319A	MB 757AM
VPM91322	MB7007CP
VPM91334	MB 766CP
VPM91338	MB 557AM
VPM91338 ~	MB 557SI
VPM91345A	MB 543AM
VPM91348	MB 560AM
VPM91350A	MB 545AM
VPM91355	MB 537AM
VPM91360A	MB3306AM
VPM91361	MB 773AM
VPM91364	MB5390CP
VPM91370	MB 792CP
VPM91372	MB 551AM
VPM91376	MB 553AM
VPM91380	MB 534AM
VPM91392	MB 539AM
VPM91401A	MB 431SI
VPM91404	MB 538CP
VPM91408	MB5571CP
VPM91413	MB 730CP
VPM91419A	MB 561AM
VPM91421A	MB 765AM
VPM91423A	MB3319AM
VPM91425	MB5515AM
VPM91429A	MB 505AM
VPM91431	MB 770AM
VPM91432A	MB5450AM
VPM91436LB	MB7004CP
VPM91437	MB5480AM
VPM91438	MB7370AM
VPM91447 O/S	MB7010CP
VPM91450	MB5502AM
VPM91454A	MB5264AM
VPM91456A	MB 565AM
VPM91462	MB5582CP
VPM91466A	MB 542AM
VPM91470	MB5112HP
VPM91470	MB5503AM
VPM91472	MB5504AM
VPM91472 ~	MB5504SI
VPM91475	MB5553AM
VPM91481	MB 348AM
VPM91483	MB 772CP
VPM91487	MB 434AM
VPM91501	MB 708CP
VPM91509	MB4019CP
VPM91516	MB7704AM
VPM91517A	MB5552AM
VPM91519	MB7723AM
VPM91521A	MB 518AM
VPM91529	MB 582AM
VPM91535A	MB5572AM
VPM91537A	MB4035AM
VPM91539	MB7708CP
VPM91541	MB 724CP
VPM91543	MB 123CP
VPM91544	MB 122CP
VPM91546	MB 137AM
VPM91547	MB 139AM
VPM91548	MB 138AM
VPM91553	MB 602AM
VPM91560A	MB3323AM
VPM91561	MB7061CP
VPM91562	MB 768AM
VPM91564A	MB 594AM
VPM91565A	MB 322AM
VPM91569A	MB 572AM
VPM91571	MB 775CP
VPM91575	MB 114AM

VANDERVELL	KING NO
VPM91576	MB 118AM
VPM91578	MB 509SI
VPM91579	MB 510SI
VPM91579	MB 517SI
VPM91581	MB5518AM
VPM91583	MB5650SI
VPM91585	MB 592AM
VPM91591A	MB3320AM
VPM91594	MB 786AM
VPM91612	MB 341AM
VPM91621LC	MB5026AM
VPM91625	MB 778AM
VPM91629A	MB 591AM
VPM91641	MB5506AM
VPM91642	MB5539AM
VPM91646	MB 762AM
VPM91646	MB 785AM
VPM91647	MB 563SI
VPM91648	MB 407AM
VPM91649	MB 555AM
VPM91652A	MB5133AM
VPM91653A	MB5507AM
VPM91662A	MB 562AM
VPM91664	MB5122CP
VPM91665	MB3305AM
VPM91668	MB4033CP
VPM91670	MB5051CP
VPM91677	MB 540AM
VPM91682	MB 587AM
VPM91684A	MB 577AM
VPM91684A	MB5647AM
VPM91685	MB 580AM
VPM91732	MB 585CP
VPM91735A	MB 593AM
VPM91739	MB7088CP
VPM91741	MB 791CP
VPM91744	MB 435SI
VPM91746A	MB 438AM
VPM91748	MB 767AM
VPM91750A	MB5080AM
VPM91752	MB 578AM
VPM91759	MB 104CP
VPM91760	MB 141CP
VPM91762	MB 415AM
VPM91768	MB7048CP
VPM91771A	MB5546AM
VPM91773A	MB5594AM
VPM91776	MB 547AM
VPM91780	MB 796CP
VPM91788	MB5168AM
VPM91792	MB 901CP
VPM91795	MB7706CP
VPM91796A	MB7002AM
VPM91796LC	MB7003CA
VPM91799	MB 798CP
VPM91802 O/S	MB7707CP
VPM91808A	MB 588AM
VPM91810	MB 172CP
VPM91815	MB 359AM
VPM91816	MB5505AM
VPM91816 ~	MB5505SI
VPM91820	MB 445AM
VPM91820 ~	MB 445SI
VPM91821	MB5517AM
VPM91851A	MB5508AM
VPM91856A	MB5513AM
VPM91857A	MB5025AM
VPM91858	MB5649CP
VPM91859	MB7742CP
VPM91862LB	MB7005CP
VPM91865A	MB 590AM
VPM91868A	MB5551AM
VPM91878	MB5537AM
VPM91878A	MB5510AM
VPM91879LC	MB 552AM
VPM91885A	MB 305AM
VPM91886A	MB 313AM

VANDERVELL	KING NO
VPM91893A	MB5132AM
VPM91896A	MB 550AM
VPM91896LC	MB 550CP
VPM91898	MB7731CP
VPM91909	MB5525AM
VPM91912	MB 524AM
VPM91921A	MB1019AM
VPM91928	MB 531AM
VPM91929	MB 601AM
VPM91930	MB 776AM
VPM91931A	MB5549AM
VPM91932A	MB5081AM
VPM91934	MB5519AM
VPM91934A	MB5519AM
VPM91936LC	MB5520AM
VPM91937	MB 576AM
VPM91940	MB 427AM
VPM91942	MB5521AM
VPM91944	MB4034SI
VPM91946	MB5531SI
VPM91952A	MB5195AM
VPM91959	MB5113HP
VPM91976	MB 147CP
VPM91980	MB 178CP
VPM91985A	MB5094AM
VPM91987	MB 177CP
VPM91990A	MB5589AM
VPM91992A	MB5240AM
VPM92001A	MB5129AM
VPM92003A	IF0070AM
VPM92005SA	MB 416AM
VPM92007LC	MB7069CP
VPM92011LC	MB7070CP
VPM92015	MB5253CP
VPM92017LC	MB5157AM
VPM92023	MB 597AM
VPM92033A	MB5528AM
VPM92035LC	MB5332CP
VPM92039	MB5057AM
VPM92046	MB7043CP
VPM92048	MB5524AM
VPM92052	MB 549AM
VPM92058A	MB3331AM
VPM92058A~	MB3331SI
VPM92059	MB3324AM
VPM92063A	MB5501AM
VPM92064	MB 506AM
VPM92066	MB5563AM
VPM92068A	MB 535AM
VPM92070A	MB5527AM
VPM92070LC	MB5527AM
VPM92072	MB5554AM
VPM92074A	MB5584AM
VPM92080	MB 764AM
VPM92094A	MB 429AM
VPM92124	MB 728CP
VPM92128A	MB5561AM
VPM92129A	MB5032AM
VPM92130A	MB5542AM
VPM92131A	MB3330AM
VPM92132A	MB3329AM
VPM92135A	MB3347AM
VPM92139A	MB4101SI
VPM92149	MB7016CP
VPM92153A	MB5131AM
VPM92156A	MB5138AM
VPM92173	MB5118CP
VPM92175	MB7705CP
VPM92183/4(4)	MB4038CP
VPM92183/4(5)	MB5064CP
VPM92183/4(6)	MB 613CP
VPM92183/4(7)	MB7033CP
VPM92186A	IF0072AM
VPM92189A	MB5037AM
VPM92191A	MB5041AM
VPM92192A	MB5210AM
VPM92193A	MB5037AM

VANDERVELL	KING NO
VPM92200	MB 437AM
VPM92201	MB 581AM
VPM92225A	MB1129AM
VPM92227A	MB1130AM
VPM92234A	MB1131AM
VPM92236A	MB1182AM
VPM92240	MB7037CP
VPM92246	MB7062CP
VPM92249A	MB7035CP
VPM92251A	MB7036AM
VPM92253	MB5536AM
VPM92254	MB5235AM
VPM92255	MB5182AM
VPM92257A	MB5246AM
VPM92265LC	MB5003CP
VPM92267LC	MB 716CP
VPM92274	MB1132AM
VPM92275A	MB 378AM
VPM92285A	MB5027AM
VPM92286A	MB5386AM
VPM92287	MB5070AM
VPM92292	MB 605AM
VPM92293	MB7001AM
VPM92309A	MB1133AM
VPM92313	MB7053CP
VPM92314A	MB4015AM
VPM92315A	MB3334AM
VPM92316A	MB5576AM
VPM92319	MB4023SI
VPM92322A	MB5117AM
VPM92323A	MB 606AM
VPM92331	MB5556AM
VPM92336	MB 530AM
VPM92338	MB 538CP
VPM92343	MB 490AM
VPM92344	MB 192CP
VPM92345	MB7047CP
VPM92348A	MB5592AM
VPM92352	MB 152AM
VPM92355	MB 153AM
VPM92356/7(5)	MB5001CP
VPM92371A	MB 300AM
VPM92373A	MB 329AM
VPM92377LC	MB 317CP
VPM92379	MB3311AM
VPM92379~	MB3311SI
VPM92391A	MB 361AM
VPM92393	MB3301AM
VPM92404LC	MB 473AM
VPM92409A	MB 504AM
VPM92417	MB 591AM
VPM92421A	MB5591AM
VPM92426	MB5544AM
VPM92432A	MB5023AM
VPM92434A	MB 522AM
VPM92437	MB5251CP
VPM92445A	MB5095AM
VPM92447A	MB 521AM
VPM92454LC	MB5538CP
VPM92455A	MB5180AM
VPM92457LC	MB5159AM
VPM92470	MB7716CP
VPM92472	MB 736CP
VPM92474	MB7712SI
VPM92476	MB7735CP
VPM92479LC	MB7026CP
VPM92482	MB7030CP
VPM92509	MB 121CP
VPM92521LC	MB7068CP
VPM92526	MB5566AM
VPM92527A	MB5578AM
VPM92533	MB7054CP
VPM92543LC	MB7071CP
VPM92544LC	MB5261CP
VPM92550	MB5295AM
VPM92552	MB5296AM
VPM92553	MB 710CP

VANDERVELL	KING NO
VPM92556LC	MB5158AM
VPM92562LC	MB4048CP
VPM92567LC	MB 712CP
VPM92574A	MB5028AM
VPM92578A	MB5149AM
VPM92582A	MB5248AM
VPM92584	MB7095CP
VPM92585	MB5198CP
VPM92590LC	MB 717CP
VPM92597AM	MB5079AM
VPM92598	MB7034CP
VPM92601A	MB7720AM
VPM92602A	MB7039AM
VPM92609A	MB5059AM
VPM92638A	MB4037AM
VPM92642LC	MB5168AM
VPM92643	MB5304AM
VPM92644	MB5097AM
VPM92646LC	MB5074CP
VPM92653A	MB5035AM
VPM92654A	MB5038AM
VPM92657	MB5021AM
VPM92660	MB4043AM
VPM92666	MB5243AM
VPM92687	MB5252CP
VPM92694	MB7104CP
VPM92706LC	MB7072CP
VPM92711A	MB7073CP
VPM92715LC	MB7075CP
VPM92716LC	MB5267CP
VPM92718	MB5060AM
VPM92728A	MB5176AM
VPM92738	MB7058AM
VPM92738A	MB7058AM
VPM92741LC	MB5157AM
VPM92744A	MB5250AM
VPM92771A	MB5008SI
VPM92775A	MB5241AM
VPM92793	MB7008AM
VPM92807A	MB 453AM
VPM92814	MB 797CP
VPM92817	MB 709CP
VPM92829A	MB5036AM
VPM92831A	MB 607SI
VPM92832	MB5297AM
VPM92833	MB1016AM
VPM92833A+VPM92832A	MB5627AM
VPM92834	MB1017AM
VPM92834A+VPM92832A	MB5628AM
VPM92838 /92607	MB5012AM
VPM92838A	MB5011AM
VPM92839	MB7015CP
VPM92844	MB5004CP
VPM92857A	MB5069AM
VPM92859A	MB7038AM
VPM92862LC	MB5078SI
VPM92865A	MB7028AM
VPM92867A	MB 461AM
VPM92867LC	MB 461CP
VPM92890	MB5014CP
VPM93022A	IF0071AM
VPM93023A	IF0073AM
VPM93024A	MB5262AM
VPM93103A	MB5062AM
VPM93105A	MB5288AM
VPM93106A	MB5352AM
VPM93108A	MB5621AM
VPM93109A	MB5350AM
VPM93113	MB5063AM
VPM95133A	MB5569AM
VPR01009	CR1311CP
VPR01010	CR1310CP
VPR01028	CR1304CP
VPR04005A	CR4309AM
VPR04007	CR4310AM
VPR04016SP	CR4327XA
VPR04027	CR4211SP

VANDERVELL	KING NO
VPR04029	CR4254CP
VPR04031	CR4212CP
VPR04032SP	CR4213CA
VPR04034A	CR4251AM
VPR04036	CR4182CP
VPR04037	CR4296AM
VPR04041	CR4250CA
VPR04041	CR4340CP
VPR04044AL	CR4531CP
VPR04047~	CR4376CP
VPR04052	CR4125CP
VPR04052	CR4125SI
VPR04115 (4 Pairs)	CR1305SI
VPR04503	CR4285AM
VPR04505	CR4121AM
VPR04512	CR4357CA
VPR04516	CR4372XA
VPR04521SP	CR4503SX
VPR04522A	CR4350AM
VPR04524LA	CR4364CP
VPR04529	CR4370CA
VPR05008SP~	CR 522SX
VPR05008SP~	CR 522XA
VPR06006	CR6761CP
VPR06007	CR6732CP
VPR06009	CR6823CP
VPR06021	CR6748SP
VPR06025A	CR6766AM
VPR06026	CR6767CP
VPR06027	CR6778SI
VPR06028	CR6779CP
VPR06029A	CR6764AM
VPR06030	CR6709CP
VPR06031	CR6791AM
VPR06032	CR6655AM
VPR06036A	CR 650AM
VPR06037A	CR6750SI
VPR06042 (6 Pairs)	CR1305SI
VPR08002	CR 893AM
VPR08003	CR 894CP
VPR08004	CR 895CP
VPR203	CR4415AM
VPR210	CR6760CP
VPR228	CR4167AM
VPR236	CR4022AM
VPR240	CR6620AM
VPR245	CR 420AM
VPR259	CR 698MP
VPR262	CR 406AM
VPR264	CR 619AM
VPR266	CR 680CP
VPR278	CR6623AM
VPR290	CR 602AM
VPR311	CR 810AM
VPR319	CR 453CP
VPR345	CR4206AM
VPR352	CR4031CP
VPR368	CR 458AM
VPR377	CR 651CP
VPR381	CR4199AM
VPR383	CR 475AM
VPR393A	CR 468AM
VPR410	CR 657CP
VPR411	CR4315AM
VPR415	CR4188CP
VPR424A	CR4268AM
VPR426A	CR 415AM
VPR428	CR 425AM
VPR434	CR 402AM
VPR436LB	CR6687CP
VPR53	CR 202AM
VPR535	CR4045AM
VPR566	CR4143AM
VPR57	CR 203AM
VPR572A	CR 417AM
VPR577	CR 612CP
VPR582	CR 459AM

VANDERVELL	KING NO
VPR584	CR 669AM
VPR61	CR 116BB
VPR626LC	CR 130AM
VPR643	CR 420CP
VPR644	CR 403AM
VPR669	CR 882CP
VPR671	CR6642AM
VPR673	CR 803AM
VPR688A	CR4221AM
VPR695LC	CR6631CP
VPR698	CR 438AM
VPR723A	CR 456AM
VPR739	CR4491AM
VPR742	CR 451AM
VPR744	CR 654AM
VPR747	CR 666CP
VPR751	CR4034AM
VPR757A	CR 622AM
VPR765	CR 461AM
VPR772LC	CR4225CP
VPR802	CR 416AM
VPR803	CR 821AM
VPR819A	CR 410AM
VPR821	CR 115AM
VPR847A	CR 422AM
VPR850	CR 620AM
VPR855	CR6660AM
VPR858	CR 103AM
VPR858	CR 103CP
VPR859	CR 409CP
VPR862	CR 431AM
VPR863A	CR 301AM
VPR865A	CR 454AM
VPR867A	CR 655AM
VPR871	CR 618AM
VPR873A	CR 614AM
VPR882A	CR4410AM
VPR891A	CR 673AM
VPR893	CR4406AM
VPR91006A	CR 435AM
VPR91017	CR4490AM
VPR91022	CR 404AM
VPR91027	CR 441AM
VPR91029	CR 631AM
VPR91034	CR4439AM
VPR91044	CR4423AM
VPR91046	CR 624AM
VPR91069	CR 432SI
VPR91073A	CR 446AM
VPR91082	CR4223AM
VPR91092	CR 804AM
VPR91092 ~	CR 804SI
VPR91099	CR 806AM
VPR91099	CR 840AM
VPR91101	CR4401CP
VPR91101A	CR4401AM
VPR91109	CR 608AM
VPR91113	CR 805SI
VPR91114	CR 434AM
VPR91116A	CR4284AM
VPR91130A	CR 462AM
VPR91132A	CR 653AM
VPR91136	CR 444AM
VPR91147	CR6649AM
VPR91168	CR6632CP
VPR91173	CR4403AM
VPR91179	CR 302AM
VPR91181	CR4418AM
VPR91186	CR4419AM
VPR91190A	CR4402AM
VPR91193A	CR 464AM
VPR91201	CR 642SI
VPR91205A	CR 414AM
VPR91214A	CR4409AM
VPR91219A	CR4412AM
VPR91224	CR 449AM

VANDERVELL	KING NO
VPR91229A	CR4448AM
VPR91239A	CR4413AM
VPR91242	CR8006AM
VPR91244	CR6614SI
VPR91246	CR 646AM
VPR91252	CR 625AM
VPR91259	CR 817AM
VPR91271	CR 809AM
VPR91271	CR 809AM
VPR91273	CR 640AM
VPR91273 ~	CR 640SI
VPR91275	CR 808SI
VPR91277	CR 641SI
VPR91280	CR 815AM
VPR91284A	CR 648SI
VPR91295A	CR4132AM
VPR91300	CR 443AM
VPR91300	CR 443CP
VPR91302A	CR4432AM
VPR91306A	CR4441AM
VPR91307	CR4465AM
VPR91316A	CR4411AM
VPR91318A	CR 643AM
VPR91320	CR4421AM
VPR91323	CR 679AM
VPR91324	CR 807AM
VPR91324 ~	CR 807SI
VPR91329A	CR 818SI
VPR91332	CR6602CP
VPR91344A	CR4438AM
VPR91347	CR4449AM
VPR91349A	CR4440AM
VPR91353	CR6609AM
VPR91357	CR4424AM
VPR91369	CR1203CP
VPR91371	CR4446AM
VPR91373	CR4442AM
VPR91383A	CR4428AM
VPR91386	CR 118AM
VPR91391A	CR4433AM
VPR91403	CR 467CP
VPR91406	CR 674CP
VPR91412	CR 676CP
VPR91414	CR 681CP
VPR91417 /VP379	CR 652CP
VPR91418A	CR4452AM
VPR91420A	CR6601AM
VPR91422A	CR4473AM
VPR91424A	CR4499AM
VPR91427A	CR4011AM
VPR91428A	CR4426AM
VPR91435LB	CR6691CP
VPR91453A	CR4437AM
VPR91455A	CR4461AM
VPR91467	CR 133CP
VPR91469	CR 813SI
VPR91469	CR 833HP
VPR91471	CR 814AM
VPR91471 ~	CR 814SI
VPR91474	CR4003AM
VPR91480	CR4425AM
VPR91486	CR6606AM
VPR91494	CR6603CP
VPR91498	CR 411AM
VPR91500	CR6621CP
VPR91518	CR6672AM
VPR91520	CR4460AM
VPR91522A	CR4453AM
VPR91527A	CR 685AM
VPR91532	CR4476SI
VPR91536A	CR6708AM
VPR91538	CR6657CP
VPR91540	CR 670CP
VPR91542	CR 135CP
VPR91545	CR 169AM
VPR91550LC	CR6734CP
VPR91552	CR 503AM

VANDERVELL	KING NO
VPR91559	CR 408AM
VPR91563A	CR4077AM
VPR91566 /92475	CR4060AM
VPR91570	CR 683CP
VPR91572A	CR4474AM
VPR91573	CR4420AM
VPR91574	CR 129AM
VPR91574LC	CR 219CP
VPR91582	CR 816AM
VPR91582 ~	CR 816SI
VPR91584	CR4482AM
VPR91586A	CR4485AM
VPR91590A	CR4475AM
VPR91595	CR 604AM
VPR91610	CR6610AM
VPR91611	CR 448AM
VPR91613	CR4431AM
VPR91614	CR6607AM
VPR91616	CR4451AM
VPR91617	CR6612AM
VPR91620	CR4447AM
VPR91624	CR 692AM
VPR91628A	CR4481AM
VPR91640	CR4492AM
VPR91643	CR 820AM
VPR91644LC	CR1205CP
VPR91661A	CR4488AM
VPR91669	CR4181AM
VPR91675	CR4334AM
VPR91676	CR4141SI
VPR91681	CR4129AM
VPR91683A	CR4466AM
VPR91731	CR 471CP
VPR91734A	CR4483AM
VPR91736LC	CR6608AM
VPR91738	CR6763CP
VPR91740	CR6633CP
VPR91745A	CR6615AM
VPR91747	CR6605AM
VPR91761	CR 613AM
VPR91767	CR6726CP
VPR91769LB	CR6689CP
VPR91770	CR 841CP
VPR91772A	CR4064AM
VPR91777	CR 697CP
VPR91777A	CR 697AM
VPR91778	CR4014AM
VPR91779	CR 699CP
VPR91786	CR4462AM
VPR91787	CR4463AM
VPR91791	CR 824CP
VPR91798	CR6640CP
VPR91809	CR1209CP
VPR91811	CR4047CP
VPR91812A	CR4140AM
VPR91813	CR 611AM
VPR91814	CR 472AM
VPR91817A	CR4272AM
VPR91818	CR6616SI
VPR91819	CR6618SI
VPR91850A	CR4493AM
VPR91854A	CR4498AM
VPR91855A	CR4496AM
VPR91860A	CR4038AM
VPR91861	CR6604AM
VPR91864	CR6652CP
VPR91867	CR4016AM
VPR91877A	CR4495AM
VPR91892A	CR4078AM
VPR91895	CR4405CP
VPR91901LB	CR6690CP
VPR91902LB	CR6692CP
VPR91905	CR4104AM
VPR91908	CR 436AM
VPR91910	CR 505AM
VPR91914	CR4073CP
VPR91915	CR4083CP

VANDERVELL	KING NO
VPR91916A	CR4006AM
VPR91917	CR1015AM
VPR91922	CR1016AM
VPR91927A	CR4158AM
VPR91933A	CR4147AM
VPR91935A	CR4106AM
VPR91939	CR 605AM
VPR91939 ~	CR 605SI
VPR91941	CR 424AM
VPR91943	CR6619AM
VPR91943 ~	CR6619SI
VPR91947	CR 501AM
VPR919620	CR4085AM
VPR91970	CR6721CP
VPR91971A	CR4170AM
VPR91972	CR1210CP
VPR91972(8)	CR 860CP
VPR91973A	CR4168AM
VPR91974	CR1213CP
VPR91975	CR 183CP
VPR91978	CR1208CP
VPR91983	CR1211CP
VPR91983(8)	CR 876CP
VPR91984A	CR4122AM
VPR91986A	CR4175AM
VPR91987	CR6674CP
VPR91988	CR1214CP
VPR91989	CR 155CP
VPR91991	CR4133AM
VPR92000A	CR4075AM
VPR92004A	CR 306AM
VPR92006LC	CR 667CP
VPR92008LC	CR 661CP
VPR92010LC	CR 663CP
VPR92014	CR 445CP
VPR92016	CR 474SI
VPR92031A	CR4141SI
VPR92032	CR 405AM
VPR92034	CR4295AM
VPR92036A	CR4159AM
VPR92041A	CR4497AM
VPR92045	CR6723CP
VPR92047	CR 426AM
VPR92051	CR4443AM
VPR92060	CR 201AM
VPR92062A	CR4489AM
VPR92065	CR4028AM
VPR92067A	CR 413AM
VPR92069A	CR 429AM
VPR92071	CR4018AM
VPR92073A	CR4137AM
VPR92077	CR4093AM
VPR92079	CR 649AM
VPR92087	CR4088AM
VPR92098LB	CR6688CP
VPR92123LC	CR4017AM
VPR92127LC	CR4025AM
VPR92134A	CR4273AM
VPR92138A	CR6809CP
VPR92141	CR4155AM
VPR92145	CR4264CP
VPR92146	CR6756CP
VPR92148	CR6749CP
VPR92150A	CR4128AM
VPR92167	CR4048CP
VPR92168	CR6630CP
VPR92177	CR6656CP
VPR92181	CR1222CP
VPR92185	CR1234CP
VPR92187A	CR4099AM
VPR92190A	CR4232AM
VPR92194A	CR4531CP
VPR92195	CR4173AM
VPR92198	CR 196AM
VPR92199	CR1217AM
VPR92207(8)	CR 875CP
VPR92217A	CR4171AM

VANDERVELL	KING NO
VPR92220A	CR1010AM
VPR92221A	CR 179AM
VPR92223A	CR1009AM
VPR92232	CR1021AM
VPR92238A	CR1278AM
VPR92245	CR 658CP
VPR92247	CR 659CP
VPR92248	CR 627CP
VPR92250	CR 628CP
VPR92256A	CR4127AM
VPR92260	CR4177AM
VPR92264LC	CR4144CP
VPR92266LC	CR6733CP
VPR92268	CR1206AM
VPR92269	CR1207AM
VPR92270A	CR 180AM
VPR92278A	CR1295CP
VPR92290	CR 437CP
VPR92290A	CR 437AM
VPR92291	CR 502CP
VPR92317A	CR4040AM
VPR92318	CR 216CP
VPR92325A	CR4071AM
VPR92326	CR 506AM
VPR92327	CR6673XA
VPR92328	CR1212CP
VPR92328(8)	CR 877CP
VPR92330	CR 325CP
VPR92333	CR4020AM
VPR92339	CR6724CP
VPR92346	CR 131CP
VPR92347	CR4345CA
VPR92347A	CR4062AM
VPR92350LC	CR 660CP
VPR92392A	CR4050AM
VPR92405LC	CR6651AM
VPR92407	CR 324AM
VPR92416LC	CR4185AM
VPR92433	CR4001AM
VPR92446A	CR4229AM
VPR92453	CR4102AM
VPR92477	CR 204AM
VPR92491A	CR 457AM
VPR92493A	CR4052AM
VPR92494A	CR 418AM
VPR92496LC	CR4210AM
VPR92498	CR6654CP
VPR92499A	CR 682AM
VPR92500LC	CR6665AM
VPR92501A	CR 632AM
VPR92502LC	CR 664CP
VPR92504	CR6713CP
VPR92505	CR6714CP
VPR92524	CR4104AM
VPR92525	CR 505AM
VPR92532	CR6730CP
VPR92534A	CR 652AM
VPR92536A	CR 673AM
VPR92537A	CR4301AM
VPR92551	CR4269AM
VPR92555	CR 635CP
VPR92558LC	CR 665CP
VPR92559LC	CR 886CP
VPR92561	CR 440AM
VPR92563 /91651	CR4082AM
VPR92565LC	CR1230CP
VPR92566LC	CR1232CP
VPR92568LC	CR4467CP
VPR92569A	CR4306AM
VPR92570A	CR4198AM
VPR92571A	CR4220AM
VPR92576	CR4292CP
VPR92577	CR6671CP
VPR92590LC	CR1235CP
VPR92593LC	CR1233CP
VPR92594LC	CR1231CP
VPR92600	CR4042AM

VANDERVELL	KING NO
VPR92608A	CR4152AM
VPR92610A	CR4190AM
VPR92616A	CR6718AM
VPR92623	CR4495AM
VPR92624	CR4002AM
VPR92625	CR4096AM
VPR92629LC	CR 629CP
VPR92634A	CR4207SI
VPR92634A	CR4207XA
VPR92661	CR4136AM
VPR92662D	CR4150SI
VPR92672LC	CR4228CP
VPR92674	CR6785CP
VPR92680	CR 885CP
VPR92695	CR6783CP
VPR92702	CR6784CP
VPR92708LC	CR6744CP
VPR92713LC	CR4239CP
VPR92714LC	CR6746CP
VPR92720A	CR4141SI
VPR92737A	CR4224AM
VPR92739	CR6696AM
VPR92753	CR6725CP
VPR92760SA	CR4231AM
VPR92776A	CR4134AM
VPR92794	CR6695AM
VPR92795	CR6676SI
VPR92796LC	CR4209CP
VPR92811LC	CR4074AM
VPR92815	CR6639CP
VPR92816D	CR4176CP
VPR92818	CR 634CP
VPR92820	CR 506AM
VPR92824A	CR4178SI
VPR92825A	CR4171AM
VPR92826	CR 507AM
VPR92827A	CR 526SX
VPR92828	CR4270AM
VPR92835	CR 442CP
VPR92836A	CR4141SI
VPR92841A	CR4230AM
VPR92843	CR4154CP
VPR92845	CR1215CP
VPR92858A	CR4131AM
VPR92858D	CR4131CP
VPR92860A	CR6679AM
VPR92861LC	CR4207SI
VPR92861LC	CR4207XA
VPR92866A	CR6716AM
VPR92870	CR 321AM
VPR93005	CR4307AM
VPR93007	CR4227CA
VPR93008A	CR4311CA
VPR93009	CR4373SI
VPR93010A	CR4304AM
VPR93011A	CR4305AM
VPR93025A	CR4236AM
VPR93111	MB 111AM
VPS96052	PB 169CP
VPS96069	PB 122CP
VPS96090	PB 107CP
VPS96202	PB 129CP
VPS96208	PB 168CP
VPS96247	PB 112CP
VPS96331	PB 201CP
VPW01004A	TW 179AM
VPW01066A	TW 197AM
VPW02001A	TW1006AM
VPW02015A	TW1005AM
VPW02016A	TW 256AM
VPW02026A	TW 198AM
VPW04008	TW2012CP
VPW10	TW 115AM
VPW105	TW 252AM
VPW12	TW 109AM
VPW14	TW 221AM
VPW190	TW 204AM

VANDERVELL	KING NO
VPW20	TW 114AM
VPW20	TW 232AM
VPW21	TW 105AM
VPW23	TW 121AM
VPW24	TW 117AM
VPW28	TW 103AM
VPW30	TW 205AM
VPW34	TW 104AM
VPW40	TW 219AM
VPW40	TW 219CP
VPW41	TW 215CP
VPW43	TW 186AM
VPW49	TW 120AM
VPW77	TW 216AM
VPW79	TW 250AM
VPW8	TW 214AM
VPW81	TW 206CP
VPW92	TW 107AM
VPW95000	TW 208AM
VPW95002	TW 220AM
VPW95007	TW 217AM
VPW95022	TW 239AM
VPW95022	TW 239CP
VPW95028	TW 123AM
VPW95032	TW 242CP
VPW95033	TW 240CP
VPW95035	TW 212AM
VPW95036	TW 113AM
VPW95037	TW 223AM
VPW95039	TW 297AM
VPW95041	TW 230AM
VPW95044	TW 233AM
VPW95048A	TW2003AM
VPW95050A	TW 191AM
VPW95053A	TW 172AM
VPW95054	TW 226AM
VPW95060	TW 222AM
VPW95067	TW 209AM
VPW95068	TW 118AM
VPW95071	TW 225AM
VPW95075	TW 235AM
VPW95076	TW 255AM
VPW95080	TW 110AM
VPW95084	TW 122AM
VPW95088	TW 251AM
VPW95091	TW 132AM
VPW95092A	TW 227AM
VPW95094A	TW 135AM
VPW95099A	TW2014AM
VPW95112A	TW 228AM
VPW95125A	TW 231AM
VPW95142A	TW 177AM
VPW95144	TW 244AM
VPW95145A	TW2008AM
VPW95170	TW2009AM
VPW95173A	TW2013AM
VPW95201	TW 245AM
VPW95209A	TW2005AM
VPW95221A	TW2004AM
VPW95227	TW 246AM
VPW95236	TW 162AM
VPW95247A	TW 260AM
VPW95260A	TW 268AM
VPW95264	TW 296AM
VPW95272	TW 182AM
VPW95300A	TW 142AM
VPW95315A	TW 188AM
VPW95333A	TW 166AM
VPW95A	TW 106AM