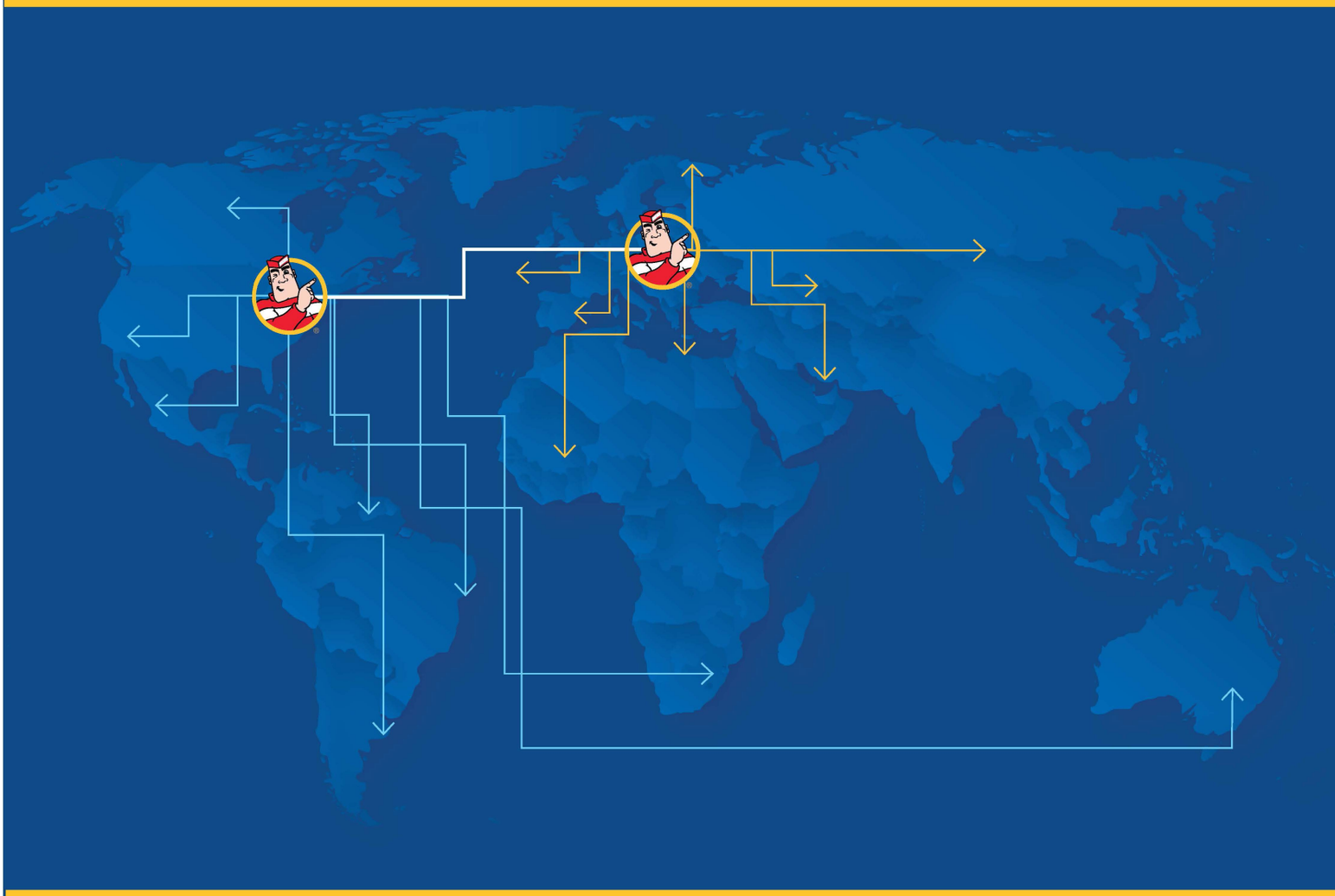
HASTINGS® Piston Rings

Master Catalog 2022 EMEA

25,000 PART NUMBERS • **2.5** MILLION + APPLICATIONS • **ONE WELL EARNED REPUTATION**

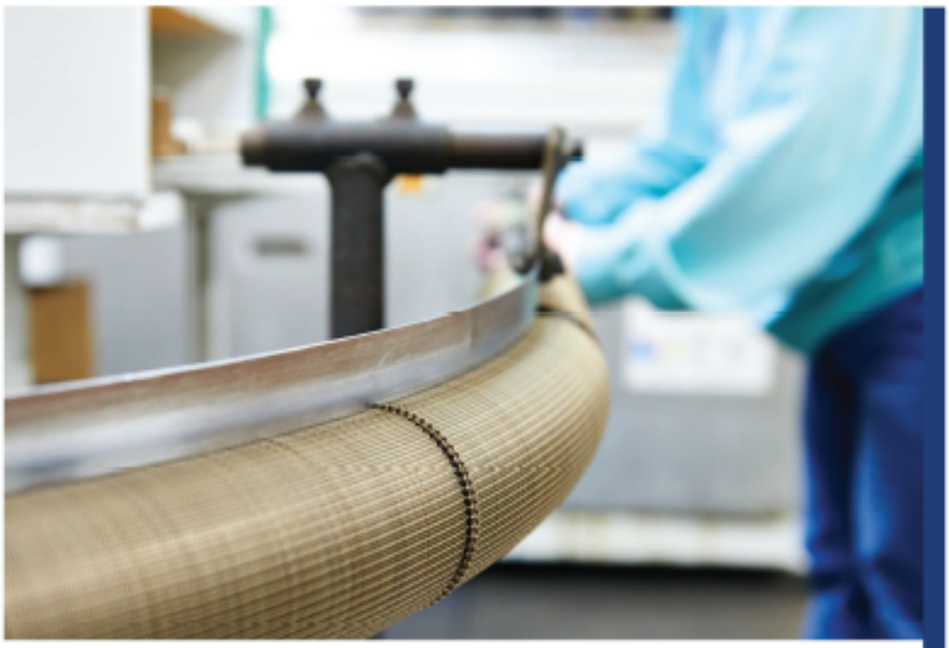


The Widest Aftermarket Portfolio in the WORLD!

100+ Years | Best Supply Chains | Global Distribution | Quailty Products

A World Leader in the Engineering and Manufacturing of Piston Rings



















HASTINGS PISTON RINGS.
MADE FOR THE WORLD.

Since 1915, Hastings Manufacturing Company has been a world power in piston ring engineering and manufacturing. With the most comprehensive line of piston rings available today, Hastings has piston rings for virtually every engine type – car, truck, motorcycle, lawn & garden, compressor, marine, agriculture and performance racing. In service to OEMs worldwide, Hastings designs and manufactures piston rings for the world's most recognizable and trusted brands.

At Hastings, we only manufacture piston rings – and for good reason. We believe that manufacturing the best product takes a singular and constant focus. This keeps us focused on what we do best: delivering ultimate confidence for customers around the globe. Hastings delivers what the world wants in piston rings: precision, performance, and confidence, no matter the engine or application.

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HOW TO USE THIS CATALOG

ICON DESCRIPTIONS

We've updated our applications header to make page viewing simpler and easier.
Below is a legend that describes each icon.

1 2 3 4 5 6 7 8 9 10 11 12 13

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
ACURA												
D16A1	4 CYL	1.6 L	1590		1986-89	Integra	75.00	1.20	398 BF CR S	2C4640	4	STD
								1.50	435 SCRP PC GI	2C4640010		0.25
								2.80	859 FV CR	2C4640020		0.50
									732 FV CR	2C4640030		0.75
										2C4640040		1.00
										2C4640060		1.50

1 ENGINE
2 NO OF CYLINDERS IN ENGINE
3 LITERS
4 DISPLACEMENT (CUBIC CENTIMETERS)
5 DISPLACEMENT (CUBIC INCHES)
6 YEAR
7 MODEL
8 BORE
9 HEIGHT
10 PART TYPE AND DESCRIPTION
11 PART NUMBER
12 NO OF CYLINDERS IN RING SET
13 SIZE



PISTON RING PREFIXES

No Prefix ..... Cast Iron Compression Rings
Cast Iron or Chrome Oil Rings

2C Prefix ..... Chrome Top Compression Rings
Chrome Oil Rings

2M Prefix ..... Moly Top Compression Rings
Chrome Oil Rings

2D Prefix ..... Have various ring face coatings and materials that are suitable for modern diesel engine designs

2N Prefix ..... Contains Nitride components (top ring and/or 3 pc oil rings)

SN Prefix ..... Contains Nitride and PVD components

CODING AND MATERIAL ABBREVIATIONS

1PCO ..... 1PIECE OIL

2PCO ..... 2 PIECE OIL

FV FLEX-VENT® .... 3 PIECE FLEX VENT

BF..... BARREL FACE

CC ..... CERAMIC CHROME

CR ..... CHROME

CHR..... CHROME RAIL

CI..... CARBIDIC IRON

CF ..... CONFORMATIC

CF KST ..... CONFORMATIC KEYSTONE

DI..... DUCTILE IRON

FKST ..... FULL KEYSTONE

GI..... GREY IRON

GL ..... GROOVE LOCK SPACER

HKST..... HALF KEYSTONE

DI..... HIGH TENSIL

KYS ..... KEY STONE

N..... NAPIER

GN..... NITRIDE

PVD GN ..... PVD NITRIDE

PC ..... PHOSPHATE COATED

PM..... PLASMA MOLY

RVT ..... REVERSE TORSIONAL

RVT BF ..... REVERSE TOSIONAL BARREL FACE

SCRP ..... SCRAPER

SCRP TF..... SCRAPER TAPER FACE

SS..... STAINLESS STEEL

S ..... STEEL

SN ..... STEEL NITRIDE

ST..... STRAIGHT FACE

TF ..... TAPER FACE

TFN ..... TAPER FACE NAPIER

TFN CI..... TAPER FACE NAPIER CARBIDIC IRON

T ..... TORSIONAL

TBF..... TORSIONAL BARREL FACE

TTF..... TORSIONAL TAPER FACE

3CR ..... TRIPLE CHROME

Hastings Engineering Department reserves the right to change set contents between catalog publications.

ENGINE BUILDING AND RING INSTALLATION

IMPORTANT ASPECTS OF ENGINE REBUILDING

- Lack of engine cleanliness
- Rough/imperfect bore entrance chamfers
- Burr on bottom of bore
- Poor cylinder bore finish
- Spiraling rings manually onto piston
- Excessive spreading rings manually onto piston
- Not using/improper use of ring compressor
- Piston damage – dents, groove damage



MANY THINGS ARE NOT REBUILDERS' FAULT

- Computers (bad calibration)
- Sensors (bad sensor)
- EGR valve (too much exhaust)
- Intake manifold (debris, leakage, runs hot)

THINGS TO REMEMBER DURING RING INSTALLATION

- Insert rings squarely into the bore and measure end gap with feeler gauge
- Adjust gap if needed by filing both sides of gap equally
- Use ring expander tool to install rings on piston, so as not to deform ring—do not spiral on rings
- Install directional rings with the dot up (otherwise oil pumping may occur)
- Install 2.0mm 3-piece oil ring with expander points up to avoid catching in drain-back hole/slot in oil groove bottom
- Stagger location of end gaps on each ring 180 degrees apart
- Clean bores with hot soapy water and scrub brush; wipe with clean white rag to check for any residue
- Lightly oil cylinder walls and rings with regular non-synthetic motor oil
- Properly tighten ring compressor so rings don't catch on edge of cylinder or pop out in bore (don't force piston if it is hung up)
- Typical engine break-in: use conventional motor oil—change oil after first 3,000 miles/ 4,828 kilometers. Use only synthetic motor oil if originally specified by manufacturer

PISTON RING INSTALLER

This handy ring install tool is inexpensive and easy to use. Just insert the ring ends in wedge jaws, expand ring gently, and slip into groove. Also ideal for removing rings easily, without damage.



Part #1723

SIZE CONVERSIONS

MULTIPLY	BY	TO OBTAIN
Inches	25.4	Millimeters
Millimeters	.03937	Inches
Cubic Inches	16.38716	Cubic Centimeters
Liters	61.023	Cubic Inches

COMMON INCH OVER/UNDERSIZES CONVERTED TO MILLIMETERS

DECIMAL INCHES	MILLIMETERS	DECIMAL INCHES	MILLIMETERS
.001	0.0254	.020	0.5080
.002	0.0508	.030	0.7620
.003	0.0762	.040	1.0160
.005	0.1270	.050	1.2700
.010	0.2540	.060	1.5240

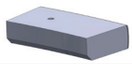
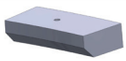
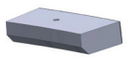
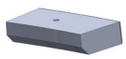
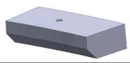
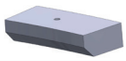
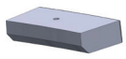
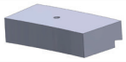
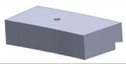
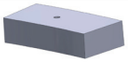
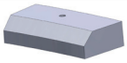
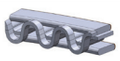
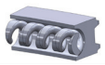
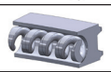
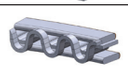
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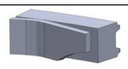
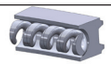
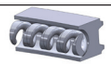
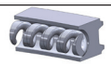
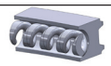
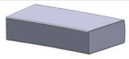
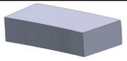
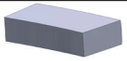
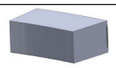
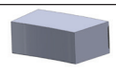
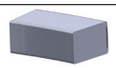
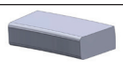
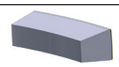
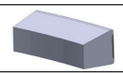
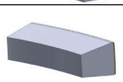
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0.0500	.0020	1.0000	.0394
0.2500	.0098	1.2500	.0492
0.3000	.0118	1.5000	.0591
0.5000	.0197	2.0000	.0787
0.7500	.0295		

RING WIDTH CONVERSION CHART

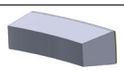
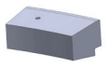
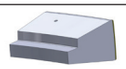
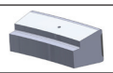
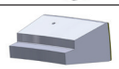
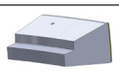
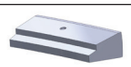
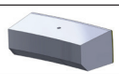
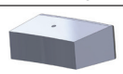
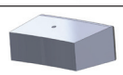
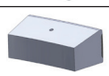
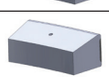
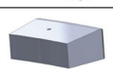
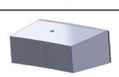
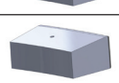
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.0390	1.00	
.0469	1.20	3/64"
.0570	1.45	
.0590	1.50	
.0625	1.59	1/16"
.0690	1.75	
.0710	1.80	
.0770	1.95	
.0781	1.98	5/64"
.0787	2.00	
.0880	2.20	
.0890	2.25	
.0900	2.30	
.0937	2.38	3/32"
.0950	2.40	
.0980	2.50	
.1100	2.80	
.1180	3.00	
.1210	3.07	
.1230	3.12	
.1250	3.18	1/8"
.1280	3.25	
.1350	3.43	
.1380	3.50	
.1406	3.57	9/64"
.1560	3.97	5/32"
.1570	3.98	
.1575	4.00	
.1770	4.50	
.1875	4.75	3/16"
.1970	5.00	
.2187	5.50	
.2190	5.56	7/32"
.2360	6.00	
.2500	6.35	1/4"
.2560	6.50	
.3125	7.94	5/16"
.3750	9.53	3/8"

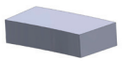
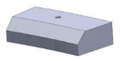
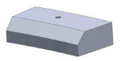
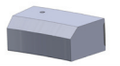
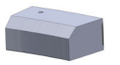
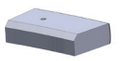
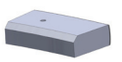
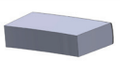
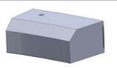
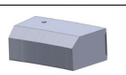
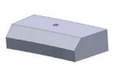
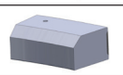
PISTON RING TYPES

GV_TYP	TYPE	PROFILE	G1_COAT	G1_MATL	
406, 407	LCR	NAPIER HI TENSILE	PHOSPHATE	DUCTILE IRON	
242	UCR	REV TORSIONAL BARREL FACE	CHROME	DUCTILE IRON	
123	LCR	REV TORSIONAL HI TENSILE	PHOSPHATE	DUCTILE IRON	
223	LCR	REVERSE TORSIONAL	CHROME	DUCTILE IRON	
349	LCR	REVERSE TORSIONAL	CHROME	GREY IRON	
209, 214	LCR	REVERSE TORSIONAL	PHOSPHATE	DUCTILE IRON	
126, 130, 610	LCR	REVERSE TORSIONAL	PHOSPHATE	GREY IRON	
352	LCR	REVERSE TORSIONAL	TRIPLE CHROME	GREY IRON	
401, 435	LCR	SCRAPER	PHOSPHATE	GREY IRON	
210, 234	LCR	SCRAPER TAPER FACE	PHOSPHATE	DUCTILE IRON	
236	LCR	TAPER FACE	CHROME	DUCTILE IRON	
206, 218	LCR	TAPER FACE	PHOSPHATE	DUCTILE IRON	
202, 229	LCR	TORSIONAL TAPER FACE	PHOSPHATE	DUCTILE IRON	
501, 520	OCR	1 PC.	PHOSPHATE	GREY IRON	
502	OCR	1 PC. HI TENSIL	PHOSPHATE	DUCTILE IRON	
672, 708	OCR	3PC. FLEX-VENT	NITRIDE	STEEL RAIL/ STAINLESS EXP	
579	OCR	CONFORMAT F KSTON 5 DEG	CHROME	GREY IRON	
553, 565, 881	OCR	2PC. CONFORMATIC	PHOSPHATE	COILED SPRING	
5, 9, 46, 52, 54, 55, 56, 57, 58, 59, 85, 533, 541, 621, 622, 635, 710, 728, 732, 856, 858, 859, 860, 861, 869, 870, 871, 872, 874, 934, 935, 981, 985, 986, 989, 990, 991, 993, 995, 996, 997, 999	OCR	3PC. FLEX-VENT	CHROME RAIL	STEEL RAIL/ STAINLESS EXP	

GV_TYP	TYPE	PROFILE	G1_COAT	G1_MATL	
501, 502	OCR	2PC. CONFORMATIC	INNER SPRING	SPACER SPRING	
204	OCR	CONFORMATIC	CHROME	DUCTILE IRON	
248	OCR	CONFORMATIC	CHROME	HT IRON	
203	OCR	CONFORMATIC	NITRIDED	STAINLESS STEEL	
200	OCR	CONFORMATIC	PHOSPHATE	GREY IRON	
239, 378	UCR	BARREL FACE	CERAMIC CHROME	DUCTILE IRON	
205, 217, 226, 376	UCR	BARREL FACE	CHROME	DUCTILE IRON	
398	UCR	BARREL FACE	CHROME	STEEL	
363	UCR	BARRELL FACE	CHROME	GREY IRON	
362	UCR	BARRELL FACE	TRIPLE CHROME	GREY IRON	
25	UCR	BARREL FACE	PHOSPHATE	DUCTILE IRON	
32, 252	UCR	BARREL FACE	PHOSPHATE	GREY IRON	
219, 231, 334, 337	UCR	BARREL FACE	PLASMA MOLY	DUCTILE IRON	
327	UCR	BARREL FACE	PLASMA MOLY	GREY IRON	
397	UCR	BARREL FACE	PLASMA MOLY	STEEL	
201, 322	UCR	BARREL FACE	NITRIDE	STAINLESS STEEL	
225	UCR	FULL KEY STONE 15 DEG BARREL FACE	CHROME	DUCTILE IRON	
224, 233	UCR	FULL KEY STONE 15 DEG BARREL FACE	PLASMA MOLY	DUCTILE IRON	
221	UCR	FULL KEY STONE 15DEG BARREL FACE	CERAMIC CHROME	DUCTILE IRON	
213	UCR	FULL KEY STONE 6 DEG BARREL FACE	CERAMIC CHROME	DUCTILE IRON	
227, 238	UCR	FULL KEY STONE 6 DEG BARREL FACE	CHROME	DUCTILE IRON	

PISTON RING TYPES (continued)

GV_TYP	TYPE	PROFILE	G1_COAT	G1_MATL	
240	UCR	FULL KEY STONE 6 DEG TORS BBL F	CERAMIC CHROME	DUCTILE IRON	
222	UCR	FULL KEY STONE 6DEG BARREL FACE	CERAMIC CHROME	DUCTILE IRON	
208, 241	UCR	FULL KEY STONE 7 DEG BARREL FACE	CERAMIC CHROME	DUCTILE IRON	
170	LCR	FULL KEY STONE 15 DEG TORSION	PHOSPHATE	GREY IRON	
462	UCR	FULL KEY STONE 15 DEG SCRAPER	PHOSPHATE	GREY IRON	
165	UCR	FULL KEY STONE 10 DEG TORSION	PHOSPHATE	GREY IRON	
365	UCR	FULL KEY STONE 10 DEG TORSION	CHROME	DUCTILE IRON	
372	UCR	FULL KEY STONE 15 DEG TORSION	CHROME	DUCTILE IRON	
373	UCR	FULL KEY STONE 15 DEG TORSION	PLASMA MOLY	DUCTILE IRON	
381	UCR	FULL KEY STONE 20 DEG TORSION	CHROME	DUCTILE IRON	
180	UCR	FULL KEY STONE 20 DEG TORSION	PHOSPHATE	GREY IRON	
361	UCR	FULL KEY STONE 6 DEG TORSION	CHROME	DUCTILE IRON	
160	UCR	FULL KEY STONE 6 DEG TORSION	PHOSPHATE	GREY IRON	
235	LCR	1/2 KEY STONE 7 DEG REV TORS	CHROME	DUCTILE IRON	
211	UCR	1/2 KEY STONE 7 DEG BARREL FACE	CERAMIC CHROME	DUCTILE IRON	
232	UCR	1/2 KEY STONE 7 DEG BARREL FACE	CHROME	DUCTILE IRON	
228	UCR	1/2 KEY STONE 7 DEG BARREL FACE	PLASMA MOLY	DUCTILE IRON	
243	UCR	1/2 KEY STONE 7DEG REV TOR BBL	PLASMA MOLY	DUCTILE IRON	
390	UCR	1/2 KEY STONE 7.5 DEG	CHROME	GREY IRON	
394	UCR	1/2 KEY STONE 10 DEG	CHROME	DUCTILE IRON	
370	UCR	1/2 KEY STONE 7 DEG TORSION	TRIPLE CHROME	GREY IRON	

GV_TYP	TYPE	PROFILE	G1_COAT	G1_MATL	
95	UCR	1/2 KEY STONE 10 DEG	PHOSPHATE	GREY IRON	
90	UCR	1/2 KEY STONE 5 DEG	PHOSPHATE	GREY IRON	
1	UCR	STRAIGHT FACE	PHOSPHATE	GREY IRON	
129	LCR	TORSIONAL	PHOSPHATE	CARBIDIC IRON	
102, 135	UCR	TORSIONAL	PHOSPHATE	GREY IRON	
339, 345	UCR	TORSIONAL	PLASMA MOLY	GREY IRON	
395	UCR	TORSIONAL	PLASMA MOLY	STEEL	
212	UCR	TORSIONAL BARREL FACE	CERAMIC CHROME	DUCTILE IRON	
215, 244	UCR	TORSIONAL BARREL FACE	CHROME	DUCTILE IRON	
399	UCR	TORSIONAL BARREL FACE	CHROME	STEEL	
326	UCR	TORSIONAL BARREL FACE	NITRIDE	STAINLESS STEEL	
388	UCR	TORSIONAL BARREL FACE	PLASMA MOLY	STEEL	
220, 230	UCR	TORSIONAL BARREL FACE	PLASMA MOLY	DUCTILE IRON	
103	UCR	TORSIONAL,HI TENSIL	PHOSPHATE	DUCTILE IRON	
333, 335, 336	UCR	TORSIONAL,HI TENSIL	PLASMA MOLY	DUCTILE IRON	
901	OCR	GROOVE LOCK SPACER	BLACK OXIDE	NON-SEGMENTED STEEL	
902	OCR	GROOVE LOCK SPACER	BLACK OXIDE	NON-SEGMENTED STEEL	

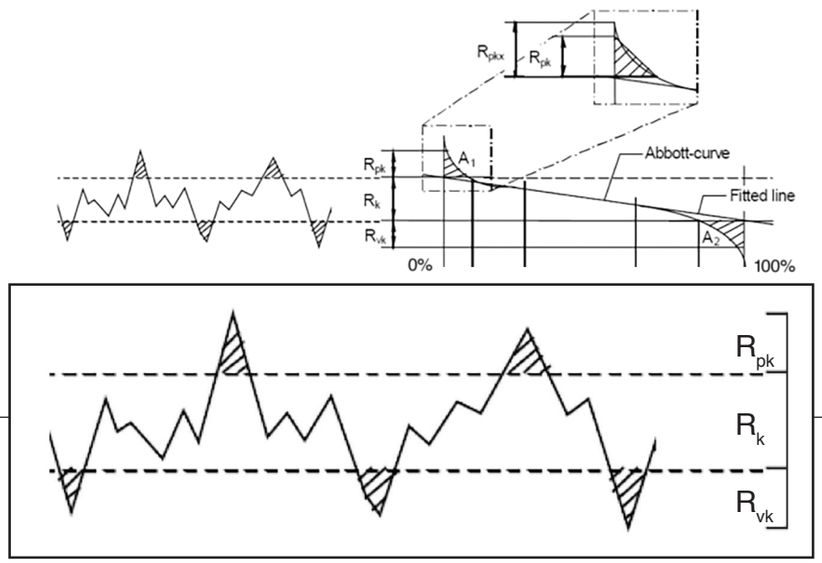
BORE FINISH

Rpk, Rk, and Rvk have replaced Ra as the most important baselines of measuring bore finish. These present a much more defined description of the actual bore finish surface.

Bearing Ratio Curve (percent of material contact between cylinder wall and ring)

Definition of Roughness Characteristics by DIN EN ISO 13 565 (1998.04)

A_1	Peak material volume
A_2	Area valley ratio
R_k	Core roughness depth
R_{pk}	Reduced peak height
R_{vk}	Reduced valley depth
M_{r1}	Peak material ratio
M_{r2}	Valley material ratio



Reduced Peak Height (Rpk)
The top portion of the surface, which will quickly be worn away when the engine begins to run

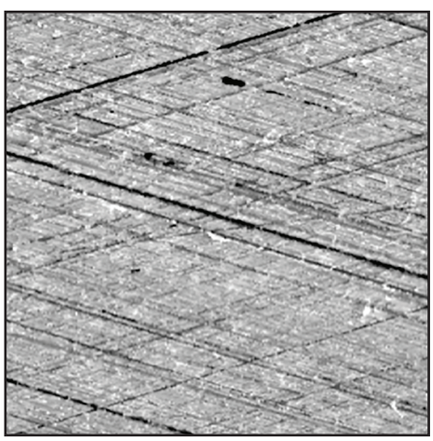
Core Roughness Depth (Rk)
The long term running surface, which will influence the performance and life of the cylinder

Reduced Valley Depth (Rvk)
The oil retaining capability of the deep troughs, which have been machined into the surface

INDUSTRY RECOMMENDATIONS

General Applications:
Good performance with good life
Rpk: 8-12 micro-inch (<12 optimum)
Rk: 25-35 micro-inch (25 optimum)
Rvk: 40-50 micro-inch (40 optimum)
Ra: 15-20 micro-inch and 12-23 allowable

Pro-Stock & NASCAR:
Much smoother finish, much less life, but less friction
Rpk: 3-5 micro-inch
Rk: 12-18 micro-inch
Rvk: 20-25 micro-inch



OIL RETENTION & CROSS HATCH ANGLE

Oil Retention (valleys in bore surface)

- Rvk has very strong correlation to oil consumption
- Excessive Rvk leads to high oil consumption and excessive ring rotation
- Insufficient Rvk can lead to excessive ring and bore wear

Cross Hatch Angle

- Typical automotive application: 45° to each other (or 22°-32° to the horizontal deck surface)
- Cross hatch angle should be the same throughout the length of the cylinder and not flatten out at either end
- Performance racing low tension rings: 20°- 30°
- Nikasil® – Thermal Spray Bores – Hypereutectic Bores: 10°-15°

Source: Cross Hatch Angle data provided by Sunnen Products Company



HONING (GENERAL APPLICATIONS)

Standard Honing Practices
Stock Removal

- .0030" with 80-100 grit stone
  - – Bulk stock removal; produces deep valleys
- .0015" with 280-320 grit stone
  - – Prepares core roughness; regulates valley depth
- .0005" with 400-600 grit stone
  - – Prepares plateau attributes

Finish

- 320 grit abrasive filled nylon filament brush

OR

- 800 grit cork bond stone
  - – Removes surface defects left behind from honing

HONING (RACING ENGINES)

Standard Honing Practices
Stock Removal

- EHU412 150 grit stone
  - – Bulk stock removal; produces deep valleys
- .0020" with JHU623 280 grit stone
  - – Prepares core roughness; regulates valley depth
- .0003" with C30J95 500 grit stone
  - – These stones need to be cut down to 2.750" long
  - – Prepares plateau attributes

Rpk: < 10 micro-inch
Rvk: 18-25 micro-inch

BORE FINISH (continued)

COMMON DEVIATIONS FROM A GOOD BORE FINISH

Cross hatch grooves irregularly spaced
Causes: Varying reciprocation rates, poor stone breakdown with alternate loading and breakdown, stone grade too hard and/or grit too coarse
Effect: Poor oil distribution, erratic break-in, poor oil economy

Wide, deep cross hatch grooves
Causes: Stone grit too coarse, excessive stone pressure, poor stone break-down, insufficient lubricant
Effect: Causes abnormal wear, excessive oil consumption, poor and variable break-in period

One directional cut
Causes: Excessive play in hone components
Effect: Causes rapid wear, poor seating, excessive ring rotation, lowers oil control

Low cross hatch angle
Causes: Low reciprocation rate compared to RPM used
Effects: High impact forces causing excessive wear, poor oil distribution, slower break-in of rings

Cross hatch groove folded and fragmented
Causes: Stone grit too coarse and/or grade too soft, insufficient lubricant
Effect: Causes scratching, high wear, raises ring temperatures, high and erratic oil consumption

Too little plateau
Causes: Stone grit too coarse, insufficient stock removal per cut
Effect: Excessive ring wear, high temperatures

Glazed plateau
Causes: Excessive stone pressures, loaded stones (too hard a grade), insufficient lubricant
Effect: Slows down seating-in and increases oil consumption

Excessive voids in cylinder wall
Causes: Excessive stone pressures, loaded stones (too hard a grade), insufficient lubricant
Effect: Increases oil consumption, rapid wear, reduces uniformity from engine to engine

CHECKING COMPRESSION RING GAPS

RECOMMENDED AUTOMOTIVE COMPRESSION RING GAP CLEARANCES

CYLINDER DIAMETER IN MILLIMETERS	RING GAP TOLERANCE IN MILLIMETERS
25.4 to 60.00496	0.1524 to 0.3556
60.0075 to 74.99096	0.2032 to 0.4064
74.9935 to 89.97696	0.254 to 0.508
89.9795 to 109.9795	0.3048 to 0.5588
109.982 to 129.982	0.3556 to 0.6604
129.9845 to 149.9845	0.4064 to 0.762
149.987 to 175.0035	0.508 to 0.889
175.006 to 228.5975	0.6096 to 1.0414

CYLINDER DIAMETER IN INCHES	RING GAP TOLERANCE IN INCHES
1.0000 to 2.3624	.006 to .014
2.3625 to 2.9524	.008 to .016
2.9525 to 3.5424	.010 to .020
3.5425 to 4.3299	.012 to .022
4.3300 to 5.1174	.014 to .026
4.3300 to 5.1174	.016 to .030
5.9050 to 6.8899	.020 to .035
6.8900 to 8.9999	.024 to .041

An important fact to remember is that these tolerances are rigidly adhered to by the manufacturers and that the ring gaps are inspected in gauges accurate to .0001" at the cylinder diameter for which the ring is manufactured. Any increase in the diameter of the cylinder the ring is being used in, over the designated size, results in an increase of approximately .003" in ring gap for each .001" increase in cylinder diameter.

NEW RELEASES

PN	MAKE	LITER	ENGINE	SIZE
4628	FORD	5.4 L	Vin: A,L,R,3,5	STD, 0.25, 0.50, 0.75, 1.00, 1.50
5188	NISSAN	5.6 L	VK56, VK56DE,QX56 Vin: U	STD, 0.50, 0.75, 1.00
5800	ROVER	1.3 L	12 A2B, A Series A+ Series (12 A2D) A+ Series (12 A2E) A+ Series (12 H)	STD, 0.50, 1.00, 1.50
2C4086	HYUNDAI	1.0 L	G3LA	STD, 0.25, 0.50
	KIA	1.0 L	G3LA	
2C4088	FIAT	1.0 L	GSE-N3 1.0 Firefly	STD, 0.40
2C4090	RENAULT	1.0 L	B4D	STD, 0.50
2C4091	NISSAN	1.0 L	HR10	STD, 0.50
2C4092	FIAT	1.3 L	1.3 Firefly	STD, 0.40
2C4114	GENERAL MOTORS	3.6 L	LFX Vin: 3	STD, 0.25, 0.50, 0.75
2C4132	TOYOTA	2.5 L	2ARFE	STD, 0.50, 0.75
		2.7 L	1ARFE	
2C4150	FORD	2.0 L	TPBA Ecoboost	STD
	JAGUAR	2.0 L	204PT	
	LAND ROVER	2.0 L	204PT	
	VOLVO	2.0 L	B 4204 T7	
2C4179	GENERAL MOTORS	2.0 L	ATS, CTS	STD, 0.50, 0.75
2C4204	AUDI	3.6 L	BHK	STD
	VOLKSWAGON	3.6 L	BLV, BHK, CDVA, CHNA	
2C4313	RENAULT	1.6 L	K7M 702, K7M 703, K7M 710 K7M 720, K7M 744, K7M 745 K7M 746,K7M 790	STD
2C4356	FORD	1.5 L	Vin: D Ti-VCT SOHC/ EcoBoost.	STD, 0.50
		1.6 L	LXV, LXT Vin: E,J,R,X Ti-VCT SOHC/ EcoBoost.	
	GENERAL MOTORS	1.6 L	LXV	
2C4504	HYUNDAI	1.6 L	G4FC, G4FG	STD, 0.25, 0.50, 1.00
	KIA	1.6 L	G4FC, G4FJ GAMMA	
2C4511	LEXUS	3.5 L	2GRFE	STD, 0.50, 0.75, 1.00
	TOYOTA	3.5 L	2GRFE Vin: W	
2C4550	CHRYSLER	3.6 L	Vin: G	STD, 0.50, 0.75, 1.00
	DODGE TRUCKS	3.6 L	ERB Vin: G	
	HYUNDAI	3.8 L		
	JEEP	3.6 L	G	
	KIA	3.8 L		
2C4564	GENERAL MOTORS	2.0 L	2.0 L	STD, 0.25, 0.50, 0.75
		2.4 L	LEA Vin: B, W	
		2.5 L	LKW	
2C4586	LEXUS	4.6 L	1URFE	STD, 0.25, 0.50, 0.75, 1.00
	TOYOTA	4.6 L	1URFE	
		5.7 L	3URFE	
2C4835	HYUNDAI	2.0 L	Vin: D	STD, 0.50, 0.75, 1.00
	JEEP	2.0 L	ECN Vin:A	
2C4972	ACURA	3.5 L	J35A1, J35A3, J35A8 J35Y4, J35Z2 J35Z6, J35A6	STD, 0.50, 0.75, 1.00
	HONDA	3.5 L	J35A6, J35A7, J35A9, J35Y1, J35Y2 J35Z1, J35Z4, J35Z5, J35Z8	
2C5133	GENERAL MOTORS	3.6 L	LLT Vin: 7, D	STD, 0.25, 0.50, 0.75, 1.00
2C5159	BMW	1.6 L	W10B16A	STD, 0.50, 1.00
2C5162	FORD	2.5 L	Vin: 3, 7, A 16V Duratec 25	STD, 0.25, 0.50, 0.75, 1.00
2C5164	FORD	3.5 L	24V Duratec 35 Ecoboost	STD, 0.50, 0.75, 1.00
2C5185	GENERAL MOTORS	1.8 L	X18XE1 Vin:H Opel Eng.	STD, 0.25
	OPEL	1.8 L	X18XE1	

NEW RELEASES

PN	MAKE	LITER	ENGINE	SIZE
2C5252	GENERAL MOTORS	1.4 L	LUJ LUV Vin:9 ,B, C	STD, 0.50, 0.75, 1.00
2C5253	HONDA	1.5 L	L15A1	STD, 0.50, 0.75, 1.00
2C5282	FORD	2.0 L	TNWA, TNWB, TPBA, TPWA Ecoboost	STD, 0.50, 0.75, 1.00
	JAGUAR	2.0 L	204PT	
	LAND ROVER	2.0 L	204PT	
	VOLVO	2.0 L	B 4204 T7	
2C5293	INFINITI	3.5 L	VQ35HR, VQ35DE	STD, 0.25, 0.50, 0.75, 1.00
		3.7 L	VQ37VHR	
	NISSAN	3.5 L	VQ35HR, VQ35DE	
		3.7 L	VQ37VHR	
		4.0 L	VQ40DE	
2C5297	CHRYSLER	2.4 L	2AZFE Toyota Eng Vin: B,F,K	STD, 0.50, 0.75, 1.00
	JEEP	2.4 L	Vin:2	
2C5302	LAND ROVER	4.2 L	428PS	STD
2C5303	JAGUAR	3.0 L	306PS	STD
	LAND ROVER	3.0 L	306PS	
2C5310	MAZDA	1.5 L	ZY-DE, ZY-VE, ZY05, ZY66	STD, 0.50, 0.75
2C5802	HYUNDAI	1.0 L	G4HC	STD, 0.25, 0.50, 0.75, 1.00
	KIA	1.0 L	G4HC	
2C5855	FORD	1.6 L	Vin: J	STD, 0.50, 0.75
2D4512	HANOMAG	3.8 L	OM 314.915	STD, 0.50, 1.00
		5.7 L	OM 352.917, OM 353.916, OM 353.917	
	MERCEDES-BENZ	3.8 L	OM314.965, OM340.930, OM340.932, OM343.910, OM343.932, OM343.934	
		5.7 L	OM 341.900,OM 341.910,OM 341.911, OM 341.912,OM 341.915,OM 341.918, OM 341.919,OM 341.931,OM 341.932, OM 341.934,OM 341.935,OM 341.936, OM 341.938,OM 341.941,OM 341.946, OM 341.948,OM 341.949,OM 341.995, OM 344.905,OM 344.912,OM 344.919, OM 344.930,OM 344.932,OM 344.933, OM 344.940,OM 344.941,OM 344.943, OM 344.944,OM 344.945,OM 344.946, OM 344.949,OM 344.963,OM 344.991, OM 344.997,OM 352.900,OM 352.901, OM 352.902,OM 352.903,OM 352.904, OM 352.905,OM 352.906,OM 352.907, OM 352.908,OM 352.909,OM 352.910, OM 352.911,OM 352.912,OM 352.914, OM 352.915,OM 352.917,OM 352.919, OM 352.930,OM 352.931,OM 352.932, OM 352.933,OM 352.934,OM 352.935, OM 352.936,OM 352.938,OM 352.939, OM 352.942,OM 352.943,OM352.944, OM 352.945,OM 352.948,OM 352.953, OM 352.954,OM 352.955,OM 352.956, OM 352.957,OM 352.958,OM 352.959, OM 352.960,OM 352.961,OM 352.962, OM 352.963,OM 352.964,OM 352.965, OM 352.966,OM 352.967,OM 352.969, OM 352.970,OM 352.971,OM 352.972, OM 352.973,OM 352.974,OM 352.975, OM 352.976,OM 352.978,OM 352.979, OM 352.980,OM 352.981,OM 352.982, OM 352.983,OM 352.984,OM 352.985, OM 352.986,OM 352.987,OM 352.989, OM 352.990,OM 352.991,OM 352.992, OM 352.993,OM 352.996,OM 352.997, OM 352.998,OM 352.999,OM 353.900, OM 353.901,OM 353.902,OM 353.903, OM 353.904,OM 353.905,OM 353.907, OM 353.915,OM 353.916,OM 353.917, OM 353.922,OM 353.923,OM 353.930, OM 353.931,OM 353.932,OM 353.933, OM 353.934,OM 353.935,OM 353.936, OM 353.938,OM 353.940,OM 353.941, OM 353.942,OM 353.943,OM 353.944, OM 353.945,OM 353.946,OM 353.949, OM 353.957,OM 353.960,OM 353.961, OM 353.962,OM 353.963,OM 353.964, OM 353.965,OM 353.966,OM 353.967, OM 353.968,OM 353.969,OM 353.973, OM 353.980,OM 353.981,OM 353.982, OM 353.983,OM 353.984,OM 353.985, OM 353.989,OM 353.995,OM 396.900	
	TOYOTA	3.8 L	OM314.910	

NEW RELEASES

PN	MAKE	LITER	ENGINE	SIZE
2D4956	FORD-EUROPEAN	2.7 L	TD27	STD
	NISSAN	2.7 L	TD27, TD27T	
2D5306	CATERPILLAR	7.2L	C7	STD
2D5308	FORD-EUROPEAN	2.5 L	WL-T	STD, 0.50, 1.00
	MAZDA	2.5 L	WL-T Diesel Engine	
2D5309	HYUNDAI	2.6 L	D4BB Diesel Engine	STD, 0.50, 1.00
2D5480	FORD-EUROPEAN	5.7 L	OM352.937	STD, 0.50, 1.00
	HANOMAG	3.8 L	OM314.915	
		5.7 L	OM352.917, OM353.916, OM353.917	
	MERCEDES-BENZ	3.8 L	OM314.910-965,OM314.965, OM340.930, OM340.932, OM343.910, OM343.932, OM343.934	
		5.7 L	OM 341.900,OM 341.910,OM 341.911, OM 341.912,OM 341.913,OM 341.915, OM 341.918,OM 341.919,OM 341.931, OM 341.932,OM 341.933,OM 341.934, OM 341.935,OM 341.936,OM 341.937, OM 341.938,OM 341.939,OM 341.941, OM 341.943,OM 341.946,OM 341.947, OM 341.948,OM 341.949,OM 341.950, OM 341.995,OM 341.996,OM 344.905, OM 344.912,OM 344.913,OM 344.919, OM 344.930,OM 344.931,OM 344.932, OM 344.933,OM 344.940,OM 344.941, OM 344.943,OM 344.944,OM 344.945, OM 344.946,OM 344.949,OM 344.963, OM 344.991,OM 344.997,OM 352.900, OM 352.901,OM 352.902,OM 352.903, OM 352.904,OM 352.905,OM 352.906, OM 352.907,OM 352.908,OM 352.909, OM 352.910,OM 352.911,OM 352.912, OM 352.913,OM 352.914,OM 352.915, OM 352.916,OM 352.917,OM 352.918, OM 352.919,OM 352.930,OM 352.931, OM 352.932,OM 352.933,OM 352.934, OM 352.935,OM 352.936,OM 352.937, OM 352.938,OM 352.939,OM 352.942, OM 352.943,OM 352.944,OM 352.945, OM 352.946,OM 352.948,OM 352.949, OM 352.950,OM 352.953,OM 352.954, OM 352.955,OM 352.956,OM 352.957, OM 352.958,OM 352.959,OM 352.960, OM 352.961,OM 352.962,OM 352.963, OM 352.964,OM 352.965,OM 352.966, OM 352.967,OM 352.968,OM 352.969, OM 352.970,OM 352.971,OM 352.972, OM 352.973,OM 352.974,OM 352.975, OM 352.976,OM 352.978,OM 352.979, OM 352.980,OM 352.981,OM 352.982, OM 352.983,OM 352.984,OM 352.985, OM 352.986,OM 352.987,OM 352.988, OM 352.989,OM 352.990,OM 352.991, OM 352.992,OM 352.993,OM 352.994, OM 352.996,OM 352.997,OM 352.998, OM 352.999,OM 353.900,OM 353.901, OM 353.902,OM 353.903,OM 353.904, OM 353.905,OM 353.907,OM 353.909, OM 353.910,OM 353.911,OM 353.912, OM 353.913,OM 353.914,OM 353.915, OM 353.916,OM 353.917,OM 353.921, OM 353.922,OM 353.923,OM 353.930, OM 353.931,OM 353.932,OM 353.933, OM 353.934,OM 353.935,OM 353.936, OM 353.937,OM 353.938,OM 353.940, OM 353.941,OM 353.942,OM 353.943, OM 353.944,OM 353.945,OM 353.946, OM 353.949,OM 353.950,OM 353.951, OM 353.952,OM 353.953,OM 353.954, OM 353.957,OM 353.958,OM 353.960, OM 353.961,OM 353.962,OM 353.963, OM 353.964,OM 353.965,OM 353.966, OM 353.967,OM 353.968,OM 353.969, OM 353.970,OM 353.971,OM 353.972, OM 353.973,OM 353.974,OM 353.975, OM 353.976,OM 353.977,OM 353.978, OM 353.980,OM 353.981,OM 353.982, OM 353.983,OM 353.984,OM 353.985, OM 353.989,OM 353.991,OM 353.995, OM 353.997,OM 396.900	

NEW RELEASES

PN	MAKE	LITER	ENGINE	SIZE
2D5635	DEUTZ	4.1 L	BF 4 L 913	STD
			BF 4 L 913 T	
		6.1 L	BF 6 L 913	
			BF 6 L 913 C	
			BF 6 L 913 T	
	LIEBHERR	4.1 L	BF 4 L 913	
2D5646	DEUTZ	4.1 L	BF 4 L 913 T	STD
		6.1 L	BF 6 L 913 T	
2D5807	MITSUBISHI	2.8 L	4M40T	STD
2D7052	MERCEDES-BENZ	4.3 L	OM 900.911 Euro 4	STD, 0.30, 0.60, 0.90
			OM 900.912 Euro 4	
			OM 900.913 Euro 4	
			OM 900.915 Euro 4	
			OM 900.916 Euro 4	
			OM 900.917 Euro 4	
			OM 900.918 Euro 4	
			OM 900.919 Euro 4	
			OM 900.920 Euro 4	
			OM 900.921 Euro 4	
			OM 900.922 Euro 4	
		6.4 L	OM 902.913 Euro 4	
			OM 902.914 Euro 4	
			OM 902.915 Euro 4	
			OM 902.916 Euro 4	
			OM 902.917 Euro 4	
			OM 902.918 Euro 4	
			OM 902.923 Euro 4	
			OM 902.924 Euro 4	
			OM 902.925 Euro 4	
			OM 902.926 Euro 4	
			OM 902.927 Euro 4	
			OM 902.930 Euro 4	
			OM 902.931 Euro 4	
			OM 902.932 Euro 4	
			OM 902.933 Euro 4	
			OM 902.934 Euro 4	
			OM 902.936 Euro 4	
			OM 906.910 Euro 2	
			OM 906.911 Euro 2	
			OM 906.919 Euro 2	
			OM 906.920	
			OM 906.921 Euro 2	
			OM 906.922 Euro 2	
			OM 906.999	
2D7054	MERCEDES-BENZ	4.8 L	OM 924.927 Euro 5	STD, 0.30, 0.60
			OM 924.930 Euro 5	
			OM 924.931 Euro 5	
			OM 924.934 Euro 5	
			OM 924.935	
			OM 924.936 Euro 5	
			OM 924.937 Euro 5	
			OM 924.938	
		7.2 L	OM 925.920 EEV	
			OM 925.960 EEV	
			OM 926.945 Euro 5	
			OM 926.946 Euro 5	
			OM 926.947 Euro 5	
			OM 926.948 Euro 5	
			OM 926.949 Euro 4	
			OM 926.959	
			OM 926.970	
			OM 926.971	
			OM 926.972	
			OM 926.973	
			OM 926.974	
			OM 926.975	
			OM 926.976	

NEW RELEASES

PN	MAKE	LITER	ENGINE	SIZE
2D7087	DOOSAN	8.8 L	DC 9	STD
		11.7 L	DC 12, DT 12	
			Euro 3	
	SCANIA	8.8 L	DC 9 (DOOSAN)	
			DC 9.11 Euro 3	
			DC 9.12 Euro 3	
			DC 9.13 Euro 3	
			DC 9.16 Euro 4	
			DC 9.17 Euro 4	
			DC 9.18 Euro 4	
			DC 9.19	
			DC 9.20 Euro 3	
			DC 9.21 Euro 3	
			DC 9.60 A 177 Euro 2	
			DC 9.60 A 199 Euro 2	
			DC 9.60 A 228 Euro 2	
			DC 9.60 A 243 Euro 2	
			DC 9.61 A 228 Euro 3	
			DC 9.61 A 243 Euro 3	
			DC 9.62 A Euro 3	
			DC 9.63 A Euro 3	
			DC 9.64 A 177 Euro 3	
			DC 9.64 A 199 Euro 3	
			DC 9.65 A Euro 3	
			DC 9.68 A Euro 3	
			DC 9.69 A Euro 3	
		10.6 L	DC 11.01 Euro 2	
			DC 11.02 Euro 2	
			DC 11.03 Euro 3	
			DC 11.04 Euro 3	
			DC 11.06 Euro 3	
			DC 11.07 Euro 2	
			DC 11.08 Euro 3	
			DC 11.09 Euro 3	
		11.0 L	DN 11.06 B	
			DSC 11 (Gas)	
			DSC 11 Euro 2	
		11.7 L	DC 12	
			DC 12.01 Euro 3	
			DC 12.02	
			DC 12.03 Euro 3	
			DC 12.09 Euro 3	
			DSC 12 Gas	
			DSC 12.01 Euro 2	
			DSC 12.02 Euro 2	
			DSC 12.03 Euro 2	
			DSC 12.05 Euro 2	
			DT 12 Euro 3	
			DT 12.02 Euro 3	
		15.6 L	DC 16 Gas	
			DC 16.02 Euro 3	
2D7095	DAF	6.1 L	DF 615, DT 615,	STD
			DTD 615	
2D7096	MERCEDES-BENZ	10.0 L	OM 429.951,OM 429.953,OM 429.955,	STD
			OM 475.907-505,OM 475.907-506,OM 475.950,	
			OM 475.951,OM 475.952,OM 475.953,	
			OM 475.954,OM 475.982,OM 475.984,	
			OM 475.985,OM 475.986,OM 475.989,	
			OM 475.991,OM 475.994,OM 475.997,	
			OM 475.998,OM 485.980,OM 489.960,	
			OM 489.961	
		11.0 L	OM 421.900/-000,OM 421.901-410,	
			OM 421.901-500,OM 421.901-510,	
			OM 421.901/-400,OM 421.905,	
			OM 421.906,OM 421.907,OM 421.908,	
			OM 421.909,OM 421.910,OM 421.923,	
			OM 421.951,OM 421.967,OM 441.901,	
			OM 441.901-400,OM 441.901-500,	
			OM 441.901-504,OM 441.901-505,	
			OM 441.901-507 Euro 2,OM 441.901-520,	
			OM 441.901-530,OM 441.950 Euro 0,	
			OM 441.951,OM 441.953 Euro 0,	
			OM 441.955 Euro 0,OM 441.960 Euro 0,	
			OM 441.961 Euro 0,OM 441.962 Euro 0,	
			OM 441.980 Euro 1,OM 441.981,OM 441.982,	
			OM 441.983,OM 441.985 Euro 0,	
			OM 441.986 Euro 1,OM 441.987 Euro 1,	
			OM 441.988 Euro 1,OM 441.989 Euro 1,	
			OM 441.990 Euro 1,OM 441.991 Euro 1,	
			OM 441.992 Euro 1,OM 441.993 Euro 1,	
			OM 441.994 Euro 1,OM 441.995 Euro 1,	
			OM 441.996 Euro 1,OM 441.997 Euro 1,	
			OM 441.998 Euro 1,OM 441.999 Euro 1,	
			OM 445.920 Euro 2,OM 445.921 Euro 2,	
			OM 445.922 Euro 2,OM 445.923 Euro 2,	
			OM 445.924 Euro 2,OM 445.925 Euro 2,	

NEW RELEASES

PN	MAKE	LITER	ENGINE	SIZE
2D7096	MERCEDES-BENZ	11.0 L	OM 445.926 Euro 2,OM 445.927 Euro 2, OM 445.929 Euro 2,OM 445.930 Euro 2, OM 445.931 Euro 2,OM 445.933 Euro 2, OM 445.934 Euro 2,OM 445.935 Euro 2, OM 445.936 Euro 2,OM 445.937 Euro 2, OM 445.938 Euro 2,OM 445.939 Euro 2, OM 445.940 Euro 2,OM 445.941 Euro 2, OM 481.902,OM 481.904,OM 481.912, OM 481.930,OM 481.940,OM 481.941	STD
2D7096	MERCEDES-BENZ	12.0 L	M 447.925,M 476.921,M 476.925, M 476.926,M 476.927,OM 427.900/-000, OM 427.901/-200,OM 427.902-500, OM 427.902/-400,OM 427.903/-600, OM 427.905,OM 427.910,OM 427.911, OM 427.950,OM 427.951,OM 427.952, OM 447.9 Euro 1,OM 447.900/-000, OM 447.901-204 Euro 1,OM 447.901/-200, OM 447.902,OM 447.902-400,OM 447.902-500, OM 447.902-520,OM 447.902-521, OM 447.903 Euro 2,OM 447.903-501 Euro 0, OM 447.903-600,OM 447.903-604 Euro 1, OM 447.903-701 Euro 0,OM 447.903-704 Euro 1, OM 447.903-705,OM 447.903-707 Euro 2, OM 447.905,OM 447.906,OM 447.907, OM 447.908,OM 447.910,OM 447.911, OM 447.912,OM 447.913 Euro 1, OM 447.914 Euro 1,OM 447.915,OM 447.916, OM 447.947 Euro 1,OM 447.948 Euro 2, OM 447.950 Euro 0,OM 447.951 Euro 0, OM 447.952 Euro 0,OM 447.953 Euro 0, OM 447.954 Euro 1,OM 447.955 Euro 1, OM 447.956 Euro 1,OM 447.957 Euro 1, OM 447.958 Euro 1,OM 447.959 Euro 1, OM 447.960 Euro 1,OM 447.970 Euro 2, OM 447.971 Euro 2,OM 447.972 Euro 2, OM 447.973 Euro 2,OM 447.974 Euro 2, OM 447.975 Euro 2,OM 447.976 Euro 2, OM 447.977 Euro 2,OM 447.978 Euro 2, OM 447.979 Euro 2,OM 447.980 Euro 1, OM 447.981 Euro 1,OM 447.982 Euro 1, OM 447.983 Euro 1,OM 447.984 Euro 1, OM 447.985 Euro 1,OM 447.986 Euro 1, OM 447.987 Euro 1,OM 447.988 Euro 2, OM 447.990 Euro 2,OM 447.991 Euro 2, OM 447.992 Euro 2,OM 447.993 Euro 2, OM 447.994 Euro 2,OM 447.995 Euro 1, OM 447.996 Euro 2,OM 447.998 Euro 2, OM 447.999 Euro 2,OM 457.914 Euro 2/3, OM 457.917 Euro 2/3,OM 457.933 Euro 2/3, OM 457.934 Euro 2/3,OM 457.935 Euro 2/3, OM 457.936 Euro 2/3,OM 457.937 Euro 2/3, OM 457.938 Euro 2/3,OM 457.939 Euro 2/3, OM 457.940 Euro 2/3,OM 457.941 Euro 2/3, OM 457.942 Euro 2/3,OM 457.943 Euro 2/3, OM 457.944 Euro 2/3,OM 457.945 Euro 2/3, OM 457.946 Euro 2/3,OM 457.949 Euro 2/3, OM 457.962 Euro 2/3,OM 466.900-005, OM 476.916,OM 476.916-405,OM 476.916-406, OM 476.917,OM 476.917-505,OM 476.917-506, OM 476.917-508,OM 476.950,OM 476.977 Euro 2, OM 476.980,OM 476.981,OM 476.982, OM 476.983,OM 476.985 Euro 1	STD
		14.6 L	OM 422.900/-000,OM 422.901, OM 422.901-400,OM 422.901-410, OM 422.921,OM 422.922,OM 422.923, OM 440.971 Euro 1,OM 440.972 Euro 1, OM 440.973 Euro 1,OM 440.975 Euro 1, OM 440.976 Euro 1,OM 440.978 Euro 1, OM 440.979 Euro 1,OM 440.980 Euro 1, OM 440.981 Euro 1,OM 440.982 Euro 1, OM 440.983 Euro 1,OM 440.984 Euro 1, OM 440.985 Euro 1,OM 440.986 Euro 1, OM 440.987 Euro 1,OM 440.988 Euro 1, OM 440.989 Euro 1,OM 440.990 Euro 1, OM 440.991 Euro 1,OM 442.901-404 Euro 1, OM 442.901-502,OM 442.901-504 Euro 1, OM 442.901-505 Euro 1,OM 442.901-506 Euro 1, OM 442.901-507 Euro 2,OM 442.901-508 Euro 2, OM 442.901-520,OM 442.901/-400, OM 442.941 Euro 0,OM 442.942 Euro 0, OM 442.943 Euro 0,OM 442.944 Euro 0, OM 442.945 Euro 0,OM 442.946 Euro 0, OM 442.950 Euro 0,OM 442.951 Euro 0, OM 442.952 Euro 0,OM 442.953 Euro 0, OM 442.954 Euro 0,OM 442.955 Euro 0, OM 442.957 Euro 0,OM 442.958 Euro 0,	

NEW RELEASES

PN	MAKE	LITER	ENGINE	SIZE
2D7096	MERCEDES-BENZ	14.6 L	OM 442.959 Euro 0,OM 442.960 Euro 0, OM 442.961 Euro 0,OM 442.962 Euro 0, OM 442.963 Euro 0,OM 442.964 Euro 0, OM 442.965 Euro 0,OM 442.966 Euro 0, OM 442.967 Euro 0,OM 442.968 Euro 0, OM 442.969-502 Euro 0,OM 442.969-503 Euro 0, OM 442.971 Euro 0,OM 442.972 Euro 0, OM 442.974 Euro 0,OM 442.975 Euro 0, OM 442.976 Euro 0,OM 442.977 Euro 1, OM 442.978 Euro 1,OM 442.980 Euro 0, OM 442.982 Euro 0,OM 442.983 Euro 0, OM 442.985 Euro 0,OM 442.989, OM 442.991 Euro 0,OM 442.992 Euro 0, OM 442.993 Euro 0,OM 442.994 Euro 0, OM 442.995 Euro 1,OM 442.996 Euro 1, OM 442.997 Euro 1,OM 442.998 Euro 1, OM 442.999 Euro 1,OM 442A Euro 1, OM 446.920 Euro 2,OM 446.922 Euro 2, OM 446.923 Euro 2,OM 446.924 Euro 2, OM 446.925 Euro 2,OM 446.926 Euro 2, OM 446.927 Euro 2,OM 446.928 Euro 2, OM 446.929 Euro 2,OM 446.930 Euro 2, OM 446.931 Euro 2,OM 446.932 Euro 2, OM 446.933 Euro 2,OM 446.934 Euro 2, OM 446.935 Euro 2,OM 446.936 Euro 2, OM 446.938 Euro 2,OM 446.939 Euro 2, OM 446.940 Euro 2,OM 446.941 Euro 2, OM 446.942 Euro 2,OM 446.943 Euro 2, OM 446.945 Euro 2,OM 446.946 Euro 2, OM 446.948 Euro 2,OM 462.900-410 Euro 0, OM 462.900-411 Euro 0,OM 462.900-414 Euro 0, OM 462.900-510 Euro 0,OM 462.900-511 Euro 0, OM 482.912,OM 482.930,OM 482.940, OM 482.941,OM 492.900-001,OM 492.900-002, OM 492.900-004,OM 492.900-005, OM 492.900-007,OM492.900-008, OM 492.900-009,OM 492.900-010, OM 492.900-013,OM 492.900-405, OM 492.900-406,OM 492.900-409, OM 492.900-411,OM 492.900-501	STD
		18.3 L	OM 423.900/-000, OM 423.901 OM 423.901-400, OM 423.901-500 OM 423.901-510, OM 423.905 OM 423.906, OM 423.907 OM 423.908, OM 423.909 OM 423.950, OM 443.901-500 Euro 0 OM 443.901-504 Euro 1 OM 443.940 Euro 0, OM 443.980 Euro 0 OM 493.900-001 (AFS), OM 493.900-501 (AFS)	
		21.9 L	OM 444.901-400 Euro 0 OM 444.901-410 Euro 0 OM 444.901-500 Euro 0 OM 444.901-504 Euro 0 OM 444.901-505 Euro 0 OM 444.901-506 Euro 0 OM 424.900/-000, OM 424.901 OM 424.901-400, OM 424.901-500 OM 424.901-510	
2D7097	ALFA ROMEO FIAT	1.9 L 1.9 L	182 B9.000 (Euro 3) 182 B4.000, 182 B9.000 (Euro 3) 188 A3.000, 223 A6.000 (Euro 3)	STD
2D7098	MAN	5.7 L	D 0226 MC,D 0226 MCE,D 0226 MCFO, D 0226 MK,D 0226 MKE,D 0226 MKF D 0226 MKFA,D 0226 MKFO,D 0226 MKH, D 0226 ML,D 0226 MLE,D 0226 MT, D 0226 MTE,D 0226 MTE 51, D 0226 MTXE 51	STD
2D7099	VOLVO	7.3 L	D 7 C 215 Euro 2 D 7 C 250 Euro 2 D 7 C 275 Euro 2 D 7 C 290 Euro 2 D 7 C 310 Euro 2	STD
2D7306	TOYOTA	2.4 L 2.8 L	2GD-FTV 1GD-FTV	STD
2D7307	NISSAN	3.0 L	ZD30, ZD30DDT, ZD30DDTi	STD
2D7308	CITROEN JAGUAR LAND ROVER PEUGEOT	3.0 L 3.0 L 3.0 L 3.0 L	DT20C 306DT, AJV6D 306DT, 30DDTX 306DT, AJV6D	STD
2D7309	NISSAN	3.0 L	ZD30, ZD30DDT, ZD30DDTi	STD
2D7310	TOYOTA	3.0 L	1KZ-TE	STD
2M4161	CHRYSLER	6.2L	ESD Supercharged	STD
2M4183	FORD	3.7 L	Vin:K,M,N,R Duratec 37	STD, 0.50, 0.75, 1.00

NEW RELEASES

PN	MAKE	LITER	ENGINE	SIZE
2M4577	JEEP	3.2 L	EHB, EHK VIN: S, X	STD
2M4978	GENERAL MOTORS-TRUCKS	4.8 L 5.3 L	Vin: A,C,V,O,7,4 LC9, LS4 Vin: 0,3,4 B,C,J, L,M,P,T,Z	STD, 0.25, 0.50, 0.75, 1.00, 1.50
2M5141	CHRYSLER	5.7 L	EZB, EZC, EZH Vin: T	STD, 0.16, 0.50, 0.75, 1.00
	DODGE TRUCKS	5.7 L	EZC, EZH Vin: T	
	JEEP	5.7 L	EZH Vin: T	
2M5170	GENERAL MOTORS GENERAL MOTORS-TRUCKS	6.0 L 6.0 L	LS2, L96 LS2, L96 LC8, LZ1 Vin: B, G, H, K, U, Y, 2, 5, 8	STD, 0.125, 0.25, 0.50, 0.75, 1.00, 1.50
2M5285	GENERAL MOTORS-TRUCKS	4.3 L	LV3 Vin: H / 12 Valves EcoTec3	STD
2M5292	GENERAL MOTORS	6.2 L	LS3, LSA, L94, L9H, L99 Vin:F,J,P,R,T,W,2 OHV	STD, 0.25, 0.50, 0.75, 1.00
	GENERAL MOTORS-TRUCKS	6.2 L	LS3, L9H(Flex Fuel), L92, L99 Vin: 2, 8, R, W OHV	
2M5379	CHRYSLER	6.4 L	ESG, ESH Vin: J	STD, 0.50, 0.75, 1.00
	DODGE TRUCKS	6.4 L	ESG Vin: J	
	JEEP	6.4 L	ESG Vin: J	
2M5380	GENERAL MOTORS-TRUCKS	5.3 L	L82, L83, L84 Vin: C OHV FLEX/GAS ECOTEC 3	STD, 0.50, 0.75
2M5381	GENERAL MOTORS	6.2 L	LT1, LT4 Vin:6,7	STD, 0.50, 0.75
	GENERAL MOTORS-TRUCKS	6.2 L	L86, L87 Vin:L,J	
2M5433	CHRYSLER	6.4L	ESA,ESB Vin: J Naturally Aspirated	STD
	DODGE TRUCKS	6.4L	ESA,ESB Vin: J Naturally Aspirated	
2N5295	GENERAL MOTORS	6.2 L	LT4, LT5 Vin:6, 9	STD, 0.25, 0.50, 0.75
2N5307	DACIA	0.9 L 1.2 L 	H4B 400 H4B 405 H4B 408 H4B 410 H5F 402 H5F 404 H5F 410	STD
	NISSAN	0.9 L	H4B 408	
	RENAULT	0.9 L 1.0 L 1.2 L 	H4B 400 H4B 401 H4B 408 H4D 400 H5F 400 H5F 402 H5F 403 H5F 404 H5F 408 H5F 412	
	SMART	0.9 L 1.0 L	H4B 409 M 281.910 M 281.920	
2N5312	AUDI	1.0 L 1.4 L	CHZB, CHZD, CHZE CMBA, CPTA, CPWA, CXSA, CXSB, CZCA, CZDA, CZEA EA211	STD
	SEAT	1.0 L 1.4 L 1.5 L 	CHZB, CHZC, CHZD CHPA, CMBA, CPTA, CPWA, CXSA, CZCA, CZDA, CZEA DACA, DADA EA211 Evo	
	SKODA	1.0 L 1.4 L	CHZD CHPA, CZCA, CZDA, CZEA EA211	

NEW RELEASES

PN	MAKE	LITER	ENGINE	SIZE
2N5312	VOLKSWAGON	1.0 L	CHZA, CHZB, CHZC, CHZD, CHZK	
		1.4 L	CHPA, CMBA, CNLA, CPTA, CPVA, CPVB, CPWA, CRJA, CXSA, CXSB, CZCA, CZDA, CZEA	
			EA211	
		1.5 L	DACA	
			EA211 Evo	
			EA211	
2N5313	SUZUKI	1.2 L	K12M	STD, 0.50
SN4172	FORD	2.7 L	Vin: P	STD, 0.50
SN4173	FORD	2.7 L	Vin: P	STD, 0.50
SN4176	FORD	3.5 L	Vin: 4, G	STD
SN5224	SUBARU	2.0 L	FA20	STD
	TOYOTA	2.0 L	FA20	



ANILLOS DE PISTÓN
HECHOS PARA TODOS

Desde 1915, Hastings Manufacturing Company ha sido una potencia mundial en materia de ingeniería y fabricación de anillos de pistón. Con la línea más completa de anillos de pistón disponibles hoy en día, Hastings tiene anillos de pistón para casi todo tipo de motor: autos, camiones, motocicletas, cortacésped, compresores, botes, tractores y autos de carreras. Hastings les ofrece sus servicios a los fabricantes de equipos originales de todo el mundo, y diseña y fabrica anillos de pistón para las marcas más reconocidas y confiables del mundo.

En Hastings, solo fabricamos anillos de pistón, y por un buen motivo. Creemos que fabricar el mejor producto requiere un enfoque único y constante. Esto nos mantiene enfocados en lo que hacemos mejor: ofrecerles la máxima seguridad a clientes de todo el mundo. Hastings ofrece lo que todo el mundo busca en anillos de pistón: precisión, rendimiento y seguridad; sin importar el motor o el uso. Si tiene un motor de combustión interna, este funcionará mejor y durante más tiempo con los anillos de pistón Hastings.

ERRORES COMUNES A TOMAR EN CUENTA ANTES DE LA RECONSTRUCCIÓN DE UN MOTOR

- Falta de limpieza del motor
- Bordes de los biseles de entrada ásperos o con imperfecciones
- Zumbido en el fondo del orificio
- Acabado pobre del orificio cilindro
- Instalar manualmente los anillos en el pistón
- Comprimir los anillos al pistón manualmente y de forma excesiva
- No usar o usar incorrectamente el compresor de anillos
- Dañar el pistón: abolladuras o daños en los surcos

MUCHAS COSAS NO SON RESPONSABILIDAD DE LOS RESTAURADORES

- Computadoras (mala calibración)
- Sensores (sensor defectuoso)
- Válvula EGR (exceso de escape)
- Colector de entrada (residuos, fugas, exceso de calor)

COSAS A TOMAR EN CUENTA DURANTE LA INSTALACIÓN DE LOS ANILLOS

- Introduzca los anillos directamente en el orificio y mida el espacio restante con el calibrador de espesor.
- Ajuste el espacio restante de ser necesario y cubra ambos lados del mismo por igual.
- Use el expansor de anillos para instalar el mismo en el pistón y así evitar deformarlo; no le dé vueltas.
- Instale los anillos direccionales con el punto hacia arriba (de lo contrario puede ocurrir una fuga de aceite).
- Instale tres anillos de control de aceite de 2,0 mm con los puntos expansores hacia arriba para así evitar obstruir el orificio de drenaje de la ranura de lubricación inferior.
- Deje una distancia de 180 grados entre cada anillo.
- Limpie los orificios con agua jabonosa caliente y un cepillo; pase un trapo blanco limpio para comprobar si hay residuos.
- Lubrique ligeramente las paredes y los anillos del cilindro con aceite no sintético de motor.
- Ajuste adecuadamente el compresor de anillos para que los mismos no se traben al borde del cilindro o salgan por el orificio (no fuerce el pistón si se traba).
- Rodaje típico de motores: utilice aceite de motor convencional, cámbielo después de las primeras 3000 millas/4828 kilómetros. Utilice aceite sintético para motores solo si así lo especifica el fabricante original.

INSTALADOR DE LOS ANILLOS DEL PISTÓN

Esta herramienta práctica de instalación de anillos es económica y fácil de usar. Solo inserte el extremo del anillo en la cuña, despliegue el anillo suavemente y deslícelo en la ranura. También es ideal para quitar los anillos fácilmente sin dañarlos.



#1723

PREFIJO DE PISTÓN

Sin prefijo .... Anillos de compresión de hierro fundido
Anillos de control de aceite de hierro fundido o cromo

Prefijo 2C .... Anillos de compresión superiores de cromo
Anillos de control de aceite de cromo

Prefijo 2M .... Anillos de compresión superiores de molibdeno
Anillos de control de aceite de cromo

Prefijo 2D .... Tiene varios revestimientos para anillos y materiales perfectos para motores modernos de diésel

2N..... Contiene componentes de nitruro (anillos superiores o 3 anillos de control de aceite)

Prefijo SN ..... Contiene componentes de nitruro para PVD

CÓDIGOS Y ABREVIATURAS DE LOS MATERIALES

1PCO ..... 1 ACEITE

2PCO ..... 2 ACEITES

FV..... 3 CONDUCTOS FLEXIBLES

BF..... CILINDROS

CC ..... CROMO PARA CERÁMICA

CR ..... CROMO

CHR..... BARRA DE CROMO

CI..... HIERRO CARBÍDICO

CF..... CONFORMATIC

CF KST ..... ANILLOS KEYSTONE CONFORMATIC

DI..... HIERRO DÚCTIL

FKST ..... ANILLO KEYSTONE COMPLETO

GI..... HIERRO GRIS

GL..... ESPACIADORES DE CIERRE DE RANURA

HKST..... ANILLO KEYSTONE MEDIO

DI..... ALTA TENSIÓN

KYS ..... KEYSTONE

N..... NAPIER

GN..... NITRURADO

PVD GN ..... DEPOSICIÓN FÍSICA DE VAPOR (PVD) NITRIDO

PC ..... REVESTIMIENTO DE FOSFATO

PM..... PLASMA Y MOLIBDENO

RVT ..... REVERSA TORSIONAL

RVT BF..... CILINDRO DE REVERSA TORSIONAL

SCRP ..... ANILLO RASCADOR

SCRP TF..... ANILLO RASCADOR CÓNICO

SS..... ACERO INOXIDABLE

S ..... ACERO

SN ..... NITRURO DE ACERO

ST..... ANILLO RECTO

TF ..... ANILLO CÓNICO

TFN ..... ANILLO CÓNICO NAPIER

TFN CI..... ANILLO CÓNICO DE HIERRO CARBÍDICO NAPIER

T..... TORSIONAL

TBF..... CILINDRO TORSIONAL

TTF..... ANILLO TORSIONAL CÓNICO

3CR ..... CROMO TRIPLE

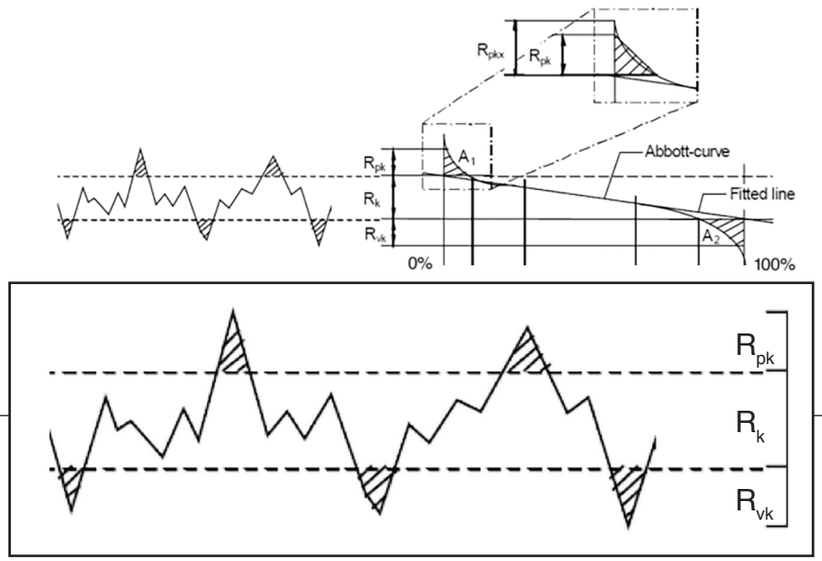
ACABADO DE LOS CILINDROS

Rpk, Rk y Rvk han reemplazado a Ra como las líneas más importantes para la medición del acabado de los cilindros. Estas ofrecen una descripción mucho más concreta de la superficie real del acabado de los cilindros.

Radio de curva de los rodamientos (porcentaje de contacto entre materiales de la pared del cilindro y el anillo)

Definition of Roughness Characteristics by DIN EN ISO 13 565 (1998.04)

A_1	Peak material volume
A_2	Area valley ratio
R_k	Core roughness depth
R_{pk}	Reduced peak height
R_{vk}	Reduced valley depth
M_{r1}	Peak material ratio
M_{r2}	Valley material ratio



Reducimiento de los picos de altura (Rpk)
La parte superior de la superficie, que se desgastará rápidamente cuando el motor empiece a funcionar

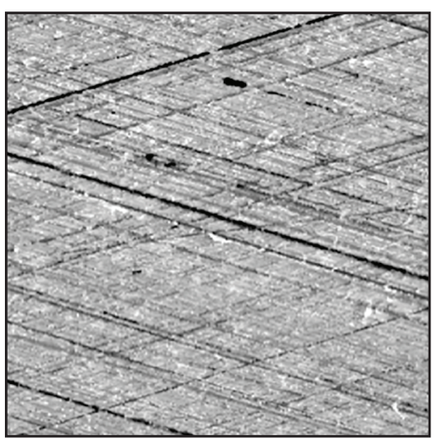
Profundidad de rugosidad del núcleo (Rk)
La superficie de rodadura a largo plazo, que influirá en el rendimiento y la vida útil del cilindro.

Reducimiento de la profundidad (Rvk)
La capacidad de retención de aceite de los canales profundos, que han sido mecanizados a la superficie.

RECOMENDACIONES DE LA INDUSTRIA

Consideraciones generales:
Buen rendimiento y duración
Rpk: 8-12 micropulgadas (<12 óptimo)
Rk: 25-35 micropulgadas (25 óptimo)
Rvk: 40-50 micropulgadas (40 óptimo)
Ra: 15-20 micropulgadas y 12-23 aceptable

Pro-Stock y NASCAR:
Un acabado mucho más fino, menos duración, pero menos fricción
Rpk: 3-5 micropulgadas
Rk: 12-18 micropulgadas
Rvk: 20-25 micropulgadas



RETENCIÓN DE ACEITE Y ÁNGULO DE ESTRÍAS CRUZADAS

Retención de aceite (valles en la superficie del orificio)

• Rvk tiene una correlación muy fuerte con el consumo de aceite.

• Un Rvk excesivo conduce a un alto consumo de aceite y a una rotación excesiva de los anillos.

• Un Rvk insuficiente puede ocasionar el desgaste excesivo de los anillos y los cilindros.

Ángulo de escotilla cruzada

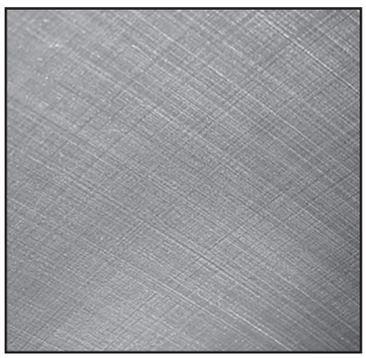
• Instalación típica al automóvil: 45° entre sí (o 22°-32° respecto a la superficie de la cubierta horizontal).

• El ángulo de escotilla cruzada debe ser el mismo en todo el cilindro y no debe variar en los extremos.

• Rendimiento de los anillos de tensión baja: 20°-30°.

• Nikasil® - Cilindros térmicos - Cilindros Hipereutécticos: 10°-15 °.

Fuente: ángulo de escotilla cruzada, datos proporcionados por Sunnen Products Company.



BRUÑIDO (CONSIDERACIONES GENERALES)

Prácticas estándar de bruñido
Eliminación de material

• ..0030” con arenilla de piedra 80-100
  - Eliminación masiva de material; produce valles profundos.

• ..0015” con arenilla de piedra 280-320
  - Prepara la rugosidad del núcleo; regula la profundidad de los valles.

• ..0005” con arenilla de piedra 400-600
  - Prepara los atributos de las mesetas.

Acabado

• Cepillo de fibras nailon con arenilla abrasiva 320

O

• Arenilla de piedra con corcho granulado 800
  - Elimina los defectos de la superficie ocasionados por el bruñido.

BRUÑIDO (MOTORES DE CARRERAS)

Prácticas estándar de bruñido
Eliminación de material

• EHU412 arenilla de piedra 150
  - Eliminación masiva de material; produce valles profundos

• ..0020” con arenilla de piedra JHU623 280
  - Prepara la rugosidad del núcleo; regula la profundidad de los valles

• ..0003” con arenilla de piedra C30J95 500
  - Se deben cortar estas piedras para que tengan 2,750” de largo
  - Prepara los atributos de las mesetas

Rpk: <10 micropulgadas
Rvk: 18-25 micropulgadas

ACABADO DE LOS CILINDROS

ERRORES COMUNES EN LOS ACABADOS

Ranuras cruzadas de forma irregular
Causas: variación de los índices de reciprocidad, degradación de las piedras con carga y descomposiciones alternadas, piedra demasiado dura o arenilla demasiado gruesa.

Efecto: pobre distribución o rendimiento de aceite, rodaje errático.

Surcos de escotilla cruzados anchos y profundos
Causas: arenilla de piedra demasiado gruesa, excesiva presión de piedra, pobre descomposición de piedra, lubricante insuficiente.

Efecto: desgaste anormal, consumo excesivo de aceite, período de rodaje pobre y variable.

Corte unidireccional
Causas: uso excesivo de los componentes de afilado.

Efecto: desgaste rápido, pobre asentamiento, rotación excesiva de los anillos, reducción del control de aceite.

Ángulo de escotilla cruzada
Causas: baja velocidad de alternancia en comparación con las RPM utilizadas.

Efectos: desgaste excesivo ocasionado por fuerzas de alto impacto, mala distribución del aceite, ralentización en el rodaje de los anillos.

Ranura de escotilla cruzada plegada y fragmentada
Causas: arenilla de piedra demasiado gruesa o grado demasiado blando, lubricante insuficiente.

Efecto: rascado, desgaste elevado, elevación de las temperaturas del anillo, consumo de aceite alto y errático.

Demasiadas mesetas
Causas: arenilla de piedra demasiado gruesa, eliminación de material por corte insuficiente.

Efecto: desgaste excesivo de los anillos, altas temperaturas.

Meseta barnizada
Causas: presión de piedra excesiva, piedras pesadas (grado demasiado duro), lubricante insuficiente.

Efecto: disminuye el asentamiento y aumenta el consumo de aceite.

Vacíos excesivos en la pared del cilindro
Causas: presión de piedra excesiva, piedras pesadas (grado demasiado duro), lubricante insuficiente.

Efecto: aumenta el consumo de aceite, desgaste rápido, reduce la uniformidad de motor a motor.

REVISIÓN DE LOS ESPACIOS ENTRE LOS ANILLOS DE COMPRESIÓN

DISTANCIA RECOMENDADA ENTRE LOS ANILLOS DE COMPRESIÓN

CYLINDER DIAMETER IN MILLIMETERS	RING GAP TOLERANCE IN MILLIMETERS
25.4 to 60.00496	0.1524 to 0.3556
60.0075 to 74.99096	0.2032 to 0.4064
74.9935 to 89.97696	0.254 to 0.508
89.9795 to 109.9795	0.3048 to 0.5588
109.982 to 129.982	0.3556 to 0.6604
129.9845 to 149.9845	0.4064 to 0.762
149.987 to 175.0035	0.508 to 0.889
175.006 to 228.5975	0.6096 to 1.0414

CYLINDER DIAMETER IN INCHES	RING GAP TOLERANCE IN INCHES
1.0000 to 2.3624	.006 to .014
2.3625 to 2.9524	.008 to .016
2.9525 to 3.5424	.010 to .020
3.5425 to 4.3299	.012 to .022
4.3300 to 5.1174	.014 to .026
4.3300 to 5.1174	.016 to .030
5.9050 to 6.8899	.020 to .035
6.8900 to 8.9999	.024 to .041

Un hecho importante a recordar es que los fabricantes respetan de forma muy estricta estas tolerancias y que las separaciones entre los anillos se inspeccionan en calibres precisos .0001” en el diámetro del cilindro para el que se fabrica el anillo. Cualquier aumento en el diámetro del cilindro en el que se utilice el anillo sobre el tamaño señalado resulta en un aumento de aproximadamente .003” en el espacio del anillo por cada .001” en el diámetro del cilindro.



حلقات مكبس HASTINGS.
مصنوعة للعالم.

منذ عام 1915، كانت شركة Hastings Manufacturing Company قوة عالمية في تصميم وصناعة حلقات المكبس. ومع خط شامل من حلقات المكبس المتاحة اليوم، تصنع Hastings حلقات المكبس لكل نوع من أنواع المحركات - السيارات والشاحنات والدراجات النارية وآلات المروج والحدائق، والضواغط، والسفن البحرية، والآلات الزراعية، وسباقات الأداء. في تقديم الخدمة لمصنعي المعدات الأصلية في جميع أنحاء العالم، تصمم Hastings وتنتج حلقات المكبس لجميع العلامات التجارية الموثوقة والمعروفة في جميع أنحاء العالم.

في Hastings، لا نصنع سوى حلقات المكابس فقط - ولأسباب جيدة. نحن نؤمن أن تصنيع أفضل منتج يحتاج للتركيز المفرد والمستمر يجعلنا ذلك نركز على أفضل ما نقوم به:
منح الثقة الفائقة للعملاء في جميع أنحاء العالم. تقدم Hastings ما يرغب العالم
في الحصول عليه بشأن حلقات المكبس: الدقة والأداء والثقة، بغض النظر عن الاستخدام أو المحرك.
فإذا كان متواجدًا محرك احتراق داخلي، فإنه سيعمل بطريقة الإضل مع حلقات مكبس Hastings.

بادئات حلقات الكبّاس

جوانب مهمة من إعادة بناء المحرك

- افتقار المحرك للنظافة
- تشطيل خشن/رديء لمدخل التجويف
- خشونة في الجانب السفلي من التجويف
- لمسة نهائية رديئة لتجويف الأسطوانة
- اتخاذ مسار حلزوني يدوي للحلقات على المكبس
- انتشار مكثف للحلقات يدويًا على المكبس
- عدم استخدام/استخدام غير صحيح لضاغط الحلقة
- تلف المكبس – الخدوش، تلف الحز

العديد من الأشياء ليست خطأ من يقوم بإعادة البناء

- أجهزة الكمبيوتر (معايرة سيئة)
- المستشعرات (مستشعر سيء)
- صمام < 24 (عوادم كثيرة)
- مشعب السحب (الأتربة والتسريب وحرارة التشغيل)

أشياء تتذكرها أثناء تركيب الحلقة

- أدخل الحلقات مباشرة في التجويف وقس فجوة الطرف باستخدام مقياس تحسسي
- اضبط الفجوة إذا لزم الأمر بملء كلا جانبي الفجوة بالتساوي
- استخدم أداة موسع الحلقة لتركيب الحلقات على المكبس، وذلك لكيلا تتشوه الحلقة - لا تتخذ طريقًا لولبيًا على الحلقات
- ثم بتثبيت حلقات الاتجاه بحيث تكون النقطة لأعلى (وإلا فقد يتم ضخ الزيت)
- قم بتركيب حلقة زيت% قطع "!$ مم بحيث تكون نقاط أداة الموسع لأعلى لتفادي السقوط في فتحة/منفذ التصريف في الجانب السفلي من حز الزيت
- يبتعد موقع التمايل للفجوات الطرفية عند كل حلقة بمقدار "#* درجة
- نظّف التجويفات باستخدام ماء ساخن وصابون وفرشاة فرك؛ امسح باستخدام خرقة بيضاء نظيفة للتحقق من عدم وجود أي بقة
- قم بتزييت جدران الأسطوانة والحلقات بقدر ضئيل من زيت المحرك العادي غير الصناعي
- أحكم ربط ضاغط الحلقة بحيث لا تلتصق الحلقات بحافة الأسطوانة أو تنبثق في التجويف
(لا تضغط بقوة على المكبس إذا كان عالقًا)
- التشغيل الأولي النموذجي للمحرك: استخدم زيت محرك تقليدي - غيّر الزيت بعد أول% آلاف ميل
$& كيلومتر. لا تستخدم سوى زيت محرك أصلي إذا كان ذلك محددًا من قِبل الجهة الصناعية

أداة تركيب حلقات الكبّاس



تتميّز أداة تركيب الحلقات العملية هذه بأنها زهيدة الثمن وسهلة الاستخدام. كل ما عليك فعله هو إدخال أطراف الحلقة في فكوك الأسفين، وقم بتوسيع الحلقة بلطف، وقم بزلقها داخل الحز مثالي أيضًا لإزالة الحلقات بسهولة، دون أضرار

حلقات الضغط من الحديد المصبوبĀ
بدون بادئة..... حلقات من الحديد المصبوب أو زيت الكروĀ
البادئة $ 0 حلقات الضغط العلوية من الكروĀ
حلقات من زيت الكروĀ
بادئة $:..... حلقات الضغط العلوية من المولیĀ
حلقات من زيت الكروĀ
بادئة $ 1..... له العديد من مختلف أنواع الطلاء لجانب مقدمة الحلقةĀ
والمواد الملائمةĀ
لتصميمات محركات الديزل الحديثةĀ
$;..... يحتوي على مكونات نتريĀ
(حلقات علوية أو% قطع من الحلقات الزيتيةĀ
;?..... نتريد من الفولاذ المقاوم للصدĀ
(حلقات علوية أو% قطع من الحلقات الزيتيةĀ

الرموز واختصارات الموا Ā

> 0=..... زيت # قطعĀ
$ > 0=..... زيت $ قطعĀ
3B..... فتحة مرنة% قطĀ
3/..... سطح الأنبوبĀ
00..... كروم سيراميكĀ
0> ..... كروĀ
05>..... قضيب كروĀ
06..... حديد كربيĀ
03 ..... كونفورماتيكĀ
@?803Ā8..... أساس كونفورماتيكĀ
16..... حديد قابلٌ للسحْبĀ
@?838..... أساس كاملĀ
46..... حديد رماديĀ
0=..... مطلي بالفوسفاتĀ
:=..... مولي بلازمĀ
@ B>..... التواء معكوسĀ
@B>Ā/3.....سطح أنبوب بالتواء معكوسĀ
=<0?..... مكشطĀ
@3=<0?..... وجه مستدق الطرف للمكشطĀ
??..... فولاذ مقاوم للصدĀ
?..... فولاĀ
;?..... نيتريد من الفولاĀ
@?..... سطح مستقيĀ
@3..... وجه مستدق الطرفĀ
@3..... نابيير ذو وجه مستدق الطرفĀ
@3;Ā06.....حديد كربيد لنابيير ذو وجه مستدق الطرفĀ
@..... التواĀ
@/3..... سطح الأنبوب ملتوĀ
@@3..... وجه مستدق الطرف ملتوĀ
% <0..... كروم ثلاثيĀ

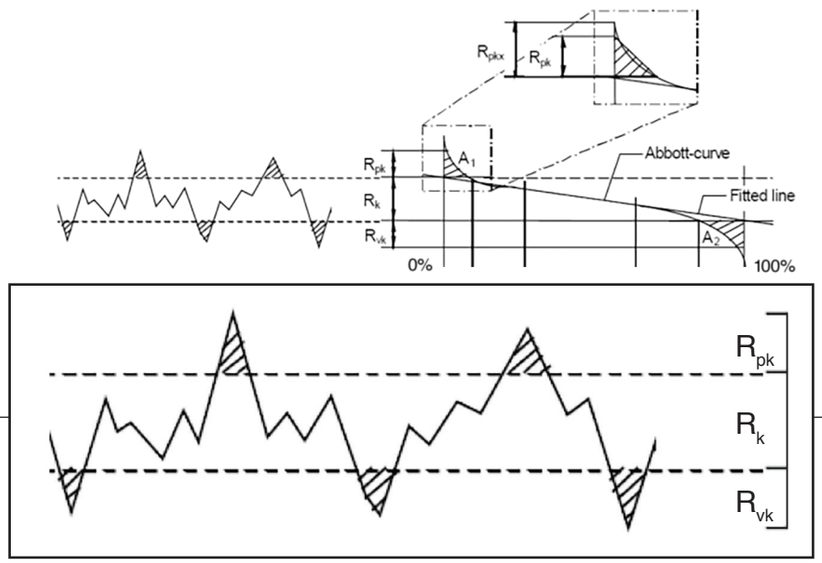
اللمسة النهائية للتجويف

حل Ml> و l> و Rl> محل D> باعتبارها خطوط الأساس الأكثر أهمية بالنسبة لقياس اللمسة النهائية للتجويف.
كما أنها تمثل الكثير من الوصف المحدد لسطح اللمسة النهائية للتجويف الفعلي.

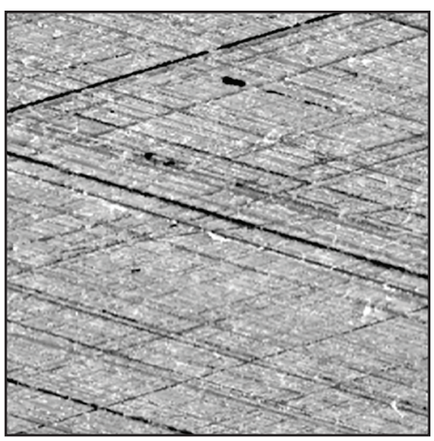
منحنى معدل الاحتمال **(النسبة المئوية لتلامس المواد بين جدار الاسطوانة والحلقة)**

Definition of Roughness Characteristics by DIN EN ISO 13 565 (1998.04)

A_1	Peak material volume
A_2	Area valley ratio
R_k	Core roughness depth
R_{pk}	Reduced peak height
R_{vk}	Reduced valley depth
M_{r1}	Peak material ratio
M_{r2}	Valley material ratio



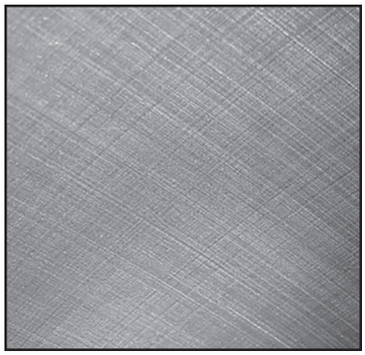
ارتفاع الذروة المنخفض (Ml>
الجزء العلوي من السطح الذي سيتآكل سريعًا عند بدء تشغيل المحرك.
عمق خشونة القلب (l>
سطح التشغيل طويل الأمد، الذي سيؤثر في الأداء وفترة التشغيل للأسطوانة.
عمق الوادي المنخفض (Rl>
قدرة الاحتفاظ بالزيت للأحواض العميقة، التي تم تشغيلها على السطح.



توصيات الصناعة

طلبات عامة
أداء جيد مع فترة تشغيل ملائمة
Ml,* #$ ميكرو بوصة (<#$ المثالي
l,$' %' ميكرو بوصة ($' المثالي
Rl,&" '" ميكرو بوصة (&" المثالي
D,&" '" ميكرو بوصة ومسموح بـ $#%$
<.0?LEIÀÀ;.?NL=
لمسة نهائية أكثر نعومة، فترة تشغيل أقل
ولكن أقل احتكاكًا
Ml,% ' ميكرو بوصة
l,#$ #* ميكرو بوصة
Rl,$" $' ميكرو بوصة

الاحتفاظ بالزيت وزاوية الخطوط المتقاطعة



الاحتفاظ بالزيت (أودية في سطح التجويف)

- **يتميز / 9) بوجود معامل قوي للغاية بالنسبة لاستهلاك الزيت**
- يؤدي Rl> الشديد إلى استهلاك شديد للزيت ودوران شديد للحلقة
- يمكن أن يؤدي Rl> غير الكافي إلى تآكل شديد للحلقة والتجويف
- زاوية المقطع العرضي
- **تطبيق نموذجي في السيارات: $#° لكل منها (أو !!- !"°- إلى**
- **السطح الأفقي**
- **يجب أن تكون زاوية المقطع العرضي نفسها خلال طول**
- الأسطوانة وألا تتسطح عند أي طرف
- **أداء الدوران لحلقات الشد المنخفض: °!- "**
- 0 .6*/.&® - الرش الحراري للتجويفات - تجويفات المادة المنصهرة: ° $ -

المصدر: بيانات زاوية الخطوط المتقاطعة بواسطة شركة :2*314%67+'35,8-2-822

الشحذ (محركات السباقات)

ممارسات الشحذ القياسية
إزالة المخزون
- "#$ 25A&#$ حجر الحصباء
– إزالة المخزون الكلي
ينتج عنه أودية عميقة
- "$""" مع "*$%$A(57 من حصباء الحجر
– تحضير خشونة القلب
ينظم عمق الأودية
- %""""" مع "" '+7"% 0 من حصباء الحجر
– تحتاج تلك الأحجار إلى القطع
حتى طول "")$!
– تحضير سمات الهضبة

Rpk: < 10 ميكرو بوصة
Rvk: 18-25 ميكرو بوصة

الشحذ (طلبات عامة)

ممارسات الشحذ القياسية
إزالة المخزون
- "%""" مع "*- " "# من حصباء الحجر
– إزالة المخزون الكلي
ينتج عنه أودية عميقة
- #""" مع "*$- $% من حصباء الحجر
– تحضير خشونة القلب
ينظم عمق الأودية
- """" مع ""&- " ") من حصباء الحجر

تابع اللمسة النهائية للتجويف

العيوب الشائعة من اللمسة النهائية الجيدة للتجويف

تباعد غير منتظم لحزوز المقطع العرضي

الأسباب: تباين معدلات التبادل، وهبوط في الأحجار مع تحميل وهبوط بديل

درجة الحجر صعبة للغاية و/أو الحصباء خشنة للغاية

التأثير: توزيع رديء للزيت، وعدم انتظام التشغيل، واقتصاد رديء في استهلاك الزيت

حزوز المقطع العرضي العميقة والواسعة

الأسباب: حصباء الحجر خشنة للغاية، ضغط متزايد على الحجر، وتدهور رديء للحجر، ومادة تشحيم غير كافية

التأثير: التسبب في التآكل غير الطبيعي، واستهلاك الزيت الكثير وفترة بدء تشغيل رديئة ومتغيرة

قطع اتجاه واحد

الأسباب: اللعب الكثير في مكونات الشحذ

التأثير التسبب في التآكل السريع، والتركيز الرديء، والدوران الكبير للحلقة، وخفض التحكم في الزيت

زاوية مقطع عرضي منخفضة

الأسباب: معدل تبادل منخفض مقارنة بمعدل عدد اللفات في الدقيقة المستخدمة

التأثيرات: قوى عالية التأثير تتسبب في تآكل شديد، وتوزيع رديء للزيت، وبطء في التشغيل الأولي للحلقات

يتم طيّ وتجزئة حز الخطوط المتقاطعة

الأسباب: حصباء الحجر خشنة للغاية و/أو ناعمة للغاية، مواد التشحيم غير كافية

التأثير: يتسبب في الخدش والتآكل الكبير ورفع درجات حرارة الحلقات واستهلاك قدرٍ كبير ومتغير من الزيت

هضبة صغيرة جدًا

الأسباب: تآكل شديد لحصباء الحجر، وإزالة غير كافية للمخزون في كل قطع

التأثير تآكل شديد للحلقة وارتفاع درجات الحرارة

هضبة مزججة

الأسباب: ضغط كثيف على الأحجار، وأحجار محملة (بدرجة صعبة للغاية)، ومادة تشحيم غير كافية

التأثير تبطيء التركيز وزيادة في استهلاك الزيت

الفراغات الكبيرة في جدار الأسطوانة

الأسباب: ضغط كثيف على الأحجار، وأحجار محملة (بدرجة صعبة للغاية)، ومادة تشحيم غير كافية

التأثير زيادة استهلاك الزيت، سرعة التآكل، تقليل التوحيد من محرك إلى محرك

الخلوص الموصى به لفجوات حلقة الضغط للسيارات

حقيقة مهمة يلزم تذكر أنه يجب الالتزام التام بتلك التفاوتات من قِبل الجهات المصنعة
وأن تخضع فجوات الحلقات في مقاييس دقيقة لـ . """" عند قطر الأسطوانة التي يتم تصنيعها للحلقة. تؤدي أي زيادة في قطر الأسطوانة للحلقة المستخدمة، وذلك فيما يتجاوز الحجم المخصص، إلى زيادة قدرها . """" تقريبًا في فجوة الحلقة بالنسبة لكل زيادة مقدارها . """" في قطر الأسطوانة

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4.3300 to 5.1174	.016 to .030
5.9050 to 6.8899	.020 to .035
6.8900 to 8.9999	.024 to .041



SEGMENTS DE PISTONS DE HASTINGS
FAITS POUR LE MONDE

Depuis 1915, l'entreprise Hastings Manufacturing a été un leader mondial dans la conception et fabrication de segments de piston. Avec la gamme la plus complète de segments de piston disponibles aujourd'hui, Hastings des segments de piston pour pratiquement tout type de moteur, les voitures, les camions, les motos, les pelouses et les jardins, les compresseurs, la marine, l'agriculture et les compétitions de course. Au service des fabricants de pièce de rechange d'origine du monde, Hastings conçoit et fabrique des segments de pistons pour les marques les plus reconnues et les fiables du monde.

Chez Hastings, nous fabriquons uniquement des segments de piston, et pour une bonne raison. Nous croyons que la fabrication du meilleur produit nécessite une concentration unique et constante. Cela nous permet de rester concentré sur ce que nous faisons de mieux: offrir la plus grande confiance pour les clients du monde. Hastings fournit ce que le monde veut dans les segments de piston : la précision, la performance, et la confiance, peu importe le moteur ou l'application. Si cela a un moteur à combustion interne, ça va fonctionner mieux et plus longtemps avec les segments de piston de Hastings.

ASPECTS IMPORTANTS DE LA RECONSTRUCTION DE MOTEUR

- Manque de propreté du moteur
- Les chanfreins de l'entrée d'alésage sont durs/imparfaits
- Bavure en bas de l'alésage
- Fini d'alésage de cylindre de mauvaise qualité
- Segments en spirale montés manuellement sur le piston
- Excès de segments montés manuellement sur le piston
- Non utilisation/mauvaise utilisation de compresseur de segments
- Endommagement du piston – endommagement des dents, des rainures

PLUSIEURS CHOSES NE SONT PAS DUES À DES ERREURS DES RECONSTRUCTEURS

- Ordinateurs (mauvaise calibration)
- Capteurs (mauvais capteur)
- Soupape EGR (trop d'échappement)
- Tubulure d'admission (débris, fuite, chauffe)

CHOSES À NE PAS OUBLIER LORS DE L'INSTALLATION DES SEGMENTS

- Insérez carrément les segments dans l'alésage et mesurez les ouvertures à l'aide d'une jauge d'épaisseur
- Ajustez l'ouverture en remplissant les deux côtés de l'ouverture de manière équitable
- Utilisez un outil d'élargissement afin d'installer les segments sur le piston, alors pour ne pas déformer le segment, ne montez pas les segments en spirale
- Installez les segments directionnels avec le point en haut (sinon un pompage d'huile peut se produire)
- Installez un segment racleur de 2.0 mm à 3 pieces avec les points de l'élargisseur vers le haut pour éviter d'avoir le trou de vidange au bas de la rainure d'huile.
- Écartez les ouvertures sur chaque segment de 180 degrés.
- Nettoyez les alésages avec de l'eau savonneuse chaude et une brosse, et essuyez avec un chiffon blanc et propre pour enlever tout résidu.
- Huilez légèrement les parois du cylindre et les segments avec une huile de moteur régulière non synthétique
- Serrez adéquatement le compresseur des segments, pour que les segments ne se coincent pas au bout du cylindre ni sortent vers l'alésage (Ne forcez pas le piston s'il est suspendu)
- Rodage du moteur : utilisez une huile de moteur conventionnelle — changez l'huile après les premières 4 828 kilomètres. Utilisez uniquement l'huile de moteur synthétique, si cela est spécifié par la fabricant

OUTIL D'INSTALLATION DE SEGMENTS DE PISTONS

Cet outil d'installation de segments n'est pas cher et est facile à utiliser.
Insérez juste les bouts des segments dans la mâchoire à encoche.
écartez le segment légèrement, et placez-le dans la rainure.
Utile aussi pour démonter les segments facilement et sans dégâts.



PRÉFIXES DES SEGMENTS DE PISTONS

Sans Préfixe... Segments de compression en fonte moulée
Segments racleurs en chrome ou en fonte

Préfixe 2C..... Segments de compression supérieurs en chrome
Segments racleurs en chrome

Préfixe 2M..... Segments de compression supérieurs Moly
Segments racleurs en chrome

Préfixe 2D ..... Ont différents revêtements de face de segments et des matériaux adaptés pour des conceptions de moteurs diesel modernes

2N..... Contient des composants de nitrure (segments supérieurs ou segments racleurs à 3 pièces)

CODES ET ABRÉVIATION DE MATÉRIAUX

1PCO ..... HUILE 1 PIÈCE

2PCO ..... HUILE 2 PIÈCES

FV..... PURGEUR D'AIR 3 PIÈCES

BF..... EMBASE DE CYLINDRE

CC ..... CHROME CÉRAMIQUE

CR ..... CHROME

CHR..... RAIL EN CHROME

CI..... FER EN CARBURE

CF..... CONFORMATIC

CF KST..... CONFORMATIC KEYSTONE

DI..... FONTE DUCTILE

FKST ..... KEYSTONE COMPLET

GI..... FONTE GRISE

GL..... VERROUILLAGE À RAINURE

HKST..... KEYSTONE À MOITIÉ

DI..... TRACTION ÉLEVÉE

KYS..... KEYSTONE

N..... NAPIER

GN..... À NITRURE

PVD GN ..... NITRURE PVD

PC ..... REVÊTU EN PHOSPHATE

PM..... PLASMA MOLLY

RVT ..... TORSION ALTERNÉE

RVT BF..... TORSION ALTERNÉE EMBASE DE CYLINDRE

SCRP ..... RACLEUR

SCRP TF..... RACLEUR FACE CONIQUE

SS..... ACIER INOXYDABLE

S ..... ACIER

SN ..... NITRURE D'ACIER

ST..... FACE DROITE

TF ..... FACE CONIQUE

TFN ..... NAPIER FACE CONIQUE

TFN CI..... NAPIER FACE CONIQUE FER EN CARBURE

T ..... TORSION

TBF..... EMBASE DE CYLINDRE À TORSION

TTF..... FACE CONIQUE À TORSION

3CR ..... CHROME TRIPLE

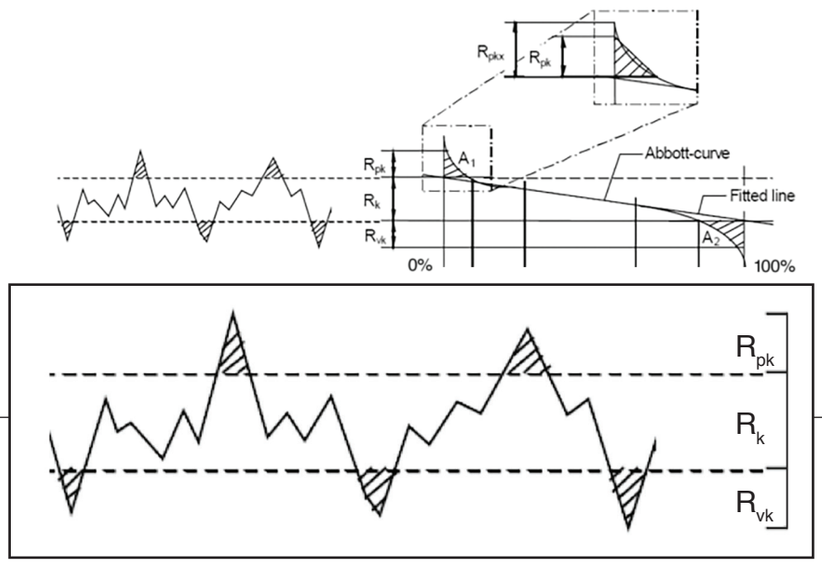
FINI D'ALÉSAGE

Rpk, Rk, et Rvk ont remplacé Ra comme la base de mesure la plus importante pour le fini d'alésage. Ils présentent une description plus définie de la surface réelle du fini d'alésage.

Courbe de l'indice portant (pourcentage du contact matériel entre la paroi du cylindre et le segment)

Definition of Roughness Characteristics by DIN EN ISO 13 565 (1998.04)

A_1	Peak material volume
A_2	Area valley ratio
R_k	Core roughness depth
R_{pk}	Reduced peak height
R_{vk}	Reduced valley depth
M_{r1}	Peak material ratio
M_{r2}	Valley material ratio



Reduced Peak Height (Rpk) (Hauteur de pointe réduite)
La portion supérieure de la surface qui s'usera rapidement lorsque le moteur commencera à fonctionner

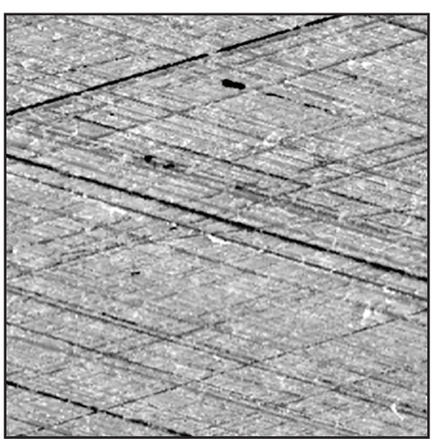
Core Roughness Depth (Rk) (Profondeur de rugosité)
La surface de fonctionnement à long terme qui influencera la performance et la durée de vie du cylindre

Reduced Valley Depth (Rvk) (Profondeur de creux réduite)
La capacité de rétention d'huile des creux profonds qui ont été usinés sur la surface.

RECOMMANDATIONS DE L'INDUSTRIE

Applications générales :
Bonne performance et durée de vie adéquate
Rpk : 8-12 micro-pouces (<12 optimal)
Rk : 25-35 micro-pouces (<25 optimal)
Rvk : 40-50 micro-pouces (<40 optimal)
Ra : 15-20 micro-pouces et 12-23 micro-pouces

Pro-Stock et NASCAR autorisés :
Un fini plus lisse, durée de vie réduite, mais moins de friction
Rpk : 3-5 micro-pouces
Rk : 12-18 micro-pouces
Rvk : 20-25 micro-pouces



RÉTENTION D'HUILE ET ANGLE DE QUADRILLAGE

Rétention d'huile (creux dans la surface d'alésage)

• Rvk a une très forte corrélation avec la consommation d'huile

• Une Rvk excessive cause une forte consommation d'huile et une rotation excessive du segment

• Une Rvk insuffisante peut causer une usure excessive du segment et de l'alésage.

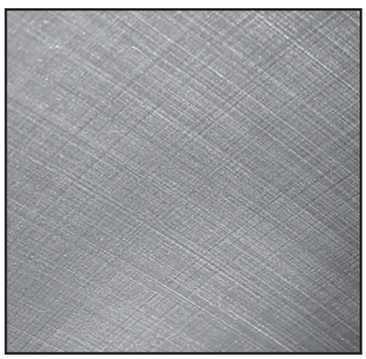
Angle de quadrillage

• Application auto typique : 45° l'un par rapport à l'autre (ou 22°-32° par rapport à la surface horizontale)

• L'angle de quadrillage doit être le même sur toute la longueur du cylindre et non pas aplatie à un bout ou à l'autre

• Segments de faible tension de course et de performance : 20°- 30°

• Nikasil® – Alésages à pulvérisation thermique – Alésages hypereuctique : 10°-15°



Source : Données de l'angle de quadrillage fournies par l'entreprise Sunnen Products

AIGUISAGE (APPLICATIONS GÉNÉRALES)

Pratiques standards de pierrage
Retrait de stock

• .0030" avec 80-100 grès
  – Retrait de stock en gros; produit des creux profonds

• .0015" avec 280-320 grès
  – Prépare une rugosité de base; règle la profondeur du creux

• .0005" avec 400-600 grès
  – Prépare les attributs du plateau

Fini

• Une brosse en nylon remplie par 320 grès abrasifs
OU
• Pierre à liant de liège de 800 grès
  – Enlève les défauts de surface laissés par l'aiguisage

RODAGE (MOTEURS DE COURSE)

Pratiques standards de pierrage
Retrait de stock

• EHU412 pierre à 150 grès
  – Retrait de stock en gros; produit des creux profonds

• .0020" avec JHU623 pierre à 280 grès
  – Prépare une rugosité de base; règle la profondeur du creux

• .0003" avec C30J95 pierre à 500 grès
  – Ces pierres doivent être coupées à une longueur de 2,750"
  – Prépare les attributs du plateau

Rpk : < 10 micro-pouce
Rvk : 18-25 micro-pouces

CONTENU DE FINI D'ALÉSAGE

DÉVIATIONS FRÉQUENTES PAR RAPPORT UN BON FINI D'ALÉSAGE

Cross hatch grooves irregularly spaced
Causes: Varying reciprocation rates, poor stone breakdown with alternate loading and breakdown, stone grade too hard and/or grit too coarse

Effect: Poor oil distribution, erratic break-in, poor oil economy

Wide, deep cross hatch grooves
Causes: Stone grit too coarse, excessive stone pressure, poor stone break-down, insufficient lubricant

Effect: Causes abnormal wear, excessive oil consumption, poor and variable break-in period

One directional cut
Causes: Excessive play in hone components

Effect: Causes rapid wear, poor seating, excessive ring rotation, lowers oil control

Low cross hatch angle
Causes: Low reciprocation rate compared to RPM used

Effects: High impact forces causing excessive wear, poor oil distribution, slower break-in of rings

Cross hatch groove folded and fragmented
Causes: Stone grit too coarse and/or grade too soft, insufficient lubricant

Effect: Causes scratching, high wear, raises ring temperatures, high and erratic oil consumption

Too little plateau
Causes: Stone grit too coarse, insufficient stock removal per cut

Effect: Excessive ring wear, high temperatures

Glazed plateau
Causes: Excessive stone pressures, loaded stones (too hard a grade), insufficient lubricant

Effect: Slows down seating-in and increases oil consumption

Excessive voids in cylinder wall
Causes: Excessive stone pressures, loaded stones (too hard a grade), insufficient lubricant

Effect: Increases oil consumption, rapid wear, reduces uniformity from engine to engine

VÉRIFIER LES OUVERTURES DES SEGEMENTS DE COMPRESSION

JEUX D'OUVERTURE DE SEGMENTS DE COMPRESSION AUTOMOBILE RECOMMANDÉS

CYLINDER DIAMETER IN MILLIMETERS	RING GAP TOLERANCE IN MILLIMETERS
25.4 to 60.00496	0.1524 to 0.3556
60.0075 to 74.99096	0.2032 to 0.4064
74.9935 to 89.97696	0.254 to 0.508
89.9795 to 109.9795	0.3048 to 0.5588
109.982 to 129.982	0.3556 to 0.6604
129.9845 to 149.9845	0.4064 to 0.762
149.987 to 175.0035	0.508 to 0.889
175.006 to 228.5975	0.6096 to 1.0414

CYLINDER DIAMETER IN INCHES	RING GAP TOLERANCE IN INCHES
1.0000 to 2.3624	.006 to .014
2.3625 to 2.9524	.008 to .016
2.9525 to 3.5424	.010 to .020
3.5425 to 4.3299	.012 to .022
4.3300 to 5.1174	.014 to .026
4.3300 to 5.1174	.016 to .030
5.9050 to 6.8899	.020 to .035
6.8900 to 8.9999	.024 to .041

Un important fait est de ne pas oublier que ces tolérances sont strictement respectés par les fabricants et que les ouvertures de segments sont inspectées par des jauges dont la précision est autour de 0001" pour le diamètre du cylindre auquel le segment a été fabriqué. Toute augmentation du diamètre du cylindre dans lequel le segment est utilisé, plus que la dimension mentionnée, cause une augmentation d'environ .003" dans l'ouverture pour chaque augmentation de.001" dans le diamètre de cylindre.



ПОРШНЕВЫЕ КОЛЬЦА HASTINGS. СДЕЛАНО ДЛЯ ВСЕГО МИРА.

Начиная с 1915 года компания Hastings Manufacturing является конструктором и производителем поршневых колец мирового масштаба. Имея на данный момент наиболее развитый сортамент производимых поршневых колец, компания Hastings производит поршневые кольца для практически любых типов двигателей — легковых, грузовых, мотоциклетных, компрессорных, морских, сельскохозяйственных и гоночных. Работая с производителями по всему миру, компания Hastings проектирует и изготавливает поршневые кольца для наиболее известных и признанных мировых торговых марок.

Компания Hastings производит только поршневые кольца — и на то есть причина. Мы считаем, что производство наилучшей продукции требует постоянной и направленной концентрации на одном виде изделий. Это помогает нам направить все усилия на то, чтобы добиться полной уверенности клиентов по всему миру в нашей продукции Hastings дает миру то, чего тот хочет от качественных поршневых колец: точность, эффективность и уверенность в надежности, вне зависимости от типа двигателя или сферы его использования. Если машина имеет двигатель внутреннего сгорания, она будет работать эффективнее и дольше с поршневыми кольцами от Hastings.

ВАЖНЫЕ АСПЕКТЫ ПРОЦЕССА ВОССТАНОВЛЕНИЯ ДВИГАТЕЛЕЙ

- Неудовлетворительная очистка двигателя
- Грубая/неровная поверхность фаски на входе в отверстие
- Заусенец на дне цилиндра
- Грубая поверхность цилиндра
- Натягивание колец на поршень вручную
- Приложение чрезмерных усилий при натягивании колец на поршень
- Некорректное использование приспособления для насаживания колец
- Повреждение поршня — вмятины, деформация канавок

МНОЖЕСТВО НЕИСПРАВНОСТЕЙ СЛУЧАЕТСЯ НЕ ПО ВИНЕ МАСТЕРА, ПРОВОДЯЩЕГО ВОССТАНОВЛЕНИЕ

- Компьютеры (плохая калибровка)
- Датчики (неисправный датчик)
- Клапан EGR (слишком большой выхлоп)
- Впускной коллектор (посторонние предметы, течи, перегрев)

ЧТО НЕОБХОДИМО ПОМНИТЬ ПРИ УСТАНОВКЕ ПОРШНЕВЫХ КОЛЕЦ

- Кольца необходимо вставлять перпендикулярно оси отверстия, измеряя зазор щупом
- Отрегулировать зазор можно путем равномерного подпиливания напильником обоих концов кольца
- Для установки кольца на поршень необходимо использовать специальный расширитель, позволяющий избежать деформации кольца — натягивать кольца по спирали не допускается
- Кольца, имеющие направление, устанавливать следует отметкой-точкой вверх (в противном случае возможно подкачивание масла)
- Чтобы избежать попадания расширителя 3-составного маслосъемного кольца 2 мм в антидренажное отверстие/канавку на дне смазочной канавки необходимо устанавливать его расширителем вверх
- Замки колец необходимо развести на 180 градусов относительно замков в соседних кольцах
- Очистку отверстия производить теплым мыльным раствором и жесткой щеткой; затем протереть чистой белой ветошью, чтобы проверить отсутствие остаточного загрязнения
- Слегка смазать стенки цилиндра универсальным не синтетическим моторным маслом
- Хорошо затянуть приспособление для сжатия колец, чтобы кольца не цеплялись за края цилиндра и не выскакивали из канавок (запрещается с силой вдавливать цилиндр, если он застрял)
- Стандартная процедура приработки двигателя: использовать универсальное моторное масло — заменить масло после первых 3 000 миль/ 4 828 километров пробега. Использовать только синтетическое моторное масло, если это необходимо согласно инструкциям производителя

ПРИСПОСОБЛЕНИЕ ДЛЯ УСТАНОВКИ ПОРШНЕВЫХ КОЛЕЦ

Этот удобный инструмент недорог и удобен в использовании. Нужно просто вставить кольцо в клиновидные губки, плавно расширить его и вставить в канавку.
Также с его помощью можно легко удалить кольцо, не повреждая его.

ПРИСТАВКИ К НАИМЕНОВАНИЯМ ПОРШНЕВЫХ КОЛЕЦ

Нет приставки	Чугунные компрессионные кольца Чугунные или хромистые маслосъемные кольца
Приставка 2C	Хромированные компрессионные кольца Маслосъемные кольца из хромистой стали
Приставка 2M	Компрессионные кольца с молибденовым покрытием Маслосъемные кольца из хромистой стали
Приставка 2D	Кольца с различными покрытиями из различных материалов, соответствующие современной конструкции дизельных двигателей
2N	С нитридосодержащими компонентами (верхние кольца или 3-составные маслосъемные кольца)

ШИФРЫ И СОКРАЩЕНИЯ НАЗВАНИЙ МАТЕРИАЛОВ

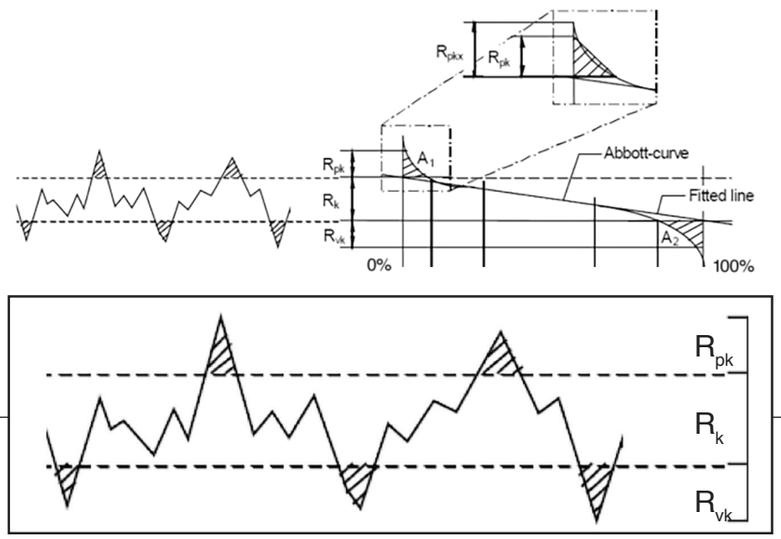
1PCO	1-СОСТАВНОЕ МАСЛОСЪЕМНОЕ
2PCO	1-СОСТАВНОЕ МАСЛОСЪЕМНОЕ
FV	3-СОСТАВНОЕ ЭЛАСТИЧНОЕ С ЗАЗОРОМ
BF	СКРУГЛЕННАЯ ФАСКА
CC	ХРОМИСТАЯ КЕРАМИКА
CR	ХРОМ
CHR	НАПРАВЛЯЮЩАЯ ИЗ ХРОМИСТОЙ СТАЛИ
CI	ЧУГУН С СОДЕРЖАНИЕМ КАРБИДОВ
CF	CONFORMATIC
CF KST	ПОРШЕНЬ С КЛИНОВИДНЫМИ КОЛЬЦАМИ CONFORMATIC
DI	ВЫСОКОПРОЧНЫЙ ЧУГУН
FKST	ЦЕЛЬНЫЙ ПОРШЕНЬ С КЛИНОВИДНЫМИ КОЛЬЦАМИ
GI	СЕРЫЙ ЧУГУН
GL	РАЗДЕЛИТЕЛЬНО-ЗАПОРНАЯ ШАЙБА
HKST	РАЗЪЕМНЫЙ ПОРШЕНЬ С КЛИНОВИДНЫМИ КОЛЬЦАМИ
DI	ВЫСОКОПРОЧНЫЙ
KYS	ПОРШЕНЬ С КЛИНОВИДНЫМИ КОЛЬЦАМИ
N	ТИПА NAPIER
GN	С ПОКРЫТИЕМ НИТРИДОМ
PVD GN	НИТРИД PVD
PC	ФОСФАТИРОВАННЫЙ
PM	ПЛАЗМЕННОЕ МОЛИБДЕНОВОЕ ПОКРЫТИЕ
RVT	С ВЫТОЧКОЙ НА ВНЕШНЕЙ ЦИЛИНДРИЧЕСКОЙ ПОВЕРХНОСТИ
RVT BF	С ВЫТОЧКОЙ НА ВНЕШНЕЙ ЦИЛИНДРИЧЕСКОЙ ПОВЕРХНОСТИ И ФАСКОЙ
SCRP	МАСЛОСЪЕМНОЕ КОЛЬЦО
SCRP TF	МАСЛОСЪЕМНОЕ КОЛЬЦО С КОНУСНОЙ ПОВЕРХНОСТЬЮ
SS	НЕРЖАВЕЮЩАЯ СТАЛЬ
S	СТАЛЬ
SN	НИТРИДИРОВАННАЯ СТАЛЬ
ST	С ЦИЛИНДРИЧЕСКОЙ ПОВЕРХНОСТЬЮ
TF	С КОНУСНОЙ ПОВЕРХНОСТЬЮ
TFN	С КОНУСНОЙ ПОВЕРХНОСТЬЮ И ВЫТОЧНОЙ ТИПА NAPIER
TFN CI	С КОНУСНОЙ ПОВЕРХНОСТЬЮ И ВЫТОЧНОЙ ТИПА NAPIER ИЗ ЧУГУНА С КАРБИДНЫМ УПРОЧНЕНИЕМ
T	С ВЫТОЧКОЙ НА ВНУТРЕННЕЙ ЦИЛИНДРИЧЕСКОЙ ПОВЕРХНОСТИ
TBF	С ВЫТОЧКОЙ НА ВНУТРЕННЕЙ ЦИЛИНДРИЧЕСКОЙ ПОВЕРХНОСТИ И СКРУГЛЕННОЙ ФАСКОЙ
TTF	С ВЫТОЧКОЙ НА ВНУТРЕННЕЙ ЦИЛИНДРИЧЕСКОЙ ПОВЕРХНОСТИ И КОНУСНОЙ НАРУЖНОЙ ПОВЕРХНОСТЬЮ
3CR	ТРОЙНОЕ ХРОМИРОВАНИЕ

ШЕРОХОВАТОСТЬ ВНУТРЕННЕЙ ПОВЕРХНОСТИ ЦИЛИНДРА

При обозначении основных параметров шероховатости внутренних поверхностей цилиндров вместо Ra используются значения Rpk, Rk и Rvk. Они более точно характеризуют чистоту обработки поверхности

Опорная кривая профиля (доля поверхности контакта между цилиндром и поршневым кольцом)

Definition of Roughness Characteristics by DIN EN ISO 13 565 (1998.04)



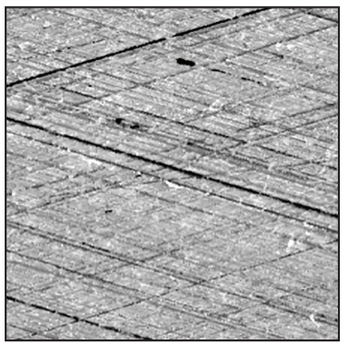
Уменьшенная высота пиков (Rpk)
Верхняя часть профиля поверхности изнашивается с большей скоростью, когда двигатель начинает работу.

Основная глубина микронеровностей (Rk)
Поверхность, длительное время подвергавшаяся изнашиванию, профиль которой влияет на рабочие характеристики цилиндра.

Уменьшенная глубина впадин (Rvk)
Способность поверхности удерживать масло в бороздах, образовавшихся при механической обработке

ПРОФЕССИОНАЛЬНЫЕ РЕКОМЕНДАЦИИ

Общее назначение:
Хорошие эксплуатационные характеристики и долгий срок службы
Rpk: 8-12 микродюймов (оптимально <12)
Rk: 25-35 микродюймов (оптимально <25)
Rvk: 40-50 микродюймов (оптимально <40)
Ra: 15-20 микродюймов (допускается 12-23)

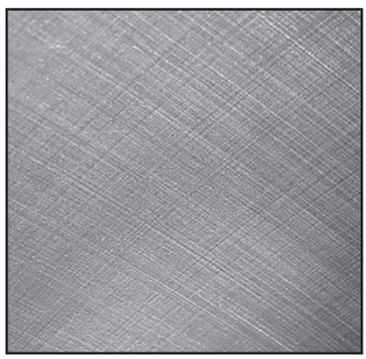


Pro-Stock и NASCAR:
Более гладкая поверхность, значительно более короткий срок службы, но меньшая сила трения
Rpk: 3-5 микродюймов
Rk: 12-18 микродюймов
Rvk: 20-25 микродюймов

СПОСОБНОСТЬ УДЕРЖИВАТЬ МАСЛО И УГОЛ НАСЕЧКИ

Способность удерживать масло (впадины на внутренней поверхности цилиндра)

- Показатель Rvk тесно связан с расходом масла
- Высокие значения Rvk вызывают повышенный расход масла и чрезмерное вращение колец Недостаточное значение Rvk может стать причиной высокой скорости изнашивания колец и стенок цилиндра



Угол насечки

- Стандартное значение для автомобильной промышленности: 45° относительно друг друга (или 22°-32° к горизонтальной поверхности)
- Угол косой насечки должен оставаться неизменным по всей высоте цилиндра и не должен переходить в горизонталь на каком-либо из концов
- Кольца низкого натяжения гоночных автомобилей: 20°- 30°
- Nikasil® — стенки цилиндров с термически напыленным покрытием — стенки цилиндров с заэвтектической структурой поверхности: 10°-15°

Источник: Данные по углу косой насечки предоставлены компанией Sunnen Products

ХОНИНГОВАНИЕ (ОБЩЕЕ НАЗНАЧЕНИЕ)

Стандартные методы хонингования
Удаление припусков

- 0.0030” при помощи шлифовального камня зернистостью 80-100
  - — Удаление основной части припуска; образуются глубокие впадины
- 0.0015” при помощи шлифовального камня зернистостью 280-320
  - — Подготовка базовой шероховатости; регулирует глубину впадин
- 0.0005” при помощи шлифовального камня зернистостью 400-600
  - — Подготовка плоских участков

профиля финишная обработка

- абразивная щетка с нейлоновой щетиной зернистостью 320

ИЛИ

- шлифовальный камень с пробковым связующим зернистостью 800
  - — Удаление поверхностных дефектов, оставшихся после хонингования

ХОНИНГОВАНИЕ (ДВИГАТЕЛИ ГОНОЧНЫХ АВТОМОБИЛЕЙ)

Стандартные методы хонингования
Удаление припусков

- Камень EHU412 зернистостью 150
  - — Удаление основной части припуска; образуются глубокие впадины
- 0.0020” при помощи шлифовального камня JHU623 зернистостью 280
  - — Подготовка базовой шероховатости; регулирует глубину впадин
- 0.0003” при помощи шлифовального камня C30J95 зернистостью 500
  - — Такой камень необходимо укоротить до длины 2,750”.
  - — Подготовка плоских участков профиля

Rpk: до 10 микродюймов

Rvk: 18-25 микродюймов

КОНТРОЛЬ ЧИСТОТЫ ОБРАБОТКИ ПОВЕРХНОСТИ

РАСПРОСТРАНЕННЫЕ ДЕФЕКТЫ ОБРАБОТКИ ПОВЕРХНОСТИ

Борозды косой насечки расположены хаотично
Причины: Различная скорость возвратно-поступательного движения, неудовлетворительная степень разрушения камня при чередовании циклов нагружения и разрушения, слишком твердый камень или слишком грубое зерно.
Результат: Неудовлетворительное распределение масла, неправильное течение процесса приработки, увеличение расхода масла

Широкие, глубокие канавки насечки
Причины: Слишком грубое зерно, слишком большое усилие шлифования, неудовлетворительная степень разрушения камня, недостаточная степень смазки
Результат: Вызывает чрезмерную скорость изнашивания, повышенный расход масла, неправильный и неравномерный процесс приработки

Борозды расположены в одном направлении
Причины: Большой разброс в характеристиках материалов, использовавшихся в процессе хонингования
Результат: Вызывает быстрое изнашивание, плохую посадку, чрезмерное вращение колец, снижает способность удерживать масло

Малый угол насечки
Причины: Низкая скорость возвратно-поступательного движения по сравнению со скоростью вращения
Результат: Высокие динамические усилия, вызывающие чрезмерный износ, медленное протекание процесса приработки колец

Изменение направления и прерывистость борозд насечки
Причины: Слишком большая зернистость камня и/или слишком малая прочность связующего, недостаточность смазки
Результат: Вызывает появление царапин, высокой скорости изнашивания, повышение температуры колец, неоправданно высокий расход масла

Малое количество плоских участков профиля
Причины: Слишком грубое зерно шлифовального камня, недостаточное снятие припуска за проход
Результат: Повышенная скорость изнашивания колец, высокая температура

Слишком гладкие плоские участки профиля
Причины: Повышенное усилие шлифования, большая нагрузка на камень (для соответствующей марки), недостаточность смазки
Результат: Снижение скорости приработки и повышенный расход масла

Большие углубления в стенке цилиндра
Причины: Повышенное усилие шлифования, большая нагрузка на камень (для соответствующей марки), недостаточность смазки
Результат: Повышенный расход масла, быстрое изнашивание, большой разброс характеристик между двигателями

КОНТРОЛЬ ЗАЗОРОВ КОМПРЕССИОННЫХ КОЛЕЦ

РЕКОМЕНДУЕМЫЕ ЗНАЧЕНИЯ ЗАЗОРОВ В КОМПРЕССИОННЫХ КОЛЬЦАХ АВТОМОБИЛЕЙ

CYLINDER DIAMETER IN MILLIMETERS	RING GAP TOLERANCE IN MILLIMETERS
25.4 to 60.00496	0.1524 to 0.3556
60.0075 to 74.99096	0.2032 to 0.4064
74.9935 to 89.97696	0.254 to 0.508
89.9795 to 109.9795	0.3048 to 0.5588
109.982 to 129.982	0.3556 to 0.6604
129.9845 to 149.9845	0.4064 to 0.762
149.987 to 175.0035	0.508 to 0.889
175.006 to 228.5975	0.6096 to 1.0414

CYLINDER DIAMETER IN INCHES	RING GAP TOLERANCE IN INCHES
1.0000 to 2.3624	.006 to .014
2.3625 to 2.9524	.008 to .016
2.9525 to 3.5424	.010 to .020
3.5425 to 4.3299	.012 to .022
4.3300 to 5.1174	.014 to .026
4.3300 to 5.1174	.016 to .030
5.9050 to 6.8899	.020 to .035
6.8900 to 8.9999	.024 to .041

Не следует забывать, что указанные допуски производитель четко указывает соответствующие допуски, и что зазоры поршневых колец измеряют щупами с точностью до 0,0001 дюйма в цилиндре, для которого соответствующее кольцо было изготовлено. Любое изменение диаметра цилиндра, в котором используется кольцо в большую сторону приводит к увеличению зазора приблизительно на 0.003” на каждую 0.001” диаметра диаметра цилиндра.



HASTINGS PISTON RINGS.
MADE FOR THE WORLD.

Seit 1915 ist Hastings Manufacturing Company einer der weltweit führenden Hersteller in der Kolbenringentwicklung und Herstellung. Mit dem umfangreichsten Sortiment an Kolbenringen welches heute verfügbar ist. Hastings hat Kolbenringe für praktisch jeden Motorentyp für PKW, LKW, Motorräder, Gartentechnik, Kompressoren, Schiffsmotoren, Landwirtschaft- und Rennmotoren. Hastings entwickelt und fertigt Kolbenringe für OEM‘s weltweit, Hastings entwirft und produziert Kolbenringe für die bekanntesten und vertrauenswürdigsten Marken.

Hastings fertigt nur Kolbenringe und das aus gutem Grund. Wir glauben, dass die Herstellung des besten Produkts einen einzigartigen und konstanten Fokus braucht. So konzentrieren wir uns darauf was wir am besten können: Lieferung von ultimativem Vertrauen für Kunden rund um den Globus. Hastings liefert was die Welt von Kolbenringen erwartet: Präzision, Leistung und Vertrauen, egal für welchen Motor oder welche Anwendung. Wenn es ein Verbrennungsmotor ist, dann läuft er besser und länger mit Hastings Kolbenringen.

WICHTIGE ASPEKTE BEI MOTORENREPARATUREN

- Mangelhafte Sauberkeit des Motors
- Rauhe/Fehlerhafte Oberkante am Zylinder
- Grate am Zylinderboden
- Beschädigte Zylinderbohrung
- Manuelle Ringmontage am Kolben
- Deformierung der Kolbenringe bei der Montage
- Nicht verwendete/unsachgemäß verwendete Ringzange
- Kolbenschaden – Nutschaden, verbeult

VIELE PROBLEME SIND KEINE MECHANIKERFEHLER

- Computer (schlechte Kalibrierung)
- Sensoren (schlechte Sensoren)
- AGR-Ventil (zuviel Abgase)
- Ansaugkrümmer (Verunreinigungen, undicht, läuft heiß)

EMPFEHLUNGEN FÜR DIE KOLBENRINGMONTAGE

- Setzen Sie die Ringe in den Zylinder ein und messen Sie das Stoßspiel mit einer Fühlerlehre
- Stellen Sie das Stoßspiel richtig ein, wenn möglich, mit gleichmäßigem Abstand an beiden Stoßenden
- Benutzen Sie die Kolbenringzange zur Montage der Ringe am Kolben zur Vermeidung bleibender axialer oder radialer Deformationen.
- Montieren Sie die Kolbenringe mit der Markierung (Punkt) nach oben zum Kolbenboden (sonst kann das Öl nicht abgestreift werden)
- Installieren Sie 2,0mm, 3-teilige Ölabstreifringe mit der Kolbenringzange, Punkt nach oben zum Kolbenboden, um ein blockieren der Ölrücklauflöcher zu vermeiden.
- Verdrehen Sie die Stoßenden der einzelnen Kolbenringe um 180 Grad zueinander.
- Reinigen Sie alle Ölrücklauflöcher mit heißem Seifenwasser und Bürste und trocken Sie es mit einem sauberen weißen Tuch ab und prüfen Sie das keine Rückstände vorhanden sind.
- Ölen Sie die Zylinderlaufbüchse und Kolbenringe etwas mit Motorenöl.
- Fügen Sie die Kolbenringe richtig in die Nute ein, sodass die Ringe nicht an der Zylinderkante hängen bleiben können. (Drücken Sie nicht den Kolben ein, wenn die Ringe sich nicht richtig in die Nute einfügen)
- Typischer Motoreinlauf: Benutzen Sie das vom Hersteller empfohlene Motorenöl und wechseln es nach den ersten 3000 Meilen/4828 km(empfohlen 5000km). Benutzen Sie ein synthetisches Motorenöl nur, wenn es vom Motorenhersteller empfohlen wird.

KOLBENRINGZANGE

Die Kolbenringzange ist nicht teuer und einfach zu benutzen. Einfach die Keilbacken der Kolbenringzange an die Stoßenden des Kolbenrings platzieren, sanft öffnen und in der Nut am Kolben einfügen. Sie ist auch für die Demontage der Kolbenringe geeignet ohne diese zu beschädigen.



Part #1723

KOLBENRING PRÄFIX

No Prefix ..... Verdichtungsringe aus Gusseisen
Ölabstreifringe aus Gusseisen
oder Chrom

2C Prefix ..... Verchromte obere Verdichtungsringe
Verchromte Ölabstreifringe

2M Prefix ..... Molybdänbeschichtete obere
Verdichtungsringe
Verchromte Ölabstreifringe

2D Prefix ..... Verschiedene
..... Ringlauffllächenbeschichtungen
und Materialen, die für moderne
Dieselmotoren geeignet sind.

2N Prefix ..... Enthält Bestandteile aus Nitrit
(obere Verdichtungsringe oder
3-teilige Ölabstreifringe).

KODIERUNG UND MATERIALABKÜRZUNGEN

1PCO ..... EINTEILIGE ÖLABSTREIFRINGE

2PCO ..... ZWEITEILIGE ÖLABSTREIFRINGE

FV ..... DREITEILIGE FLEXIBLE
ÖLABSTREIFRINGE

BF ..... BALLIGE LAUFLÄCHE

CC ..... CHROMKERAMIK

CR ..... VERCHROMT

CHR ..... VERCHROMTE LAMELLEN

CI ..... EISENKARBID

CF ..... FORMFÜLLUNGSVERMÖGEN

CF KST ..... FORMFÜLLENDER TRAPEZRING

DI ..... DEHNBARES EISEN

FKST ..... DOPPELSEITIGER TRAPEZRING

GI ..... GRAUGUSS

GL ..... ZWISCHENRING

HKST ..... EINSEITIGER TRAPEZRING

DI ..... HOCH WIDERSTANDSFÄHIG

KYS ..... TRAPEZRING

N ..... NASENRING

GN ..... NITRIERT

PVD GN ..... PVD NITRIERT

PC ..... PHOSPHATBESCHICHTET

PM ..... PLASMA-MOLYBDÄN-BESCHICHTUNG

RVT ..... RÜCKSEITE INNENFASE

RVT BF ..... RÜCKSEITE INNENFASE BALLIGE
LAUFFLÄCHE

SCRP ..... ÖLSCHLITZRING

SCRP TF .... GLEICHFASENRING

SS ..... EDELSTAHL

S ..... STAHL

SN ..... NITRIERTER STAHL

ST ..... RECHTECKRING

TF ..... MINUTENRING

TFN ..... NASENMINUTENRING

TFN CI ..... NASENMINUTENRING AUS
EISENKARBID

T ..... INNENFASE

TBF ..... INNENFASE BALLIGE LAUFFLÄCHE

TTF ..... INNENFASE MINUTENRING

3CR ..... TRIPLE CHROME – DREIFACH CHROM

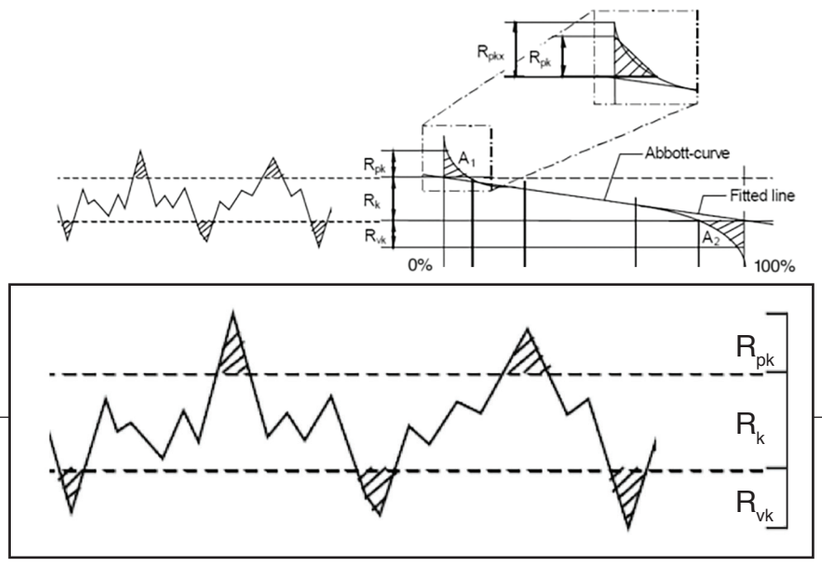
ZYLINDEROBERFLÄCHE

Rpk, Rk und Rvk ersetzen Ra als wichtigsten Parameter für die Rauheit. Diese Parameter beschreiben den Zustand der Oberfläche des Zylinders am besten.

Materialanteilskurve (Materialanteil im Kontakt zwischen Zylinder und Kolbenring)

Definition of Roughness Characteristics by DIN EN ISO 13 565 (1998.04)

A_1	Peak material volume
A_2	Area valley ratio
R_k	Core roughness depth
R_{pk}	Reduced peak height
R_{vk}	Reduced valley depth
M_{r1}	Peak material ratio
M_{r2}	Valley material ratio



Reduzierte Spitzenhöhe (Rpk)
Der obere Teil der Oberfläche, der nach dem Motoreinlauf schnell abgetragen wird.

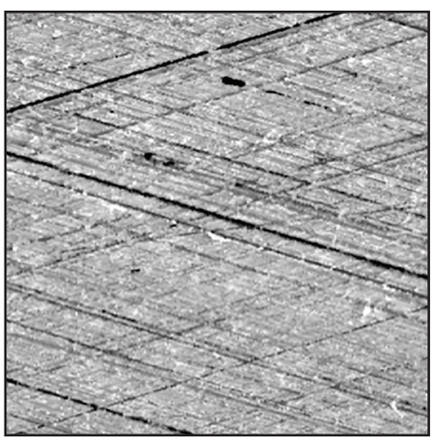
Kernrautiefe Rk ist die Tiefe des Rauheitskernprofils
Die Langzeitlauffläche, welche die Leistung und die Lebensdauer des Zylinders beeinflusst

Reduzierte Riefentiefe Rvk ist die gemittelte Tiefe der aus dem Kernbereich herausragenden Riefen
Die Ölrückhaltefähigkeit der tiefen Mulden, die in die Oberfläche eingearbeitet wurden

INDUSTRIEEMPFEHLUNGEN

Allgemein
Gute Leistung mit hoher Lebensdauer
Rpk: 8-12 Mikroinch (<12 Optimal))
Rk: 25-35 Mikroinch (25 Optimal)
Rvk: 40-50 Mikroinch (40 Optimal)
Ra: 15-20 Mikroinch (12-23 Zulässig)

Pro-Stock & NASCAR:
Glattere Oberfläche, kürzere Lebensdauer aber weniger Reibung
Rpk: 3-5 Mikroinch
Rk: 12-18 Mikroinch
Rvk: 20-25 Mikroinch



ÖLHAFTUNG UND HONUNGSWINKEL

Ölhaftung (Riefen in der Zylinderoberfläche)

• Rvk beeinflusst den Ölverbrauch stark

• Übermäßige Rvk verursacht einen hohen Ölverbrauch und übermäßige Ringrotation

• Zu geringe Rvk kann einen hohen Verschleiß von Kolbenringen und Zylindern verursachen

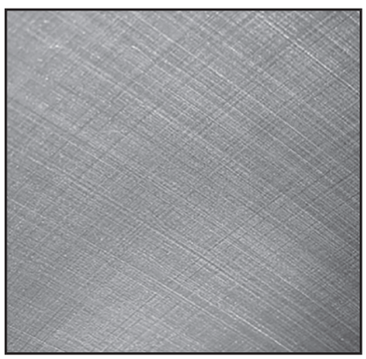
Honungswinkel

• Typisch für Automobilanwendungen: 45° zueinander (oder 22°-32° zur horizontalen Zylinderblockoberfläche)

• Der Honungswinkel sollte über die gesamte Länge des Zylinders gleich sein und nicht an beiden Enden abflachen

• Hochleistungskolbenringe mit niedriger Spannkraft für Rennaplikationen 20°- 30°

• Nikasil® – Thermisch beschichtete Zylinderoberfläche - Hypereutektische Zylinderoberflächen 10°-15°



Quelle: Daten für Honungswinkel von Sunnen Products Company

HONUNG (ALLGEMEIN)

Standard Honen
Normales Honen

• 0,076mm mit Honstein Körnung 80÷100
  – Intensives Honen:
    Erzeugt tiefe Riefen

• 0,0381mm mit Honstein Körnung 280-320
  – Vorbereitung der Kernrauheit
    Regulierung der Riefentiefe

• 0,0127mm mit Honstein Körnung 400÷600
  – Vorbereitung der Parameter für die Ebenheit

Endbehandlung:

• Schleifmittel gefüllte Nylonbürste Körnung 320
oder
• Korkschleifklotz Körnung 800
  – Entfernt Oberflächendefekte
    Entfernt Rückstände vom Honen

HONUNG - RENNMOTOREN

Standard Honen
Normales Honen

• EHU412 Körnung 150
  – Intensives Honen
    Erzeugt tiefe Riefen

• 0,05mm mit JHU623 Körnung 280
  – Vorbereitung der Kernrauheit
    Regulierung der Riefentiefe

• 0,008mm mit C30J95 Körnung 500
  – Diese Steine müssen verkürzt werden auf eine Länge von 69,85mm

  – Vorbereitung der Parameter für die Ebenheit:

Rpk: < 10 Mikrozoll (0,25 Mikrometer)
Rvk: 18-25 Mikrozoll (0,45÷0,63 Mikrometer)

ENDBEHANDLUNG DURCHFÜHREN

HÄUFIG AUFTRETENDE ABWEICHUNGEN VON EINER GUTEN ZYLINDERÖBERFLÄCHE

unregelmäßige Honspuren
Ursache: Unterschiedliche Hin- und Herbewegungsraten, schlechter Zustand der Honsteine mit falschem Druck, Steine zu Hart und oder Körnung zu grob
Wirkung: Schlechte Ölverteilung, ungleichmäßiger Motorlauf, Ölverbrauch

Breite, tiefe Honspuren
Ursache: Zu grobe Krnung, bermßiger Steindruck, schlechte Honsteine, unzureichende Schmierung
Wirkung: Zu hoher Verschleiß, hoher Ölverbrauch, kurze und ungleichmäßige Motoreinlaufphase

Honspuren nur in eine Richtung
Ursache: Zu großes Spiel in den Honkomponenten
Wirkung: Zu hoher Verschleiß, schlechter Sitz, bermßige Ringrotation, schlechte Schmierung

Kleiner Honungswinkel
Ursache: Zu niedrige Hin- und Herbewegungsrate im Vergleich zur Umdrehung
Wirkung: Hohe Schlagkräfte verursachen einen hohen Verschleiß, schlechte Ölverteilung, langsamerer Einlauf der Kolbenringe

Honspuren kantig und gebrochen
Ursache: Zu grobe Krnung/oder zu weich, unzureichende Schmierung
Wirkung: Verursacht Kratzer, hoher Verschleiß, erhhte Ringtemperaturen, hoher und ungleichmßiger Ölverbrauch

Zu geringe Ebenheit
Ursache: Zu grobe Krnung, unzureichende Abtragsmenge pro Schnitt
Wirkung: Übermäßiger Ringverschleiß, erhöhte Temperaturen

verglaste Oberfläche
Ursache: bermßige Steindrcke, verschlissene Steine (zu hart), unzureichende Schmierung
Wirkung: Verlangsamter Motoreinlauf und erhöhter Ölverbrauch

Übermäßige Hohlräume in der Zylinderwand
Ursache: bermßige Steindrcke, verschlissene Steine (zu hart), unzureichende Schmierung
Wirkung: Erhöhter Ölverbrauch, hoher Verschleiß, reduziert den Gleichlauf des Motors

ÜBERPRÜFUNG DES STOSSSPIELS DER VERDICHTUNGSRINGE

EMPFOHLENE STOSSSPIELWERTE FÜR AUTOMOBIL-VERDICHTUNGSRINGE

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5.9050 to 6.8899	.020 to .035
6.8900 to 8.9999	.024 to .041

Zur Erinnerung, eine wichtige Tatsache ist, dass die Hersteller das Stoßspiel mit präzisen Messvorrichtungen mit einer Genauigkeit von 0,005mm des Zylinderdurchmessers messen und bei der Herstellung die Toleranzen streng einhalten. Jede Vergrößerung des Zylinders an dem der Ring verwendet wird führt zu einer Zunahme von etwa 0,03 mm des Stoßspiels, für je 0,01 mm Anstieg des Zylinderdurchmessers.

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
ACURA												
D16A1	4 CYL	1.6 L	1590		1986-89	Integra	75.00	1.20	398 BF CR S	2C4640	4	STD
								1.50	435 SCRP PC GI	2C4640010		0.25
								2.80	859 FV CR	2C4640020		0.50
									732 FV CR	2C4640030		0.75
										2C4640040		1.00
										2C4640060		1.50
B17A1	4 CYL	1.7 L	1678		1991-93	Integra	81.00	1.00	398 BF CR S	2C4666	4	STD
								1.20	126 RVT PC GI	2C4666010		0.25
								2.80	861 FV CR	2C4666020		0.50
									732 FV CR	2C4666030		0.75
										2C4666040		1.00
B18C1	4 CYL	1.8 L	1797		1990-01	Integra	81.00	1.00	398 BF CR S	2C4666	4	STD
								1.20	126 RVT PC GI	2C4666010		0.25
								2.80	861 FV CR	2C4666020		0.50
									732 FV CR	2C4666030		0.75
										2C4666040		1.00
B18A1, B18B1, B18C5	4 CYL	1.8 L	1834		1990-01	Integra	81.00	1.00	398 BF CR S	2C4666	4	STD
								1.20	126 RVT PC GI	2C4666010		0.25
								2.80	861 FV CR	2C4666020		0.50
									732 FV CR	2C4666030		0.75
										2C4666040		1.00
R20A3	4 CYL	2.0 L	1997		2013-15	ILX	81.00	1.20	398 BF CR S	2C4850	4	STD
								1.20	126 RVT PC GI	2C4850010		0.25
								2.00	993 FV CR	2C4850020		0.50
									005 FV CR	2C4850030		0.75
										2C4850040		1.00
C25A1	6 CYL	2.5 L	2494		1986-87	Legend	84.00	1.20	398 BF CR S	2C4644	6	STD
								1.20	126 RVT PC GI	2C4644020		0.50
								4.00	058 FV CR	2C4644030		0.75
									732 FV CR	2C4644040		1.00
G25A, G25A1, G25A4	5 CYL	2.5 L	2456		1991-98	TL, Vigor	85.00	1.20	398 BF CR S	2C4779	5	STD
								1.20	126 RVT PC GI	2C4779020		0.50
								2.80	997 FV CR	2C4779030		0.75
									732 FV CR	2C4779040		1.00
F23A1	4 CYL	2.3 L	2254		1998-99	CL	86.00	1.20	398 BF CR S	2C4969	4	STD
								1.20	126 RVT PC GI	2C4969020		0.50
								2.80	997 FV CR	2C4969030		0.75
									732 FV CR	2C4969040		1.00
J30A1	6 CYL	3.0 L	2977		1997-98	CL	86.00	1.20	398 BF CR S	2C4971	6	STD
								1.20	126 RVT PC GI	2C4971020		0.50
								2.80	997 FV CR	2C4971030		0.75
									732 FV CR	2C4971040		1.00
K24Z3, K24Z7	4 CYL	2.4 L	2354		2012-15	ILX, TSX V-TEC	87.00	1.20	398 BF CR S	2C5147	4	STD
								1.20	126 RVT PC GI	2C5147010		0.25
								2.00	993 FV CR	2C5147020		0.50
									005 FV CR	2C5147030		0.75
										2C5147040		1.00
K24A2 DOHC	4 CYL	2.4 L	2354		2003-10	FI TSX	87.00	1.20	398 BF CR S	2C5179	4	STD
								1.20	126 RVT PC GI	2C5179020		0.50
								2.50	995 FV CR	2C5179030		0.75
									732 FV CR	2C5179040		1.00
C27A1	6 CYL	2.7 L	2675		1987-97	Legend	87.00	1.20	398 BF CR S	2C4645	6	STD
								1.20	126 RVT PC GI	2C4645020		0.50
								4.00	058 FV CR	2C4645030		0.75
									732 FV CR	2C4645040		1.00
K24Z7	4 CYL	2.4 L	2354		2012-15	ILX Saloon	87.00	1.20	398 BF CR S	2C4122	4	STD
								1.00	123 RVT PC DI	2C4122020		0.50
								2.00	993 FV CR	2C4122030		0.75
									005 FV CR			
J32A1, J32A2, J32A3	6 CYL	3.2 L	3210		1999-08	CL-S, TL, TL-S	89.00	1.20	398 BF CR S	2C4972	6	STD
								1.20	126 RVT PC GI	2C4972020		0.50
								2.80	997 FV CR	2C4972030		0.75
									732 FV CR	2C4972040		1.00
J35A1, J35A3, J35A8 J35Y4, J35Z2 J35Z6, J35A6	6 CYL	3.5 L	3471		2001-17	MDX, RL, LX, TL, TL-S, RDX, RLX, 212. RDX, TL, TSX	89.00	1.20	398 BF CR S	2C4972	6	STD
								1.20	126 RVT PC GI	2C4972020		0.50
								2.80	997 FV CR	2C4972030		0.75
									732 FV CR	2C4972040		1.00
C30A1, C30A	6 CYL	3.0 L	2977		1991-05	NSX, NSX-T	90.00	1.20	398 BF CR S	2C4667	6	STD
								1.20	126 RVT PC GI	2C4667020		0.50
								2.80	861 FV CR	2C4667030		0.75
									732 FV CR	2C4667040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
ACURA												
C32A1, C32A6	6 CYL	3.2 L	3206		1991-98	Legend, TL	90.00	1.20	398 BF CR S	2C4667	6	STD
								1.20	126 RVT PC GI	2C4667020		0.50
								2.80	861 FV CR	2C4667030		0.75
									732 FV CR	2C4667040		1.00
C35A1	6 CYL	3.5 L	3474		1996-04	RL	90.00	1.50	335 T PM DI	2M4940	6	STD
								1.20	126 RVT PC GI	2M4940020		0.50
								2.80	861 FV CR	2M4940030		0.75
									732 FV CR	2M4940040		1.00
C32B1	6 CYL	3.2 L	3179		1997-05	NSX, NSX-T	93.00	1.20	398 BF CR S	2C4781	6	STD
								1.20	126 RVT PC GI	2C4781010		0.25
								2.50	995 FV CR	2C4781020		0.50
									732 FV CR	2C4781030		0.75
										2C4781040		1.00
									397 BF PM S	2M4781	6	STD
									126 RVT PC GI	2M4781010		0.25
									995 FV CR	2M4781020		0.50
									732 FV CR	2M4781030		0.75
										2M4781040		1.00
ALFA ROMEO												
199 A1.000, 350 A1.000 Euro4/5, 955 A9.000	4 CYL	1.4 L	1368		2011-On	Mito 1.4	72.00	1.00	326 TBF GN SS	2N4104	4	STD
								1.20	406 N PC DI	2N410420		0.20
								2.00	248 CF CR	2N410440		0.40
									881 2PCO	2N410460		0.60
101	4 CYL	1.3 L	1290		1955-70	750, B, C, E, Guiletta, Std. Super,Berlina, Sprintti, Guilia 1300	74.00	2.00	102 T PC GI	5988	4	STD
								2.00	401 SCRP PC GI	5988040		1.00
								4.00	058 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C5988	4	STD
									401 SCRP PC GI	2C5988040		1.00
									058 FV CR			
									732 FV CR			
AR 00526,AR 00536, AR 01600, AR 06100	4 CYL	1.6 L	1567		1964-90	Giulia,Giulia GT, Alfetta, Spider 1600, 75	78.00	1.50	362 BF 3CR GI	2C9520	4	STD
								1.75	401 SCRP PC GI			
								4.00	056 FV CR			
									732 FV CR			
AR61101 Replacement Piston w/3.5mm oil ring	4 CYL	1.6 L	1597		1985-92	75	78.00	1.50	327 BF PM GI	2M5026	4	STD
								1.75	401 SCRP PC GI			
								3.50	058 FV CR			
									732 FV CR			
AR 30104	4 CYL	1.2 L	1186		1972-86	Alfasud TI	80.00	1.50	032 BF PC GI	9519	4	STD
								1.75	401 SCRP PC GI	9519020		0.50
								4.00	056 FV CR	9519040		1.00
									732 FV CR			
									362 BF 3CR GI	2C9519	4	STD
									401 SCRP PC GI	2C9519020		0.50
									056 FV CR	2C9519040		1.00
									732 FV CR	2C9519060		1.50
AR 30160, AR 30180	4 CYL	1.3 L	1287		1979-84	Alfasud	80.00	1.50	032 BF PC GI	9519	4	STD
								1.75	401 SCRP PC GI	9519020		0.50
								4.00	056 FV CR	9519040		1.00
									732 FV CR			
									362 BF 3CR GI	2C9519	4	STD
									401 SCRP PC GI	2C9519020		0.50
									056 FV CR	2C9519040		1.00
									732 FV CR	2C9519060		1.50
AR 33501, AR 31010, AR 30755, AR 30753, AR 30732, AR 30587, AR 30586,AR30502, AR 30168,AR 30164	4 CYL	1.4 L	1351		1977-96	Alfasud	80.00	1.50	032 BF PC GI	9519	4	STD
								1.75	401 SCRP PC GI	9519020		0.50
								4.00	056 FV CR	9519040		1.00
									732 FV CR			
									362 BF 3CR GI	2C9519	4	STD
									401 SCRP PC GI	2C9519020		0.50
									056 FV CR	2C9519040		1.00
									732 FV CR	2C9519060		1.50
AR 00548, AR 01608, AR 01608 X, AR 01678 AR 06168, AR 06202, AR 61102, AR 61201	4 CYL	1.8 L	1779		1967-92	1750 GT,Alfetta, 75	80.00	1.50	362 BF 3CR GI	2C4291	4	STD
								1.75	401 SCRP PC GI			
								3.50	055 FV CR			
									732 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
ALFA ROMEO												
501, 501.41	4 CYL	1.8 L	1779		1967-77	1750GT, Alfetta, Spider, Veloce	80.00	1.50 1.75 4.00	032 BF PC GI 401 SCRP PC GI 056 FV CR 732 FV CR	9519 9519020 9519040	4	STD 0.50 1.00
									362 BF 3CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C9519 2C9519020 2C9519040 2C9519060	4	STD 0.50 1.00 1.50
AR 37101, 937 A2.000	4 CYL	1.9 L	1910		2000-10	JTD Turbo Diesel	82.00	2.50 2.00 2.00	217 BF CR DI 210 SCRP TF PC DI 248 CF CR 881 2PCO	2C7340	1	STD
AR 32302	4 CYL	1.9 L	1910		1998-01	JTD Turbo Diesel	82.00	3.00 2.00 3.00	221 FKST CC DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2D7355	1	STD
839.A600, AR 36202, 841 C.000	5 CYL	2.4 L	2387		2000-08	JTD Turbo Diesel	82.00	2.50 2.00 2.00	217 BF CR DI 210 SCRP TF PC DI 248 CF CR 881 2PCO	2C7340	1	STD
AR 34202, AR 32501	5 CYL	2.4 L	2387		1998-00	JTD Turbo Diesel	82.00	3.00 2.00 3.00	221 FKST CC DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2D7355	1	STD
182 B9.000 (Euro 3)	4 CYL	1.9 L	1910		2000-11	JTD, JTDM Diesel Eng.	82.00	2.00 2.00 2.00	376 BF CR DI 414 TFN GI 553 2PCO CR GI	2D7097	1	STD
192 A5.000, 192 B1.000 937 A4.000, 937 A5.000, 937 A6.000, 939 A2.000 AR 37101, 937 A2.000	4 CYL	1.9 L	1910		2000-12	JTD, JTD 16V, JTDM 16V JTDM 16V Q4 Turbo Diesel	82.00	2.00 2.00 2.00	205 BF CR DI 214 RVL PC DI 248 CF CR 881 2PCO	2D7366 2D736640 2D736660	1	STD 0.40 0.60
939 A3.000, 841 N.000, 841 M.000, 841 H.000, 841 G.000, 839 A6.000, AR 36202, 841 C.000,	5 CYL	2.4 L	2387		2001-12	JTD, JTDM, JTDM 20V, Brera Spider Turbo Diesel	82.00	2.00 2.00 2.00	205 BF CR DI 214 RVL PC DI 248 CF CR 881 2PCO	2D7366 2D736640 2D736660	1	STD 0.40 0.60
198 A5.000, 844 A2.000 939 B3.000, 939 B4.000 939 B5.000, 940 A4.000 940 A5.000, 940 A7.000 940 A8.000 Euro 5	4 CYL	2.0 L	1956		2009-On	159, Brera, Giulietta Diesel Eng Turbo Intercooled	83.00	1.50 1.50 2.00	239 BF CC DI 406 N PC DI 553 CF CR GI 881 2PCO	2D7528 2D752840	4	STD 0.40
AR 30124, AR 30128, AR 30128, AR 30146, AR 30182,AR 30184, AR 30504,AR 30508, AR 30514, AR 30520	4 CYL	1.5 L	1490		1979-93	Alfasud, Sprint & Super, 33, 33 Sportwagon	84.00	1.50 1.75 4.00	032 BF PC GI 401 SCRP PC GI 056 FV CR 732 FV CR	4250	4	STD
									362 BF 3CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C4250	4	STD
AR 67102, AR 67101	4 CYL	1.8 L	1962		1989-96	75 1.8, 155 2.0 T.S.	84.00	1.50 1.50 3.50	336 T PM DI 126 RVT PC GI 058 FV CR 732 FV CR	2M4955 2M4955020	4	STD 0.50
115	4 CYL	2.0 L	1962		1972-82	Alfetta, Alfetta GTV Berlina, GTV, Spider	84.00	1.50 1.75 4.50	102 T PC GI 401 SCRP PC GI 871 FV CR 732 FV CR	4280	4	STD
									362 BF 3CR GI 401 SCRP PC GI 871 FV CR 732 FV CR	2C4280	4	STD
AR 01588, AR 06166, AR 06224, AR 06416, AR 06420, AR 67201,	4 CYL	2.0 L			1985-93	Spider 2000, 75 2.0T.S., 164 2.0 T.S.	84.00	1.50 1.50 3.50	336 T PM DI 126 RVT PC GI 058 FV CR 732 FV CR	2M4955 2M4955020	4	STD 0.50
AR 64103	4 CYL	2.0 L			1992-98	155 2.0 T.S.,164 2.0 T.S.	84.00	1.50 1.50 3.50	336 T PM DI 126 RVT PC GI 058 FV CR 732 FV CR	2M4955 2M4955020	4	STD 0.50
AR67303	6 CYL	2.5 L	2492		1992-97	155 V-6	88.00	1.50 1.75 4.00	362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C4290	6	STD

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
ALFA ROMEO												
VM82A, VM96A	4 CYL	1.8 L	1779		1986-90	TD 33 Turbo Diesel	92.00	2.50 2.00 4.00	225 FKST CR DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
VM14HT, VM81A	4 CYL	2.4 L	2393		1983-92	TD Alfetta, 75, 90 Turbo Diesel	92.00	2.50 2.00 4.00	225 FKST CR DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
VM07B, VM08B, VM31B, VM32B, VM84A	4 CYL	2.5 L	2500		1987-99	TD 155, 164 Turbo Diesel	92.00	2.50 2.00 4.00	225 FKST CR DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
8140.61.200, 8144.61, 8144.61.200	4 CYL	2.5 L	2445		1978-86	AR 8 Box,AR 8 Platform, AR 6 Box,AR 8 Furgone Diesel Eng	93.00	3.00 2.00 4.00	376 BF CR DI 401 SCRP PC GI 200 CF PC GI 881 2PCO	2D9384	4	STD
AR 06120, AR 06124, AR06410, AR 61503, AR 64301	6 CYL	3.0 L	2959		1987-92	V-6 75, 164, Milano	93.00	1.50 1.50 3.50	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	4746 4746020 4746030 4746040	6	STD 0.50 0.75 1.00
									327 BF PM GI 126 RVT PC GI 058 FV CR 732 FV CR	2M4746 2M4746020 2M4746030 2M4746040	6	STD 0.50 0.75 1.00
ALLIS CHALMERS												
N62 Eng. G	4 CYL					Continental Eng.	60.33	2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 870 FV CR 732 FV CR	5671	4	STD
									362 BF 3CR GI 126 RVT PC GI 870 FV CR 732 FV CR	2C5671 2C5671030	4	STD 0.75
B, IB, PWR, B15, FC, FT20,FT25, FTP20, FTP30	4 CYL					Waukesha Eng.	82.55	3.18 3.18 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5060 5060020 5060030 5060060	4	STD 0.50 1.50 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5060	4	STD
138	4 CYL					B, B15, B125, C, CA, D10, D12, IB, RC, Combine 60, G138	85.73	3.18 3.18 3.18 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7762	4	STD
B, IB,G153 Permite SlvKit #CSA273	4 CYL						87.31	3.18 3.18 3.18 4.75	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5063 5063060	4	STD 1.50
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5063	4	STD
WD45	6 CYL					Diesel Eng	87.31	3.18 3.18 3.18 4.75 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 501 1PCO PC GI 825 2PCO 501 1PCO PC GI	2C5102	6	STD
B, C, CA, R & 138 Allied Kit #WSA494 Ertel Slv Kit #SA201 Genuine Parts #S159 McQuay Norris#SA197 Perfect Circle #WSA494	4 CYL						87.31	2.38 2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7705	4	STD
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7705	4	STD

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
ALLIS CHALMERS												
G149	4 CYL					D 10, D12 SERIES II, III	88.90	3.18	362 BF 3CR GI	2C5117	4	STD
						S/N 3501-ON		3.18	126 RVT PC GI			
						D14, D15G, H3,		3.18	126 RVT PC GI			
						I40, I400, 1400		4.75	860 FV CR			
D14						10, 66,90, 72			732 FV CR			
G246, G262	6 CYL					D19, TL14	90.49	3.18	362 BF 3CR GI	2C468	6	STD
						C, CB, CH, CR, CT, C11, F, G		3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
D262, D262T	6 CYL					Diesel D17 SERIES III,	90.49	2.38	362 BF 3CR GI	2C7136	6	STD
						IV, D19		2.38	126 RVT PC GI			
D262						Diesel A, B, R S/N 119460-on		2.38	126 RVT PC GI			
D262						Diesel DD, TL10D, 12D		4.75	501 1PCO PC GI			
									825 2PCO			
								4.75	501 1PCO PC GI			
D262	6 CYL					Diesel D17D, D17D Series IV	90.49	3.18	362 BF 3CR GI	2C7513	6	STD
DA262D						Diesel A, B, R To S/N 119460		3.18	126 RVT PC GI			
DA262						Diesel DD; TL10D 12D		3.18	126 RVT PC GI			
								4.75	501 1PCO PC GI			
									825 2PCO			
								4.75	501 1PCO PC GI			
G160	4 CYL					D15 Series II S/N 9001-on	92.08	2.38	032 BF PC GI	7593	4	STD
Gas or LPG Engs.						H3, I60G, I600G , G160		2.38	126 RVT PC GI			
								2.38	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C7593	4	STD
									126 RVT PC GI			
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
G2500	6 CYL					One-Eighty	95.25	2.38	363 BF CR GI	2C7702	6	STD
								2.38	126 RVT PC GI			
								2.38	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
G2800	6 CYL					Gas or LPG One-Ninety XT	98.43	2.38	363 BF CR GI	2C7703	6	STD
						TL545 GAS		2.38	126 RVT PC GI			
								2.38	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
D2200	4 CYL					Diesel	98.48	2.38	362 BF 3CR GI	2C7125	4	STD
								2.38	126 RVT PC GI			
								2.38	126 RVT PC GI			
								4.75	565 CF CR GI			
									881 2PCO			
D2800	6 CYL					ONE-Eighty, One Ninety	98.48	2.38	362 BF 3CR GI	2C7174	6	STD
D2900						One-Ninety XT Turbo		2.38	126 RVT PC GI			
301						7000 Turbo		2.38	126 RVT PC GI			
D2900						TL545, 545D, 545H		4.75	565 CF CR GI			
Sleeved Eng.						Diesel Eng			881 2PCO			
4.236	4 CYL					Perkins Diesel One-Seventy	98.48	2.38	362 BF 3CR GI	2C7201	4	STD
								2.38	126 RVT PC GI			
								2.38	126 RVT PC GI			
								6.35	501 1PCO PC GI			
									825 2PCO			
								6.35	501 1PCO PC GI			
G226, W25, W45, W201,	4 CYL					One-Seventy, D17 III,	101.60	3.18	362 BF 3CR GI	2C702	4	STD
W226 GAS or LPG						IV Piston#226347 SUPER 100		3.18	126 RVT PC GI			
						TL10, 11, 12, D, DG		3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
W	4 CYL						104.78	2.38	363 BF CR GI	2C7553	4	STD
White Machine								3.18	126 RVT PC GI			
Piston #A1070								3.18	126 RVT PC GI			
Sleeved Eng.								4.75	860 FV CR			
									732 FV CR			
W	4 CYL						104.78	2.38	363 BF CR GI	2C7580	4	STD
Genuine Slv Kit								2.38	126 RVT PC GI			
#S155, 156, 157;								2.38	126 RVT PC GI			
SA377, 379								6.35	860 FV CR			
									732 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
ALLIS CHALMERS												
W Allied Slv Kit #WSA263 McQuay Norris Slv Kit #SA175, 208 M & W Slv Kit #SP1, 6, 7, 7P, SP1-5 Sealed Power Slv Kit #SL1728, 1729 Perfect Circle Slv Kit #WSA263 Thompson Kit SA204	4 CYL						104.78	2.38 2.38 3.18 6.35	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7794	4	STD
AMERICAN MOTORS												
	4 CYL	1.4 L	1393	85	1983-87	Alliance	76.00	1.75 2.00 4.00	102 T PC GI 401 SCRP PC GI 056 FV CR 732 FV CR	4330 4330010 4330020 4330030 4330040	4	STD 0.25 0.50 0.75 1.00
									362 BF 3CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C4330 2C4330010 2C4330020 2C4330040	4	STD 0.25 0.50 1.00
L-Head & OHV	6 CYL	3.2 L	3195	195	1957-63	5710, 5810, Rambler 5910, American 5800, 5902, 5904-1, 5906, 5906-1	79.38	2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 871 FV CR 732 FV CR	680 680020 680030 680040 680060	6	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 871 FV CR 732 FV CR	2C680 2C680020 2C680030 2C680040	6	STD 0.50 0.75 1.00
	6 CYL	3.2 L			1963-65	220, 330, 440, 440H	79.38	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 871 FV CR 732 FV CR	690 690040 690060	6	STD 1.00 1.50
	4 CYL	1.7 L	1721	105	1986-88	Alliance	81.00	1.75 2.00 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	4600 4600020 4600030 4600040 4600060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 054 FV CR 732 FV CR	2C4600 2C4600010 2C4600020 2C4600030 2C4600040	4	STD 0.25 0.50 0.75 1.00
	4 CYL	2.0 L	2000	121	1977-79		86.50	2.00 2.50 5.00	032 BF PC GI 126 RVT PC GI 871 FV CR 732 FV CR	4466 4466020 4466040 4466060	4	STD 0.50 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 871 FV CR 732 FV CR	2C4466 2C4466010 2C4466020 2C4466040 2C4466060	4	STD 0.25 0.50 1.00 1.50
	4 CYL	2.2 L	2200	135	1988-89		88.00	1.75 2.00 4.00	327 BF PM GI 126 RVT PC GI 872 FV CR 732 FV CR	2M4455 2M4455010 2M4455020 2M4455030 2M4455040	4	STD 0.25 0.50 0.75 1.00
	8 CYL	4.1 L	4097	250	1956-62	Rambler Rebel 5720, 5820, 5920	88.90	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	652 652030 652040 652060	8	STD 0.75 1.00 1.50
									363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C652 2C652010 2C652020 2C652030 2C652040	8	STD 0.25 0.50 0.75 1.00
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M652 2M652030 2M652040	8	STD 0.75 1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
AMERICAN MOTORS												
Vin: A, B, E, J, P	6 CYL	3.3 L	3261	199	1964-70	Ambassador, Classic, Gremlin, Hornet, Marlin, Rambler, Rebel	95.25	2.00	032 BF PC GI	656	6	STD
								2.00	126 RVT PC GI	656010		0.25
								4.75	860 FV CR	656020		0.50
									732 FV CR	656030		0.75
										656040		1.00
										656060		1.50
									362 BF 3CR GI	2C656	6	STD
									126 RVT PC GI	2C656010		0.25
									860 FV CR	2C656020		0.50
									732 FV CR	2C656030		0.75
										2C656040		1.00
										2C656060		1.50
									327 BF PM GI	2M656	6	STD
									126 RVT PC GI	2M656010		0.25
									860 FV CR	2M656020		0.50
									732 FV CR	2M656030		0.75
										2M656040		1.00
										2M656060		1.50
Vin: B, C, E, F, G, L, M, P, Q, S, T, V, W	6 CYL	3.8 L	3802	232	1964-83	Ambassador, American, Classic, Concord, Hornet, Javelin,Marlin, Metador, Pacer, Rambler, Rebel, Spirit	95.25	2.00	032 BF PC GI	656	6	STD
								2.00	126 RVT PC GI	656010		0.25
								4.75	860 FV CR	656020		0.50
									732 FV CR	656030		0.75
										656040		1.00
										656060		1.50
									362 BF 3CR GI	2C656	6	STD
									126 RVT PC GI	2C656010		0.25
									860 FV CR	2C656020		0.50
									732 FV CR	2C656030		0.75
										2C656040		1.00
										2C656060		1.50
									327 BF PM GI	2M656	6	STD
									126 RVT PC GI	2M656010		0.25
									860 FV CR	2M656020		0.50
									732 FV CR	2M656030		0.75
										2M656040		1.00
										2M656060		1.50
	6 CYL	4.2 L	4228	258	1971-89		95.25	2.00	032 BF PC GI	656	6	STD
								2.00	126 RVT PC GI	656010		0.25
								4.75	860 FV CR	656020		0.50
									732 FV CR	656030		0.75
										656040		1.00
										656060		1.50
									362 BF 3CR GI	2C656	6	STD
									126 RVT PC GI	2C656010		0.25
									860 FV CR	2C656020		0.50
									732 FV CR	2C656030		0.75
										2C656040		1.00
										2C656060		1.50
									327 BF PM GI	2M656	6	STD
									126 RVT PC GI	2M656010		0.25
									860 FV CR	2M656020		0.50
									732 FV CR	2M656030		0.75
										2M656040		1.00
										2M656060		1.50
	8 CYL	4.7 L	4703	287	1963-66		95.25	2.00	032 BF PC GI	568	8	STD
								2.00	126 RVT PC GI	568010		0.25
								4.75	860 FV CR	568020		0.50
									732 FV CR	568030		0.75
										568040		1.00
										568060		1.50
										568080		2.00
										568100		2.50
									363 BF CR GI	2C568	8	STD
									126 RVT PC GI	2C568010		0.25
									860 FV CR	2C568020		0.50
									732 FV CR	2C568030		0.75
										2C568040		1.00
										2C568060		1.50
									327 BF PM GI	2M568	8	STD
									126 RVT PC GI	2M568010		0.25
									860 FV CR	2M568020		0.50
									732 FV CR	2M568030		0.75
										2M568040		1.00
										2M568060		1.50
										2M568080		2.00
										2M568100		2.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
AMERICAN MOTORS												
	8 CYL	4.8 L	4752	290	1966-69		95.25	2.00	032 BF PC GI	568	8	STD
								2.00	126 RVT PC GI	568010		0.25
								4.75	860 FV CR	568020		0.50
									732 FV CR	568030		0.75
										568040		1.00
										568060		1.50
										568080		2.00
										568100		2.50
									363 BF CR GI	2C568	8	STD
									126 RVT PC GI	2C568010		0.25
									860 FV CR	2C568020		0.50
									732 FV CR	2C568030		0.75
										2C568040		1.00
										2C568060		1.50
									327 BF PM GI	2M568	8	STD
									126 RVT PC GI	2M568010		0.25
									860 FV CR	2M568020		0.50
									732 FV CR	2M568030		0.75
										2M568040		1.00
										2M568060		1.50
										2M568080		2.00
										2M568100		2.50
	8 CYL	5.0 L	4982	304	1970-79		95.25	2.00	032 BF PC GI	568	8	STD
								2.00	126 RVT PC GI	568010		0.25
								4.75	860 FV CR	568020		0.50
									732 FV CR	568030		0.75
										568040		1.00
										568060		1.50
										568080		2.00
										568100		2.50
									363 BF CR GI	2C568	8	STD
									126 RVT PC GI	2C568010		0.25
									860 FV CR	2C568020		0.50
									732 FV CR	2C568030		0.75
										2C568040		1.00
										2C568060		1.50
									327 BF PM GI	2M568	8	STD
									126 RVT PC GI	2M568010		0.25
									860 FV CR	2M568020		0.50
									732 FV CR	2M568030		0.75
										2M568040		1.00
										2M568060		1.50
										2M568080		2.00
										2M568100		2.50
	4 CYL	2.5 L	2458	150	1983-92		98.43	2.00	032 BF PC GI	665	4	STD
								2.00	126 RVT PC GI	665010		0.25
								4.75	860 FV CR	665020		0.50
									732 FV CR	665030		0.75
										665040		1.00
										665060		1.50
									362 BF 3CR GI	2C665	4	STD
									126 RVT PC GI	2C665010		0.25
									860 FV CR	2C665020		0.50
									732 FV CR	2C665030		0.75
										2C665040		1.00
										2C665060		1.50
									327 BF PM GI	2M665	4	STD
									126 RVT PC GI	2M665010		0.25
									860 FV CR	2M665020		0.50
									732 FV CR	2M665030		0.75
										2M665040		1.00
										2M665060		1.50
										2M665080		2.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
AMERICAN MOTORS												
	6 CYL	4.0 L	3966	242	1986-89		98.43	2.00	032 BF PC GI	667	6	STD
								2.00	126 RVT PC GI	667010		0.25
								4.75	860 FV CR	667020		0.50
									732 FV CR	667030		0.75
										667040		1.00
										667060		1.50
										667080		2.00
									362 BF 3CR GI	2C667	6	STD
									126 RVT PC GI	2C667010		0.25
									860 FV CR	2C667020		0.50
									732 FV CR	2C667030		0.75
										2C667040		1.00
										2C667060		1.50
										2C667080		2.00
									327 BF PM GI	2M667	6	STD
									126 RVT PC GI	2M667010		0.25
									860 FV CR	2M667020		0.50
									732 FV CR	2M667030		0.75
										2M667040		1.00
										2M667060		1.50
										2M667080		2.00
	4 CYL	2.5 L	2474	151	1982-88	Deep Oil Ring Grv.	101.60	1.60	032 BF PC GI	4366	4	STD
								2.00	126 RVT PC GI	4366020		0.50
								4.75	860 FV CR	4366030		0.75
									732 FV CR	4366040		1.00
										4366060		1.50
									362 BF 3CR GI	2C4366	4	STD
									126 RVT PC GI	2C4366020		0.50
									860 FV CR	2C4366030		0.75
									732 FV CR	2C4366040		1.00
										2C4366060		1.50
									327 BF PM GI	2M4366	4	STD
									126 RVT PC GI	2M4366020		0.50
									860 FV CR	2M4366030		0.75
									732 FV CR	2M4366040		1.00
										2M4366060		1.50
	4 CYL	2.5 L	2474	151	1980-81	Shallow Oil Ring Grv.	101.60	2.00	032 BF PC GI	5630	4	STD
								2.00	126 RVT PC GI	5630020		0.50
								4.75	872 FV CR	5630030		0.75
									732 FV CR	5630040		1.00
									362 BF 3CR GI	2C5630	4	STD
									126 RVT PC GI	2C5630020		0.50
									872 FV CR	2C5630030		0.75
									732 FV CR	2C5630040		1.00
										2C5630060		1.50
									397 BF PM S	2M5630	4	STD
									126 RVT PC GI	2M5630020		0.50
									872 FV CR	2M5630030		0.75
									732 FV CR	2M5630040		1.00
	4 CYL	2.5 L	2474	151	1982-88	Shallow Oil Ring Grv.	101.60	1.60	032 BF PC GI	5663	4	STD
								2.00	126 RVT PC GI	5663020		0.50
								4.75	872 FV CR	5663030		0.75
									732 FV CR	5663040		1.00
										5663060		1.50
									362 BF 3CR GI	2C5663	4	STD
									126 RVT PC GI	2C5663020		0.50
									872 FV CR	2C5663030		0.75
									732 FV CR	2C5663040		1.00
										2C5663060		1.50
									327 BF PM GI	2M5663	4	STD
									126 RVT PC GI	2M5663020		0.50
									872 FV CR	2M5663030		0.75
									732 FV CR	2M5663040		1.00
										2M5663060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
AMERICAN MOTORS												
	8 CYL	5.4 L	5359	327	1957-66	Rebel 5730, Rambler Ambassador	101.60	2.00	032 BF PC GI	139	8	STD
								2.00	126 RVT PC GI	139010		0.25
								4.75	860 FV CR	139020		0.50
									732 FV CR	139030		0.75
										139040		1.00
										139060		1.50
										139070		1.75
										139080		2.00
										139100		2.50
									362 BF 3CR GI	2C139	8	STD
									126 RVT PC GI	2C139010		0.25
									860 FV CR	2C139020		0.50
									732 FV CR	2C139030		0.75
										2C139040		1.00
										2C139060		1.50
										2C139070		1.75
										2C139080		2.00
									397 BF PM S	2M139	8	STD
									126 RVT PC GI	2M139005		0.13
									860 FV CR	2M139010		0.25
									732 FV CR	2M139020		0.50
										2M139030		0.75
										2M139040		1.00
										2M139060		1.50
										2M139070		1.75
										2M139080		2.00
										2M139100		2.50
	4 CYL	2.5 L	2474	151	1980	Deep Oil Ring Grv.	101.60	2.00	032 BF PC GI	5570	4	STD
								2.00	126 RVT PC GI	5570020		0.50
								4.75	860 FV CR	5570030		0.75
									732 FV CR	5570040		1.00
										5570060		1.50
									362 BF 3CR GI	2C5570	4	STD
									126 RVT PC GI	2C5570020		0.50
									860 FV CR	2C5570030		0.75
									732 FV CR	2C5570040		1.00
										2C5570060		1.50
									397 BF PM S	2M5570	4	STD
									126 RVT PC GI	2M5570020		0.50
									860 FV CR	2M5570030		0.75
									732 FV CR	2M5570040		1.00
										2M5570060		1.50
										2M5570065		1.63
	8 CYL	5.6 L	5621	343	1967-69		103.63	2.00	032 BF PC GI	693	8	STD
								2.00	126 RVT PC GI	693020		0.50
								4.75	860 FV CR	693030		0.75
									732 FV CR	693040		1.00
										693060		1.50
									362 BF 3CR GI	2C693	8	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
									327 BF PM GI	2M693	8	STD
									126 RVT PC GI	2M693020		0.50
									860 FV CR	2M693030		0.75
									732 FV CR	2M693040		1.00
										2M693060		1.50
	8 CYL	5.9 L	5899	360	1970-79		103.63	2.00	032 BF PC GI	693	8	STD
								2.00	126 RVT PC GI	693020		0.50
								4.75	860 FV CR	693030		0.75
									732 FV CR	693040		1.00
										693060		1.50
									362 BF 3CR GI	2C693	8	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
									327 BF PM GI	2M693	8	STD
									126 RVT PC GI	2M693020		0.50
									860 FV CR	2M693030		0.75
									732 FV CR	2M693040		1.00
										2M693060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
AMERICAN MOTORS												
	8 CYL	6.4 L	6391	390	1968-70		105.79	2.00	032 BF PC GI	672	8	STD
								2.00	126 RVT PC GI	672030		0.75
								4.75	860 FV CR	672040		1.00
									732 FV CR			
									362 BF 3CR GI	2C672	8	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
									327 BF PM GI	2M672	8	STD
									126 RVT PC GI	2M672030		0.75
									860 FV CR	2M672040		1.00
									732 FV CR			
	8 CYL	6.6 L	6571	401	1971-76		105.79	2.00	032 BF PC GI	672	8	STD
								2.00	126 RVT PC GI	672030		0.75
								4.75	860 FV CR	672040		1.00
									732 FV CR			
									362 BF 3CR GI	2C672	8	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
									327 BF PM GI	2M672	8	STD
									126 RVT PC GI	2M672030		0.75
									860 FV CR	2M672040		1.00
									732 FV CR			
	8 CYL	6.6 L	6571	401	1971-74	Performance Eng.	105.79	1.60	336 T PM DI	2M5542	8	STD
								1.60	126 RVT PC GI	2M5542030		0.75
								4.75	622 FV CR	2M5542045		1.13
									732 FV CR	2M5542065		1.63
AUDI												
HB, HC, HD	4 CYL	1.1 L	1093		1974-80	1000, 50GL, 50LS	69.50	1.75	362 BF 3CR GI	2C4484	4	STD
								2.50	401 SCRP PC GI	2C4484010		0.25
								4.00	055 FV CR	2C4484020		0.50
									732 FV CR			
HB, HC, HD	4 CYL	1.1 L	1093		1974-80	1000, 50GL, 50LS	69.50	1.75	032 BF PC GI	6192	4	STD
								2.00	401 SCRP PC GI	6192020		0.50
								4.00	055 FV CR	6192040		1.00
									732 FV CR			
									362 BF 3CR GI	2C6192	4	STD
									401 SCRP PC GI	2C6192010		0.25
									055 FV CR	2C6192020		0.50
									732 FV CR	2C6192030		0.75
										2C6192040		1.00
CBZA, CBZB, CJZA	4 CYL	1.2 L	1197		2010-18	A1, A3	71.00	1.20	322 BF GN SS	2N4126	4	STD
								1.20	236 TF CR DI	2N412625		0.25
								2.00	987 FV GN SS	2N412650		0.50
									714 GN SS			
CHZB, CHZD, CHZE	3 CYL	1.0 L	999		2015-On	A1, A3	74.50	1.20	322 BF GN SS	2N5312	1	STD
								1.20	275 TF CR DI			
								2.00	990N FV GN			
									714 GN SS			
CMBA, CPTA, CPWA, CXSA, CXSB, CZCA, CZDA, CZEA EA211	4 CYL	1.4 L	1395		2012 On	A1, A3, Q2, Q3	74.50	1.20	322 BF GN SS	2N5312	1	STD
								1.20	275 TF CR DI			
								2.00	990N FV GN			
									714 GN SS			
	4 CYL	1.0 L	1043		1987-On	80, G40	75.00	1.75	362 BF 3CR GI	2C5086	4	STD
								2.00	401 SCRP PC GI	2C5086020		0.50
								3.00	054 FV CR	2C5086040		1.00
									732 FV CR			
EP	4 CYL	1.3 L	1297		1978-88	80, 80L	75.00	1.50	032 BF PC GI	4693	4	STD
								1.75	401 SCRP PC GI	4693020		0.50
								3.00	054 FV CR	4693030		0.75
									732 FV CR	4693040		1.00
									363 BF CR GI	2C4693	4	STD
									401 SCRP PC GI	2C4693020		0.50
									054 FV CR	2C4693030		0.75
									732 FV CR	2C4693040		1.00
ZA, ZF	4 CYL	1.3 L	1297		1972-79	80	75.00	2.00	032 BF PC GI	4360	4	STD
								2.50	401 SCRP PC GI	4360020		0.50
								4.00	056 FV CR	4360040		1.00
									732 FV CR			
									362 BF 3CR GI	2C4360	4	STD
									401 SCRP PC GI	2C4360010		0.25
									056 FV CR	2C4360020		0.50
									732 FV CR	2C4360030		0.75
										2C4360040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
AUDI												
BLG, BMY, BMY,CAVA CAVB, CAVC, CAVD, CAVE, CNWA, CNWB CTHA, CTHE	4 CYL	1.4 L	1390		2011-on	A1 1.4 TFSI Turbo Intercooled	76.50	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C5391 2C5391020	4	STD 0.50
									322 BF GN SS 126 RVT PC GI 987 FV GN SS 714 GN SS	2N5391 2N539125 2N539150	4	STD 0.25 0.50
	4 CYL	1.5 L	1471		1972-80	Fox, 80GL	76.50	2.00 2.50 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	4282 4282020 4282030 4282040	4	STD 0.50 0.75 1.00
									363 BF CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C4282 2C4282010 2C4282020 2C4282030 2C4282040	4	STD 0.25 0.50 0.75 1.00
CR, CY, JK RA, SB	5 CYL	1.6 L	1588		1978-91	4000D Turbo Diesel	76.50	1.75 2.00 3.00	215 TBF CR DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2C7148 2C714850 2C7148100	1	STD 0.50 1.00
CN	5 CYL	2.0 L	1986		1978-90	100 Diesel	76.50	1.75 2.00 3.00	362 BF 3CR GI 401 SCRP PC GI 204 CF CR DI 881 2PCO	2D4498 2D449825 2D449850 2D449875 2D4498100	5	STD 0.25 0.50 0.75 1.00
DE, NC	5 CYL	2.0 L	1986		1978-89	4000D Turbo Diesel	76.50	1.75 2.00 3.00	215 TBF CR DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2C7148 2C714850 2C7148100	1	STD 0.50 1.00
CAXA, CAXC, CMSA, CNVA	4 CYL	1.4 L	1390		2006-13	TFSI TURBO A1, A3	76.50	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C5438 2C543850	4	STD 0.50
									322 BF GN SS 126 RVT PC GI 993 FV CR 005 FV CR	2N5438 2N543825 2N543850	4	STD 0.25 0.50
BAG, BLF, BLP	4 CYL	1.6 L	1598		2004-08	FSI A3	76.50	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C5438 2C543850	4	STD 0.50
									322 BF GN SS 126 RVT PC GI 993 FV CR 005 FV CR	2N5438 2N543825 2N543850	4	STD 0.25 0.50
BCZ, BDG, BDH, BFC DOHC TDi	6 CYL	2.5 L	2496		2000-06	Turbo Diesel	78.30	1.75 2.00 3.00	205 BF CR DI 214 RVT PC DI 204 CF CR DI 881 2PCO	2D7284	1	STD
AMF, ATL, BHC	3 CYL	1.4 L	1422		2000-05	A2 TDI Diesel	79.50	1.75 2.00 3.00	205 BF CR DI 126 RVT PC GI 204 CF CR DI 881 2PCO	2D5854 2D585425 2D585450 2D5854100	1	STD 0.25 0.50 1.00
	4 CYL	1.6 L	1588		1973-75	Fox 80GT, 100L	79.50	2.00 2.50 5.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	4304 4304020 4304040	4	STD 0.50 1.00
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4304 2C4304020	4	STD 0.50
049	4 CYL	1.6 L	1588		1975-80	4000, FOX	79.50	1.75 2.50 5.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6118 6118020 6118030 6118040	4	STD 0.50 0.75 1.00
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6118 2C6118020 2C6118040	4	STD 0.50 1.00
1Y, 1Z, AAZ, ADE, AFF, AFN, AGR, AHF AHH, AHU, AJM, ALH, ANU, ASV, ASZ, ATD, ATJ, AVB, AVF, AVG, AWX, AXR,BKC, BKE, BLS, BRB, BXE	4 CYL	1.9 L	1896		1989-10	A3, A4, A6,Avant, Quattro, Sportback Diesel	79.50	1.75 2.00 3.00	205 BF CR DI 126 RVT PC GI 204 CF CR DI 881 2PCO	2D5854 2D585425 2D585450 2D5854100	1	STD 0.25 0.50 1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
AUDI												
WH, WN	4 CYL	1.9 L	1921		1980-84	80, 100 Avant	79.50	1.75	032 BF PC GI	4490	4	STD
								2.00	126 RVT PC GI	4490010		0.25
								4.00	056 FV CR	4490020		0.50
									732 FV CR	4490030		0.75
										4490040		1.00
										4490060		1.50
									363 BF CR GI	2C4490	4	STD
									126 RVT PC GI	2C4490010		0.25
									056 FV CR	2C4490020		0.50
									732 FV CR	2C4490030		0.75
										2C4490040		1.00
										2C4490060		1.50
									327 BF PM GI	2M4490	4	STD
									126 RVT PC GI	2M4490010		0.25
									056 FV CR	2M4490020		0.50
									732 FV CR	2M4490030		0.75
										2M4490040		1.00
										2M4490060		1.50
WH, WN	4 CYL	1.9 L	1921		1980-84	80, 100 Avant	79.50	1.75	032 BF PC GI	4490	4	STD
								2.00	126 RVT PC GI	4490010		0.25
								4.00	056 FV CR	4490020		0.50
									732 FV CR	4490030		0.75
										4490040		1.00
										4490060		1.50
									363 BF CR GI	2C4490	4	STD
									126 RVT PC GI	2C4490010		0.25
									056 FV CR	2C4490020		0.50
									732 FV CR	2C4490030		0.75
										2C4490040		1.00
										2C4490060		1.50
									327 BF PM GI	2M4490	4	STD
									126 RVT PC GI	2M4490010		0.25
									056 FV CR	2M4490020		0.50
									732 FV CR	2M4490030		0.75
										2M4490040		1.00
										2M4490060		1.50
KE,KF, KK, KL, WB, WC, WD, WE,WG	5 CYL	2.1 L	2144		1977-84	80 quattro,Coupe 2.1GT, 100 Avant	79.50	1.75	363 BF CR GI	2C6145	5	STD
								2.00	126 RVT PC GI	2C6145020		0.50
								4.00	056 FV CR			
									732 FV CR			
3D, AAS	5 CYL	2.4 L	2370		1989-94	100, Avant, Transporter Diesel	79.50	1.75	205 BF CR DI	2D5854	1	STD
								2.00	126 RVT PC GI	2D585425		0.25
								3.00	204 CF CR DI	2D585450		0.50
									881 2PCO	2D5854100		1.00
	4 CYL					60, 72, 80 Valiant	80.00	2.00	032 BF PC GI	6113	4	STD
								2.50	401 SCRP PC GI			
								5.00	871 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C6113	4	STD
									401 SCRP PC GI			
									871 FV CR			
									732 FV CR			
	4 CYL	1.6 L	1588			A4	81.00	1.50	032 BF PC GI	4683	4	STD
								1.50	126 RVT PC GI	4683020		0.50
								3.00	054 FV CR	4683030		0.75
									732 FV CR	4683040		1.00
									335 T PM DI	2M4683	4	STD
									126 RVT PC GI	2M4683010		0.25
									054 FV CR	2M4683020		0.50
									732 FV CR	2M4683030		0.75
										2M4683040		1.00
									322 BF GN SS	2N4683	4	STD
									126 RVT PC GI	2N468325		0.25
									987 FV GN SS	2N468350		0.50
									714 GN SS	2N468375		0.75
ALZ, ANA, AVU, BFQ, BGU, BSE, BSF, CCSA	4 CYL	1.6 L	1595		1994-12	A3, A4	81.00	1.00	398 BF CR S	2C4590	4	STD
								1.20	126 RVT PC GI	2C4590020		0.50
								2.00	993 FV CR	2C4590040		1.00
									005 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
AUDI												
ABM, ADA, DT, DTA, JU, PP, RN, SA	4 CYL	1.6 L	1595		1979-96	80	81.00	1.50	032 BF PC GI	4341	4	STD
								1.75	126 RVT PC GI	4341010		0.25
								3.00	054 FV CR	4341020		0.50
									732 FV CR	4341030		0.75
										4341040		1.00
									362 BF 3CR GI	2C4341	4	STD
									126 RVT PC GI	2C4341010		0.25
									054 FV CR	2C4341020		0.50
									732 FV CR	2C4341030		0.75
										2C4341040		1.00
									335 T PM DI	2M4341	4	STD
									126 RVT PC GI	2M4341010		0.25
									054 FV CR	2M4341020		0.50
									732 FV CR	2M4341030		0.75
										2M4341040		1.00
ADR, AEB, AFY, AJL, ARK, AGN, AGU, AJP, AJQ, ARH, AMB, ANB, APT, APG, APP, APU, AQA, AQE, ARK, BAM, AUL, APY, APX, AMU, AMK	4 CYL	1.8 L	1781		1995-09	A3, A4, A6, TT Turbo A3, S3, TT Quattro	81.00	1.50	032 BF PC GI	4923	4	STD
								1.75	126 RVT PC GI	4923020		0.50
								2.00	993 FV CR			
									005 FV CR			
									335 T PM DI	2M4923	4	STD
									126 RVT PC GI	2M4923020		0.50
									993 FV CR	2M4923030		0.75
									005 FV CR	2M4923040		1.00
DR, JN, MG, RU, SF	4 CYL	1.8 L	1781		1983-92	80, 100, Quatro, Coupe	81.00	1.50	032 BF PC GI	4341	4	STD
								1.75	126 RVT PC GI	4341010		0.25
								3.00	054 FV CR	4341020		0.50
									732 FV CR	4341030		0.75
										4341040		1.00
									362 BF 3CR GI	2C4341	4	STD
									126 RVT PC GI	2C4341010		0.25
									054 FV CR	2C4341020		0.50
									732 FV CR	2C4341030		0.75
										2C4341040		1.00
									335 T PM DI	2M4341	4	STD
									126 RVT PC GI	2M4341010		0.25
									054 FV CR	2M4341020		0.50
									732 FV CR	2M4341030		0.75
										2M4341040		1.00
CRBC, CRLB, CRBD, CRFA, CRFC, CUNA		2.0 L	1968		2012-on	A3 Tdi Turbo Diesel	81.00	1.75	363 BF CR GI	2C7487	1	STD
								2.00	130 RVT PC GI			
								2.00	203 CF GN SS			
									881 2PCO			
HP, JS, KP, PS, RT, SK, SL	5 CYL	2.0 L	1994		1984-92	20L 90, Quatro, Coupe	81.00	1.50	335 T PM DI	2D4541	5	STD
								1.70	126 RVT PC GI	2D454150		0.50
								3.00	553 CF CR GI	2D454175		0.75
									881 2PCO			
BDK, BLB, BMM, BNA BPW,BRD, BVA, BVF, BVG	4 CYL	2.0 L	1968		2003-07	A3, A4 SOHC TDi Turbo Diesel	81.00	1.75	205 BF CR DI	2D7282	1	STD
								2.00	130 RVT PC GI	2D728250		0.50
								3.00	204 CF CR DI			
									881 2PCO			
1B, 2B, HX, HY, JT, KM, KU,KZ, MC, RR,KV, KX,	5 CYL	2.2 L	2226		1982-92	80, 90, 100, 200, Avant, Quatro	81.00	1.50	335 T PM DI	2D4541	5	STD
								1.70	126 RVT PC GI	2D454150		0.50
								3.00	553 CF CR GI	2D454175		0.75
									881 2PCO			
BDW	6 CYL	2.4 L	2393		2004-08	A6, A6 Avant	81.00	1.20	322 BF GN SS	2N4097	6	STD
								1.50	406 N PC DI	2N409725		0.25
								2.00	203 CF GN SS	2N409750		0.50
									881 2PCO			
BDV, AML, AGA, AJG, APC, APS, ASM, ARN AMM, ALW, ALF	6 CYL	2.4 L	2400		1997-03	A4, A6 Turbo Diesel	81.00	1.50	327 BF PM GI	2D5020	6	STD
								1.50	401 SCRP PC GI			
								2.00	203 CF GN SS			
									881 2PCO			
AAT, ABP, AEL	5 CYL	2.5 L	2461		1990-97	TDi Avant, Estate Turbo Diesel	81.00	2.50	212 TBF CC DI	2D7476	1	STD
								2.00	130 RVT PC GI	2D747650		0.50
								3.00	204 CF CR DI			
									881 2PCO			
APB, BEL	6 CYL	2.7 L	2700		2000-05	A6 Quattro incl. turbo	81.00	1.50	335 T PM DI	2M4584	6	STD
								1.75	126 RVT PC GI	2M4584020		0.50
								2.00	993 FV CR	2M4584030		0.75
									005 FV CR	2M4584040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
AUDI												
AAD, ABA, ABK, ADY DOHC	4 CYL	2.0 L	1984		2005-12	A4, A5, Q5	82.50	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 934 FV CR 935 FV CR	2C4639 2C4639010 2C4639020 2C4639030 2C4639040	4	STD 0.25 0.50 0.75 1.00
									322 BF GN SS 406 N PC DI 987 FV GN SS 714 GN SS	2N4639 2N463925 2N463950	4	STD 0.25 0.50
CDN DOHC	4 CYL	2.0 L	1984			L4 Turbo	82.50	1.00 1.20 1.50	398 BF CR S 126 RVT PC GI 981 FV CR 005 FV CR	2C5382 2C5382020	4	STD 0.50
7A	5 CYL	2.3 L	2309		1988-91	90, Coupe, Quattro w/1.2mm top grv.	82.50	1.20 1.75 3.00	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4563 2C4563010 2C4563020	1	STD 0.25 0.50
7A	5 CYL	2.3 L	2309		1988-91	90, Coupe, Quattro w/1.5mm top grv.	82.50	1.50 1.75 3.00	362 BF 3CR GI 126 RVT PC GI 997 FV CR 732 FV CR	2C4927 2C4927010 2C4927020 2C4927040	1	STD 0.25 0.50 1.00
AVK, BGN, ATQ, AHA	6 CYL	2.8 L	2771		1996-03	Cabriolet, Quattro	82.50	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 934 FV CR 935 FV CR	2C4924 2C4924020 2C4924030 2C4924040	6	STD 0.50 0.75 1.00
	6 CYL	3.0 L	3000		2001-06		82.50	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 934 FV CR 935 FV CR	2C4924 2C4924020 2C4924030 2C4924040	6	STD 0.50 0.75 1.00
CDAA, CDHA, CDHB, CJEB, CJSA, CJSB,	4 CYL	1.8 L	1798		2005-15	TSI	82.50	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR S 005 FV CR	2C5385 2C538550	4	STD 0.50
									322 BF GN SS 406 N PC DI 248 CF CR 881 2PCO	2N5385 2N538550	4	STD 0.50
ALT, AWA, AWX, AXX, BBJ, BLR, BLX, BLY, BMB, BPJ, BPY, BVY, BVZ, BWA, BYK	4 CYL	2.0 L	1984		2003-10	A3, A4, A6	82.50	1.20 1.50 2.00	322 BF GN SS 406 N PC DI 248 CF CR 881 2PCO	2N4144	1	STD
CAEA, CAEB, CAED, CAWB,CBFA, CCTA, CCZA,CDNA, CDNC, CESA, CETA, CFKA,CHHB, CJKA, CJXB, CJXC,CNCB, CNCD, CNCE, CPMA, CPMB, CPSA, CYFB, CYNB,CYPA, CYPB CYNB,CYPA, CYPB	4 CYL	2.0 L	1984		2005-15	TSI	82.50	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR S 005 FV CR	2C5385 2C538550	4	STD 0.50
									322 BF GN SS 406 N PC DI 248 CF CR 881 2PCO	2N5385 2N538550	4	STD 0.50
ASN	6 CYL	3.0 L	2976		2005-10	A4, A6, A8	82.50	1.20 1.50 2.00	322 BF GN SS 406 N PC DI 248 CF CR 881 2PCO	2N4144	1	STD
CAND, CASB, CATA, CDYB DOHC	6 CYL	3.0 L	2967		2005-12	A6, Q7 Diesel Eng	83.00	2.00 2.00 3.00	239 BF CC DI 123 RVT PC DI 204 CF CR DI 881 2PCO	2D7435 2D743525 2D743550	1	STD 0.25 0.50
CAMA, CAMB, CANA CANB, CANC, CAPA CGKA, CGKB	6 CYL	2.7 L	2698		2007-On	A4, A5, A6 Turbo Diesel	83.00	1.75 2.00 3.00	239 BF CC DI 123 RVT PC DI 204 CF CR DI 881 2PCO	2D7534 2D753425 2D753450	6	STD 0.25 0.50
CAPA, CASA, CCLA CCMA, CCWA, CCWB CDYA, CDYC	6 CYL	3.0 L	2967		2007-11	A4, A5, Q5, Q7 Turbo Diesel	83.00	1.75 2.00 3.00	239 BF CC DI 123 RVT PC DI 204 CF CR DI 881 2PCO	2D7534 2D753425 2D753450	6	STD 0.25 0.50
WA	4 CYL	2.0 L	1984		1977-80	100, 100 Avant	86.50	2.00 2.50 5.00	032 BF PC GI 126 RVT PC GI 871 FV CR 732 FV CR	4466 4466020 4466040 4466060	4	STD 0.50 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 871 FV CR 732 FV CR	2C4466 2C4466010 2C4466020 2C4466040 2C4466060	4	STD 0.25 0.50 1.00 1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
AUDI												
BHK	6 CYL	3.6 L	3597		2006-10	Q7	89.00	1.20	398 BF CR S	2C4204	6	STD
								1.50	126 RVT PC GI			
								2.00	991 FV CR			
									005 FV CR			
AUSTIN ROVER												
99H	4 CYL	1.0 L	998		1968-80	Austin Mini Cooper	64.57	1.60	032 BF PC GI	6742	4	STD
								1.60	032 BF PC GI	6742010		0.25
								1.60	401 SCRP PC GI	6742020		0.50
								3.18	716 FV	6742030		0.75
									710 FV CR	6742040		1.00
										6742060		1.50
										6742080		2.00
										6742100		2.50
										6742120		3.00
									362 BF 3CR GI	2C6742	4	STD
									032 BF PC GI	2C6742010		0.25
									401 SCRP PC GI	2C6742020		0.50
									710 FV CR	2C6742030		0.75
									732 FV CR	2C6742040		1.00
										2C6742060		1.50
ADO16, 10F	4 CYL	1.1 L	1098		1963-70	Healy Sprite MK III, Mark II, 1100	64.57	1.60	032 BF PC GI	6742	4	STD
								1.60	032 BF PC GI	6742010		0.25
								1.60	401 SCRP PC GI	6742020		0.50
								3.18	716 FV	6742030		0.75
									710 FV CR	6742040		1.00
										6742060		1.50
										6742080		2.00
										6742100		2.50
										6742120		3.00
									362 BF 3CR GI	2C6742	4	STD
									032 BF PC GI	2C6742010		0.25
									401 SCRP PC GI	2C6742020		0.50
									710 FV CR	2C6742030		0.75
									732 FV CR	2C6742040		1.00
										2C6742060		1.50
	4 CYL	1.0 L	998		1968-On	Metro L, H, LE 1000 Mini 1000, MKII	64.58	1.60	032 BF PC GI	4732	4	STD
								1.60	401 SCRP PC GI	4732020		0.50
								1.60	401 SCRP PC GI	4732030		0.75
								4.00	058 FV CR	4732040		1.00
									732 FV CR			
	4 CYL	1.3 L	1275		1980-On	Metro, MG Turbo, Allegro , Morris Ital., HL/HLS	70.61	1.60	102 T PC GI	4731	4	STD
								1.60	102 T PC GI	4731020		0.50
								4.00	058 FV CR	4731030		0.75
									732 FV CR	4731040		1.00
12G, 12Y	4 CYL	1.3 L	1275		1960-80	Midget, MK III, Morris, Healy Sprite, Mark IV	70.61	1.60	102 T PC GI	6802	4	STD
								1.60	102 T PC GI	6802020		0.50
								1.60	102 T PC GI	6802030		0.75
								4.00	058 FV CR	6802040		1.00
									732 FV CR	6802060		1.50
									362 BF 3CR GI	2C6802	4	STD
									102 T PC GI	2C6802020		0.50
									102 T PC GI	2C6802030		0.75
									058 FV CR	2C6802040		1.00
									732 FV CR	2C6802060		1.50
18G, ADO17	4 CYL	1.8 L	1798		1964-On	1800 Mark I & II, MG MGB	80.26	1.60	102 T PC GI	6738	4	STD
								1.60	102 T PC GI	6738030		0.75
								1.60	102 T PC GI	6738040		1.00
								4.00	056 FV CR			
									732 FV CR			
18V	4 CYL	1.8 L	1798		1972-76	Austin Marina GT, MG MGB, MGB/GT, 1800 MKII, III	80.26	1.60	102 T PC GI	9526	4	STD
								1.60	102 T PC GI	9526030		0.75
								4.00	056 FV CR	9526040		1.00
									732 FV CR			
	4 CYL	1.8 L	1798		1964-73	Marina, GT 1800 Mark I & II Mark II S	80.26	1.60	102 T PC GI	6738	4	STD
								1.60	102 T PC GI	6738030		0.75
								1.60	102 T PC GI			
								4.00	056 FV CR			
									732 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
BENDIX												
	2 CYL					U 7 1/4 cu. ft. 2UE,	52.39	3.18	401 SCRP PC GI	8266	2	STD
						TU-FLO 400		3.18	401 SCRP PC GI	8266010		0.25
						w/o Oil Ring		3.18	401 SCRP PC GI	8266020		0.50
								3.18	401 SCRP PC GI	8266030		0.75
	2 CYL					12 cu. ft. Type E	63.50	3.18	126 RVT PC GI	268	2	STD
								3.18	126 RVT PC GI	268010		0.25
								3.18	126 RVT PC GI	268020		0.50
								3.18	126 RVT PC GI	268030		0.75
								3.18	126 RVT PC GI			
	2 CYL					TU-FLO 500, 17L2, F12,	63.50	2.38	126 RVT PC GI	7887	1	STD
						Type E		2.38	126 RVT PC GI	7887010		0.25
						w/o oil rings		3.18	126 RVT PC GI	7887020		0.50
								2.38	126 RVT PC GI	7887030		0.75
								3.18	126 RVT PC GI			
	2 CYL					TU-FLO 501	66.68	2.38	126 RVT PC GI	4457	2	STD
								2.38	126 RVT PC GI	4457020		0.50
								4.75	871 FV CR	4457030		0.75
									732 FV CR			
	2 CYL					TU-FLO 501	66.68	2.38	126 RVT PC GI	4465	2	STD
						5 Ring Piston		2.38	126 RVT PC GI	4465010		0.25
								4.75	501 1PCO PC GI	4465020		0.50
									826 2PCO	4465030		0.75
								2.38	126 RVT PC GI			
								4.75	501 1PCO PC GI			
									826 2PCO			
	2 CYL					TU-FLO 501	66.68	2.38	126 RVT PC GI	4469	2	STD
								2.38	126 RVT PC GI	4469020		0.50
								4.75	871 FV CR	4469030		0.75
									732 FV CR	4469040		1.00
								4.75	126 RVT PC GI			
								4.75	126 RVT PC GI			
	2 CYL					TU-FLO 501, 16.2, L2	66.68	2.38	126 RVT PC GI	7888	1	STD
						w/cast oil ring		2.38	126 RVT PC GI	7888010		0.25
								4.75	501 1PCO PC GI	7888020		0.50
										7888030		0.75
	2 CYL					TU-FLO 600, TU-FLO 700	69.85	2.38	126 RVT PC GI	6008	2	STD
						3 Ring Piston		2.38	126 RVT PC GI	6008010		0.25
								4.75	871 FV CR	6008020		0.50
									732 FV CR	6008030		0.75
	2 CYL					TU-FLO 600, TU-FLO 700	69.85	2.38	126 RVT PC GI	6009	2	STD
						5 Ring Piston		2.38	126 RVT PC GI	6009030		0.75
								2.38	126 RVT PC GI			
								4.75	871 FV CR			
									732 FV CR			
								4.75	501 1PCO PC GI			
	2 CYL					TU-FLO 550, TU-FLO 750	70.61	2.38	102 T PC GI	4967	2	STD
								2.38	102 T PC GI	4967010		0.25
								4.75	870 FV CR	4967020		0.50
									732 FV CR	4967030		0.75
								2.38	126 RVT PC GI	4967040		1.00
								4.75	501 1PCO PC GI			
	1 CYL					Model 159	75.00	2.00	102 T PC GI	5030	1	STD
								2.00	401 SCRP PC GI			
								4.00	058 FV CR			
									732 FV CR			
	1 CYL					TU-FLO 850	80.00	3.00	102 T PC GI	4964	1	STD
								3.00	102 T PC GI			
								3.00	401 SCRP PC GI			
								4.00	058 FV CR			
									732 FV CR			
	1 CYL					Model 190	80.00	1.50	102 T PC GI	5032	1	STD
								1.50	102 T PC GI	5032020		0.50
								3.00	054 FV CR			
									732 FV CR			
BMW												
1ND, 1ND-TV	4 CYL	1.4 L	1364		2003-06	Mini One D	73.00	1.50	239 BF CC DI	2D5856	1	STD
						Diesel Eng		1.50	218 TF PC DI			
								3.00	204 CF CR DI			
									881 2PCO			
W10B16A	4 CYL	1.6 L	1598		2001-07	MINI (R50, R53) One	77.00	1.20	398 BF CR S	2C5159	4	STD
						MINI (R50, R53) Cooper		1.20	126 RVT PC GI	2C5159020		0.50
						MINI Convertible (R52) One,		2.50	995 FV CR	2C5159040		1.00
						(R52) Cooper			732 FV CR			
N12 B16A, N14 B16A,	4 CYL	1.6 L	1598		2006-16	MINI Cooper R55,	77.00	1.20	398 BF CR S	2C4181	4	STD
N18B16A						R56, R59, R60		1.50	401 SCRP PC GI			
N13B16A						114i , 116i , 118i, 316i, 320i		2.00	993 FV CR			
									005 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
BMW												
M57 D25	6 CYL	2.5 L	2497		2000-04	525d Turbo Diesel	80.00	2.50 2.00 3.00	205 BF CR DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2D7412	1	STD
M20 B20	6 CYL	2.0 L	1900		1977-91	320i, 520i	80.00	1.50 2.00 3.50	102 T PC GI 126 RVT PC GI 055 FV CR 732 FV CR	4617 4617020 4617040	6	STD 0.50 1.00
									362 BF 3CR GI 126 RVT PC GI 055 FV CR 732 FV CR	2C4617 2C4617010 2C4617020 2C4617040	6	STD 0.25 0.50 1.00
M50 B (20 6 S1), M50 B20TU	6 CYL	2.0 L	1991		1990-99	320i, 520i	80.00	1.50 1.75 3.00	376 BF CR DI 406 N PC DI 200 CF PC GI 881 2PCO	2C4329	6	STD
M52B206S3, M22B206S1	6 CYL	2.0 L	1991		1992-94	320i, 520i, E36, E39, E46, Series 3	80.00	1.50 1.50 2.00	362 BF 3CR GI 126 RVT PC GI 993 FV CR 005 FV CR	2C4559	6	STD
M54B22, M54226S1	6 CYL	2.2 L	2171		2000-10	320i, 320 ci, 520i, Z3, Z4	80.00	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C4501	6	STD
M20 B23L	6 CYL	2.3 L	2315		1978-86	323i	80.00	1.50 2.00 3.50	102 T PC GI 126 RVT PC GI 055 FV CR 732 FV CR	4617 4617020 4617040	6	STD 0.50 1.00
									362 BF 3CR GI 126 RVT PC GI 055 FV CR 732 FV CR	2C4617 2C4617010 2C4617020 2C4617040	6	STD 0.25 0.50 1.00
M57 D25	6 CYL	2.5 L	2497		2000-04	Turbo Diesel	80.00	3.00 2.00 3.00	225 FKST CR DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2C7357	1	STD
N43 B16A, N52 B25	4 CYL	1.6 L	1599		2007-11	116i	82.00	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 993 FV CR S 005 FV CR	2C4108	6	STD
									322 BF GN SS 406 N PC DI 987 FV GN SS 714 GN SS	2N4108 2N410825 2N410850	1	STD 0.25 0.50
N52 B25, N52 B254, N52 B25C	6 CYL	2.5 L	2497		2001-12	325i, 525i, 523i, X3, Z4, 325xi, 525xi	82.00	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 993 FV CR S 005 FV CR	2C4108	6	STD
									322 BF GN SS 406 N PC DI 987 FV GN SS 714 GN SS	2N4108 2N410825 2N410850	1	STD 0.25 0.50
M43B16	4 CYL	1.6 L	1596		1987-93	E36, 316i w/1.5mm top grv.	84.00	1.50 1.50 2.00	032 BF PC GI 126 RVT PC GI 993 FV CR 005 FV CR	4557 4557020 4557040	2	STD 0.50 1.00
									362 BF 3CR GI 126 RVT PC GI 993 FV CR 005 FV CR	2C4557 2C4557020 2C4557040	2	STD 0.50 1.00
M40 B16, M40 B16C	4 CYL	1.6 L	1596		1987-94	316i	84.00	1.50 1.75 3.00	362 BF 3CR GI 401 SCRP PC GI 054 FV CR 732 FV CR	2C4762 2C4762010 2C4762020 2C4762030 2C4762040	6	STD 0.25 0.50 0.75 1.00
M40 B18	4 CYL	1.8 L	1795		1987-90	318i	84.00	1.50 1.75 3.00	362 BF 3CR GI 401 SCRP PC GI 054 FV CR 732 FV CR	2C4763 2C4763010 2C4763020 2C4763030 2C4763040	4	STD 0.25 0.50 0.75 1.00
M40B18E, M42B18, M43B16	4 CYL	1.8 L	1795		1991-05	318i w/1.2mm top grv.	84.00	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C4573 2C4573020 2C4573040	2	STD 0.50 1.00
									322 BF GN SS 406 N PC DI 987 FV GN SS 714 GN SS	2N4573 2N457325 2N457350	4	STD 0.25 0.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
BMW												
M42B18ME	4 CYL	1.8 L	1796		1995-96	318i, 518i, Z3 w/1.5mm top grv.	84.00	1.50 1.50 2.00	032 BF PC GI 126 RVT PC GI 993 FV CR 005 FV CR	4557 4557020 4557040	2	STD 0.50 1.00
									362 BF 3CR GI 126 RVT PC GI 993 FV CR 005 FV CR	2C4557 2C4557020 2C4557040	2	STD 0.50 1.00
M40 B18	4 CYL	1.8 L	1796		1987-95	318i, 518i	84.00	1.50 1.75 3.00	362 BF 3CR GI 401 SCRP PC GI 054 FV CR 732 FV CR	2C4762 2C4762010 2C4762020 2C4762030 2C4762040	6	STD 0.25 0.50 0.75 1.00
E46, M47	4 CYL	2.0 L	1951		1999-07	320d, 520d Turbo Diesel	84.00	3.00 2.00 3.00	221 FKST CC DI 406 N PC DI 203 CF GN SS 881 2PCO	2D7279 2D727925	1	STD 0.25
M52B25, M52B28GG, M54B25	6 CYL	2.5 L	2494		1992-05	325i, 328i, 525i w/1.2mm top grv.	84.00	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C4573 2C4573020 2C4573040	2	STD 0.50 1.00
									322 BF GN SS 406 N PC DI 987 FV GN SS 714 GN SS	2N4573 2N457325 2N457350	4	STD 0.25 0.50
M20 B25	6 CYL	2.5 L	2494		1983-95	325i, 525i, Z1	84.00	1.50 1.75 3.00	362 BF 3CR GI 401 SCRP PC GI 054 FV CR 732 FV CR	2C4762 2C4762010 2C4762020 2C4762030 2C4762040	6	STD 0.25 0.50 0.75 1.00
M20 B27	6 CYL	2.7 L	2693		1984-88	325e, 525e	84.00	1.50 2.00 4.00	102 T PC GI 401 SCRP PC GI 056 FV CR 732 FV CR	4340 4340010 4340020 4340030 4340040	6	STD 0.25 0.50 0.75 1.00
									362 BF 3CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C4340 2C4340010 2C4340020 2C4340030 2C4340040	6	STD 0.25 0.50 0.75 1.00
M50B25, M52B28	6 CYL	2.8 L	2793		1995-On	323i, 325i, 328i, 523i, 528i, 728i w/1.5mm top grv.	84.00	1.50 1.50 2.00	032 BF PC GI 126 RVT PC GI 993 FV CR 005 FV CR	4557 4557020 4557040	2	STD 0.50 1.00
									362 BF 3CR GI 126 RVT PC GI 993 FV CR 005 FV CR	2C4557 2C4557020 2C4557040	2	STD 0.50 1.00
M57	6 CYL	2.9 L	2926		1999-07	330d, 330xd, 530d, 730d Turbo Diesel	84.00	3.00 2.00 3.00	221 FKST CC DI 406 N PC DI 203 CF GN SS 881 2PCO	2D7279 2D727925	1	STD 0.25
M57 N306D2 Euro 4	6 CYL	3.0 L	2993		2002-On	330d, 330xd, 330Cd, 730d Turbo Diesel	84.00	2.50 2.00 3.00	217 BF CR DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2C7288	1	STD
M57 306D3, M57 D30(306D3), M57 N2306D3, M57 TU2D30 Euro 4	6 CYL	3.0 L	2993		2003-11	325d,325xd, 330d,525d, 525xd Turbo Diesel	84.00	2.50 2.00 2.00	205 BF CR DI 202 TTF PC DI 248 CF CR 881 2PCO	2D7374	1	STD
M60B30	8 CYL	3.0 L	2997		1992-05	730i w/1.2mm top grv.	84.00	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C4573 2C4573020 2C4573040	2	STD 0.50 1.00
									322 BF GN SS 406 N PC DI 987 FV GN SS 714 GN SS	2N4573 2N457325 2N457350	4	STD 0.25 0.50
M62B35C	8 CYL	3.5 L	3498		1995-On	535i, 735i w/1.5mm top grv.	84.00	1.50 1.50 2.00	032 BF PC GI 126 RVT PC GI 993 FV CR 005 FV CR	4557 4557020 4557040	2	STD 0.50 1.00
									362 BF 3CR GI 126 RVT PC GI 993 FV CR 005 FV CR	2C4557 2C4557020 2C4557040	2	STD 0.50 1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
BMW												
N47 D2 A, N47 D20B N47 D20C, N47 SD20D	4 CYL	2.0 L	1995		2005-13	1, 3, 5, X1, X3 Diesel Eng	84.00	1.75 1.75 2.00	322 BF GN SS 406 N PC DI 248 CF CR 881 2PCO	2D7816 2D781625 2D781650	1	STD 0.25 0.50
M47 N204D4	4 CYL	2.0 L	1995		2001-11	3 Series, X3 Turbo Diesel	84.00	3.00 2.00 2.00	221 FKST CC DI 210 SCRP TF PC DI 248 CF CR 881 2PCO	2D7299 2D729925	1	STD 0.25
M57 D30, M57 306D5, M47 N204D5	6 CYL	3.0 L	2993		2003-On	5 (E60) , X3, 3 Touring (E91) Turbo Diesel	84.00	3.00 2.00 2.00	221 FKST CC DI 210 SCRP TF PC DI 248 CF CR 881 2PCO	2D7299 2D729925	1	STD 0.25
M44 B19, M43 B19TU, M43 B19, M43 194E1	4 CYL	1.9 L	1895		1995-03	318i, Z3	85.00	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C5203 2C5203020 2C5203040	4	STD 0.50 1.00
S50 B30	6 CYL	3.0 L	2990		1992-95	M3	86.00	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C5239	6	STD
M10 B18	4 CYL	1.8 L	1766		1969-90	316, 318, 318i, 518, 518i, 1500-2000 1800, 1500-2000	89.00	1.75 2.00 4.00	376 BF CR DI 126 RVT PC GI 056 FV CR 732 FV CR	2C4214 2C4214010 2C4214020 2C4214030 2C4214040	4	STD 0.25 0.50 0.75 1.00
M30B30	6 CYL	3.0 L	2946		1971-91	630CS, 530i, 730i, 2000-3.2, 2500-3.3	89.00	1.50 2.00 3.50	397 BF PM S 126 RVT PC GI 056 FV CR 732 FV CR	2M5145 2M5145020	6	STD 0.50
M30 B30E	6 CYL	3.0 L	2988		1976-89	530i, 630 Csi, 730i	89.00	1.75 2.00 4.00	362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C4228 2C4228010 2C4228020 2C4228040	6	STD 0.25 0.50 1.00
M30 B32	6 CYL	3.2 L	3153		1974-75	2000-3.2 Coupe (E9), 3.2 CSL	89.00	1.75 2.00 4.00	362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C4228 2C4228010 2C4228020 2C4228040	6	STD 0.25 0.50 1.00
M30B30ME, M30B35ME7	6 CYL	3.5 L	3453		1877-89	535i, 535S, 35.L L6, L7, 635CSi, 735i, M5 Incl. Turbo	92.00	1.50 2.00 3.50	032 BF PC GI 401 SCRP PC GI 058 FV CR 732 FV CR	4736 4736020 4736030 4736040	6	STD 0.50 0.75 1.00
									362 BF 3CR GI 401 SCRP PC GI 058 FV CR 732 FV CR	2C4736 2C4736020	6	STD 0.50
									327 BF PM GI 401 SCRP PC GI 058 FV CR 732 FV CR	2M4736 2M4736020 2M4736030 2M4736040	6	STD 0.50 0.75 1.00
N62 B44	8 CYL	4.4 L	4398		1996-04	545i, 645cI, 745i, Li, X5 4.4i w/1.2mm top grv.	92.00	1.20 1.50 2.00	398 BF CR S 401 SCRP PC GI 991 FV CR 005 FV CR	2C5211 2C5211020 2C5211040	8	STD 0.50 1.00
M62 B44	8 CYL	4.4 L	4398		1996-04	540i,740i, 840i, X5 Alusil bore use 2C5296 w/1.5mm top grv.	92.00	1.50 1.50 2.00	363 BF CR GI 401 SCRP PC GI 991 FV CR 005 FV CR	2C5296	8	STD
									335 T PM DI 126 RVT PC GI 991 FV CR 005 FV CR	2M5296 2M5296020	8	STD 0.50
BRIGGS & STRATTON												
	1 CYL					100700	65.09	1.60 1.60 4.00	032 BF PC GI 401 SCRP PC GI 058 FV CR 732 FV CR	4798	1	STD
Vanguard	2 CYL					290000 and 300000 290400 to 290499 290700 to 290799 294400 to 294499 294700 to 294799 303400 to 303499 303700 to 303799	68.00	2.00 2.00 3.00	362 BF 3CR GI 401 SCRP PC GI 054 FV CR 732 FV CR	2C4753	2	STD
	1 CYL					350400, 350700, 351700	72.00	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C4813 2C4813020	1	STD 0.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
BRIGGS & STRATTON												
	1 CYL					220400 to 220499	87.31	2.00	362 BF 3CR GI	2C6638	1	STD
						220700 to 220799		2.00	362 BF 3CR GI			
						221400 to 221499		4.75	860 FV CR			
						222400 to 222499			732 FV CR			
						251400 to 251499 10 HP						
						251700 to 251799						
						252400 to 252499						
						252700 to 252799						
						253400 to 253499						
						253700 to 253799						
						254400 to 254499						
						255400 to 255499						
						255700 to 255799						
						256700 to 256799						
						257700 to 257799						
						272405						
						280700 to 280799						
						281700 to 281799						
						282700 to 282799						
						283700 to 283799						
						286700 to 286799						
						300420 to 300425						
						301430 to 301435						
						302400 to 302499						
						320420 to 320428						
						325430 to 325438						
						401400 to 401499 16HP						
						401700 to 401799						
						402400 to 402499						
						402700 to 402799						
						404400 to 404499						
						404700 to 404799						
						421400 to 421499						
						421700 to 421799 18 HP						
						422400 to 422499						
						422700 to 422799						
	1 CYL					320400 to 320499 14 HP	90.49	2.00	032 BF PC GI	6962	1	STD
						326400 to 326499		2.00	126 RVT PC GI	6962010		0.25
								4.75	860 FV CR	6962020		0.50
									732 FV CR			
BSA												
	3 CYL		250	1967-70		MOTORCYCLES	67.00	1.60	102 T PC GI	6942	1	STD
			750	1969-70		MOTORCYCLES		1.60	102 T PC GI	6942040		1.00
								3.18	501 1PCO PC GI			
									826 2PCO			
									362 BF 3CR GI	2C6942	1	STD
									102 T PC GI	2C6942040		1.00
									501 1PCO PC GI			
									826 2PCO			
	2 CYL		650	1963-70		MOTORCYCLES	75.00	1.60	102 T PC GI	6939	2	STD
								1.60	102 T PC GI	6939020		0.50
								3.18	501 1PCO PC GI	6939040		1.00
										6939060		1.50
										6939080		2.00
	1 CYL		441	1966-70		MOTORCYCLES	78.99	1.60	102 T PC GI	6941	1	STD
								1.60	102 T PC GI			
								3.18	870 FV CR			
									732 FV CR			
BUDA												
4B153	4 CYL						87.31	2.38	032 BF PC GI	4288	4	STD
5 Ring Piston								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
								4.75	501 1PCO PC GI			
									362 BF 3CR GI	2C4288	4	STD
									126 RVT PC GI			
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
									501 1PCO PC GI			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
BUDA												
4B153 4 Ring Piston	4 CYL						87.31	3.18 3.18 3.18 4.75	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5063 5063060	4	STD 1.50
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5063	4	STD
6BD230	6 CYL					Diesel Eng	87.31	3.18 3.18 3.18 4.75 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 501 1PCO PC GI 825 2PCO 501 1PCO PC GI	2C5102	6	STD
6B230 5 Ring Piston Sleeved Eng.	6 CYL						87.31	2.38 3.18 3.18 4.75 4.75	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	5106 5106060	6	STD 1.50
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C5106	6	STD
G262	6 CYL						90.49	3.18 3.18 3.18 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C468	6	STD
DA262	6 CYL					Diesel Eng	90.49	3.18 3.18 3.18 4.75 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 501 1PCO PC GI 825 2PCO 501 1PCO PC GI	2C7513	6	STD
H298, HM298, HM298R, HP298, HPM298, HPM298R, K315, 6B273 4 Ring Piston	6 CYL					Diesel Eng.	95.25	3.18 3.18 3.18 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5028	6	STD
H199, HM199, 4B182 4 Ring Piston	4 CYL						95.25	3.18 3.18 3.18 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7669	4	STD
H326, HM326, HP326, HP351 5 Ring Piston	6 CYL						96.84	3.18 3.18 3.18 4.75 4.75	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	4239	6	STD
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C4239	6	STD
H326, HM326, HP326, HP351, K325	6 CYL						96.84	3.18 3.18 3.18 4.75	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5064	6	STD
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5064	6	STD

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
BUDA												
6DT389	6 CYL					Diesel Eng	98.43	3.18	032 BF PC GI	4064	6	STD
								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
								4.75	501 1PCO PC GI			
									362 BF 3CR GI	2C4064	6	STD
									126 RVT PC GI			
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
									501 1PCO PC GI			
HD344	4 CYL	5.6 L				L4	112.71	2.38	363 BF CR GI	2C7143	1	STD
5 Ring piston								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								4.75	501 1PCO PC GI			
								4.75	565 CF CR GI			
									881 2PCO			
DA516	6 CYL	8.5 L				L6	112.71	2.38	363 BF CR GI	2C7143	1	STD
5 Ring piston								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								4.75	501 1PCO PC GI			
								4.75	565 CF CR GI			
									881 2PCO			
LO525	6 CYL						114.30	3.18	032 BF PC GI	4283	6	STD
5 Ring Piston								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								6.35	860 FV CR			
									732 FV CR			
								4.75	501 1PCO PC GI			
									363 BF CR GI	2C4283	6	STD
									126 RVT PC GI			
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
									501 1PCO PC GI			
4MO645	4 CYL						142.88	3.18	363 BF CR GI	2C5343	1	STD
M858, 6MO893,6MO970	6 CYL							3.18	102 T PC GI			
8MO1290, 8MOS1290	8 CYL							3.18	102 T PC GI			
								6.35	501 1PCO PC GI			
									825 2PCO			
								6.35	501 1PCO PC GI			
4DC645	4 CYL					Diesel Eng	142.88	3.18	363 BF CR GI	2C5343	1	STD
6DC893, 6DC970	6 CYL							3.18	102 T PC GI			
								3.18	102 T PC GI			
								6.35	501 1PCO PC GI			
									825 2PCO			
								6.35	501 1PCO PC GI			
CASE-COMBINES												
M2	4 CYL						76.20	3.18	032 BF PC GI	727	4	STD
Sleeved Eng.								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								6.35	860 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C727	4	STD
									126 RVT PC GI			
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
H225, HB225	6 CYL					Gas Chry. 700, 900, 960,	86.36	2.00	032 BF PC GI	687	6	STD
						1275		2.00	126 RVT PC GI	687020		0.50
								4.75	860 FV CR	687030		0.75
									732 FV CR	687040		1.00
										687060		1.50
									362 BF 3CR GI	2C687	6	STD
									126 RVT PC GI	2C687020		0.50
									860 FV CR	2C687030		0.75
									732 FV CR	2C687040		1.00
										2C687060		1.50
									327 BF PM GI	2M687	6	STD
									126 RVT PC GI	2M687030		0.75
									860 FV CR	2M687040		1.00
									732 FV CR	2M687060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CASE-COMBINES												
SP9 Case Sleeved Eng.	4 CYL						88.90	3.18 3.18 3.18 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5117	4	STD
156G	4 CYL					955, 1140, 1150, 1155	88.90	2.38 2.38 2.38 6.35	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7123	4	STD
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7123	4	STD
GO298	6 CYL					Hercules 1000, 1010	95.25	2.38 3.18 4.75 4.75	363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C6581	1	STD
188D	4 CYL					600,660,115,011,551,000 Diesel Eng	96.84	3.18 2.38 4.75	372 FKST CR DI 126 RVT PC GI 860 FV CR 732 FV CR	2C7134	4	STD
HB318	8 CYL					Chry.Gas 1010,1060,1160, 1660, 1665	99.31	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	148 148020 148030 148040 148060	8	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C148 2C148010 2C148020 2C148030 2C148040 2C148060 2C148070	8	STD 0.25 0.50 0.75 1.00 1.50 1.75
									397 BF PM S 126 RVT PC GI 860 FV CR 732 FV CR	2M148 2M148020 2M148030 2M148040 2M148060	8	STD 0.50 0.75 1.00 1.50
A251S Gas or LPG Sleeved Eng.	4 CYL					150, 800, 1000	101.60	2.38 2.38 2.38 6.35	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7795	4	STD
SP9, SP12, 120	4 CYL						101.60	2.38 2.38 3.18 6.35	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7997	4	STD
A267D Sleeved Eng.	4 CYL					800, 1000 Diesel Eng	104.78	2.38 2.38 2.38 6.35	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7580	4	STD
A284GF Sleeved Eng.	4 CYL					1000, 1010, 1060, 1160	107.95	2.38 2.38 2.38 6.35	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7122	4	STD
CASE-ENGINES												
GD157 Continental Sleeved Eng.	4 CYL					G148, G148B	85.73	3.18 3.18 3.18 6.35	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D7536	4	STD
G148B, VA148B Sleeved Eng.	4 CYL						85.73	2.38 2.38 2.38 6.35	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7558	4	STD
G153.9 Sleeved Eng.	4 CYL						88.90	3.18 3.18 3.18 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5117	4	STD

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CASE-ENGINES												
G159B Sleeved Eng.	4 CYL						88.90	2.38 2.38 2.38 6.35	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7123	4	STD
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7123	4	STD
G188D Sleeved Eng.	4 CYL					Diesel Eng	96.84	3.18 2.38 4.75	372 FKST CR DI 126 RVT PC GI 860 FV CR 732 FV CR	2C7134	4	STD
A377, A377D, A377S Sleeved Eng.	6 CYL						101.60	2.38 2.38 2.38 6.35	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7656	6	STD
A251S Sleeved Eng.	4 CYL						101.60	2.38 2.38 2.38 6.35	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7795	4	STD
A401, A401D Sleeved Eng.	6 CYL						104.78	2.38 2.38 2.38 6.35	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7124	6	STD
A267D 4-267 Sleeved Eng.	4 CYL					Gas & Diesel	104.78	2.38 2.38 2.38 6.35	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7580	4	STD
A267D, A284, A284GF Sleeved Eng.	4 CYL						107.95	2.38 2.38 2.38 6.35	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7122	4	STD
CASE-TRACTORS												
Case Eng. V, VC, VI, VO Sleeved Eng.	4 CYL						76.20	3.18 3.18 3.18 6.35	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	727	4	STD
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C727	4	STD
SO Sleeved Eng.	4 CYL						82.55	3.18 3.18 3.18 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7789	4	STD
GD157 Continental Sleeved Eng.	4 CYL					300, 300B, 301, 301B,302B, 320,320DB, 400B, DT34 Series Diesel Eng	85.73	3.18 3.18 3.18 6.35	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D7536	4	STD
G148,G148B, VA148, DT34 Sleeved Eng.	4 CYL					300, 300B, 310, 310C, 310D, 310E, 310F, 310G, 320, 320B 400B,400D, 420, 420B,420C 420BD,430, 440, 441, 456D, 470, 480, 480B, 480CK, 500D, 556D Gas & LPG Eng.s	85.73	2.38 2.38 2.38 6.35	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7558	4	STD
153.9 Sleeved Eng.	4 CYL					S, SC, SE, SI, SL, SO To S/N 8027115	88.90	3.18 3.18 3.18 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5117	4	STD

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CASE-TRACTORS												
G159 Sleeved Eng.	4 CYL					530, 530C, 540, 541, 570, 580, 580B, 580CK, W3 loader Gas & LPG Eng.s	88.90	2.38 2.38 2.38 6.35	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7123	4	STD
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7123	4	STD
Sleeved Eng.	4 CYL					S, SC, SE, SI, SL, SO S/N 8027115-on	92.08	2.38 2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7593	4	STD
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7593	4	STD
Sleeved Eng.	4 CYL					S, SC, SE, SI, SO S/N 8027115-on	92.08	3.18 3.18 3.18 4.75	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7659	4	STD
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7659	4	STD
G188D Sleeved Eng.	4 CYL	3.1 L				After May 1, 1961 310E, 310F, 3.1 Litre 310G, 350, 420C,430,470,480B,480CK, 500LK,530,530C,531,570,W3 580,580B,580CK,LCK,P50	96.84	3.18 2.38 4.75	372 FKST CR DI 126 RVT PC GI 860 FV CR 732 FV CR	2C7134	4	STD
A377G, A377S Sleeved Eng.	6 CYL					W8B, W8C, W8E, W9B, W9C, W9E, W10B, W10C, W10E Loaders 500, 610, 900, 910, 930CK, 930GP, 930WS, 940, 970	101.60	2.38 2.38 2.38 6.35	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7656	6	STD
A377D Sleeved Eng.	6 CYL					LAD, 500, 520, 600, 620, 920 Diesel Eng	101.60	2.38 2.38 2.38 6.35	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7656	6	STD
Sleeved Eng.	4 CYL					CC, DC-V & F Power Piston	101.60	2.38 3.18 3.18 6.35	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7666	4	STD
A251S Sleeved Eng.	4 CYL					C, 400, 420, 425, 680, 680CK 700,710,725,730, 730C, 740 770, 800, 810 Gas & LPG Eng.s	101.60	2.38 2.38 2.38 6.35	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7795	4	STD
251 Sleeved Eng.	4 CYL					400 1956 Only Diesel Eng	101.60	2.38 2.38 2.38 6.35	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7795	4	STD
A401D Sleeved Eng.	6 CYL					Diesel Eng	104.78	2.38 2.38 2.38 6.35	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7124	6	STD
A267D Sleeved Eng.	4 CYL					680, 680B, 680CK, 700, 720, 730, 730C, 750, 770, 800, 1000, 400 Super Diesel Eng	104.78	2.38 2.38 2.38 6.35	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7580	4	STD
A284GF Sleeved Eng.	4 CYL					830, 830C, 840, W7,W7C, W7E, W9A Gas & LPG Eng.s	107.95	2.38 2.38 2.38 6.35	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7122	4	STD

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CASE-TRACTORS												
JD382 Sleeved Eng.	4 CYL					1000BR, 1000C, 1000D, 1010	114.30	3.18 3.18 3.18 6.35 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 501 1PCO PC GI 825 2PCO 501 1PCO PC GI	2C7778	4	STD
CASE-TRACTORS INCREASED BORE SLEEVES												
VA Eng. Sleeved Eng.	4 CYL					Allied Sleeve Kit #WSA309 M & W Gear #SP201 Sealed Power #SL1776 Thompson #SA166 White Machine #G223HCH Genuine Sleeve Kit #S149	85.73	3.18 3.18 3.18 6.35	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D7536	4	STD
VA Eng. Sleeved Eng.	4 CYL					Allied Sleeve Kit #WSA309 M & W Gear #SP201 Sealed Power #SL1776 Thompson #SA166 White Machine #G223HCH Genuine Sleeve Kit #S149	87.31	2.38 2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7705	4	STD
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7705	4	STD
G165 Sleeved Eng.	4 CYL					M & W Add Power Piston Allied Sleeve Kit #WSC310 Basic #BA252 Ertel Sleeve Kit #SA205 Genuine Sleeve Kit #S143 McQuay Norris #SA188 Sealed Power #SL1982 Thompson #SA167 White Machine #G217HCH	92.08	2.38 2.38 2.38 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7581	4	STD
G165 Sleeved Eng.	4 CYL					M & W Add Power Piston Allied Sleeve Kit #WSC310 Basic #BA252 Ertel Sleeve Kit #SA205 Genuine Sleeve Kit #S143 McQuay Norris #SA188 Sealed Power #SL1982 Thompson #SA167 White Machine #G217HCH	92.08	2.38 2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7663	4	STD
G165 Sleeved Eng.	4 CYL					M & W Add Power Piston Allied Sleeve Kit #WSC310 Basic #BA252 Ertel Sleeve Kit #SA205 Genuine Sleeve Kit #S143 McQuay Norris #SA188 Sealed Power #SL1982 Thompson #SA167 White Machine #G217HCH	93.66	2.38 2.38 2.38 4.75	363 BF CR GI 102 T PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7941	4	STD
A125 Sleeved Eng.	4 CYL					Allied Sleeve Kit #WSA306 Ertel Sleeve Kit #SA202, 203 Genuine Sleeve Kit#S140,141 White Machine #G203AC Thompson #SA172 McQuay Norris #SA176	101.60	2.38 2.38 2.38 6.35	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7795	4	STD
D Eng. Sleeved Eng.	4 CYL					M & W Gear#SP8 304 Series McQuay Norris #SA176 M & W #SP8S C.D.	101.60	2.38 2.38 3.18 6.35	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7997	4	STD
CATERPILLAR												
	2 CYL					E43, E44, E50, E51, T69 Late Piston Starting Eng.	92.08	2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 501 1PCO PC GI 825 2PCO	6215	2	STD
C7	6 CYL	7.2L		441		Inline 6, 4-Stroke-Cycle Diesel Eng.	110.00	3.50 3.00 4.00	208 FKST CC DI 277 RVT TF CR DI 560 CF CR GI 881 2PCO	2D5306	6	STD
	8 CYL					3208 Individual 2 Ring Piston OE Set Ref. #2S8265 OE Ref. #9L6233, Oil 2W8045	114.30	3.18 2.78	220 TBF PM DI 553 CF CR GI 881 2PCO	2D7473 2D7473020 2D7473030 2D7473040	1	STD 0.50 0.75 1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CATERPILLAR												
	8 CYL					3208 OE Set Ref. #199-9872	114.30	3.18	224 FKST PM DI	2D7493	1	STD
						3 Ring Piston		3.18	170 FKST PC GI	2D7493020		0.50
						Keystone Comp Ring		2.78	553 CF CR GI	2D7493040		1.00
									881 2PCO			
	8 CYL					3208	114.30	2.38	215 TBF CR DI	2D7524	1	STD
						3 Ring Piston		2.38	135 T PC GI	2D7524020		0.50
						(Rectangular rings)		4.75	553 CF CR GI			
						OE Set Ref. #2W8265-3R			881 2PCO			
Sleeved Eng.	6 CYL					D353, G353	158.75	3.18	363 BF CR GI	2C7195	2	STD
	8 CYL					D379, D398, G379, G398		2.38	349 RVT CR GI			
						Diesel Eng		6.35	565 CF CR GI			
									881 2PCO			
CHECKER												
FO6226	6 CYL				1959-64	Continental Eng.	84.14	2.38	032 BF PC GI	4233	6	STD
								2.38	126 RVT PC GI	4233040		1.00
								4.00	860 FV CR			
									732 FV CR			
								4.00	501 1PCO PC GI			
									901 GL			
	8 CYL	4.4 L	4375	267	1980-82		88.90	2.00	032 BF PC GI	652	8	STD
								2.00	126 RVT PC GI	652030		0.75
								4.75	860 FV CR	652040		1.00
									732 FV CR	652060		1.50
									363 BF CR GI	2C652	8	STD
									126 RVT PC GI	2C652010		0.25
									860 FV CR	2C652020		0.50
									732 FV CR	2C652030		0.75
										2C652040		1.00
									327 BF PM GI	2M652	8	STD
									126 RVT PC GI	2M652030		0.75
									860 FV CR	2M652040		1.00
									732 FV CR			
	6 CYL	3.8 L	3753	229	1980-82		94.89	2.00	032 BF PC GI	5617	6	STD
								2.00	126 RVT PC GI	5617010		0.25
								4.75	860 FV CR	5617020		0.50
									732 FV CR	5617030		0.75
										5617040		1.00
										5617060		1.50
									362 BF 3CR GI	2C5617	6	STD
									126 RVT PC GI	2C5617010		0.25
									860 FV CR	2C5617020		0.50
									732 FV CR	2C5617030		0.75
										2C5617040		1.00
										2C5617060		1.50
									397 BF PM S	2M5617	6	STD
									126 RVT PC GI	2M5617010		0.25
									860 FV CR	2M5617020		0.50
									732 FV CR	2M5617030		0.75
										2M5617040		1.00
										2M5617060		1.50
	8 CYL	5.0 L	4998	305	1977-81		94.89	2.00	032 BF PC GI	5499	8	STD
								2.00	126 RVT PC GI	5499010		0.25
								4.75	860 FV CR	5499020		0.50
									732 FV CR	5499030		0.75
										5499040		1.00
										5499060		1.50
									362 BF 3CR GI	2C5499	8	STD
									126 RVT PC GI	2C5499010		0.25
									860 FV CR	2C5499020		0.50
									732 FV CR	2C5499030		0.75
										2C5499040		1.00
										2C5499060		1.50
									397 BF PM S	2M5499	8	STD
									126 RVT PC GI	2M5499010		0.25
									860 FV CR	2M5499020		0.50
									732 FV CR	2M5499030		0.75
										2M5499040		1.00
										2M5499060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHECKER												
	6 CYL	3.8 L	3769	230	1964-68	Chevy. Eng.	98.43	2.00	032 BF PC GI	667	6	STD
								2.00	126 RVT PC GI	667010		0.25
								4.75	860 FV CR	667020		0.50
									732 FV CR	667030		0.75
										667040		1.00
										667060		1.50
										667080		2.00
									362 BF 3CR GI	2C667	6	STD
									126 RVT PC GI	2C667010		0.25
									860 FV CR	2C667020		0.50
									732 FV CR	2C667030		0.75
										2C667040		1.00
										2C667060		1.50
										2C667080		2.00
									327 BF PM GI	2M667	6	STD
									126 RVT PC GI	2M667010		0.25
									860 FV CR	2M667020		0.50
									732 FV CR	2M667030		0.75
										2M667040		1.00
										2M667060		1.50
										2M667080		2.00
	6 CYL	4.1 L	4097	250	1969-79	Chevy. Eng.	98.43	2.00	032 BF PC GI	667	6	STD
								2.00	126 RVT PC GI	667010		0.25
								4.75	860 FV CR	667020		0.50
									732 FV CR	667030		0.75
										667040		1.00
										667060		1.50
										667080		2.00
									362 BF 3CR GI	2C667	6	STD
									126 RVT PC GI	2C667010		0.25
									860 FV CR	2C667020		0.50
									732 FV CR	2C667030		0.75
										2C667040		1.00
										2C667060		1.50
										2C667080		2.00
									327 BF PM GI	2M667	6	STD
									126 RVT PC GI	2M667010		0.25
									860 FV CR	2M667020		0.50
									732 FV CR	2M667030		0.75
										2M667040		1.00
										2M667060		1.50
										2M667080		2.00
	8 CYL	4.6 L	4638	283	1964-67		98.43	2.00	032 BF PC GI	660	8	STD
								2.00	126 RVT PC GI	660010		0.25
								4.75	860 FV CR	660020		0.50
									732 FV CR	660030		0.75
										660040		1.00
										660060		1.50
										660080		2.00
									363 BF CR GI	2C660	8	STD
									126 RVT PC GI	2C660010		0.25
									860 FV CR	2C660020		0.50
									732 FV CR	2C660030		0.75
										2C660040		1.00
										2C660060		1.50
										2C660080		2.00
									327 BF PM GI	2M660	8	STD
									126 RVT PC GI	2M660010		0.25
									860 FV CR	2M660020		0.50
									732 FV CR	2M660030		0.75
										2M660040		1.00
										2M660060		1.50
										2M660080		2.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHECKER												
	8 CYL	5.0 L	5031	307	1968-73		98.43	2.00	032 BF PC GI	660	8	STD
								2.00	126 RVT PC GI	660010		0.25
								4.75	860 FV CR	660020		0.50
									732 FV CR	660030		0.75
										660040		1.00
										660060		1.50
										660080		2.00
									363 BF CR GI	2C660	8	STD
									126 RVT PC GI	2C660010		0.25
									860 FV CR	2C660020		0.50
									732 FV CR	2C660030		0.75
										2C660040		1.00
										2C660060		1.50
										2C660080		2.00
									327 BF PM GI	2M660	8	STD
									126 RVT PC GI	2M660010		0.25
									860 FV CR	2M660020		0.50
									732 FV CR	2M660030		0.75
										2M660040		1.00
										2M660060		1.50
										2M660080		2.00
	8 CYL	5.4 L	5359	327	1966-68		101.60	2.00	032 BF PC GI	139	8	STD
								2.00	126 RVT PC GI	139010		0.25
								4.75	860 FV CR	139020		0.50
									732 FV CR	139030		0.75
										139040		1.00
										139060		1.50
										139070		1.75
										139080		2.00
										139100		2.50
									362 BF 3CR GI	2C139	8	STD
									126 RVT PC GI	2C139010		0.25
									860 FV CR	2C139020		0.50
									732 FV CR	2C139030		0.75
										2C139040		1.00
										2C139060		1.50
										2C139070		1.75
										2C139080		2.00
									397 BF PM S	2M139	8	STD
									126 RVT PC GI	2M139005		0.13
									860 FV CR	2M139010		0.25
									732 FV CR	2M139020		0.50
										2M139030		0.75
										2M139040		1.00
										2M139060		1.50
										2M139070		1.75
										2M139080		2.00
										2M139100		2.50
	8 CYL	5.7 L	5735	350	1969-79		101.60	2.00	032 BF PC GI	139	8	STD
								2.00	126 RVT PC GI	139010		0.25
								4.75	860 FV CR	139020		0.50
									732 FV CR	139030		0.75
										139040		1.00
										139060		1.50
										139070		1.75
										139080		2.00
										139100		2.50
									362 BF 3CR GI	2C139	8	STD
									126 RVT PC GI	2C139010		0.25
									860 FV CR	2C139020		0.50
									732 FV CR	2C139030		0.75
										2C139040		1.00
										2C139060		1.50
										2C139070		1.75
										2C139080		2.00
									397 BF PM S	2M139	8	STD
									126 RVT PC GI	2M139005		0.13
									860 FV CR	2M139010		0.25
									732 FV CR	2M139020		0.50
										2M139030		0.75
										2M139040		1.00
										2M139060		1.50
										2M139070		1.75
										2M139080		2.00
										2M139100		2.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-ANTIQUE												
	6 CYL				1934-40	PE S/N PE104074-on, PF, PG S/N PF2987-on, Late PJ, P1, P2, P3, P4, P5, P6, P7, P8, P9, P10	79.38	3.18 3.18 4.00 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	142	6	STD
	6 CYL				1941	P11, P12; P1125 Truck Models Plymouth	79.38	2.38 3.18 4.00 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	143	6	STD
	6 CYL				1935-40	DU, D2, D5, D8, D11, D14, D17 Dodge	82.55	3.18 3.18 4.00 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	441	6	STD
	6 CYL				1941	Deluxe, Custom D19 Dodge	82.55	2.38 3.18 4.00 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	443	6	STD
	8 CYL				1942-50	All model Chrysler	82.55	2.38 2.38 4.00 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	446 446040	8	STD 1.00
	8 CYL	3.9 L	3949	241	1955	D44, D48, D50, D53 All V8 Models Dodge	87.31	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	627	8	STD
	8 CYL	4.3 L	4261	260	1955	Models P27 Plymouth	90.49	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	630 630060	8	STD 1.50
	8 CYL	6.4 L	6424	392	1957-58		101.60	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	139 139010 139020 139030 139040 139060 139070 139080 139100	8	STD 0.25 0.50 0.75 1.00 1.50 1.75 2.00 2.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C139 2C139010 2C139020 2C139030 2C139040 2C139060 2C139070 2C139080	8	STD 0.25 0.50 0.75 1.00 1.50 1.75 2.00
									397 BF PM S 126 RVT PC GI 860 FV CR 732 FV CR	2M139 2M139005 2M139010 2M139020 2M139030 2M139040 2M139060 2M139070 2M139080 2M139100	8	STD 0.13 0.25 0.50 0.75 1.00 1.50 1.75 2.00 2.50
MC3H	8 CYL	6.8 L	6768	413	1959-65		106.36	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	437 437030 437040	8	STD 0.75 1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-ANTIQUE												
	8 CYL	6.3 L	6276	383	1969-71	Chry., Plymouth Canada	107.95	2.00	032 BF PC GI	683	8	STD
								2.00	126 RVT PC GI	683010		0.25
								4.75	860 FV CR	683020		0.50
									732 FV CR	683030		0.75
										683040		1.00
										683060		1.50
										683080		2.00
										683100		2.50
									363 BF CR GI	2C683	8	STD
									126 RVT PC GI	2C683010		0.25
									860 FV CR	2C683020		0.50
									732 FV CR	2C683030		0.75
										2C683040		1.00
										2C683060		1.50
									397 BF PM S	2M683	8	STD
									126 RVT PC GI	2M683010		0.25
									860 FV CR	2M683020		0.50
									732 FV CR	2M683030		0.75
										2M683040		1.00
										2M683060		1.50
										2M683070		1.75
										2M683080		2.00
										2M683100		2.50
	8 CYL	7.0 L	6981	426	1963-71	RC2 Windsor Exc. Hemi	107.95	2.00	032 BF PC GI	683	8	STD
								2.00	126 RVT PC GI	683010		0.25
								4.75	860 FV CR	683020		0.50
									732 FV CR	683030		0.75
										683040		1.00
										683060		1.50
										683080		2.00
										683100		2.50
									363 BF CR GI	2C683	8	STD
									126 RVT PC GI	2C683010		0.25
									860 FV CR	2C683020		0.50
									732 FV CR	2C683030		0.75
										2C683040		1.00
										2C683060		1.50
									397 BF PM S	2M683	8	STD
									126 RVT PC GI	2M683010		0.25
									860 FV CR	2M683020		0.50
									732 FV CR	2M683030		0.75
										2M683040		1.00
										2M683060		1.50
										2M683070		1.75
										2M683080		2.00
										2M683100		2.50
	8 CYL	7.2 L	7210	440	1966-78	Chry., Plymouth	109.73	2.00	032 BF PC GI	692	8	STD
								2.00	126 RVT PC GI	692010		0.25
								4.75	860 FV CR	692020		0.50
									732 FV CR	692030		0.75
										692040		1.00
										692060		1.50
									362 BF 3CR GI	2C692	8	STD
									126 RVT PC GI	2C692030		0.75
									860 FV CR	2C692040		1.00
									732 FV CR	2C692060		1.50
									345 T PM GI	2M692	8	STD
									126 RVT PC GI	2M692020		0.50
									860 FV CR	2M692030		0.75
									732 FV CR	2M692040		1.00
										2M692060		1.50
	8 CYL	6.6 L	6555	400	1972-78		110.29	2.00	032 BF PC GI	676	8	STD
								2.00	126 RVT PC GI	676030		0.75
								4.75	860 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C676	8	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
									327 BF PM GI	2M676	8	STD
									126 RVT PC GI	2M676020		0.50
									860 FV CR	2M676030		0.75
									732 FV CR	2M676040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-AUSTRALIA												
	6 CYL	4.0 L	4015	245	1970-75	"D" Hemi Charger, Regal "D" Ranger XL "D"Hemi, Valiant VG, VH, VJ, Pacer & Regal 770 VIP	95.50	2.00	032 BF PC GI	5586	6	STD
								2.00	126 RVT PC GI	5586020		0.50
								4.75	860 FV CR	5586040		1.00
									732 FV CR			
									362 BF 3CR GI	2C5586	6	STD
									126 RVT PC GI	2C5586020		0.50
									860 FV CR	2C5586040		1.00
									732 FV CR			
	6 CYL	4.3 L	4343	265	1971-On	Valiant VH & CH, Plymouth	99.31	2.00	032 BF PC GI	5560	6	STD
								2.00	126 RVT PC GI	5560020		0.50
								4.75	860 FV CR	5560030		0.75
									732 FV CR	5560040		1.00
										5560060		1.50
									362 BF 3CR GI	2C5560	6	STD
									126 RVT PC GI	2C5560020		0.50
									860 FV CR	2C5560030		0.75
									732 FV CR	2C5560040		1.00
										2C5560060		1.50
									327 BF PM GI	2M5560	6	STD
									126 RVT PC GI	2M5560020		0.50
									860 FV CR	2M5560030		0.75
									732 FV CR	2M5560040		1.00
										2M5560060		1.50
CHRYSLER-CARS												
4G42 Mitsubishi Eng.	4 CYL	1.2 L	1187	74	1973-76	Plymouth	71.00	2.00	032 BF PC GI	4342	4	STD
								2.00	401 SCRP PC GI			
								4.00	056 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C4342	4	STD
									401 SCRP PC GI	2C4342020		0.50
									056 FV CR	2C4342040		1.00
									732 FV CR			
G12B Vin: J Mitsubishi Eng.	4 CYL	1.4 L	1409	86	1979-85	Dodge Colt, Plymouth Champ	74.00	1.50	032 BF PC GI	4396	4	STD
								1.50	126 RVT PC GI	4396010		0.25
								4.00	058 FV CR	4396020		0.50
									732 FV CR	4396030		0.75
										4396040		1.00
										4396060		1.50
									362 BF 3CR GI	2C4396	4	STD
									126 RVT PC GI	2C4396010		0.25
									058 FV CR	2C4396020		0.50
									732 FV CR	2C4396030		0.75
										2C4396040		1.00
										2C4396060		1.50
									327 BF PM GI	2M4396	4	STD
									126 RVT PC GI	2M4396020		0.50
									058 FV CR	2M4396030		0.75
									732 FV CR	2M4396040		1.00
										2M4396060		1.50
G15B Vin: Q Mitsubishi Eng.	4 CYL	1.5 L	1468	90	1985-92	Colt, Summit	75.50	1.50	032 BF PC GI	5716	4	STD
								1.50	126 RVT PC GI	5716010		0.25
								4.00	058 FV CR	5716020		0.50
									732 FV CR	5716030		0.75
										5716040		1.00
										5716060		1.50
									363 BF CR GI	2C5716	4	STD
									126 RVT PC GI	2C5716010		0.25
									058 FV CR	2C5716020		0.50
									732 FV CR	2C5716030		0.75
										2C5716040		1.00
										2C5716060		1.50
									327 BF PM GI	2M5716	4	STD
									126 RVT PC GI	2M5716010		0.25
									058 FV CR	2M5716020		0.50
									732 FV CR	2M5716030		0.75
										2M5716040		1.00
G15B, 4G15, G4AJ, G4DJ Vin: A,Q	4 CYL	1.5 L	1508	92	1991-96	12 Valve	75.50	1.20	398 BF CR S	2C4668	4	STD
								1.50	126 RVT PC GI	2C4668010		0.25
								3.00	054 FV CR	2C4668020		0.50
									732 FV CR	2C4668030		0.75
										2C4668040		1.00
										2C4668060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-CARS												
4G31,4G32,4G61	4 CYL	1.6 L	1597	98	1971-84	Challenger, Colt	76.90	2.00	032 BF PC GI	675	4	STD
Vin. K, Z Incl.Turbo								2.00	126 RVT PC GI	675010		0.25
Mitsubishi Eng.								4.00	056 FV CR	675020		0.50
DOHC									732 FV CR	675030		0.75
										675040		1.00
										675060		1.50
									362 BF 3CR GI	2C675	4	STD
									126 RVT PC GI	2C675010		0.25
									056 FV CR	2C675020		0.50
									732 FV CR	2C675030		0.75
										2C675040		1.00
Vin: K	4 CYL	1.6 L	1606	98	1983-90	SOHC	76.90	1.50	032 BF PC GI	4353	4	STD
								1.50	126 RVT PC GI	4353020		0.50
								4.00	058 FV CR	4353030		0.75
									732 FV CR	4353040		1.00
									362 BF 3CR GI	2C4353	4	STD
									126 RVT PC GI	2C4353010		0.25
									058 FV CR	2C4353020		0.50
									732 FV CR	2C4353030		0.75
										2C4353040		1.00
E82	4 CYL	1.7 L	1715	105	1978-84	Dodge Omni,	79.50	1.75	032 BF PC GI	4490	4	STD
						Plymouth Horizon		2.00	126 RVT PC GI	4490010		0.25
								4.00	056 FV CR	4490020		0.50
									732 FV CR	4490030		0.75
										4490040		1.00
										4490060		1.50
									363 BF CR GI	2C4490	4	STD
									126 RVT PC GI	2C4490010		0.25
									056 FV CR	2C4490020		0.50
									732 FV CR	2C4490030		0.75
										2C4490040		1.00
										2C4490060		1.50
									327 BF PM GI	2M4490	4	STD
									126 RVT PC GI	2M4490010		0.25
									056 FV CR	2M4490020		0.50
									732 FV CR	2M4490030		0.75
										2M4490040		1.00
										2M4490060		1.50
Peugeot Eng.	4 CYL	1.6 L	1590	97	1983-86	Dodge, Plymouth	80.60	1.75	032 BF PC GI	4253	4	STD
								2.00	401 SCRP PC GI	4253020		0.50
								4.00	056 FV CR			
									732 FV CR			
									363 BF CR GI	2C4253	4	STD
									401 SCRP PC GI	2C4253020		0.50
									056 FV CR			
									732 FV CR			
4G37	4 CYL	1.8 L	1795	107	1989-93		80.60	1.50	032 BF PC GI	4367	4	STD
Vin: P, T								1.50	401 SCRP PC GI	4367020		0.50
Mitsubishi Eng.								4.00	058 FV CR	4367030		0.75
									732 FV CR	4367040		1.00
									363 BF CR GI	2C4367	4	STD
									401 SCRP PC GI	2C4367020		0.50
									058 FV CR	2C4367030		0.75
									732 FV CR	2C4367040		1.00
										2C4367060		1.50
G62B	4 CYL	1.8 L	1795	110	1985-86	Plymouth	80.60	2.00	032 BF PC GI	6172	4	STD
Mitsubishi Eng.								2.00	401 SCRP PC GI	6172020		0.50
								4.00	056 FV CR	6172030		0.75
									732 FV CR	6172040		1.00
										6172060		1.50
									363 BF CR GI	2C6172	4	STD
									401 SCRP PC GI	2C6172020		0.50
									056 FV CR	2C6172030		0.75
									732 FV CR	2C6172040		1.00
G16B	4 CYL	1.6 L	1595	98	1989-93	Dodge Colt,	82.30	1.20	398 BF CR S	2C4669	4	STD
Vin: K						Eagle Summit		1.50	126 RVT PC GI	2C4669020		0.50
Mitsubishi Eng								3.00	997 FV CR	2C4669030		0.75
									732 FV CR	2C4669040		1.00
	6 CYL	3.6 L	3572	218	1942-59	Dodge, Plymouth	82.55	2.38	032 BF PC GI	144	6	STD
								2.38	126 RVT PC GI	144040		1.00
								4.00	860 FV CR	144060		1.50
									732 FV CR			
								4.00	501 1PCO PC GI			
									362 BF 3CR GI	2C144	6	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
									501 1PCO PC GI			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-CARS												
	6 CYL	3.8 L	3769	230	1942-59	Dodge, Plymouth	82.55	2.38	032 BF PC GI	144	6	STD
								2.38	126 RVT PC GI	144040		1.00
								4.00	860 FV CR	144060		1.50
									732 FV CR			
								4.00	501 1PCO PC GI			
									362 BF 3CR GI	2C144	6	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
									501 1PCO PC GI			
198 A5.000	4 CYL	2.0 L	1956		2011-On	Delta 2.0 D Multijet Diesel Eng Turbo Intercooled	83.00	1.50	239 BF CC DI	2D7528	4	STD
								1.50	406 N PC DI	2D752840		0.40
								2.00	553 CF CR GI			
									881 2PCO			
6G73 Mitsubishi Eng.	6 CYL	2.5 L	2497	152	1995-00		83.50	1.20	398 BF CR S	2C4928	6	STD
								1.50	126 RVT PC GI	2C4928020		0.50
								3.00	054 FV CR	2C4928030		0.75
									732 FV CR	2C4928040		1.00
G52B, 4G52 Vin. U, 5	4 CYL	2.0 L	1999	122	1979-83	Dodge	84.00	2.00	032 BF PC GI	4247	4	STD
								2.00	126 RVT PC GI	4247020		0.50
								4.00	058 FV CR	4247030		0.75
									732 FV CR	4247040		1.00
										4247060		1.50
									362 BF 3CR GI	2C4247	4	STD
									126 RVT PC GI	2C4247010		0.25
									058 FV CR	2C4247020		0.50
									732 FV CR	2C4247030		0.75
										2C4247040		1.00
										2C4247060		1.50
G63B Vin. A Mitsubishi Eng.	4 CYL	2.0 L	1997	122	1983-87	Plymouth, Colt, Omni, Ram 50	85.00	2.00	032 BF PC GI	6171	4	STD
								2.00	126 RVT PC GI	6171020		0.50
								4.00	058 FV CR	6171030		0.75
									732 FV CR	6171040		1.00
										6171060		1.50
									362 BF 3CR GI	2C6171	4	STD
									126 RVT PC GI	2C6171020		0.50
									058 FV CR	2C6171030		0.75
									732 FV CR	2C6171040		1.00
										2C6171060		1.50
4G63, G54B	4 CYL	2.0 L	1999	122	1987-91	D-50 Dodge, Plymouth	85.00	1.50	032 BF PC GI	6899	4	STD
								1.50	126 RVT PC GI	6899010		0.25
								4.00	056 FV CR	6899020		0.50
									732 FV CR	6899030		0.75
										6899040		1.00
										6899060		1.50
									362 BF 3CR GI	2C6899	4	STD
									126 RVT PC GI	2C6899010		0.25
									056 FV CR	2C6899020		0.50
									732 FV CR	2C6899030		0.75
										2C6899040		1.00
										2C6899060		1.50
									327 BF PM GI	2M6899	4	STD
									126 RVT PC GI	2M6899010		0.25
									056 FV CR	2M6899020		0.50
									732 FV CR	2M6899060		1.50
G63B Vin: A Mitsubishi Eng. DOHC, SOHC	4 CYL	2.0 L	2000	122	1988-93	Incl. Turbo	85.00	1.20	398 BF CR S	2C4613	4	STD
								1.50	126 RVT PC GI	2C4613010		0.25
								3.00	054 FV CR	2C4613020		0.50
									732 FV CR	2C4613030		0.75
										2C4613040		1.00
GEMA Vin. C	4 CYL	1.8 L	1798	110	2006-10	World Eng.	86.00	1.20	398 BF CR S	2C4835	4	STD
								1.20	126 RVT PC GI	2C4835020		0.50
								2.00	993 FV CR	2C4835030		0.75
									005 FV CR	2C4835040		1.00
GEMA Vin: A,B	4 CYL	2.0 L	1998	122	2006-15	World Eng.	86.00	1.20	398 BF CR S	2C4835	4	STD
								1.20	126 RVT PC GI	2C4835020		0.50
								2.00	993 FV CR	2C4835030		0.75
									005 FV CR	2C4835040		1.00
Vin: N,R,T,U	6 CYL	2.7 L	2737	167	1998-10	V-6 2700	86.00	1.50	397 BF PM S	2M4946	6	STD
								1.50	126 RVT PC GI	2M4946004		0.10
								3.00	054 FV CR	2M4946010		0.25
									732 FV CR	2M4946020		0.50
										2M4946030		0.75
										2M4946040		1.00
										2M4946060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-CARS												
Vin: R,T,U	6 CYL	2.7 L	2737	167	1998-03	V-6 2700	86.00	1.50	397 BF PM S	2M5094	6	STD
						w/deep oil Grv.		1.50	126 RVT PC GI	2M5094004		0.10
						aftermarket piston		3.00	872 FV CR	2M5094010		0.25
									732 FV CR	2M5094020		0.50
										2M5094030		0.75
										2M5094040		1.00
										2M5094060		1.50
	4 CYL	1.5 L	1500	91.4	1971-76	Plymouth Cricket	86.13	2.00	032 BF PC GI	674	4	STD
								2.00	126 RVT PC GI	674030		0.75
								4.00	860 FV CR	674040		1.00
									732 FV CR			
									362 BF 3CR GI	2C674	4	STD
									126 RVT PC GI	2C674030		0.75
									860 FV CR	2C674040		1.00
									732 FV CR			
Slant 6	6 CYL	2.7 L	2786	170	1960-69	Dodge, Plymouth	86.36	2.00	032 BF PC GI	687	6	STD
								2.00	126 RVT PC GI	687020		0.50
								4.75	860 FV CR	687030		0.75
									732 FV CR	687040		1.00
										687060		1.50
									362 BF 3CR GI	2C687	6	STD
									126 RVT PC GI	2C687020		0.50
									860 FV CR	2C687030		0.75
									732 FV CR	2C687040		1.00
										2C687060		1.50
									327 BF PM GI	2M687	6	STD
									126 RVT PC GI	2M687030		0.75
									860 FV CR	2M687040		1.00
									732 FV CR	2M687060		1.50
	6 CYL	3.2 L	3245	198	1970-74	Dodge, Plymouth	86.36	2.00	032 BF PC GI	687	6	STD
								2.00	126 RVT PC GI	687020		0.50
								4.75	860 FV CR	687030		0.75
									732 FV CR	687040		1.00
										687060		1.50
									362 BF 3CR GI	2C687	6	STD
									126 RVT PC GI	2C687020		0.50
									860 FV CR	2C687030		0.75
									732 FV CR	2C687040		1.00
										2C687060		1.50
									327 BF PM GI	2M687	6	STD
									126 RVT PC GI	2M687030		0.75
									860 FV CR	2M687040		1.00
									732 FV CR	2M687060		1.50
	6 CYL	3.7 L	3687	225	1960-87	Chry., Dodge, Plymouth	86.36	2.00	032 BF PC GI	687	6	STD
								2.00	126 RVT PC GI	687020		0.50
								4.75	860 FV CR	687030		0.75
									732 FV CR	687040		1.00
										687060		1.50
									362 BF 3CR GI	2C687	6	STD
									126 RVT PC GI	2C687020		0.50
									860 FV CR	2C687030		0.75
									732 FV CR	2C687040		1.00
										2C687060		1.50
									327 BF PM GI	2M687	6	STD
									126 RVT PC GI	2M687030		0.75
									860 FV CR	2M687040		1.00
									732 FV CR	2M687060		1.50
4G64, G64B	4 CYL	2.4 L	2350	146	1985-93	Colt Vista	86.50	1.50	362 BF 3CR GI	2C4638	4	STD
Vin:T								1.50	126 RVT PC GI	2C4638010		0.25
Mitsubishi Eng								4.00	058 FV CR	2C4638020		0.50
									732 FV CR	2C4638030		0.75
										2C4638040		1.00
RDS2,4G64	4 CYL	2.4 L	2400	146	1993-08		86.50	1.20	398 BF CR S	2C4780	4	STD
Mitisubishi Eng.								1.50	126 RVT PC GI	2C4780020		0.50
								2.80	997 FV CR	2C4780030		0.75
									732 FV CR	2C4780040		1.00
										2C4780060		1.50
4G64	4 CYL	2.4 L	2400	146	1993-96		86.50	1.20	398 BF CR S	2C4783	4	STD
Vin:T								1.50	126 RVT PC GI	2C4783010		0.25
Mitisubishi Eng								3.00	997 FV CR	2C4783020		0.50
									732 FV CR	2C4783030		0.75
										2C4783040		1.00
										2C4783060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-CARS												
	6 CYL	3.9 L	3867	236	1942-52	Chrysler Exc. Canada	87.31	2.38 2.38 4.00 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	445	6	STD
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C445	6	STD
	6 CYL	4.1 L	4113	251	1954-68	Dodge	87.31	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	663 663030	6	STD 0.75
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C663 2C663030	6	STD 0.75
	6 CYL	4.3 L	4343	265	1951-54	Chrysler Exc. Canada	87.31	2.38 2.38 4.00 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	445	6	STD
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C445	6	STD
	6 CYL	4.3 L	4343	265	1955-68	Dodge	87.31	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	663 663030	6	STD 0.75
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C663 2C663030	6	STD 0.75
Vin: C,F DOHC, SOHC	4 CYL	2.0 L	1983	121	1995-05		87.50	1.20 1.20 3.00	398 BF CR S 126 RVT PC GI 872 FV CR 732 FV CR	2C4759 2C4759010 2C4759020 2C4759030 2C4759040 2C4759060	4	STD 0.25 0.50 0.75 1.00 1.50
E62 Incl. Turbo	4 CYL	2.2 L	2212	135	1981-89	Chry, Dodge,Plymouth Deep Oil grv.	87.50	1.50 1.50 4.00	335 T PM DI 126 RVT PC GI 056 FV CR 732 FV CR	2M4206 2M4206020 2M4206030 2M4206040 2M4206060	4	STD 0.50 0.75 1.00 1.50
Vin. B, C, D	4 CYL	2.2 L	2212	135	1985-95	Dodge, Chrysler Shallow Oil Ring grv.	87.50	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4222 4222020 4222030 4222040 4222060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 872 FV CR 732 FV CR	2C4222 2C4222020 2C4222030	4	STD 0.50 0.75
									335 T PM DI 126 RVT PC GI 872 FV CR 732 FV CR	2M4222 2M4222010 2M4222020 2M4222030 2M4222040 2M4222060	4	STD 0.25 0.50 0.75 1.00 1.50
	4 CYL	2.2 L	2212	135	1992-97	16 Valve Turbo	87.50	1.50 1.50 3.00	397 BF PM S 126 RVT PC GI 054 FV CR 732 FV CR	2M4734 2M4734020 2M4734030 2M4734040	4	STD 0.50 0.75 1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-CARS												
E62	4 CYL	2.2 L	2212	135	1984-89	Chry, Dodge,Plymouth	87.50	1.50	032 BF PC GI	5652	4	STD
						Deep Oil grv.		1.50	126 RVT PC GI	5652010		0.25
								4.00	056 FV CR	5652020		0.50
									732 FV CR	5652030		0.75
										5652040		1.00
										5652060		1.50
									363 BF CR GI	2C5652	4	STD
									126 RVT PC GI	2C5652010		0.25
									056 FV CR	2C5652020		0.50
									732 FV CR	2C5652030		0.75
										2C5652040		1.00
										2C5652060		1.50
									327 BF PM GI	2M5652	4	STD
									126 RVT PC GI	2M5652010		0.25
									056 FV CR	2M5652020		0.50
									732 FV CR	2M5652030		0.75
										2M5652040		1.00
										2M5652060		1.50
EDZ	4 CYL	2.4 L	2429	148	1998-10	Cirrus, PT Cruiser,	87.50	1.20	398 BF CR S	2C4948	4	STD
Vin: B,G,X,1 Incl. Turbo						Sebring		1.50	126 RVT PC GI	2C4948010		0.25
								3.00	872 FV CR	2C4948020		0.50
									732 FV CR	2C4948030		0.75
										2C4948040		1.00
Vin: E	4 CYL	2.4 L	2429	146	2004-09	Turbo L4	87.50	1.20	398 BF CR S	2C5125	4	STD
						w/2.5mm oil grv		1.50	126 RVT PC GI	2C5125020		0.50
								2.50	995 FV CR	2C5125030		0.75
									732 FV CR	2C5125040		1.00
EDZ Vin 9	4 CYL	2.4 L	2429	148	1995-09		87.50	1.50	397 BF PM S	2M4734	4	STD
								1.50	126 RVT PC GI	2M4734020		0.50
								3.00	054 FV CR	2M4734030		0.75
									732 FV CR	2M4734040		1.00
	4 CYL	2.5 L	2507	153	1986-89	Chry, Dodge,Plymouth	87.50	1.50	335 T PM DI	2M4206	4	STD
						Deep Oil grv.		1.50	126 RVT PC GI	2M4206020		0.50
								4.00	056 FV CR	2M4206030		0.75
									732 FV CR	2M4206040		1.00
										2M4206060		1.50
Vin, G, K	4 CYL	2.5 L	2507	153	1986-95	Dodge truck	87.50	1.50	032 BF PC GI	4222	4	STD
								1.50	126 RVT PC GI	4222020		0.50
						Shallow Oil Ring grv.		4.00	872 FV CR	4222030		0.75
									732 FV CR	4222040		1.00
										4222060		1.50
									362 BF 3CR GI	2C4222	4	STD
									126 RVT PC GI	2C4222020		0.50
									872 FV CR	2C4222030		0.75
									732 FV CR			
									335 T PM DI	2M4222	4	STD
									126 RVT PC GI	2M4222010		0.25
									872 FV CR	2M4222020		0.50
									732 FV CR	2M4222030		0.75
										2M4222040		1.00
										2M4222060		1.50
	4 CYL	2.5 L	2507	153	1986-89	Chry, Dodge,Plymouth	87.50	1.50	032 BF PC GI	5652	4	STD
						Deep Oil grv.		1.50	126 RVT PC GI	5652010		0.25
								4.00	056 FV CR	5652020		0.50
									732 FV CR	5652030		0.75
										5652040		1.00
										5652060		1.50
									363 BF CR GI	2C5652	4	STD
									126 RVT PC GI	2C5652010		0.25
									056 FV CR	2C5652020		0.50
									732 FV CR	2C5652030		0.75
										2C5652040		1.00
										2C5652060		1.50
									327 BF PM GI	2M5652	4	STD
									126 RVT PC GI	2M5652010		0.25
									056 FV CR	2M5652020		0.50
									732 FV CR	2M5652030		0.75
										2M5652040		1.00
										2M5652060		1.50
	4 CYL	2.5 L	2507	153	1994-97	Chry. Turbo	87.50	1.50	335 T PM DI	2M4880	4	STD
						Shallow Oil Ring Grv		1.50	126 RVT PC GI	2M4880020		0.50
								4.00	872 FV CR	2M4880030		0.75
									732 FV CR	2M4880040		1.00
										2M4880060		1.50
2AZFE Toyota Eng	4 CYL	2.4 L	2359	144	2006-16	World Eng.	88.00	1.20	398 BF CR S	2C5297	4	STD
Vin: B,F,K								1.20	126 RVT PC GI	2C5297020		0.50
								2.00	993 FV CR	2C5297030		0.75
									005 FV CR	2C5297040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-CARS												
G54B	4 CYL	2.6 L	2555	156	1978-84	Chry, Dodge, Ply	91.10	2.00	032 BF PC GI	5595	4	STD
Mitsubishi Eng						Thru March 1983		2.00	126 RVT PC GI	5595010		0.25
								4.00	870 FV CR	5595020		0.50
									732 FV CR	5595030		0.75
										5595040		1.00
										5595060		1.50
									362 BF 3CR GI	2C5595	4	STD
									126 RVT PC GI	2C5595010		0.25
									870 FV CR	2C5595020		0.50
									732 FV CR	2C5595030		0.75
										2C5595040		1.00
										2C5595060		1.50
									327 BF PM GI	2M5595	4	STD
									126 RVT PC GI	2M5595010		0.25
									870 FV CR	2M5595020		0.50
									732 FV CR	2M5595030		0.75
										2M5595040		1.00
										2M5595060		1.50
G54B	4 CYL	2.6 L	2555	156	1983-89	Chry, Dodge, Ply	91.10	1.50	032 BF PC GI	5667	4	STD
Incl. Turbo						Shallow Oil Ring Grv		1.50	126 RVT PC GI	5667010		0.25
Mitsubishi Eng.								4.00	056 FV CR	5667020		0.50
									732 FV CR	5667030		0.75
										5667040		1.00
										5667060		1.50
									363 BF CR GI	2C5667	4	STD
									126 RVT PC GI	2C5667010		0.25
									056 FV CR	2C5667020		0.50
									732 FV CR	2C5667030		0.75
										2C5667040		1.00
										2C5667060		1.50
6G72	6 CYL	3.0 L	2972	181	1987-04	Dodge Dynasty	91.10	1.50	032 BF PC GI	4453	6	STD
SOHC Vin:H,V						Dodge/Ply Mini Van		1.50	126 RVT PC GI	4453010		0.25
Mitsubishi Eng.								4.00	870 FV CR	4453020		0.50
									732 FV CR	4453030		0.75
										4453040		1.00
										4453060		1.50
									335 T PM DI	2M4453	6	STD
									126 RVT PC GI	2M4453010		0.25
									870 FV CR	2M4453020		0.50
									732 FV CR	2M4453030		0.75
										2M4453040		1.00
										2M4453060		1.50
6G72 Vin: V	6 CYL	3.0 L	2972	181	1991-05	Dodge , Stealth	91.10	1.20	398 BF CR S	2C4670	6	STD
Incl. Turbo DOHC								1.50	126 RVT PC GI	2C4670020		0.50
Mitsubishi Eng.								3.00	997 FV CR	2C4670030		0.75
									732 FV CR	2C4670040		1.00
										2C4670060		1.50
M00(HR425CL)	4 CYL	2.5 L	2499		1992-95	TD, CRD,TD Voyager	92.00	2.50	225 FKST CR DI	2C7458	1	STD
VM425HR, (M51),						Turbo Diesel		2.00	210 SCRP TF PC DI			
VM425HR(M52)								4.00	204 CF CR DI			
									881 2PCO			
Vin. J	6 CYL	3.2 L	3228	197	1998-01	Concorde	92.00	1.20	398 BF CR S	2C4903	6	STD
						Dodge Intrepid		1.50	126 RVT PC GI	2C4903020		0.50
								3.00	054 FV CR	2C4903030		0.75
									005 FV CR	2C4903040		1.00
	8 CYL	4.4 L	4425	270	1956	P29 S/N 40001-80000,	92.08	2.00	032 BF PC GI	633	8	STD
						Plymouth		2.00	126 RVT PC GI	633010		0.25
								4.75	860 FV CR	633020		0.50
									732 FV CR	633030		0.75
										633040		1.00
										633060		1.50
									362 BF 3CR GI	2C633	8	STD
									126 RVT PC GI	2C633020		0.50
									860 FV CR	2C633030		0.75
									732 FV CR	2C633040		1.00
									327 BF PM GI	2M633	8	STD
									126 RVT PC GI	2M633030		0.75
									860 FV CR	2M633040		1.00
									732 FV CR	2M633060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-CARS												
	8 CYL	4.5 L	4474	273	1964-69	Dodge, Plymouth Windsor C67	92.08	2.00	032 BF PC GI	633	8	STD
								2.00	126 RVT PC GI	633010		0.25
								4.75	860 FV CR	633020		0.50
									732 FV CR	633030		0.75
										633040		1.00
										633060		1.50
									362 BF 3CR GI	2C633	8	STD
									126 RVT PC GI	2C633020		0.50
									860 FV CR	2C633030		0.75
									732 FV CR	2C633040		1.00
									327 BF PM GI	2M633	8	STD
									126 RVT PC GI	2M633030		0.75
									860 FV CR	2M633040		1.00
									732 FV CR	2M633060		1.50
	8 CYL	4.9 L	4933	301	1955	Dodge	92.08	2.00	032 BF PC GI	633	8	STD
								2.00	126 RVT PC GI	633010		0.25
								4.75	860 FV CR	633020		0.50
									732 FV CR	633030		0.75
										633040		1.00
										633060		1.50
									362 BF 3CR GI	2C633	8	STD
									126 RVT PC GI	2C633020		0.50
									860 FV CR	2C633030		0.75
									732 FV CR	2C633040		1.00
									327 BF PM GI	2M633	8	STD
									126 RVT PC GI	2M633030		0.75
									860 FV CR	2M633040		1.00
									732 FV CR	2M633060		1.50
	8 CYL	5.2 L	5162	315	1956	Dodge	92.08	2.00	032 BF PC GI	633	8	STD
								2.00	126 RVT PC GI	633010		0.25
								4.75	860 FV CR	633020		0.50
									732 FV CR	633030		0.75
										633040		1.00
										633060		1.50
									362 BF 3CR GI	2C633	8	STD
									126 RVT PC GI	2C633020		0.50
									860 FV CR	2C633030		0.75
									732 FV CR	2C633040		1.00
									327 BF PM GI	2M633	8	STD
									126 RVT PC GI	2M633030		0.75
									860 FV CR	2M633040		1.00
									732 FV CR	2M633060		1.50
Renault Eng. Sleeved Eng.	6 CYL	3.0 L	2982	182	1990-91		93.00	1.75	363 BF CR GI	2C4672	6	STD
								1.75	126 RVT PC GI			
								3.50	056 FV CR			
									732 FV CR			
	6 CYL	3.3 L	3294	201	1988-97	Chry., Dodge, Plymouth	93.00	1.50	032 BF PC GI	4636	6	STD
								1.50	126 RVT PC GI	4636020		0.50
								3.00	872 FV CR	4636030		0.75
									732 FV CR	4636040		1.00
										4636060		1.50
									327 BF PM GI	2M4636	6	STD
									126 RVT PC GI	2M4636010		0.25
									872 FV CR	2M4636020		0.50
									732 FV CR	2M4636030		0.75
										2M4636040		1.00
										2M4636060		1.50
Vin: G,R,3	6 CYL	3.3 L	3294	201	1998-10	Shallow Top/Oil grv.	93.00	1.50	335 T PM DI	2M5014	6	STD
								1.50	126 RVT PC GI	2M5014020		0.50
								3.00	872 FV CR	2M5014030		0.75
									732 FV CR	2M5014040		1.00
										2M5014060		1.50
Vin: K	6 CYL	3.7 L	3703	226	1999-11	Shallow Top/Oil grv.	93.00	1.50	335 T PM DI	2M5014	6	STD
								1.50	126 RVT PC GI	2M5014020		0.50
								3.00	872 FV CR	2M5014030		0.75
									732 FV CR	2M5014040		1.00
										2M5014060		1.50
Vin: N,P	8 CYL	4.7 L	4670	285	1999-07	Aspen	93.00	1.50	032 BF PC GI	4790	8	STD
								1.50	126 RVT PC GI	4790010		0.25
								3.00	872 FV CR	4790020		0.50
									732 FV CR	4790030		0.75
										4790040		1.00
									335 T PM DI	2M4790	8	STD
									126 RVT PC GI	2M4790010		0.25
									872 FV CR	2M4790020		0.50
									732 FV CR	2M4790030		0.75
										2M4790040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-CARS												
Vin: P	8 CYL	4.7 L	4670	285	2008-14	Aspen, Dakota, Ram (flex fuel)	93.00	1.20	397 BF PM S	2M5165	8	STD
								1.50	126 RVT PC GI	2M5165010		0.25
								2.50	995 FV CR	2M5165020		0.50
									732 FV CR	2M5165030		0.75
										2M5165040		1.00
	8 CYL	5.3 L	5326	325	1957-58	Dodge	93.66	2.00	032 BF PC GI	681	8	STD
								2.00	126 RVT PC GI	681030		0.75
								4.75	860 FV CR			
									732 FV CR			
S21, S22, S23, S24	8 CYL	5.4 L	5408	330	1955-56	All V8 Models Desoto	94.46	2.00	032 BF PC GI	450	8	STD
								2.00	126 RVT PC GI	450030		0.75
								4.75	860 FV CR	450040		1.00
									732 FV CR	450060		1.50
									362 BF 3CR GI	2C450	8	STD
									126 RVT PC GI	2C450030		0.75
									860 FV CR	2C450040		1.00
									732 FV CR	2C450060		1.50
									327 BF PM GI	2M450	8	STD
									126 RVT PC GI	2M450030		0.75
									860 FV CR	2M450040		1.00
									732 FV CR	2M450060		1.50
	8 CYL	4.5 L	4539	277	1956-57	P29 Plymouth	95.25	2.00	032 BF PC GI	568	8	STD
								2.00	126 RVT PC GI	568010		0.25
								4.75	860 FV CR	568020		0.50
									732 FV CR	568030		0.75
										568040		1.00
										568060		1.50
										568080		2.00
										568100		2.50
									363 BF CR GI	2C568	8	STD
									126 RVT PC GI	2C568010		0.25
									860 FV CR	2C568020		0.50
									732 FV CR	2C568030		0.75
										2C568040		1.00
										2C568060		1.50
									327 BF PM GI	2M568	8	STD
									126 RVT PC GI	2M568010		0.25
									860 FV CR	2M568020		0.50
									732 FV CR	2M568030		0.75
										2M568040		1.00
										2M568060		1.50
										2M568080		2.00
										2M568100		2.50
Vin: F,G,K,V	6 CYL	3.5 L	3452	215	1996-10	Chry., Concord, LHS	96.00	1.20	398 BF CR S	2C4890	6	STD
								1.50	126 RVT PC GI	2C4890004		0.10
								3.00	872 FV CR	2C4890010		0.25
									732 FV CR	2C4890020		0.50
										2C4890030		0.75
										2C4890040		1.00
										2C4890060		1.50
									397 BF PM S	2M4890	6	STD
									126 RVT PC GI	2M4890010		0.25
									872 FV CR	2M4890020		0.50
									732 FV CR	2M4890030		0.75
										2M4890040		1.00
Vin: F,G,K,V	6 CYL	3.5 L	3452	215	1996-10	Chry., Concord, LHS	96.00	1.20	398 BF CR S	2C4890	6	STD
								1.50	126 RVT PC GI	2C4890004		0.10
								3.00	872 FV CR	2C4890010		0.25
									732 FV CR	2C4890020		0.50
										2C4890030		0.75
										2C4890040		1.00
										2C4890060		1.50
									397 BF PM S	2M4890	6	STD
									126 RVT PC GI	2M4890010		0.25
									872 FV CR	2M4890020		0.50
									732 FV CR	2M4890030		0.75
										2M4890040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-CARS												
Vin: F,G,K,V	6 CYL	3.5 L	3452	215	1996-10	Chry., Concord, LHS	96.00	1.20	398 BF CR S	2C4890	6	STD
								1.50	126 RVT PC GI	2C4890004		0.10
								3.00	872 FV CR	2C4890010		0.25
									732 FV CR	2C4890020		0.50
										2C4890030		0.75
										2C4890040		1.00
										2C4890060		1.50
									397 BF PM S	2M4890	6	STD
									126 RVT PC GI	2M4890010		0.25
									872 FV CR	2M4890020		0.50
									732 FV CR	2M4890030		0.75
										2M4890040		1.00
	6 CYL	3.5 L	3507	214		Dodge, Plymouth	96.00	1.50	032 BF PC GI	4648	6	STD
								1.50	126 RVT PC GI	4648010		0.25
								3.00	872 FV CR	4648020		0.50
									732 FV CR	4648030		0.75
										4648040		1.00
										4648060		1.50
									327 BF PM GI	2M4648	6	STD
									126 RVT PC GI	2M4648020		0.50
									872 FV CR	2M4648030		0.75
									732 FV CR	2M4648040		1.00
										2M4648060		1.50
									322 BF GN SS	2N4648	6	STD
									126 RVT PC GI	2N464850		0.50
									987 FV GN SS			
									714 GN SS			
Vin: L,6	6 CYL	3.8 L	3785	231	1991-02	Dodge, Plymouth	96.00	1.50	032 BF PC GI	4648	6	STD
								1.50	126 RVT PC GI	4648010		0.25
								3.00	872 FV CR	4648020		0.50
									732 FV CR	4648030		0.75
										4648040		1.00
										4648060		1.50
									327 BF PM GI	2M4648	6	STD
									126 RVT PC GI	2M4648020		0.50
									872 FV CR	2M4648030		0.75
									732 FV CR	2M4648040		1.00
										2M4648060		1.50
									322 BF GN SS	2N4648	6	STD
									126 RVT PC GI	2N464850		0.50
									987 FV GN SS			
									714 GN SS			
Vin: L,P,1	6 CYL	3.8 L	3785	231	2001-10	Dodge, Intrepid	96.00	1.20	398 BF CR S	2C4890	6	STD
								1.50	126 RVT PC GI	2C4890004		0.10
								3.00	872 FV CR	2C4890010		0.25
									732 FV CR	2C4890020		0.50
										2C4890030		0.75
										2C4890040		1.00
										2C4890060		1.50
									397 BF PM S	2M4890	6	STD
									126 RVT PC GI	2M4890010		0.25
									872 FV CR	2M4890020		0.50
									732 FV CR	2M4890030		0.75
										2M4890040		1.00
Vin: L,P,1	6 CYL	3.8 L	3785	231	2001-10	Dodge, Intrepid	96.00	1.20	398 BF CR S	2C4890	6	STD
								1.50	126 RVT PC GI	2C4890004		0.10
								3.00	872 FV CR	2C4890010		0.25
									732 FV CR	2C4890020		0.50
										2C4890030		0.75
										2C4890040		1.00
										2C4890060		1.50
									397 BF PM S	2M4890	6	STD
									126 RVT PC GI	2M4890010		0.25
									872 FV CR	2M4890020		0.50
									732 FV CR	2M4890030		0.75
										2M4890040		1.00
Vin: X	6 CYL	4.0 L	3952	241	2007-11	Chrysler	96.00	1.20	398 BF CR S	2C4890	6	STD
								1.50	126 RVT PC GI	2C4890004		0.10
								3.00	872 FV CR	2C4890010		0.25
									732 FV CR	2C4890020		0.50
										2C4890030		0.75
										2C4890040		1.00
										2C4890060		1.50
									397 BF PM S	2M4890	6	STD
									126 RVT PC GI	2M4890010		0.25
									872 FV CR	2M4890020		0.50
									732 FV CR	2M4890030		0.75
										2M4890040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-CARS												
Vin: X	6 CYL	4.0 L	3952	241	2007-11	Chrysler	96.00	1.20	398 BF CR S	2C4890	6	STD
								1.50	126 RVT PC GI	2C4890004		0.10
								3.00	872 FV CR	2C4890010		0.25
									732 FV CR	2C4890020		0.50
										2C4890030		0.75
										2C4890040		1.00
										2C4890060		1.50
									397 BF PM S	2M4890	6	STD
									126 RVT PC GI	2M4890010		0.25
									872 FV CR	2M4890020		0.50
									732 FV CR	2M4890030		0.75
										2M4890040		1.00
Vin: G	6 CYL	3.6 L	3605	220	2011-17		96.00	1.20	398 BF CR S	2C4550	6	STD
								1.20	126 RVT PC GI	2C4550020		0.50
								2.00	991 FV CR	2C4550030		0.75
									005 FV CR	2C4550040		1.00
S25, S26	8 CYL	5.6 L	5588	341	1957	Adventurer, Desoto Fireflite, Firedome	96.04	2.00	362 BF 3CR GI	2C682	8	STD
								2.00	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
	8 CYL	5.1 L	5129	313	1957-65	Canada	98.43	2.00	032 BF PC GI	660	8	STD
								2.00	126 RVT PC GI	660010		0.25
								4.75	860 FV CR	660020		0.50
									732 FV CR	660030		0.75
										660040		1.00
										660060		1.50
										660080		2.00
									363 BF CR GI	2C660	8	STD
									126 RVT PC GI	2C660010		0.25
									860 FV CR	2C660020		0.50
									732 FV CR	2C660030		0.75
										2C660040		1.00
										2C660060		1.50
										2C660080		2.00
									327 BF PM GI	2M660	8	STD
									126 RVT PC GI	2M660010		0.25
									860 FV CR	2M660020		0.50
									732 FV CR	2M660030		0.75
										2M660040		1.00
										2M660060		1.50
										2M660080		2.00
	6 CYL	3.9 L	3917	239	1987-91	Dodge, Plymouth	99.31	2.00	032 BF PC GI	5560	6	STD
								2.00	126 RVT PC GI	5560020		0.50
								4.75	860 FV CR	5560030		0.75
									732 FV CR	5560040		1.00
										5560060		1.50
									362 BF 3CR GI	2C5560	6	STD
									126 RVT PC GI	2C5560020		0.50
									860 FV CR	2C5560030		0.75
									732 FV CR	2C5560040		1.00
										2C5560060		1.50
									397 BF PM S	2M5560	6	STD
									126 RVT PC GI	2M5560020		0.50
									860 FV CR	2M5560030		0.75
									732 FV CR	2M5560040		1.00
										2M5560060		1.50
	6 CYL	4.3 L	4300	265	1971-80	Centura,Charger Valiant	99.31	2.00	032 BF PC GI	5560	6	STD
								2.00	126 RVT PC GI	5560020		0.50
								4.75	860 FV CR	5560030		0.75
									732 FV CR	5560040		1.00
										5560060		1.50
									362 BF 3CR GI	2C5560	6	STD
									126 RVT PC GI	2C5560020		0.50
									860 FV CR	2C5560030		0.75
									732 FV CR	2C5560040		1.00
										2C5560060		1.50
									397 BF PM S	2M5560	6	STD
									126 RVT PC GI	2M5560020		0.50
									860 FV CR	2M5560030		0.75
									732 FV CR	2M5560040		1.00
										2M5560060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-CARS												
	8 CYL	4.9 L	4933	301	1957	Chry., Dodge, Plymouth	99.31	2.00	032 BF PC GI	148	8	STD
								2.00	126 RVT PC GI	148020		0.50
								4.75	860 FV CR	148030		0.75
									732 FV CR	148040		1.00
										148060		1.50
									362 BF 3CR GI	2C148	8	STD
									126 RVT PC GI	2C148010		0.25
									860 FV CR	2C148020		0.50
									732 FV CR	2C148030		0.75
										2C148040		1.00
										2C148060		1.50
										2C148070		1.75
									397 BF PM S	2M148	8	STD
									126 RVT PC GI	2M148020		0.50
									860 FV CR	2M148030		0.75
									732 FV CR	2M148040		1.00
										2M148060		1.50
	8 CYL	5.2 L	5211	318	1958-89	Chry., Dodge, Plymouth	99.31	2.00	032 BF PC GI	148	8	STD
								2.00	126 RVT PC GI	148020		0.50
								4.75	860 FV CR	148030		0.75
									732 FV CR	148040		1.00
										148060		1.50
									362 BF 3CR GI	2C148	8	STD
									126 RVT PC GI	2C148010		0.25
									860 FV CR	2C148020		0.50
									732 FV CR	2C148030		0.75
										2C148040		1.00
										2C148060		1.50
										2C148070		1.75
									397 BF PM S	2M148	8	STD
									126 RVT PC GI	2M148020		0.50
									860 FV CR	2M148030		0.75
									732 FV CR	2M148040		1.00
										2M148060		1.50
EZB, EZC, EZH Vin: T	8 CYL	5.7 L	5654	345	2009-15	300, Challenger, Charger, Durango, Hemi	99.50	1.20	397 BF PM S	2M5141	8	STD
								1.20	126 RVT PC GI	2M5141004		0.10
								2.00	989 FV CR	2M5141020		0.50
									732 FV CR	2M5141030		0.75
										2M5141040		1.00
Vin; D,H,2	8 CYL	5.7 L	5703	348	2003-08	Hemi	99.50	1.50	032 BF PC GI	5097	8	STD
								1.50	126 RVT PC GI	5097010		0.25
								3.00	997 FV CR	5097020		0.50
									732 FV CR	5097030		0.75
										5097040		1.00
									397 BF PM S	2M5097	8	STD
									126 RVT PC GI	2M5097010		0.25
									997 FV CR	2M5097020		0.50
									732 FV CR	2M5097030		0.75
										2M5097040		1.00
										2M5097060		1.50
EZH Vin: T	8 CYL	5.7 L	5654	345	2009-18	Commander, Grand Cherokee	99.50	1.20	397 BF PM S	2M5141	8	STD
								1.20	126 RVT PC GI	2M5141004		0.10
								2.00	989 FV CR	2M5141020		0.50
									732 FV CR	2M5141030		0.75
										2M5141040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-CARS												
	8 CYL	5.9 L	5899	360	1971-95	Chry., Dodge, Plymouth	101.60	2.00	032 BF PC GI	139	8	STD
								2.00	126 RVT PC GI	139010		0.25
								4.75	860 FV CR	139020		0.50
									732 FV CR	139030		0.75
										139040		1.00
										139060		1.50
										139070		1.75
										139080		2.00
										139100		2.50
									362 BF 3CR GI	2C139	8	STD
									126 RVT PC GI	2C139010		0.25
									860 FV CR	2C139020		0.50
									732 FV CR	2C139030		0.75
										2C139040		1.00
										2C139060		1.50
										2C139070		1.75
										2C139080		2.00
									397 BF PM S	2M139	8	STD
									126 RVT PC GI	2M139005		0.13
									860 FV CR	2M139010		0.25
									732 FV CR	2M139020		0.50
										2M139030		0.75
										2M139040		1.00
										2M139060		1.50
										2M139070		1.75
										2M139080		2.00
										2M139100		2.50
	10 CYL	8.0 L	7997	488	1994-96	Dodge Viper, RT/10, MPI, M/T	101.60	1.50	397 BF PM S	2M4816	10	STD
								1.50	126 RVT PC GI	2M4816020		0.50
								3.00	872 FV CR	2M4816030		0.75
									732 FV CR	2M4816040		1.00
										2M4816060		1.50
	8 CYL	5.6 L	5572	340	1968-73		102.62	2.00	032 BF PC GI	694	8	STD
								2.00	126 RVT PC GI	694020		0.50
								4.75	860 FV CR	694030		0.75
									732 FV CR	694040		1.00
										694060		1.50
										694070		1.75
									362 BF 3CR GI	2C694	8	STD
									126 RVT PC GI	2C694020		0.50
									860 FV CR	2C694030		0.75
									732 FV CR	2C694040		1.00
									397 BF PM S	2M694	8	STD
									126 RVT PC GI	2M694020		0.50
									860 FV CR	2M694030		0.75
									732 FV CR	2M694040		1.00
										2M694060		1.50
Vin. W, 3	8 CYL	6.1 L	6063	370	2005-10		102.99	1.50	397 BF PM S	2M4907	8	STD
								1.50	126 RVT PC GI	2M4907010		0.25
								3.00	054 FV CR	2M4907020		0.50
									732 FV CR	2M4907030		0.75
										2M4907040		1.00
										2M4907060		1.50
Vin: N, Z	10 CYL	8.4 L	8439	515	2008-13	Dodge Viper, SRT	103.00	1.50	397 BF PM S	2M5378	10	STD
								1.50	406 N PC DI	2M5378020		0.50
								3.00	054 FV CR	2M5378030		0.75
									732 FV CR	2M5378040		1.00
ESD Supercharged	8 CYL	6.2L	6166	376	2015-18	Dodge Challenger, Charger	103.90	1.20	397 BF PM S	2M4161	8	STD
								1.20	406 N PC DI			
								2.00	991 FV CR			
									732 FV CR			
ESG Vin; J	8 CYL	6.4 L	6424	392	2011-20	Hemi OHV FI	104.00	1.20	397 BF PM S	2M5379	8	STD
								1.20	406 N PC DI	2M5379020		0.50
								2.00	934 FV CR	2M5379030		0.75
									935 FV CR	2M5379040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-INDUSTRIAL												
T25, T50, T57, T81, T105	6 CYL						79.38	3.18	032 BF PC GI	142	6	STD
								3.18	126 RVT PC GI			
								4.00	860 FV CR			
									732 FV CR			
								4.00	501 1PCO PC GI			
T57, T105, T112, T125	6 CYL						79.38	2.38	032 BF PC GI	143	6	STD
								3.18	126 RVT PC GI			
								4.00	860 FV CR			
									732 FV CR			
								4.00	501 1PCO PC GI			
T26, T72, T96	6 CYL						82.55	3.18	032 BF PC GI	441	6	STD
								3.18	126 RVT PC GI			
								4.00	860 FV CR			
									732 FV CR			
								4.00	501 1PCO PC GI			
T116, T207, T211, T215	6 CYL						82.55	2.38	032 BF PC GI	443	6	STD
								3.18	126 RVT PC GI			
								4.00	860 FV CR			
									732 FV CR			
								4.00	501 1PCO PC GI			
C30, C36, IND9, IND12	8 CYL						82.55	2.38	032 BF PC GI	446	8	STD
								2.38	126 RVT PC GI	446040		1.00
								4.00	860 FV CR			
									732 FV CR			
								4.00	501 1PCO PC GI			
H170, H225, HB170, HB225, HC170, HC225	6 CYL						86.36	2.00	032 BF PC GI	687	6	STD
								2.00	126 RVT PC GI	687020		0.50
								4.75	860 FV CR	687030		0.75
									732 FV CR	687040		1.00
										687060		1.50
									362 BF 3CR GI	2C687	6	STD
									126 RVT PC GI	2C687020		0.50
									860 FV CR	2C687030		0.75
									732 FV CR	2C687040		1.00
										2C687060		1.50
									327 BF PM GI	2M687	6	STD
									126 RVT PC GI	2M687030		0.75
									860 FV CR	2M687040		1.00
									732 FV CR	2M687060		1.50
T42, T118, T120, T130, IND7, IND8, IND8A, 32, 33, 90BA, IND236, 251, 265 Repl. Eng. 237, 251	6 CYL						87.31	2.38	032 BF PC GI	445	6	STD
								2.38	126 RVT PC GI			
								4.00	860 FV CR			
									732 FV CR			
								4.00	501 1PCO PC GI			
									362 BF 3CR GI	2C445	6	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
									501 1PCO PC GI			
IND18, IND18A, VT344, VT346	8 CYL						87.31	2.00	032 BF PC GI	627	8	STD
								2.00	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
T42, IND8A, MA7-3, M47-4	6 CYL						87.31	2.00	032 BF PC GI	663	6	STD
								2.00	126 RVT PC GI	663030		0.75
								4.75	860 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C663	6	STD
									126 RVT PC GI	2C663030		0.75
									860 FV CR			
									732 FV CR			
52, M44S	8 CYL						90.49	2.00	032 BF PC GI	630	8	STD
								2.00	126 RVT PC GI	630060		1.50
								4.75	860 FV CR			
									732 FV CR			
54	8 CYL						94.46	2.00	032 BF PC GI	450	8	STD
								2.00	126 RVT PC GI	450030		0.75
								4.75	860 FV CR	450040		1.00
									732 FV CR	450060		1.50
									362 BF 3CR GI	2C450	8	STD
									126 RVT PC GI	2C450030		0.75
									860 FV CR	2C450040		1.00
									732 FV CR	2C450060		1.50
									327 BF PM GI	2M450	8	STD
									126 RVT PC GI	2M450030		0.75
									860 FV CR	2M450040		1.00
									732 FV CR	2M450060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-INDUSTRIAL												
H318, HB318, HC318, HT318,M80, M318A, M318B, M318C	8 CYL						99.31	2.00	032 BF PC GI	148	8	STD
								2.00	126 RVT PC GI	148020		0.50
								4.75	860 FV CR	148030		0.75
									732 FV CR	148040		1.00
										148060		1.50
									362 BF 3CR GI	2C148	8	STD
									126 RVT PC GI	2C148010		0.25
									860 FV CR	2C148020		0.50
									732 FV CR	2C148030		0.75
										2C148040		1.00
										2C148060		1.50
										2C148070		1.75
									397 BF PM S	2M148	8	STD
									126 RVT PC GI	2M148020		0.50
									860 FV CR	2M148030		0.75
									732 FV CR	2M148040		1.00
										2M148060		1.50
IND56A, M45-3, M45SP3	8 CYL						100.01	2.00	032 BF PC GI	636	8	STD
								2.00	126 RVT PC GI	636030		0.75
								4.75	860 FV CR			
									732 FV CR			
T190, T199, IND15, IND15A, 34, 35	6 CYL						101.60	2.38	363 BF CR GI	2C5156	6	STD
								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								6.35	860 FV CR			
									732 FV CR			
H361, HB361, HC361	8 CYL						104.78	2.00	032 BF PC GI	661	8	STD
								2.00	126 RVT PC GI	661010		0.25
								4.75	860 FV CR	661020		0.50
									732 FV CR	661030		0.75
										661040		1.00
										661060		1.50
									362 BF 3CR GI	2C661	8	STD
									126 RVT PC GI	2C661040		1.00
									860 FV CR			
									732 FV CR			
									327 BF PM GI	2M661	8	STD
									126 RVT PC GI	2M661010		0.25
									860 FV CR	2M661020		0.50
									732 FV CR	2M661030		0.75
										2M661040		1.00
										2M661060		1.50
HT361	8 CYL						104.78	2.38	363 BF CR GI	2C6094	8	STD
								2.38	126 RVT PC GI	2C6094020		0.50
								4.75	860 FV CR	2C6094030		0.75
									732 FV CR	2C6094040		1.00
										2C6094060		1.50
									327 BF PM GI	2M6094	8	STD
									126 RVT PC GI	2M6094030		0.75
									860 FV CR	2M6094040		1.00
									732 FV CR	2M6094060		1.50
H413	8 CYL						106.36	2.00	032 BF PC GI	437	8	STD
								2.00	126 RVT PC GI	437030		0.75
								4.75	860 FV CR	2M437030		0.75
									732 FV CR	437040		1.00
										2M437040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-INDUSTRIAL												
H383, HA383, M383, M383B, M426, M426D, M426D-606, 607, 608	8 CYL						107.95	2.00	032 BF PC GI	683	8	STD
								2.00	126 RVT PC GI	683010		0.25
								4.75	860 FV CR	683020		0.50
									732 FV CR	683030		0.75
										683040		1.00
										683060		1.50
										683080		2.00
										683100		2.50
									363 BF CR GI	2C683	8	STD
									126 RVT PC GI	2C683010		0.25
									860 FV CR	2C683020		0.50
									732 FV CR	2C683030		0.75
										2C683040		1.00
										2C683060		1.50
									397 BF PM S	2M683	8	STD
									126 RVT PC GI	2M683010		0.25
									860 FV CR	2M683020		0.50
									732 FV CR	2M683030		0.75
										2M683040		1.00
										2M683060		1.50
										2M683070		1.75
										2M683080		2.00
										2M683100		2.50
Irrigation Use	8 CYL	7.2 L	7210	440			109.73	2.00	032 BF PC GI	692	8	STD
								2.00	126 RVT PC GI	692010		0.25
								4.75	860 FV CR	692020		0.50
									732 FV CR	692030		0.75
										692040		1.00
										692060		1.50
									362 BF 3CR GI	2C692	8	STD
									126 RVT PC GI	2C692030		0.75
									860 FV CR	2C692040		1.00
									732 FV CR	2C692060		1.50
									345 T PM GI	2M692	8	STD
									126 RVT PC GI	2M692020		0.50
									860 FV CR	2M692030		0.75
									732 FV CR	2M692040		1.00
										2M692060		1.50
CHRYSLER-MARINE												
	6 CYL	3.6 L	3572	218		Ace, M46, M46S	82.55	2.38	032 BF PC GI	144	6	STD
								2.38	126 RVT PC GI	144040		1.00
								4.00	860 FV CR	144060		1.50
									732 FV CR			
								4.00	501 1PCO PC GI			
									362 BF 3CR GI	2C144	6	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
									501 1PCO PC GI			
	6 CYL	3.8 L	3769	230		Ace, M46, M46S	82.55	2.38	032 BF PC GI	144	6	STD
								2.38	126 RVT PC GI	144040		1.00
								4.00	860 FV CR	144060		1.50
									732 FV CR			
								4.00	501 1PCO PC GI			
									362 BF 3CR GI	2C144	6	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
									501 1PCO PC GI			
	6 CYL	2.8 L	2786	170		M170, A; M225A, D;A, A-J Jet,103 series	86.36	2.00	032 BF PC GI	687	6	STD
								2.00	126 RVT PC GI	687020		0.50
								4.75	860 FV CR	687030		0.75
									732 FV CR	687040		1.00
										687060		1.50
									362 BF 3CR GI	2C687	6	STD
									126 RVT PC GI	2C687020		0.50
									860 FV CR	2C687030		0.75
									732 FV CR	2C687040		1.00
										2C687060		1.50
									327 BF PM GI	2M687	6	STD
									126 RVT PC GI	2M687030		0.75
									860 FV CR	2M687040		1.00
									732 FV CR	2M687060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-MARINE												
	6 CYL	3.2 L	3245	198		A-J Jet,103 series	86.36	2.00	032 BF PC GI	687	6	STD
								2.00	126 RVT PC GI	687020		0.50
								4.75	860 FV CR	687030		0.75
									732 FV CR	687040		1.00
										687060		1.50
									362 BF 3CR GI	2C687	6	STD
									126 RVT PC GI	2C687020		0.50
									860 FV CR	2C687030		0.75
									732 FV CR	2C687040		1.00
										2C687060		1.50
									327 BF PM GI	2M687	6	STD
									126 RVT PC GI	2M687030		0.75
									860 FV CR	2M687040		1.00
									732 FV CR	2M687060		1.50
	6 CYL	3.7 L	3687	225			86.36	2.00	032 BF PC GI	687	6	STD
								2.00	126 RVT PC GI	687020		0.50
								4.75	860 FV CR	687030		0.75
									732 FV CR	687040		1.00
										687060		1.50
									362 BF 3CR GI	2C687	6	STD
									126 RVT PC GI	2C687020		0.50
									860 FV CR	2C687030		0.75
									732 FV CR	2C687040		1.00
										2C687060		1.50
									327 BF PM GI	2M687	6	STD
									126 RVT PC GI	2M687030		0.75
									860 FV CR	2M687040		1.00
									732 FV CR	2M687060		1.50
	6 CYL	4.1 L	4113	251		3 Ring Piston	87.31	2.00	032 BF PC GI	663	6	STD
								2.00	126 RVT PC GI	663030		0.75
								4.75	860 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C663	6	STD
									126 RVT PC GI	2C663030		0.75
									860 FV CR			
									732 FV CR			
	6 CYL	4.1 L	4113	251		Crown, M47, M47S	87.31	2.38	032 BF PC GI	445	6	STD
								2.38	126 RVT PC GI			
								4.00	860 FV CR			
									732 FV CR			
								4.00	501 1PCO PC GI			
									362 BF 3CR GI	2C445	6	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
									501 1PCO PC GI			
	6 CYL	4.3 L	4343	265		Crown, M47, M47S	87.31	2.38	032 BF PC GI	445	6	STD
								2.38	126 RVT PC GI			
								4.00	860 FV CR			
									732 FV CR			
								4.00	501 1PCO PC GI			
									362 BF 3CR GI	2C445	6	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
									501 1PCO PC GI			
	8 CYL	4.5 L	4474	273			92.08	2.00	032 BF PC GI	633	8	STD
								2.00	126 RVT PC GI	633010		0.25
								4.75	860 FV CR	633020		0.50
									732 FV CR	633030		0.75
										633040		1.00
										633060		1.50
									362 BF 3CR GI	2C633	8	STD
									126 RVT PC GI	2C633020		0.50
									860 FV CR	2C633030		0.75
									732 FV CR	2C633040		1.00
									327 BF PM GI	2M633	8	STD
									126 RVT PC GI	2M633030		0.75
									860 FV CR	2M633040		1.00
									732 FV CR	2M633060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-MARINE												
	8 CYL	5.2 L	5211	318		Shallow Oil Ring grv.	99.31	2.00	032 BF PC GI	4735	8	STD
								2.00	126 RVT PC GI	4735020		0.50
								4.00	872 FV CR	4735030		0.75
									732 FV CR	4735040		1.00
										4735060		1.50
									363 BF CR GI	2C4735	8	STD
									126 RVT PC GI	2C4735020		0.50
									872 FV CR	2C4735030		0.75
									732 FV CR	2C4735040		1.00
										2C4735060		1.50
									397 BF PM S	2M4735	8	STD
									126 RVT PC GI	2M4735020		0.50
									872 FV CR	2M4735030		0.75
									732 FV CR	2M4735040		1.00
										2M4735060		1.50
	8 CYL	5.2 L	5211	318			99.31	2.00	032 BF PC GI	148	8	STD
								2.00	126 RVT PC GI	148020		0.50
								4.75	860 FV CR	148030		0.75
									732 FV CR	148040		1.00
										148060		1.50
									362 BF 3CR GI	2C148	8	STD
									126 RVT PC GI	2C148010		0.25
									860 FV CR	2C148020		0.50
									732 FV CR	2C148030		0.75
										2C148040		1.00
										2C148060		1.50
										2C148070		1.75
									397 BF PM S	2M148	8	STD
									126 RVT PC GI	2M148020		0.50
									860 FV CR	2M148030		0.75
									732 FV CR	2M148040		1.00
										2M148060		1.50
	8 CYL	5.8 L	5801	354			100.01	2.00	032 BF PC GI	636	8	STD
								2.00	126 RVT PC GI	636030		0.75
								4.75	860 FV CR			
									732 FV CR			
	8 CYL	5.9 L	5899	360			101.60	2.00	032 BF PC GI	139	8	STD
								2.00	126 RVT PC GI	139010		0.25
								4.75	860 FV CR	139020		0.50
									732 FV CR	139030		0.75
										139040		1.00
										139060		1.50
										139070		1.75
										139080		2.00
										139100		2.50
									362 BF 3CR GI	2C139	8	STD
									126 RVT PC GI	2C139010		0.25
									860 FV CR	2C139020		0.50
									732 FV CR	2C139030		0.75
										2C139040		1.00
										2C139060		1.50
										2C139070		1.75
										2C139080		2.00
									397 BF PM S	2M139	8	STD
									126 RVT PC GI	2M139005		0.13
									860 FV CR	2M139010		0.25
									732 FV CR	2M139020		0.50
										2M139030		0.75
										2M139040		1.00
										2M139060		1.50
										2M139070		1.75
										2M139080		2.00
										2M139100		2.50
	8 CYL	5.6 L	5572	340			102.62	2.00	032 BF PC GI	694	8	STD
								2.00	126 RVT PC GI	694020		0.50
								4.75	860 FV CR	694030		0.75
									732 FV CR	694040		1.00
										694060		1.50
										694070		1.75
									362 BF 3CR GI	2C694	8	STD
									126 RVT PC GI	2C694020		0.50
									860 FV CR	2C694030		0.75
									732 FV CR	2C694040		1.00
									397 BF PM S	2M694	8	STD
									126 RVT PC GI	2M694020		0.50
									860 FV CR	2M694030		0.75
									732 FV CR	2M694040		1.00
										2M694060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-MARINE												
	8 CYL	5.9 L	5916	361			104.78	2.00	032 BF PC GI	661	8	STD
								2.00	126 RVT PC GI	661010		0.25
								4.75	860 FV CR	661020		0.50
									732 FV CR	661030		0.75
										661040		1.00
										661060		1.50
									362 BF 3CR GI	2C661	8	STD
									126 RVT PC GI	2C661040		1.00
									860 FV CR			
									732 FV CR			
									327 BF PM GI	2M661	8	STD
									126 RVT PC GI	2M661010		0.25
									860 FV CR	2M661020		0.50
									732 FV CR	2M661030		0.75
										2M661040		1.00
										2M661060		1.50
	8 CYL	5.9 L	5916	361			104.78	2.38	363 BF CR GI	2C6094	8	STD
								2.38	126 RVT PC GI	2C6094020		0.50
								4.75	860 FV CR	2C6094030		0.75
									732 FV CR	2C6094040		1.00
										2C6094060		1.50
									327 BF PM GI	2M6094	8	STD
									126 RVT PC GI	2M6094030		0.75
									860 FV CR	2M6094040		1.00
									732 FV CR	2M6094060		1.50
	8 CYL	6.8 L	6768	413			106.36	2.00	032 BF PC GI	437	8	STD
								2.00	126 RVT PC GI	437030		0.75
								4.75	860 FV CR	2M437030		0.75
									732 FV CR	437040		1.00
										2M437040		1.00
	8 CYL	6.8 L	6768	413			107.95	2.00	032 BF PC GI	683	8	STD
								2.00	126 RVT PC GI	683010		0.25
								4.75	860 FV CR	683020		0.50
									732 FV CR	683030		0.75
										683040		1.00
										683060		1.50
										683080		2.00
										683100		2.50
									363 BF CR GI	2C683	8	STD
									126 RVT PC GI	2C683010		0.25
									860 FV CR	2C683020		0.50
									732 FV CR	2C683030		0.75
										2C683040		1.00
										2C683060		1.50
									397 BF PM S	2M683	8	STD
									126 RVT PC GI	2M683010		0.25
									860 FV CR	2M683020		0.50
									732 FV CR	2M683030		0.75
										2M683040		1.00
										2M683060		1.50
										2M683070		1.75
										2M683080		2.00
										2M683100		2.50
	8 CYL	7.2 L	7210	440			109.73	2.00	032 BF PC GI	692	8	STD
								2.00	126 RVT PC GI	692010		0.25
								4.75	860 FV CR	692020		0.50
									732 FV CR	692030		0.75
										692040		1.00
										692060		1.50
									362 BF 3CR GI	2C692	8	STD
									126 RVT PC GI	2C692030		0.75
									860 FV CR	2C692040		1.00
									732 FV CR	2C692060		1.50
									345 T PM GI	2M692	8	STD
									126 RVT PC GI	2M692020		0.50
									860 FV CR	2M692030		0.75
									732 FV CR	2M692040		1.00
										2M692060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-MARINE												
	8 CYL	6.6 L	6555	400			110.29	2.00	032 BF PC GI	676	8	STD
								2.00	126 RVT PC GI	676030		0.75
								4.75	860 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C676	8	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
									327 BF PM GI	2M676	8	STD
									126 RVT PC GI	2M676020		0.50
									860 FV CR	2M676030		0.75
									732 FV CR	2M676040		1.00
CITROEN												
ZMZ (EB0)	3 CYL	1.0 L	999		2012-On	C3	71.00	1.00	322 BF GN SS	2N4057	3	STD
								1.00	123 RVT PC DI			
								2.00	248 CF CR			
									881 2PCO			
TU1, (H1B), TU1 K	4 CYL	1.1 L	1124		1987-04	AX11, ZX 1	72.00	1.50	362 BF 3CR GI	2C9356	4	STD
TU1 CP (HAZ)						BX 11, C15		2.00	401 SCRP PC GI	2C9356020		0.50
TU1M (HDZ)						AX 11 CAT		3.00	054 FV CR			
									732 FV CR			
8 HX, 8 HY	4 CYL	1.4 L	1399		2002-On	C 1, C 2, C 3, Xsara 1.4 HDi	73.70	2.50	213 FKST CC DI	2D7270	1	STD
DV4 TD						Diesel Eng		1.95	209 RVT PC DI	2D727025		0.25
D4V TED 4								2.50	248 CF CR	2D727050		0.50
									881 2PCO			
A06/635, A06/664	2 CYL	0.6 L	602		1968-90	Citroen 2 CV6, AMI 6,	74.00	1.50	362 BF 3CR GI	2C9503	2	STD
M28 (AM2), M28/1 (AK2)						Dyane 6,LNA, Mehari		2.00	401 SCRP PC GI	2C9503040		1.00
M4 (AM)/ R06 627								4.00	058 FV CR			
									732 FV CR			
K1B, K1G, KAZ, ALL TU3	4 CYL	1.4 L	1360		1983-10	AX 14, BX 14, C3, C15, ZX,	75.00	1.75	362 BF 3CR GI	2C9372	4	STD
K3A, K1H, K6D,K6E,						Nemo, Berlingo, Saxo		2.00	401 SCRP PC GI	2C9372010		0.25
								3.00	054 FV CR	2C9372020		0.50
K6F, KFT,KFV, KFW, KFX									732 FV CR	2C9372030		0.75
K2A,K1F, K2B, K2D, KAY												
HMP, HMT, HMZ, HNY,	3 CYL	1.2 L	1119		2013-18	C1, C3, C4, DS3, DS4	75.00	1.00	322 BF GN SS	2N4069	3	STD
HNZ								1.00	406 N PC DI	2N406925		0.25
								2.00	248 CF CR			
									881 2PCO			
DV6BTED4, DV6BUTED4	4 CYL	1.6 L	1560		2005-On	Berlingo 1.6, C3, C4, C5	75.00	2.50	271 FKST BF CC DI	2D7431	4	STD
DV6C, DV6DBM (9HE)						Diesel Eng		1.95	406 N PC DI	2D743125		0.25
DV6DTED, DV6ETEDM						Incl. Turbo		2.00	248 CF CR	2D743150		0.50
DV6ETED (9HW)									881 2PCO			
9HZ, DV6TED, DV6TED4	4 CYL	1.6 L	1560		2004-08	C3, C4, C5 HDi	75.00	3.00	213 FKST CC DI	2D7254	1	STD
						Turbo Diesel		1.95	202 TTF PC DI	2D725450		0.50
								2.50	204 CF CR DI			
									881 2PCO			
G103	4 CYL	1.2 L	1222			60CH Din TC: 8, 2,	77.00	1.75	362 BF 3CR GI	2C7215	4	STD
						GS7CV Berline Break		2.00	435 SCRP PC GI			
								4.00	056 FV CR			
									732 FV CR			
TUD 5, ATMO	4 CYL	1.5 L	1527		1995-03	AX, Saxo, Xsara, ZX	77.00	2.00	363 BF CR GI	2D4981	4	STD
						Diesel Eng		1.75	102 T PC GI	2D498125		0.25
								3.00	553 CF CR GI	2D498150		0.50
									881 2PCO	2D4981100		1.00
TU5JP (NFZ)	4 CYL	1.6 L	1587		1993-01	106I, II, 306206,	78.50	1.50	327 BF PM GI	2M9365	4	STD
TU5JP2(NFW/NFY)						106I, 106II		1.50	126 RVT PC GI	2M9365010		0.25
TU5JP4(N6A)						206 16V		3.00	054 FV CR	2M9365020		0.50
Peugeot Eng.									732 FV CR			
DW 8, DW 8 B,	4 CYL	1.9 L	1868		1998-05	Berlingo, Xsara	82.20	2.00	205 BF CR DI	2D5858	1	STD
WJY, WJZ						Diesel Eng		2.00	210 SCRP TF PC DI	2D585850		0.50
								3.00	204 CF CR DI			
									881 2PCO			
XUD 9, XUD 9 A	4 CYL	1.9 L	1905		1991-On	Expert, Jumpy, Jumper,	83.00	2.00	032 BF PC GI	4865	4	STD
						Berlingo, Xsara,BX, ZX,		2.00	126 RVT PC GI	4865020		0.50
						C25, Xantia, Relay,		3.00	054 FV CR			
						Dispatch,Evasion, Exprt			732 FV CR			
						Diesel Eng						
									362 BF 3CR GI	2D4865	4	STD
									126 RVT PC GI	2D486550		0.50
									204 CF CR DI			
									881 2PCO			
XUD9BSD, XUD9BTF,	4 CYL	1.9 L	1905		1992-03	Evasion,Jumper Box,	83.00	3.50	224 FKST PM DI	2M7157	1	STD
XUD9SD, SUD9TE,						Xantia, ZX		2.00	202 TTF PC DI			
XUD9TF, XUD9UF						Turbo Diesel		3.00	204 CF CR DI			
									881 2PCO			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CITROEN												
XUD9BSD, XUD9BTF, XUD9SD, XUD9TE, XUD9TF	4 CYL	1.9 L	1905		1992-03	Evasion,Jumper Box, Xantia, ZX Turbo Diesel	83.00	3.00 2.00 3.00	221 FKST CC DI 202 TTF PC DI 204 CF CR DI 881 2PCO	2D7351	1	STD
DJY, D9B, XUD9A	4 CYL	1.9 L	1905		1983-02	Diesel Eng	83.00	2.00 2.00 3.00	239 BF CC DI 123 RVT PC DI 204 CF CR DI 881 2PCO	2D7435 2D743525 2D743550	1	STD 0.25 0.50
XU7JB, XU7JP, XU9JA XU92C, XU9J1,XU9J2	4 CYL	1.3 L	1275		1993-02	Berlingo, Xantia, ZX BX Break	83.00	1.50 1.50 4.00	376 BF CR DI 126 RVT PC GI 058 FV CR 732 FV CR	2C5881	4	STD
DT20C	6 CYL	3.0 L	2993		2009-On	C5, C6 Diesel Eng.	84.00	2.00 2.00 2.00	255 TBF CC DI 126 RVT PC GI 553 2PCO CR GI 881 2PCO	2D7308	1	STD
RFH, RFJ, RFK, RFN, RFR, RLZ (EW10A)	4 CYL	2.0 L	1998		1999-13	C4, C, C8 Jumpy	85.00	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C4106 2C410625 2C410650	4	STD 0.25 0.50
									220 TBF PM DI 406 N PC DI 995 FV CR 732 FV CR	2M4106 2M410620 2M410640 2M410660 2M410680	4	STD 0.20 0.40 0.60 0.80
AHR, AHV, AHW, AHX, RHC, RHD, RHE, RHH	4 CYL	2.0 L	1997		2009-18	C4, C5, DS5, Jumpy Diesel Eng	85.00	2.00 2.00 2.00	272 HKST BF CC DI 123 RVT PC DI 248 CF CR 881 2PCO	2D4143 2D414360	4	STD 0.60
DW12C (4HL), DW12MTED4 (4HN)	4 CYL	2.2 L	2179		2007-On	C5, C-Crosser Diesel Eng	85.00	2.50 2.00 2.00	273 FKST BF CC DI 126 RVT PC GI 248 CF CR 881 2PCO	2D7549 2D754925 2D754950	4	STD 0.25 0.50
DW 10 TD, RHY, RHZ, DW 10 ATED, DW 10 ATED 4	4 CYL	2.0 L	1999		1999-08	C5, HDi Berlingo, Xsara, Zantia Turbo Diesel	85.00	3.50 2.00 3.00	213 FKST CC DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2D7176 2D717660	1	STD 0.60
DW12TED, DW 12 TED4	4 CYL	2.2 L	2179		2001-04	HDi Break, Estate Turbo Diesel	85.00	3.50 2.00 3.00	213 FKST CC DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2D7176 2D717660	1	STD 0.60
829.A5	4 CYL	2.0 L	1995		1979-80	CXI, CXII, CXIII	88.00	1.75 2.00 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	4257	4	STD
									327 BF PM GI 126 RVT PC GI 056 FV CR 732 FV CR	2M4257 2M4257010	4	STD 0.25
JT6A500/J6RA500	4 CYL	2.2 L	2165		1981-93	CXI, CXII, CXIII Break, Familiale Paklas, TRS	88.00	1.75 2.00 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	4257	4	STD
									327 BF PM GI 126 RVT PC GI 056 FV CR 732 FV CR	2M4257 2M4257010	4	STD 0.25
	4 CYL	1.7 L	1679		1966-75	O.H.V	90.00	2.00 2.00 5.00	362 BF 3CR GI 401 SCRP PC GI 871 FV CR 732 FV CR	2C6864	4	STD
B25637,CRD93L,CRD93B M22-629, M25-629, M25-637, M25-660	4 CYL	2.5 L	2498		1978-94	CX I, CXII, C25, C35	93.00	2.50 2.00 4.00	335 T PM DI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D9349 2D934950 2D934975	4	STD 0.50 0.75
8140.43 (F28D)	4 CYL	2.8 L	2798		1992-02	Jumper Diesel	94.40	3.00 2.00 2.50	225 FKST CR DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2C7449	1	STD
8140.43N, 8140.43S, F28TDCR	4 CYL	2.8 L	2798		2000-10	Jumper w/2.5mm Keystone top grv. Turbo Diesel	94.40	2.50 2.00 2.50	233 FKST PM DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2M7450	1	STD

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CONTINENTAL												
	4 CYL					N62, N4062	60.33	2.38	032 BF PC GI	5671	4	STD
								2.38	126 RVT PC GI			
								4.75	870 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C5671	4	STD
									126 RVT PC GI	2C5671030		0.75
									870 FV CR			
									732 FV CR			
	4 CYL					F163	3 7/16	2.00	032 BF PC GI	6677	4	STD
						Fits Service Piston for F162		2.38	126 RVT PC GI	6677020		0.50
								2.38	126 RVT PC GI	6677030		0.75
								6.35	860 FV CR	6677060		1.50
									732 FV CR			
									362 BF 3CR GI	2C6677	4	STD
									126 RVT PC GI	2C6677030		0.75
									126 RVT PC GI	2C6677040		1.00
									860 FV CR			
									732 FV CR			
									327 BF PM GI	2M6677	4	STD
									126 RVT PC GI	2M6677040		1.00
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
	4 CYL					AU10, AU10R, Y69A	66.68	2.38	102 T PC GI	7859	4	STD
								2.38	126 RVT PC GI			
								4.75	871 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C7859	4	STD
									126 RVT PC GI	2C7859020		0.50
									871 FV CR	2C7859030		0.75
									732 FV CR	2C7859040		1.00
	4 CYL					C4113, F124, F4124,	76.20	3.18	032 BF PC GI	727	4	STD
						LF124, PF124		3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								6.35	860 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C727	4	STD
									126 RVT PC GI			
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
	6 CYL					F186, F6186	76.20	3.18	032 BF PC GI	4182	6	STD
								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								6.35	860 FV CR			
									732 FV CR			
	4 CYL					F124, F4124, LF124, PF124	76.20	3.18	362 BF 3CR GI	2C7758	4	STD
								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								4.75	871 FV CR			
									732 FV CR			
	6 CYL					FS218	82.55	2.38	032 BF PC GI	144	6	STD
								2.38	126 RVT PC GI	144040		1.00
								4.00	860 FV CR	144060		1.50
									732 FV CR			
								4.00	501 1PCO PC GI			
									362 BF 3CR GI	2C144	6	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
									501 1PCO PC GI			
	4 CYL					Z129, ZA129	82.55	3.18	362 BF 3CR GI	2C7789	4	STD
								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
	6 CYL					F226, F6226, FO6226	84.14	2.38	032 BF PC GI	4233	6	STD
						Checker Cab		2.38	126 RVT PC GI	4233040		1.00
								4.00	860 FV CR			
									732 FV CR			
								4.00	501 1PCO PC GI			
									901 GL			
	6 CYL					F226, F227	84.14	2.00	032 BF PC GI	6912	6	STD
						Cont. Piston #F227A4061E		2.38	126 RVT PC GI			
								2.38	126 RVT PC GI			
								6.35	860 FV CR			
									732 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CONTINENTAL												
	4 CYL					Z134	84.14	3.18	362 BF 3CR GI	2C7578	4	STD
								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
Sleeved Eng.	4 CYL					Z134	85.73	2.38	362 BF 3CR GI	2C7207	4	STD
								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								6.35	860 FV CR			
									732 FV CR			
	4 CYL					G157 AI Piston GD157-Diesel Eng	85.73	3.18	362 BF 3CR GI	2D7536	4	STD
								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								6.35	553 CF CR GI			
									881 2PCO			
	4 CYL					Z129, Z134 Increase Bore	85.73	2.38	362 BF 3CR GI	2C7671	4	STD
								2.38	126 RVT PC GI			
								2.38	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
Sleeved Eng.	4 CYL					C143, C400, C4143, G157 4 Ring Piston CI Piston 7-145 Aluminum Piston Z145, Z134 Increase Bore	85.73	3.18	362 BF 3CR GI	2C7762	4	STD
								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
	6 CYL					F245 Fits Service Piston for F244	3 7/16	2.00	032 BF PC GI	6678	6	STD
								2.38	126 RVT PC GI	6678020		0.50
								2.38	126 RVT PC GI	6678030		0.75
								6.35	860 FV CR	6678060		1.50
									732 FV CR			
									362 BF 3CR GI	2C6678	6	STD
									126 RVT PC GI	2C6678030		0.75
									126 RVT PC GI	2C6678040		1.00
									860 FV CR			
									732 FV CR			
	1 CYL					TM13, 20, 27 LP or Natural Gas	91.00	2.00	363 BF CR GI	2C5659	1	STD
								2.00	126 RVT PC GI	2C5659020		0.50
								4.00	860 FV CR	2C5659030		0.75
									732 FV CR	2C5659040		1.00
CUMMINS												
12 cu. ft.						Compressor Diesel Eng	87.31	2.38	032 BF PC GI	6588	1	STD
								2.38	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C6588	1	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
13.2 cu. ft. Sleeved Eng.						Compressor Diesel Eng	92.08	3.18	126 RVT PC GI	5838	1	STD
								3.18	126 RVT PC GI	5838010		0.25
								4.75	860 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C5838	1	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
4BT	4 CYL	3.9 L	3900	239		Turbo Diesel	102.00	3.00	208 FKST CC DI	2C4936	4	STD
								2.35	135 T PC GI			
								4.00	553 CF CR GI			
									881 2PCO			
4BT-G3, 4B, 4B3.9M, 4BT, 4BT3.9M	4 CYL	3.9 L	3922		2008-On	AMW Series 2500 2516HL AMW Series 2500 2516TM Turbo Diesel	102.00	3.00	208 FKST CC DI	2D7484	1	STD
								3.00	170 FKST PC GI	2D7484020		0.50
								4.00	553 CF CR GI	2D7484040		1.00
									881 2PCO			
6 BT	6 CYL	5.9 L	5880		1999-02	12 Valve/ 24 Valve Turbo Diesel	102.00	3.00	208 FKST CC DI	2D4914	6	STD
								2.35	135 T PC GI	2D491450		0.50
								4.00	553 CF CR GI	2D491475		0.75
									881 2PCO	2D4914100		1.00
6 BT5.9, 6 BTA	6 CYL	5.9 L	5880	359	2004-07	AMW Series 12 Valve/ 24 Valve Turbo Diesel OE Ref#3804990/4089258	102.00	3.00	208 FKST CC DI	2D7276	6	STD
								2.39	129 T PC	2D727650		0.50
								4.00	553 CF CR GI	2D7276100		1.00
									881 2PCO			
B Series	6 CYL	5.9 L	5880	359		Non Turbo, 12valve Naturally Aspirated OE Ref.#3802040 Diesel Eng	102.00	2.40	205 BF CR DI	2D7518	1	STD
								2.35	135 T PC GI	2D7518020		0.50
								4.00	553 CF CR GI	2D7518040		1.00
									881 2PCO			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CUMMINS												
6B5.9, 6BT5.9, 6BTA-5.9	6 CYL	5.9 L	5883			Turbo Diesel	102.00	3.00	208 FKST CC DI	2D7484	1	STD
						OE Ref. #3802750		3.00	170 FKST PC GI	2D7484020		0.50
						Turbo Diesel		4.00	553 CF CR GI	2D7484040		1.00
									881 2PCO			
95,100 H.P.	6 CYL					J, J6	104.78	3.18	372 FKST CR DI	2C6016	6	STD
105, 110 H.P						JF, JF6		3.18	170 FKST PC GI			
125, 130 H.P						JN, JN6		3.18	170 FKST PC GI			
150, 160 H.P						JS, JS6		4.75	565 CF CR GI			
165, 175 H.P						JNS,JNS6			881 2PCO			
175 H.P.						JT, JT6, JT10, JT15, JT20						
						Diesel Eng						
ETJ, EJK,	6 CYL	6.7 L	6700	408	2007-17	OE Ref. #4955366	107.00	2.87	224 FKST PM DI	2M5872	6	STD
ISB 200						Turbo Diesel		2.50	126 RVT PC GI	2M587250		0.50
Vin. C,A,L								3.46	553 CF CR GI	2M5872100		1.00
									881 2PCO			
165, 175 H.P	6 CYL					HR, HR6	130.18	4.00	381 FKST CR DI	2C6500	6	STD
180 H.P						HR600, HRB1600,		4.00	180 FKST PC GI			
						HRF, HRF6, IRB600		4.00	180 FKST PC GI			
180, 190 H.P						HRF20, HRF6-20		6.35	579 CF KST CR GI			
225, 240 H.P						HRS, HRS6			881 2PCO			
200 H.P						HT6, NH, NH10, NH20						
375 H.P						NFT, NFT6						
220 H.P						NH220						
275 H.P						NHBS600						
180 H.P						NHE180						
195 H.P						NHE195						
300, 320 H.P						NHHS, NHHRS, NHR,						
						NHRS, NHRS6						
275, 290 H.P.						NHS, NHS6						
300 H.P						NHS600, NRT, NRT6, NRT20						
335, 375 H.P						NRTO, NRTO6						
250 H.P						NT, NT6, NT20						
400, 450 H.P						NVH, NVH12						
Sleeved Eng.						Diesel Eng						
DACIA												
H4B 400	3 CYL	0.9 L	898		2012-On	Logan, Sandero	72.20	1.20	326 TBF GN SS	2N5307	1	STD
H4B 405								1.50	410 TFN CR DI			
H4B 408								2.00	993 FV GN SS			
H4B 410									714 GN SS			
H5F 402	4 CYL	1.2 L	1197		2012-18	Dokker, Duster, Lodgy	72.20	1.20	326 TBF GN SS	2N5307	1	STD
H5F 404								1.50	410 TFN CR DI			
H5F 410								2.00	993 FV GN SS			
									714 GN SS			
DAEWOO												
F6B	3 CYL	0.6 L	600		1999-On	Matiz, Tico	68.50	1.20	398 BF CR S	2C5039	3	STD
Suzuki Eng.								1.50	126 RVT PC GI	2C5039010		0.25
								2.80	859 FV CR	2C5039020		0.50
									732 FV CR	2C5039030		0.75
										2C5039040		1.00
3EA	3 CYL	0.8 L	796		2003-On	Matiz	68.50	1.20	398 BF CR S	2C5273	1	STD
Pontiac Eng								1.20	126 RVT PC GI	2C5273010		0.25
SOHC								2.50	995 FV CR	2C5273020		0.50
									732 FV CR	2C5273030		0.75
										2C5273040		1.00
										2C5273060		1.50
F8C, F8CV	3 CYL	0.8 L	800		1999-02	Damas, Mitiz, Tico	68.50	1.20	398 BF CR S	2C5039	3	STD
Suzuki Eng.								1.50	126 RVT PC GI	2C5039010		0.25
								2.80	859 FV CR	2C5039020		0.50
									732 FV CR	2C5039030		0.75
										2C5039040		1.00
4EA	4 CYL	1.0 L	995		2003-10	Matiz, Tico	68.50	1.20	398 BF CR S	2C4522	4	STD
Pontiac Eng								1.20	126 RVT PC GI	2C452250		0.50
SOHC								2.50	995 FV CR	2C452275		0.75
									732 FV CR	2C4522100		1.00
LQ5	4 CYL	1.2 L	1150		2006-07	AVEO Stufenheck	68.50	1.20	398 BF CR S	2C4522	4	STD
Pontiac Eng								1.20	126 RVT PC GI	2C452250		0.50
SOHC								2.50	995 FV CR	2C452275		0.75
									732 FV CR	2C4522100		1.00
	4 CYL	1.4 L	1378				76.50	1.20	398 BF CR S	2C5177	4	STD
								1.50	401 SCRP PC GI	2C5177010		0.25
								2.50	995 FV CR	2C5177020		0.50
									732 FV CR	2C5177030		0.75

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
DAEWOO												
A15MF	4 CYL	1.5 L	1498		1985-96	Leman, Espeso,	76.50	1.50	032 BF PC GI	4819	4	STD
						Lanos, Kadett		1.50	401 SCRP PC GI	4819010		0.25
						Nubira, Nexia,		3.00	054 FV CR	4819020		0.50
									732 FV CR	4819030		0.75
										4819040		1.00
									362 BF 3CR GI	2C4819	4	STD
									401 SCRP PC GI	2C4819010		0.25
									054 FV CR	2C4819020		0.50
									732 FV CR	2C4819030		0.75
										2C4819040		1.00
DAF												
DF 615, DT 615,	6 CYL	6.1 L		6137	1961-91	Diesel Eng.	104.17	2.50	363 BF CR GI	2D7095	1	STD
DTD 615								2.50	035 TF P GI			
								2.50	035 TF P GI			
								6.00	200 CF PC GI			
								6.00	501 1PCO PC GI			
DAIHATSU												
	3 CYL	0.8 L	843		1983-98	Charade CD	70.00	1.50	032 BF PC GI	6163	3	STD
						Hi-Jet, Sparcar, Zebra		1.50	126 RVT PC GI			
								2.80	859 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C6163	3	STD
									126 RVT PC GI	2C6163010		0.25
									859 FV CR	2C6163020		0.50
									732 FV CR	2C6163030		0.75
EJ Gasoline	3 CYL	1.0 L	989		2003-On	Mira, Gino, Storia	72.00	1.20	398 BF CR S	2C5189	3	STD
								1.20	126 RVT PC GI	2C5189010		0.25
								2.50	995 FV CR	2C5189020		0.50
									732 FV CR	2C5189030		0.75
										2C5189040		1.00
K3-VE	4 CYL	1.3 L	1298		2005-08	Sirion, Terios	72.00	1.20	398 BF CR S	2C5266	4	STD
Toyota Eng.								1.20	126 RVT PC GI	2C5266010		0.25
DOHC								2.00	990 FV CR	2C5266016		0.40
									732 FV CR	2C5266020		0.50
										2C5266024		0.60
										2C5266030		0.75
										2C5266040		1.00
EK23	2 CYL	0.5 L	544			Fuji	76.00	1.50	032 BF PC GI	6153	2	STD
								1.50	126 RVT PC GI	6153010		0.25
								2.80	861 FV CR	6153020		0.50
									732 FV CR	6153030		0.75
										6153040		1.00
									362 BF 3CR GI	2C6153	2	STD
									126 RVT PC GI	2C6153010		0.25
									861 FV CR	2C6153020		0.50
									732 FV CR	2C6153030		0.75
										2C6153040		1.00
CB10, CB32, CB90, G10	3 CYL	1.0 L	993		1978-92	Charade	76.00	1.50	032 BF PC GI	4459	3	STD
								1.50	435 SCRP PC GI	4459020		0.50
								2.80	861 FV CR	4459030		0.75
									732 FV CR	4459040		1.00
									362 BF 3CR GI	2C4459	3	STD
									435 SCRP PC GI	2C4459010		0.25
									861 FV CR	2C4459020		0.50
									732 FV CR	2C4459030		0.75
										2C4459040		1.00
HCE	4 CYL	1.3 L	1295		1989-92	Applause, Charade,	76.00	1.20	398 BF CR S	2C4875	4	STD
						G102S, G112S		1.50	126 RVT PC GI	2C4875010		0.25
								3.00	996 FV CR	2C4875020		0.50
									732 FV CR	2C4875030		0.75
HDE	4 CYL	1.6 L	1589		1990-92	Rocky	76.00	1.20	398 BF CR S	2C4875	4	STD
								1.50	126 RVT PC GI	2C4875010		0.25
								3.00	996 FV CR	2C4875020		0.50
									732 FV CR	2C4875030		0.75
DEUTZ												
BF 4 L 913	4 CYL	4.1 L	4086		1982-On	Diesel Eng.	102.00	2.94	379 FKST BF PM DI	2D5635	1	STD
BF 4 L 913 T								3.00	225 FKST CR DI			
								2.50	035 TF PC GI			
								5.00	553 2PCO CR GI			
BF 4 L 913 T	4 CYL	4.1 L	4086		1982-On	Diesel Eng.	102.00	2.94	379 FKST BF PM DI	2D5646	1	STD
								2.50	035 TF PC GI			
								2.50	414 TFN GI			
								5.00	553 2PCO CR GI			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
DEUTZ												
BF 6 L 913 BF 6 L 913 C BF 6 L 913 T	6 CYL	6.1 L	6128		1986-On	Diesel Eng.	102.00	2.94 3.00 2.50 5.00	379 FKST BF PM DI 225 FKST CR DI 035 TF PC GI 553 2PCO CR GI	2D5635	1	STD
BF 6 L 913 T	6 CYL	6.1 L	6128		1986-On	Diesel Eng.	102.00	2.94 2.50 2.50 5.00	379 FKST BF PM DI 035 TF PC GI 414 TFN GI 553 2PCO CR GI	2D5646	1	STD
DODGE-TRUCKS												
	4 CYL	1.6 L	1597	98	1971-84		76.90	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	675 675010 675020 675030 675040 675060	4	STD 0.25 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C675 2C675010 2C675020 2C675030 2C675040	4	STD 0.25 0.50 0.75 1.00
	6 CYL				1935-40	K, LF, TD, VD Series	82.55	3.18 3.18 4.00 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	441	6	STD
	6 CYL	3.6 L	3572	218	1934-56	L-head	82.55	2.38 2.38 4.00 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	144 144040 144060	6	STD 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C144	6	STD
	6 CYL	3.8 L	3769	230	1941-60	L-head	82.55	2.38 2.38 4.00 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	144 144040 144060	6	STD 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C144	6	STD
EXM	6 CYL	3.0 L	2987		2007-09	Sprinter Diesel Eng	83.00	2.00 2.00 2.00	240 FKST CC DI 126 RVT PC GI 248 CF CR 881 2PCO	2D7367	1	STD
	4 CYL	2.0 L	1999	122	1979-82	D50	84.00	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	4247 4247020 4247030 4247040 4247060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C4247 2C4247010 2C4247020 2C4247030 2C4247040 2C4247060	4	STD 0.25 0.50 0.75 1.00 1.50
A Eng.	4 CYL	2.0 L	1999	122	1987-89		85.00	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	6899 6899010 6899020 6899030 6899040 6899060	4	STD 0.25 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C6899 2C6899010 2C6899020 2C6899030 2C6899040 2C6899060	4	STD 0.25 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 056 FV CR 732 FV CR	2M6899 2M6899010 2M6899020 2M6899060	4	STD 0.25 0.50 1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
DODGE-TRUCKS												
A Eng.	4 CYL	2.0 L	1999	122	1983-86		85.00	2.00	032 BF PC GI	6171	4	STD
								2.00	126 RVT PC GI	6171020		0.50
								4.00	058 FV CR	6171030		0.75
									732 FV CR	6171040		1.00
										6171060		1.50
									362 BF 3CR GI	2C6171	4	STD
									126 RVT PC GI	2C6171020		0.50
									058 FV CR	2C6171030		0.75
									732 FV CR	2C6171040		1.00
										2C6171060		1.50
Vin. A	6 CYL	2.8 L	2786	170	1961-69		86.36	2.00	032 BF PC GI	687	6	STD
								2.00	126 RVT PC GI	687020		0.50
								4.75	860 FV CR	687030		0.75
									732 FV CR	687040		1.00
										687060		1.50
									362 BF 3CR GI	2C687	6	STD
									126 RVT PC GI	2C687020		0.50
									860 FV CR	2C687030		0.75
									732 FV CR	2C687040		1.00
										2C687060		1.50
									327 BF PM GI	2M687	6	STD
									126 RVT PC GI	2M687030		0.75
									860 FV CR	2M687040		1.00
									732 FV CR	2M687060		1.50
Vin. A	6 CYL	3.2 L	3245	198	1970-73		86.36	2.00	032 BF PC GI	687	6	STD
								2.00	126 RVT PC GI	687020		0.50
								4.75	860 FV CR	687030		0.75
									732 FV CR	687040		1.00
										687060		1.50
									362 BF 3CR GI	2C687	6	STD
									126 RVT PC GI	2C687020		0.50
									860 FV CR	2C687030		0.75
									732 FV CR	2C687040		1.00
										2C687060		1.50
									327 BF PM GI	2M687	6	STD
									126 RVT PC GI	2M687030		0.75
									860 FV CR	2M687040		1.00
									732 FV CR	2M687060		1.50
Vin. B, C, E, M, N, W, X	6 CYL	3.7 L	3687	225	1961-87		86.36	2.00	032 BF PC GI	687	6	STD
								2.00	126 RVT PC GI	687020		0.50
								4.75	860 FV CR	687030		0.75
									732 FV CR	687040		1.00
										687060		1.50
									362 BF 3CR GI	2C687	6	STD
									126 RVT PC GI	2C687020		0.50
									860 FV CR	2C687030		0.75
									732 FV CR	2C687040		1.00
										2C687060		1.50
									327 BF PM GI	2M687	6	STD
									126 RVT PC GI	2M687030		0.75
									860 FV CR	2M687040		1.00
									732 FV CR	2M687060		1.50
4G64 Mitsubishi Eng	4 CYL	2.4 L	2350	146	1990-93		86.50	1.50	032 BF PC GI	4638	4	STD
								1.50	126 RVT PC GI	4638020		0.50
								4.00	058 FV CR	4638030		0.75
									732 FV CR	4638040		1.00
										4638060		1.50
									362 BF 3CR GI	2C4638	4	STD
									126 RVT PC GI	2C4638010		0.25
									058 FV CR	2C4638020		0.50
									732 FV CR	2C4638030		0.75
										2C4638040		1.00
4G64 Mitsubishi Eng	4 CYL	2.4 L	2350	146	1993-96		86.50	1.20	398 BF CR S	2C4783	4	STD
								1.50	126 RVT PC GI	2C4783010		0.25
								3.00	997 FV CR	2C4783020		0.50
									732 FV CR	2C4783030		0.75
										2C4783040		1.00
										2C4783060		1.50
4G64 Mitsubishi Eng	4 CYL	2.4 L	2400	146	1993-05	RSD2	86.50	1.20	398 BF CR S	2C4780	4	STD
								1.50	126 RVT PC GI	2C4780020		0.50
								2.80	997 FV CR	2C4780030		0.75
									732 FV CR	2C4780040		1.00
										2C4780060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
DODGE-TRUCKS												
	6 CYL	4.1 L	4113	251	1954-68		87.31	2.00	032 BF PC GI	663	6	STD
								2.00	126 RVT PC GI	663030		0.75
								4.75	860 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C663	6	STD
									126 RVT PC GI	2C663030		0.75
									860 FV CR			
									732 FV CR			
	6 CYL	4.3 L	4343	265	1955-68		87.31	2.00	032 BF PC GI	663	6	STD
								2.00	126 RVT PC GI	663030		0.75
								4.75	860 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C663	6	STD
									126 RVT PC GI	2C663030		0.75
									860 FV CR			
									732 FV CR			
Vin. B, C, D	4 CYL	2.2 L	2212	135	1981-85	Deep Oil Ring Grv.	87.50	1.50	032 BF PC GI	5652	4	STD
								1.50	126 RVT PC GI	5652010		0.25
								4.00	056 FV CR	5652020		0.50
									732 FV CR	5652030		0.75
										5652040		1.00
										5652060		1.50
									363 BF CR GI	2C5652	4	STD
									126 RVT PC GI	2C5652010		0.25
									056 FV CR	2C5652020		0.50
									732 FV CR	2C5652030		0.75
										2C5652040		1.00
										2C5652060		1.50
									327 BF PM GI	2M5652	4	STD
									126 RVT PC GI	2M5652010		0.25
									056 FV CR	2M5652020		0.50
									732 FV CR	2M5652030		0.75
										2M5652040		1.00
										2M5652060		1.50
Vin. B, C, D	4 CYL	2.2 L	2212	135	1985-89	Shallow Oil Ring Grv.	87.50	1.50	032 BF PC GI	4222	4	STD
								1.50	126 RVT PC GI	4222020		0.50
								4.00	872 FV CR	4222030		0.75
									732 FV CR	4222040		1.00
										4222060		1.50
									362 BF 3CR GI	2C4222	4	STD
									126 RVT PC GI	2C4222020		0.50
									872 FV CR	2C4222030		0.75
									732 FV CR			
									335 T PM DI	2M4222	4	STD
									126 RVT PC GI	2M4222010		0.25
									872 FV CR	2M4222020		0.50
									732 FV CR	2M4222030		0.75
										2M4222040		1.00
										2M4222060		1.50
Vin: B,R,X,1,3	4 CYL	2.4 L	2429	148	1998-05		87.50	1.20	398 BF CR S	2C4948	4	STD
								1.50	126 RVT PC GI	2C4948010		0.25
								3.00	872 FV CR	2C4948020		0.50
									732 FV CR	2C4948030		0.75
										2C4948040		1.00
	4 CYL	2.5 L	2507	153	1986-95	Shallow Oil Ring Grv.	87.50	1.50	032 BF PC GI	4222	4	STD
								1.50	126 RVT PC GI	4222020		0.50
								4.00	872 FV CR	4222030		0.75
									732 FV CR	4222040		1.00
										4222060		1.50
									362 BF 3CR GI	2C4222	4	STD
									126 RVT PC GI	2C4222020		0.50
									872 FV CR	2C4222030		0.75
									732 FV CR			
									335 T PM DI	2M4222	4	STD
									126 RVT PC GI	2M4222010		0.25
									872 FV CR	2M4222020		0.50
									732 FV CR	2M4222030		0.75
										2M4222040		1.00
										2M4222060		1.50
OM 612, OM 647 Mercedes Eng.	5 CYL	2.7 L	2685	165	2003-10	Sprinter 20 V Turbo Diesel L5	88.00	2.50	212 TBF CC DI	2D7291	1	STD
								2.00	229 TTF PC DI	2D729150		0.50
								3.00	204 CF CR DI			
									881 2PCO			
C3B8, C8, D8, F8, G8, H8	8 CYL	4.3 L	4261	260	1955-56		90.49	2.00	032 BF PC GI	630	8	STD
								2.00	126 RVT PC GI	630060		1.50
								4.75	860 FV CR			
									732 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
DODGE-TRUCKS												
4D55	4 CYL	2.3 L	2343	143	1983-87	Ram, D50 Diesel Eng	91.10	2.50	370 HKST 3CR GI	2D5666	4	STD
								2.00	370 HKST 3CR GI	2D566650		0.50
								4.00	204 CF CR DI	2D566675		0.75
									881 2PCO	2D5666100		1.00
G54B	4 CYL	2.6 L	2555	156	1979-83		91.10	2.00	032 BF PC GI	5595	4	STD
Vin. E, G, W, 7, F								2.00	126 RVT PC GI	5595010		0.25
Mitisubishi Eng								4.00	870 FV CR	5595020		0.50
									732 FV CR	5595030		0.75
										5595040		1.00
										5595060		1.50
									362 BF 3CR GI	2C5595	4	STD
									126 RVT PC GI	2C5595010		0.25
									870 FV CR	2C5595020		0.50
									732 FV CR	2C5595030		0.75
										2C5595040		1.00
										2C5595060		1.50
									327 BF PM GI	2M5595	4	STD
									126 RVT PC GI	2M5595010		0.25
									870 FV CR	2M5595020		0.50
									732 FV CR	2M5595030		0.75
										2M5595040		1.00
										2M5595060		1.50
G54B	4 CYL	2.6 L	2555	156	1983-89		91.10	1.50	032 BF PC GI	5667	4	STD
Vin. E,G								1.50	126 RVT PC GI	5667010		0.25
Mitisubishi Eng								4.00	056 FV CR	5667020		0.50
									732 FV CR	5667030		0.75
										5667040		1.00
										5667060		1.50
									363 BF CR GI	2C5667	4	STD
									126 RVT PC GI	2C5667010		0.25
									056 FV CR	2C5667020		0.50
									732 FV CR	2C5667030		0.75
										2C5667040		1.00
										2C5667060		1.50
6G72	6 CYL	3.0 L	2972	181	1987-04		91.10	1.50	032 BF PC GI	4453	6	STD
Vin: H								1.50	126 RVT PC GI	4453010		0.25
Mitsubishi Eng								4.00	870 FV CR	4453020		0.50
									732 FV CR	4453030		0.75
										4453040		1.00
										4453060		1.50
									335 T PM DI	2M4453	6	STD
									126 RVT PC GI	2M4453010		0.25
									870 FV CR	2M4453020		0.50
									732 FV CR	2M4453030		0.75
										2M4453040		1.00
										2M4453060		1.50
6G72	6 CYL	3.0 L	2972	181	1991-05	Dodge Stratus	91.10	1.20	398 BF CR S	2C4670	6	STD
Vin: H								1.50	126 RVT PC GI	2C4670020		0.50
Mitsubishi Eng								3.00	997 FV CR	2C4670030		0.75
									732 FV CR	2C4670040		1.00
										2C4670060		1.50
	8 CYL	4.4 L	4425	270	1955-59		92.08	2.00	032 BF PC GI	633	8	STD
								2.00	126 RVT PC GI	633010		0.25
								4.75	860 FV CR	633020		0.50
									732 FV CR	633030		0.75
										633040		1.00
										633060		1.50
									362 BF 3CR GI	2C633	8	STD
									126 RVT PC GI	2C633020		0.50
									860 FV CR	2C633030		0.75
									732 FV CR	2C633040		1.00
									327 BF PM GI	2M633	8	STD
									126 RVT PC GI	2M633030		0.75
									860 FV CR	2M633040		1.00
									732 FV CR	2M633060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
DODGE-TRUCKS												
	8 CYL	4.5 L	4474	273	1964-67		92.08	2.00	032 BF PC GI	633	8	STD
								2.00	126 RVT PC GI	633010		0.25
								4.75	860 FV CR	633020		0.50
									732 FV CR	633030		0.75
										633040		1.00
										633060		1.50
									362 BF 3CR GI	2C633	8	STD
									126 RVT PC GI	2C633020		0.50
									860 FV CR	2C633030		0.75
									732 FV CR	2C633040		1.00
									327 BF PM GI	2M633	8	STD
									126 RVT PC GI	2M633030		0.75
									860 FV CR	2M633040		1.00
									732 FV CR	2M633060		1.50
	8 CYL	5.2 L	5162	315	1955-59		92.08	2.00	032 BF PC GI	633	8	STD
								2.00	126 RVT PC GI	633010		0.25
								4.75	860 FV CR	633020		0.50
									732 FV CR	633030		0.75
										633040		1.00
										633060		1.50
									362 BF 3CR GI	2C633	8	STD
									126 RVT PC GI	2C633020		0.50
									860 FV CR	2C633030		0.75
									732 FV CR	2C633040		1.00
									327 BF PM GI	2M633	8	STD
									126 RVT PC GI	2M633030		0.75
									860 FV CR	2M633040		1.00
									732 FV CR	2M633060		1.50
Vin: G,R,3	6 CYL	3.3 L	3294	201	1998-09	Shallow Top Grv.	93.00	1.50	335 T PM DI	2M5014	6	STD
								1.50	126 RVT PC GI	2M5014020		0.50
								3.00	872 FV CR	2M5014030		0.75
									732 FV CR	2M5014040		1.00
										2M5014060		1.50
Vin. K, J, R, 3	6 CYL	3.3 L	3300	201	1988-97		93.00	1.50	032 BF PC GI	4636	6	STD
								1.50	126 RVT PC GI	4636020		0.50
								3.00	872 FV CR	4636030		0.75
									732 FV CR	4636040		1.00
										4636060		1.50
									327 BF PM GI	2M4636	6	STD
									126 RVT PC GI	2M4636010		0.25
									872 FV CR	2M4636020		0.50
									732 FV CR	2M4636030		0.75
										2M4636040		1.00
										2M4636060		1.50
Vin: K	6 CYL	3.7 L	3703	226	1999-11		93.00	1.50	032 BF PC GI	4636	6	STD
								1.50	126 RVT PC GI	4636020		0.50
								3.00	872 FV CR	4636030		0.75
									732 FV CR	4636040		1.00
										4636060		1.50
									327 BF PM GI	2M4636	6	STD
									126 RVT PC GI	2M4636010		0.25
									872 FV CR	2M4636020		0.50
									732 FV CR	2M4636030		0.75
										2M4636040		1.00
										2M4636060		1.50
Vin: P	8 CYL	4.7 L	4670	285	2008-13	Dakota, Ram flex fuel	93.00	1.20	397 BF PM S	2M5165	8	STD
								1.50	126 RVT PC GI	2M5165010		0.25
								2.50	995 FV CR	2M5165020		0.50
									732 FV CR	2M5165030		0.75
										2M5165040		1.00
Vin. N	8 CYL	4.7 L	4703	287	1999-07		93.00	1.50	032 BF PC GI	4790	8	STD
								1.50	126 RVT PC GI	4790010		0.25
								3.00	872 FV CR	4790020		0.50
									732 FV CR	4790030		0.75
										4790040		1.00
									335 T PM DI	2M4790	8	STD
									126 RVT PC GI	2M4790010		0.25
									872 FV CR	2M4790020		0.50
									732 FV CR	2M4790030		0.75
										2M4790040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
DODGE-TRUCKS												
	6 CYL	3.5 L	3507	214	1993-94		96.00	1.50	032 BF PC GI	4648	6	STD
								1.50	126 RVT PC GI	4648010		0.25
								3.00	872 FV CR	4648020		0.50
									732 FV CR	4648030		0.75
										4648040		1.00
										4648060		1.50
									327 BF PM GI	2M4648	6	STD
									126 RVT PC GI	2M4648020		0.50
									872 FV CR	2M4648030		0.75
									732 FV CR	2M4648040		1.00
										2M4648060		1.50
									322 BF GN SS	2N4648	6	STD
									126 RVT PC GI	2N464850		0.50
									987 FV GN SS			
									714 GN SS			
ERB	6 CYL	3.6 L	3605	220	2011-15	Avenger, Caravan, Durango,	96.00	1.20	398 BF CR S	2C4550	6	STD
Vin: G						Journey,Flexfuel		1.20	126 RVT PC GI	2C4550020		0.50
								2.00	991 FV CR	2C4550030		0.75
									005 FV CR	2C4550040		1.00
	6 CYL	3.8 L	3785	231	1991-00		96.00	1.50	032 BF PC GI	4648	6	STD
								1.50	126 RVT PC GI	4648010		0.25
								3.00	872 FV CR	4648020		0.50
									732 FV CR	4648030		0.75
										4648040		1.00
										4648060		1.50
									327 BF PM GI	2M4648	6	STD
									126 RVT PC GI	2M4648020		0.50
									872 FV CR	2M4648030		0.75
									732 FV CR	2M4648040		1.00
										2M4648060		1.50
									322 BF GN SS	2N4648	6	STD
									126 RVT PC GI	2N464850		0.50
									987 FV GN SS			
									714 GN SS			
Vin. L, P, 1	6 CYL	3.8 L	3800	231	2001-10	Caravan, Nitro	96.00	1.20	398 BF CR S	2C4890	6	STD
								1.50	126 RVT PC GI	2C4890004		0.10
								3.00	872 FV CR	2C4890010		0.25
									732 FV CR	2C4890020		0.50
										2C4890030		0.75
										2C4890040		1.00
										2C4890060		1.50
									397 BF PM S	2M4890	6	STD
									126 RVT PC GI	2M4890010		0.25
									872 FV CR	2M4890020		0.50
									732 FV CR	2M4890030		0.75
										2M4890040		1.00
Vin. X	6 CYL	4.0 L	3952	241	2007-11	Caravan, Nitro	96.00	1.20	398 BF CR S	2C4890	6	STD
								1.50	126 RVT PC GI	2C4890004		0.10
								3.00	872 FV CR	2C4890010		0.25
									732 FV CR	2C4890020		0.50
										2C4890030		0.75
										2C4890040		1.00
										2C4890060		1.50
									397 BF PM S	2M4890	6	STD
									126 RVT PC GI	2M4890010		0.25
									872 FV CR	2M4890020		0.50
									732 FV CR	2M4890030		0.75
										2M4890040		1.00
L4	4 CYL	2.5 L	2507	153	1996-02		98.43	1.50	032 BF PC GI	4925	4	STD
Vin. P								1.50	126 RVT PC GI	4925020		0.50
								4.00	056 FV CR	4925030		0.75
									732 FV CR	4925040		1.00
										4925060		1.50
									327 BF PM GI	2M4925	4	STD
									126 RVT PC GI	2M4925020		0.50
									056 FV CR	2M4925030		0.75
									732 FV CR	2M4925040		1.00
										2M4925060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
DODGE-TRUCKS												
	8 CYL	5.1 L	5129	313	1958-65	Canada	98.43	2.00	032 BF PC GI	660	8	STD
								2.00	126 RVT PC GI	660010		0.25
								4.75	860 FV CR	660020		0.50
									732 FV CR	660030		0.75
										660040		1.00
										660060		1.50
										660080		2.00
									363 BF CR GI	2C660	8	STD
									126 RVT PC GI	2C660010		0.25
									860 FV CR	2C660020		0.50
									732 FV CR	2C660030		0.75
										2C660040		1.00
										2C660060		1.50
										2C660080		2.00
									327 BF PM GI	2M660	8	STD
									126 RVT PC GI	2M660010		0.25
									860 FV CR	2M660020		0.50
									732 FV CR	2M660030		0.75
										2M660040		1.00
										2M660060		1.50
										2M660080		2.00
Vin: X	6 CYL	3.9 L	3917	239	1992-03	Shallow Oil Ring Grv.	99.31	2.00	032 BF PC GI	4760	6	STD
								2.00	126 RVT PC GI	4760020		0.50
								4.00	872 FV CR	4760030		0.75
									732 FV CR	4760040		1.00
										4760060		1.50
									363 BF CR GI	2C4760	6	STD
									126 RVT PC GI	2C4760020		0.50
									872 FV CR	2C4760030		0.75
									732 FV CR	2C4760040		1.00
										2C4760060		1.50
									397 BF PM S	2M4760	6	STD
									126 RVT PC GI	2M4760020		0.50
									872 FV CR	2M4760030		0.75
									732 FV CR	2M4760040		1.00
										2M4760060		1.50
EHA	6 CYL	3.9 L	3917	239	1987-91		99.31	2.00	032 BF PC GI	5560	6	STD
								2.00	126 RVT PC GI	5560020		0.50
								4.75	860 FV CR	5560030		0.75
									732 FV CR	5560040		1.00
										5560060		1.50
									362 BF 3CR GI	2C5560	6	STD
									126 RVT PC GI	2C5560020		0.50
									860 FV CR	2C5560030		0.75
									732 FV CR	2C5560040		1.00
										2C5560060		1.50
									397 BF PM S	2M5560	6	STD
									126 RVT PC GI	2M5560020		0.50
									860 FV CR	2M5560030		0.75
									732 FV CR	2M5560040		1.00
										2M5560060		1.50
Vin. E, G, P, T, U, Y	8 CYL	5.2 L	5211	318	1959-93		99.31	2.00	032 BF PC GI	148	8	STD
								2.00	126 RVT PC GI	148020		0.50
								4.75	860 FV CR	148030		0.75
									732 FV CR	148040		1.00
										148060		1.50
									362 BF 3CR GI	2C148	8	STD
									126 RVT PC GI	2C148010		0.25
									860 FV CR	2C148020		0.50
									732 FV CR	2C148030		0.75
										2C148040		1.00
										2C148060		1.50
										2C148070		1.75
									397 BF PM S	2M148	8	STD
									126 RVT PC GI	2M148020		0.50
									860 FV CR	2M148030		0.75
									732 FV CR	2M148040		1.00
										2M148060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
DODGE-TRUCKS												
Vin:T,Y	8 CYL	5.2 L	5211	318	1991-03	Shallow Oil Ring Grv.	99.31	2.00	032 BF PC GI	4735	8	STD
								2.00	126 RVT PC GI	4735020		0.50
								4.00	872 FV CR	4735030		0.75
									732 FV CR	4735040		1.00
										4735060		1.50
									363 BF CR GI	2C4735	8	STD
									126 RVT PC GI	2C4735020		0.50
									872 FV CR	2C4735030		0.75
									732 FV CR	2C4735040		1.00
										2C4735060		1.50
									397 BF PM S	2M4735	8	STD
									126 RVT PC GI	2M4735020		0.50
									872 FV CR	2M4735030		0.75
									732 FV CR	2M4735040		1.00
										2M4735060		1.50
EZC, EZH Vin: T	8 CYL	5.7 L	5654	345	2009-15	Challenger, Charger, 300 Hemi	99.50	1.20	397 BF PM S	2M5141	8	STD
								1.20	126 RVT PC GI	2M5141004		0.10
								2.00	989 FV CR	2M5141020		0.50
									732 FV CR	2M5141030		0.75
										2M5141040		1.00
Vin: D,H,2	8 CYL	5.7 L	5703	348	2003-08	Hemi	99.50	1.50	032 BF PC GI	5097	8	STD
								1.50	126 RVT PC GI	5097010		0.25
								3.00	997 FV CR	5097020		0.50
									732 FV CR	5097030		0.75
										5097040		1.00
									397 BF PM S	2M5097	8	STD
									126 RVT PC GI	2M5097010		0.25
									997 FV CR	2M5097020		0.50
									732 FV CR	2M5097030		0.75
										2M5097040		1.00
										2M5097060		1.50
	8 CYL	5.8 L	5801	354	1957-59		100.01	2.00	032 BF PC GI	636	8	STD
								2.00	126 RVT PC GI	636030		0.75
								4.75	860 FV CR			
									732 FV CR			
Vin. F, K, W, S, T, U, V, Y, Z, 1, 5	8 CYL	5.9 L	5899	360	1972-94		101.60	2.00	032 BF PC GI	139	8	STD
								2.00	126 RVT PC GI	139010		0.25
								4.75	860 FV CR	139020		0.50
									732 FV CR	139030		0.75
										139040		1.00
										139060		1.50
										139070		1.75
										139080		2.00
										139100		2.50
									362 BF 3CR GI	2C139	8	STD
									126 RVT PC GI	2C139010		0.25
									860 FV CR	2C139020		0.50
									732 FV CR	2C139030		0.75
										2C139040		1.00
										2C139060		1.50
										2C139070		1.75
										2C139080		2.00
									397 BF PM S	2M139	8	STD
									126 RVT PC GI	2M139005		0.13
									860 FV CR	2M139010		0.25
									732 FV CR	2M139020		0.50
										2M139030		0.75
										2M139040		1.00
										2M139060		1.50
										2M139070		1.75
										2M139080		2.00
										2M139100		2.50
Vin: Z	8 CYL	5.9 L	5899	360	1995-04		101.60	1.50	032 BF PC GI	4726	8	STD
								1.50	126 RVT PC GI	4726020		0.50
								4.00	635 FV CR	4726030		0.75
									732 FV CR	4726040		1.00
										4726060		1.50
									397 BF PM S	2M4726	8	STD
									126 RVT PC GI	2M4726005		0.13
									635 FV CR	2M4726010		0.25
									732 FV CR	2M4726020		0.50
										2M4726030		0.75
										2M4726040		1.00
										2M4726060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
DODGE-TRUCKS												
	6 CYL	6.2 L	6178	377	1950-52		101.60	2.38	363 BF CR GI	2C5156	6	STD
								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								6.35	860 FV CR			
									732 FV CR			
Vin: W	10 CYL	8.0 L	7997	488	1994-03		101.60	1.50	397 BF PM S	2M4785	10	STD
								1.50	126 RVT PC GI	2M4785020		0.50
								4.00	872 FV CR	2M4785030		0.75
									732 FV CR	2M4785040		1.00
										2M4785060		1.50
6B-5.9, 6BT 5.9	6 CYL	5.9 L	5883	359	1989-03	D250, D350, Ram2500, 3500	102.00	3.00	208 FKST CC DI	2D4914	6	STD
Vin; C,D, 7, Z						W250, W350		2.35	135 T PC GI	2D491450		0.50
Cummins Eng. 12V, 24V						OE Ref. #3802421		4.00	553 CF CR GI	2D491475		0.75
incl Turbo						Diesel Eng			881 2PCO	2D4914100		1.00
6B-5.9, 4B-5.9	6 CYL	5.9 L	5883	359	2004-07	Ram 2500, 3500, 4000	102.00	3.00	208 FKST CC DI	2D7276	6	STD
12V, 24V						OE Ref #3804990/4089258		2.39	129 T PC	2D727650		0.50
Cummins Eng.						Diesel Eng		4.00	553 CF CR GI	2D7276100		1.00
incl Turbo						2nd ring increased gap			881 2PCO			
Vin. W, 3	8 CYL	6.1 L	6063	370	2005-10		103.00	1.50	397 BF PM S	2M4907	8	STD
								1.50	126 RVT PC GI	2M4907010		0.25
								3.00	054 FV CR	2M4907020		0.50
									732 FV CR	2M4907030		0.75
										2M4907040		1.00
										2M4907060		1.50
Vin. N,Z	10 CYL	8.4 L	8439	515	2008-14		103.00	1.50	397 BF PM S	2M5378	10	STD
								1.50	406 N PC DI	2M5378020		0.50
								3.00	054 FV CR	2M5378030		0.75
									732 FV CR	2M5378040		1.00
ESA,ESB	8 CYL	6.4L	6424	392	2014-18	RAM 2500, 3500, 4500, 5500	103.90	1.50	397 BF PM S	2M5433	8	STD
Vin: J								1.20	406 N PC DI			
Naturally Aspirated								2.00	991 FV CR			
									732 FV CR			
ESH	8 CYL	6.4 L	6424	392	2011-20	SRT8, Challengerr, Charger	104.00	1.20	397 BF PM S	2M5379	8	STD
Vin J						Hemi OHV FI		1.20	406 N PC DI	2M5379020		0.50
								2.00	934 FV CR	2M5379030		0.75
									935 FV CR	2M5379040		1.00
	8 CYL	5.9 L	5916	361	1960-76		104.78	2.38	363 BF CR GI	2C6094	8	STD
								2.38	126 RVT PC GI	2C6094020		0.50
								4.75	860 FV CR	2C6094030		0.75
									732 FV CR	2C6094040		1.00
										2C6094060		1.50
									327 BF PM GI	2M6094	8	STD
									126 RVT PC GI	2M6094030		0.75
									860 FV CR	2M6094040		1.00
									732 FV CR	2M6094060		1.50
ETJ, ETK	6 CYL	6.7 L	6700	408	2007-17	RAM 2500, 3500, 4500,5500	107.00	2.87	224 FKST PM DI	2M5872	6	STD
Vin. A,L						Turbo/Intercooled Cummins		2.50	126 RVT PC GI	2M587250		0.50
						OE Ref. #4955366		3.46	553 CF CR GI	2M5872100		1.00
						Diesel			881 2PCO			
Vin. J	8 CYL	6.3 L	6276	383	1967-71		107.95	2.00	032 BF PC GI	683	8	STD
								2.00	126 RVT PC GI	683010		0.25
								4.75	860 FV CR	683020		0.50
									732 FV CR	683030		0.75
										683040		1.00
										683060		1.50
										683080		2.00
										683100		2.50
									363 BF CR GI	2C683	8	STD
									126 RVT PC GI	2C683010		0.25
									860 FV CR	2C683020		0.50
									732 FV CR	2C683030		0.75
										2C683040		1.00
										2C683060		1.50
									397 BF PM S	2M683	8	STD
									126 RVT PC GI	2M683010		0.25
									860 FV CR	2M683020		0.50
									732 FV CR	2M683030		0.75
										2M683040		1.00
										2M683060		1.50
										2M683070		1.75
										2M683080		2.00
										2M683100		2.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
DODGE-TRUCKS												
	8 CYL	7.2 L	7210	440	1972-80		109.73	2.00	032 BF PC GI	692	8	STD
								2.00	126 RVT PC GI	692010		0.25
								4.75	860 FV CR	692020		0.50
									732 FV CR	692030		0.75
										692040		1.00
										692060		1.50
									362 BF 3CR GI	2C692	8	STD
									126 RVT PC GI	2C692030		0.75
									860 FV CR	2C692040		1.00
									732 FV CR	2C692060		1.50
									345 T PM GI	2M692	8	STD
									126 RVT PC GI	2M692020		0.50
									860 FV CR	2M692030		0.75
									732 FV CR	2M692040		1.00
										2M692060		1.50
	8 CYL	6.6 L	6555	400	1972-79		110.29	2.00	032 BF PC GI	676	8	STD
								2.00	126 RVT PC GI	676030		0.75
								4.75	860 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C676	8	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
									327 BF PM GI	2M676	8	STD
									126 RVT PC GI	2M676020		0.50
									860 FV CR	2M676030		0.75
									732 FV CR	2M676040		1.00
	8 CYL	7.8 L	7833	478	1970-78		114.30	2.38	032 BF PC GI	6309	8	STD
								2.38	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
									363 BF CR GI	2C6309	8	STD
									126 RVT PC GI	2C6309020		0.50
									860 FV CR	2C6309030		0.75
									732 FV CR	2C6309040		1.00
										2C6309060		1.50
	8 CYL	9.0 L	8997	549	1970-78		114.30	2.38	032 BF PC GI	6309	8	STD
								2.38	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
									363 BF CR GI	2C6309	8	STD
									126 RVT PC GI	2C6309020		0.50
									860 FV CR	2C6309030		0.75
									732 FV CR	2C6309040		1.00
										2C6309060		1.50
FAIRBANKS												
ZC Eng.						ZC118 6-7 H.P.	127.00	4.75	102 T PC GI	6081	1	STD
								4.75	435 SCRP PC GI			
								4.75	501 1PCO PC GI			
									825 2PCO			
Z Eng.						6 H.P.	146.05	4.75	102 T PC GI	6082	1	STD
ZC Eng.						ZC208 8-9 H.P.		4.75	435 SCRP PC GI	6082020		0.50
								4.75	501 1PCO PC GI	6082030		0.75
									825 2PCO			
FERGUSON												
Z120 Cont. TE20, TO20	4 CYL						82.55	2.38	032 BF PC GI	7582	4	STD
Allied #WSA312								2.38	126 RVT PC GI			
Genuine Parts #S104								4.00	860 FV CR			
Thompson #SA169									732 FV CR			
White Machine								4.00	501 1PCO PC GI			
#G219HCH												
INCREASE BORE												
Slv ASSEMBLY									362 BF 3CR GI	2C7582	4	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
									501 1PCO PC GI			
Z129 Eng. Cont. TO30	4 CYL						82.55	3.18	362 BF 3CR GI	2C7789	4	STD
								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FERGUSON												
Z129 Cont. TO30	4 CYL						84.14	2.38	032 BF PC GI	7537	4	STD
M & W Slv Kit								2.38	126 RVT PC GI			
Superior Piston #A993								4.00	860 FV CR			
Superior Piston #A1096									732 FV CR			
INCREASE BORE								4.00	501 1PCO PC GI			
Slv ASSEMBLY												
Z134 Cont. F40, 35, TO35	4 CYL						84.14	3.18	362 BF 3CR GI	2C7578	4	STD
								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
Z129 Cont. TO30	4 CYL						85.73	2.38	362 BF 3CR GI	2C7671	4	STD
Sealed Power #SL1762								2.38	126 RVT PC GI			
M & W Gear #SP23								2.38	126 RVT PC GI			
McQuay Norris #SA201								4.75	860 FV CR			
INCREASE BORE									732 FV CR			
Slv ASSEMBLY												
Z129 Eng. Cont. TO30	4 CYL						85.73	3.18	032 BF PC GI	7762	4	STD
M & W Slv Kit								3.18	126 RVT PC GI			
Superior Piston #A1096								3.18	126 RVT PC GI			
Superior Piston #A993								4.75	860 FV CR			
INCREASE BORE									732 FV CR			
Slv ASSEMBLY												
									362 BF 3CR GI	2C7762	4	STD
									126 RVT PC GI			
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
FIAT												
100D	4 CYL	0.8 L	767		1960-70	Fiat 600D, 770, 767	62.00	2.00	102 T PC GI	6717	4	STD
						Water Cooled OHV		2.00	401 SCRP PC GI	6717020		0.50
								4.00	055 FV CR	6717024		0.60
									732 FV CR	6717032		0.80
										6717040		1.00
									362 BF 3CR GI	2C6717	4	STD
									401 SCRP PC GI	2C6717016		0.40
									055 FV CR	2C6717020		0.50
									732 FV CR	2C6717024		0.60
										2C6717032		0.80
										2C6717040		1.00
										2C6717060		1.25
141 B.000	4 CYL	0.8 L	770		1986-95	Panda 750	65.00	1.75	102 T PC GI	6796	4	STD
								2.00	401 SCRP PC GI			
								4.00	055 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C6796	4	STD
									401 SCRP PC GI	2C679660		0.60
									055 FV CR			
									732 FV CR			
100 GL6.000	4 CYL	0.8 L	843		1963-73	850	65.00	1.75	102 T PC GI	6796	4	STD
								2.00	401 SCRP PC GI			
								4.00	055 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C6796	4	STD
									401 SCRP PC GI	2C679660		0.60
									055 FV CR			
									732 FV CR			
M020AA.09.0,146A.000,	4 CYL	0.9 L	903		1970-99	Uno 45, Panda, Panda 900,	65.00	1.75	102 T PC GI	6796	4	STD
146 A.1000,146 A.048,						Fiorino 1.0, 127,		2.00	401 SCRP PC GI			
1170 A1.000						Cinquecento 0.9		4.00	055 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C6796	4	STD
									401 SCRP PC GI	2C679660		0.60
									055 FV CR			
									732 FV CR			
1170 A1.046	4 CYL	0.9 L	899		1991-10	Cinquecento, Panda,	65.00	1.50	215 TBF CR DI	2C4148	4	STD
170 A1.000, 170 A1.046	4 CYL	0.9 L	903		1991-93	Seicento		1.50	123 RVT PC DI	2C414860		0.60
								3.00	553 CF CR GI			
									881 2PCO			
199 B2.000 Euro 5	4 CYL	1.3 L	1248		2008-On	500L, Punto	69.60	1.50	239 BF CC DI	2D7836	4	STD
199 B4.000 Euro 5						Turbo Diesel		1.50	123 RVT PC DI	2D783640		0.40
								2.00	248 CF CR			
									881 2PCO			
169 A1.000	4 CYL	1.3 L	1248		2003-12	500, 500C, Panda	69.60	2.00	205 BF CR DI	2D7101	1	STD
188 A8.000						Doblo,Panda, Idea,		1.50	206 TF PC DI	2D710140		0.40
						Punto,Siena		2.00	248 CF CR	2D710160		0.60
199 A2.000						Fiorino, Doblo, Punto			881 2PCO			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FIAT												
GSE-N3 1.0 Firefly	3 CYL	1.0 L	999		2016-On	Argo, Mobi, Uno	70.00	1.00 1.20 1.50	398 BF CR S 610 RVT PC GI 981 FV CR 005 FV CR	2C4088 2C408840	3	STD 0.40
110 D.000	2 CYL	0.5 L	499			N500 D-F-L-GTN	70.00	2.00 2.00 3.50	032 BF PC GI 401 SCRP PC GI 055 FV CR 732 FV CR	4481	2	STD
									362 BF 3CR GI 401 SCRP PC GI 055 FV CR 732 FV CR	2C4481	2	STD
156 A2.246, 156 A2.050, 156 A3.000,156 C.046	4 CYL	1.0 L	999		1985-On	Panda 1000, Uno 45, 50, 60	70.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	5013 5013016 5013024 5013040 5013060	4	STD 0.40 0.60 1.00 1.50
									363 BF CR GI 126 RVT PC GI 054 FV CR 732 FV CR	2C5013 2C5013016 2C5013024 2C5013032	4	STD 0.40 0.60 0.80
176A6 SPI, M644LA.11.T M609VA.11.C	4 CYL	1.1 L	1108		1993-99	Punto 55 Cinquecento Panda 1100	70.00	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5051 2C5051016 2C5051020 2C5051024 2C5051032 2C5051040 2C5051060	4	STD 0.40 0.50 0.60 0.80 1.00 1.50
160 A3.000 M 204 AA 11.0	4 CYL	1.1 L	1108		1988-92	Tipo 1.1, Uno 60	70.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	5013 5013016 5013024 5013040 5013060	4	STD 0.40 0.60 1.00 1.50
									363 BF CR GI 126 RVT PC GI 054 FV CR 732 FV CR	2C5013 2C5013016 2C5013024 2C5013032	4	STD 0.40 0.60 0.80
176A8MPI 176B9000 176A6SPI 176A7SPI	4 CYL	1.2 L	1242		1993-99	Punto 75 Punto 85 16V Punto 60 Punto 60 Cabrio	70.80	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5052 2C5052016 2C5052020 2C5052024 2C5052040	4	STD 0.40 0.50 0.60 1.00
198.A1.000, 198.A4.000 312 A1.000, 312 A3.000	4 CYL	1.4 L	1368		2007-On	500, 500L,Bravo, Doblo, Punto Turbo Intercooled	72.00	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 990 FV CR 732 FV CR	2C5266 2C5266016 2C5266010 2C5266020 2C5266024 2C5266030 2C5266040	4	STD 0.40 0.25 0.50 0.60 0.75 1.00
8X Flex	4 CYL	1.4 L	1368		2009	Punto EVO	72.00	1.00 1.00 1.50	398 BF CR S 123 RVT PC DI 981 FV CR 005 FV CR	2C5681	4	STD
	4 CYL	1.2 L	1221		1963-69	1100D, 1100TZ	72.00	2.00 2.00 4.00	362 BF 3CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C6752	4	STD
	4 CYL	1.3 L	1295		1963-69	125P, 1300	72.00	2.00 2.00 4.00	362 BF 3CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C6752	4	STD
178 F3.011, 178 F3.011 199 A7.000, 350 A1.000	4 CYL	1.4 L	1368		2005-12	Doblo, Idea, Linea Siena, Palio, Punto	72.00	1.00 1.20 2.00	326 TBF GN SS 406 N PC DI 248 CF CR 881 2PCO	2N4104 2N410420 2N410440 2N410460	4	STD 0.20 0.40 0.60
112B	6 CYL	1.8 L	1795		1959-68	Eng. 1800, 1800B	72.00	2.00 2.00 4.00	362 BF 3CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C6709	6	STD
9HU	4 CYL	1.6 L	1560		2007-On	Chassis, Scudo Turbo Diesel	75.00	3.00 1.95 2.50	213 FKST CC DI 202 TTF PC DI 204 CF CR DI 881 2PCO	2D7254 2D725450	1	STD 0.50
	4 CYL					147, 148 Mod Gas/Alch Fits Brazilian Mahle Piston	76.00	1.50 2.00 4.00	363 BF CR GI 401 SCRP PC GI 058 FV CR 732 FV CR	2C4830 2C4830016 2C4830020 2C4830024	4	STD 0.40 0.50 0.60

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FIAT												
127 A1.000, 127 A6.000	4 CYL	1.0 L	1049		1978-82	1.0 Sport, Ritmo I 60	76.00	1.50	032 BF PC GI	4493	4	STD
								2.00	401 SCRP PC GI	4493016		0.40
								4.00	056 FV CR	4493024		0.60
									732 FV CR	4493032		0.80
										4493040		1.00
										4493063		1.60
									362 BF 3CR GI	2C4493	4	STD
									401 SCRP PC GI	2C4493010		0.25
									056 FV CR	2C4493016		0.40
									732 FV CR	2C4493020		0.50
										2C4493024		0.60
										2C4493030		0.75
										2C4493032		0.80
										2C4493040		1.00
										2C4493060		1.50
										2C4493063		1.60
127 A3.000,131 A6.000, 131 B.000	4 CYL	1.2 L	1297		1974-83	1.3 Sport, 1.3 Mirafiori	76.00	1.50	032 BF PC GI	4493	4	STD
								2.00	401 SCRP PC GI	4493016		0.40
								4.00	056 FV CR	4493024		0.60
									732 FV CR	4493032		0.80
										4493040		1.00
										4493063		1.60
									362 BF 3CR GI	2C4493	4	STD
									401 SCRP PC GI	2C4493010		0.25
									056 FV CR	2C4493016		0.40
									732 FV CR	2C4493020		0.50
										2C4493024		0.60
										2C4493030		0.75
										2C4493032		0.80
										2C4493040		1.00
										2C4493060		1.50
										2C4493063		1.60
131	4 CYL	1.3 L	1297		1974	1300 Mirafiori Special Familiare	76.00	1.50	032 BF PC GI	4479	4	STD
								2.00	401 SCRP PC GI	4479010		0.25
								4.00	055 FV CR	4479016		0.40
									732 FV CR	4479024		0.60
										4479032		0.80
										4479040		1.00
										4479060		1.50
										4479063		1.60
									362 BF 3CR GI	2C4479	4	STD
									401 SCRP PC GI	2C4479010		0.25
									055 FV CR	2C4479016		0.40
									732 FV CR	2C4479020		0.50
										2C4479024		0.60
										2C4479032		0.80
										2C4479040		1.00
										2C4479060		1.50
										2C4479063		1.60
131A	4 CYL	1.3 L	1297		1976	Fiorino 1300 Panorama 1300 1500, Gas/Alch Fits Brazilian Mahle Piston	76.00	1.50	032 BF PC GI	4831	4	STD
								2.00	401 SCRP PC GI			
								4.00	055 FV CR			
									732 FV CR			
									363 BF CR GI	2C4831	4	STD
									401 SCRP PC GI	2C4831016		0.40
									055 FV CR	2C4831024		0.60
									732 FV CR			
E201	4 CYL	1.5 L	1500		1992-On	Fiorino, Pick-Up	76.00	1.50	032 BF PC GI	4932	4	STD
								1.50	126 RVT PC GI	4932008		0.20
								3.00	054 FV CR	4932016		0.40
									732 FV CR	4932020		0.50
										4932024		0.60
										4932032		0.80
									362 BF 3CR GI	2C4932	4	STD
									126 RVT PC GI	2C4932008		0.20
									054 FV CR	2C4932016		0.40
									732 FV CR	2C4932020		0.50
										2C4932024		0.60
										2C4932032		0.80
115C	4 CYL	1.5 L	1481		1961-70	1500 Spyder, C, L, TS	77.00	2.00	102 T PC GI	6741	4	STD
								2.00	435 SCRP PC GI			
								4.00	055 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C6741	4	STD
									435 SCRP PC GI	2C6741020		0.50
									055 FV CR	2C6741024		0.60
									732 FV CR	2C6741040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FIAT												
	4 CYL	1.5 L	1491		1969-71	1500S, 1600	78.00	2.00	032 BF PC GI	6860	4	STD
								2.00	401 SCRP PC GI			
								4.00	055 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C6860	4	STD
									401 SCRP PC GI			
									055 FV CR			
									732 FV CR			
	6 CYL	2.3 L	2279		1962-64	2300	78.00	2.00	102 T PC GI	6757	6	STD
								2.00	401 SCRP PC GI			
								4.00	056 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C6757	6	STD
									401 SCRP PC GI			
									056 FV CR			
									732 FV CR			
115C, 128A,	4 CYL	1.1 L	1166		1972-89	Sedan, Wagon, GV	80.00	1.50	102 T PC GI	6814	4	STD
								2.00	401 SCRP PC GI	6814020		0.50
								4.00	056 FV CR	6814030		0.75
									732 FV CR	6814032		0.80
										6814040		1.00
										6814060		1.50
									362 BF 3CR GI	2C6814	4	STD
									401 SCRP PC GI	2C6814020		0.50
									056 FV CR	2C6814024		0.60
									732 FV CR	2C6814030		0.75
										2C6814032		0.80
										2C6814040		1.00
										2C6814060		1.50
										2C6814063		1.60
828A, 124B	4 CYL	1.4 L	1438		1967-75	Beta 1400, Coupe, Sypder	80.00	1.50	102 T PC GI	6814	4	STD
						Sedan, Wagon, Special		2.00	401 SCRP PC GI	6814020		0.50
								4.00	056 FV CR	6814030		0.75
									732 FV CR	6814032		0.80
										6814040		1.00
										6814060		1.50
									362 BF 3CR GI	2C6814	4	STD
									401 SCRP PC GI	2C6814020		0.50
									056 FV CR	2C6814024		0.60
									732 FV CR	2C6814030		0.75
										2C6814032		0.80
										2C6814040		1.00
										2C6814060		1.50
										2C6814063		1.60
125A, 132AB, 132AC	4 CYL	1.6 L	1608		1968-76	124 Coupe, Spyder,	80.00	1.50	102 T PC GI	6814	4	STD
						Beta 1600		2.00	401 SCRP PC GI	6814020		0.50
								4.00	056 FV CR	6814030		0.75
									732 FV CR	6814032		0.80
										6814040		1.00
										6814060		1.50
									362 BF 3CR GI	2C6814	4	STD
									401 SCRP PC GI	2C6814020		0.50
									056 FV CR	2C6814024		0.60
									732 FV CR	2C6814030		0.75
										2C6814032		0.80
										2C6814040		1.00
										2C6814060		1.50
										2C6814063		1.60
146 A2.000,146 A2.146,	4 CYL	1.3 L	1301		1985-91	Uno	80.50	1.50	032 BF PC GI	5254	4	STD
146 A2.246						Incl. Turbo		2.00	126 RVT PC GI	5254024		0.60
								4.00	056 FV CR			
									732 FV CR			
146 C1.000, 146 C5.000,	4 CYL	1.4 L	1372		1988-01	Fiorino, Tempra, Tipo, Uno	80.50	1.50	032 BF PC GI	5247	4	STD
146 D5.000, 159 A2.000								1.75	401 SCRP PC GI	5247016		0.40
160 A1.000, 160 A1.046								3.00	054 FV CR	5247020		0.50
160 A1.048, 178 B2.000									732 FV CR	5247024		0.60
836 A4.000												
									362 BF 3CR GI	2C5247	4	STD
									401 SCRP PC GI	2C5247024		0.60
									054 FV CR	2C5247040		1.00
									732 FV CR			
223 A6.000, 192 A3.000	4 CYL	1.9 L	1910		1999-09	Marea, Multipla,	82.00	2.50	217 BF CR DI	2C7340	1	STD
188 A7.000, 186 A6.000						Palio, Punto, Stilo, Doblo,		2.00	210 SCRP TF PC DI			
188 A3.000, 188 A2.000						Siena, Strada		2.00	248 CF CR			
						Turbo Diesel			881 2PCO			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FIAT												
182 A7.000, 182 A8.000	4 CYL	1.9 L	1910		1996-02	Brava, Marea Turbo Diesel	82.00	3.00 2.00 3.00	221 FKST CC DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2D7259	1	STD
185 A2.000	5 CYL	2.4 L	2387		1996-99	Marea TD 125 Turbo Diesel	82.00	3.00 2.00 3.00	221 FKST CC DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2D7259	1	STD
185 A6.000, 839 A5.000	5 CYL	2.4 L	2387		1999-02	Marea Turbo Diesel	82.00	3.00 2.00 3.00	221 FKST CC DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2D7355	1	STD
182 B4.000, 182 B9.000 188 A3.000, 223 A6.000	4 CYL	1.9 L	1910		2000-12	Brava, Bravo, Doplo, Marea, Palio, Punto, Siena, Diesel Eng.	82.00	2.00 2.00 2.00	376 BF CR DI 414 TFN GI 553 2PCO CR GI	2D7097	1	STD
192A5.000, 192B1.000, 937A4.000, 937A5.000, 937A6.000, 939A2.000 182B9.000, 186A6.000, 186A8.000, 188A2.000, 188A3.000, 188A7.000, 192A1.000, 192A1.000, 186A9.000, 188B2.000, 939A3.000, 223A6.000 192A8.000, 199A5.00, 223A7.000, 937A7.000, D19AA	4 CYL	1.9 L	1910		1997-10	Bravo,Croma,Doblo,Multipla, Marea, Palio, Punto, Stilo Turbo Diesel	82.00	2.00 2.00 2.00	205 BF CR DI 214 RVL PC DI 248 CF CR 881 2PCO	2D7366 2D736640 2D736660	1	STD 0.40 0.60
939 A3.000	5 CYL	2.4 L	2387		2005-On	CROMA Multijet Turbo Diesel	82.00	2.00 2.00 2.00	205 BF CR DI 214 RVL PC DI 248 CF CR 881 2PCO	2D7366 2D736640 2D736660	1	STD 0.40 0.60
DW8, WJY, WJZ	4 CYL	1.9 L	1868		1998-06	Scudo Box Diesel Eng	82.20	2.00 2.00 3.00	205 BF CR DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2D5858 2D585850	1	STD 0.50
D8B, DHX, XUD9TE	4 CYL	1.9 L	1905		1995-06	Turbo Diesel w/3.50mm Keystone top grv.	83.00	3.50 2.00 3.00	224 FKST PM DI 202 TTF PC DI 204 CF CR DI 881 2PCO	2M7157	1	STD
D8B, DHX XUD9BTF, XUD9TE, XUD9TF DOHC	4 CYL	1.9 L	1905		1995-On	Scudo, Ducato Ulysee Turbo Diesel	83.00	3.00 2.00 3.00	221 FKST CC DI 202 TTF PC DI 204 CF CR DI 881 2PCO	2D7351	1	STD
DJY, XUD9A DOHC	4 CYL	1.9 L	1905		1993-02	Diesel Eng	83.00	2.00 2.00 3.00	239 BF CC DI 123 RVT PC DI 204 CF CR DI 881 2PCO	2D7435 2D743525 2D743550	1	STD 0.25 0.50
198 A5.000, 250 A1.000 263 A1.000, 844 A2.000 939 B5.000, 940 A5.000 D20AA Euro 5	4 CYL	2.0 L	1956		2006-On	Bravo, Ducato, Freemont Sedici 2.0 D Multijet Diesel Eng Turbo Intercooled	83.00	1.50 1.50 2.00	239 BF CC DI 406 N PC DI 553 CF CR GI 881 2PCO	2D7528 2D752840	4	STD 0.40
131	4 CYL	1.6 L	1585		1974-On	Mirafiori Special Familiare	84.00	1.50 2.00 4.00	102 T PC GI 401 SCRP PC GI 056 FV CR 732 FV CR	9516 9516010 9516020 9516030 9516032 9516040 9516060	4	STD 0.25 0.50 0.75 0.80 1.00 1.50
									362 BF 3CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C9516 2C9516010 2C9516020 2C9516024 2C9516030 2C9516032 2C9516040 2C9516060 2C9516063	4	STD 0.25 0.50 0.60 0.75 0.80 1.00 1.50 1.60

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FIAT												
132, 132A,	4 CYL	1.8 L	1756		1971-78	124 Coupe, Brava, Spider	84.00	1.50	102 T PC GI	9516	4	STD
								2.00	401 SCRP PC GI	9516010		0.25
								4.00	056 FV CR	9516020		0.50
									732 FV CR	9516030		0.75
										9516032		0.80
										9516040		1.00
										9516060		1.50
									362 BF 3CR GI	2C9516	4	STD
									401 SCRP PC GI	2C9516010		0.25
									056 FV CR	2C9516020		0.50
									732 FV CR	2C9516024		0.60
										2C9516030		0.75
										2C9516032		0.80
										2C9516040		1.00
										2C9516060		1.50
										2C9516063		1.60
132C, 132AZ	4 CYL	2.0 L	1995		1979-83	Spyder 2000, Brava	84.00	1.50	102 T PC GI	9516	4	STD
								2.00	401 SCRP PC GI	9516010		0.25
								4.00	056 FV CR	9516020		0.50
									732 FV CR	9516030		0.75
										9516032		0.80
										9516040		1.00
										9516060		1.50
									362 BF 3CR GI	2C9516	4	STD
									401 SCRP PC GI	2C9516010		0.25
									056 FV CR	2C9516020		0.50
									732 FV CR	2C9516024		0.60
										2C9516030		0.75
										2C9516032		0.80
										2C9516040		1.00
										2C9516060		1.50
										2C9516063		1.60
	4 CYL	2.0 L	2000		1992-99	8V MPI (Italian) Celta, Croma, Tempra	84.00	1.50	032 BF PC GI	4555	4	STD
								1.50	126 RVT PC GI	4555016		0.40
								3.00	054 FV CR	4555024		0.60
									732 FV CR	4555032		0.80
										4555040		1.00
									362 BF 3CR GI	2C4555	4	STD
									126 RVT PC GI	2C4555016		0.40
									054 FV CR	2C4555024		0.60
									732 FV CR			
	4 CYL					La Piccola- R411 R/C	85.00	3.00	362 BF 3CR GI	2C6832	4	STD
								3.00	032 BF PC GI			
								3.00	401 SCRP PC GI			
								5.50	860 FV CR			
									732 FV CR			
RH02	4 CYL	2.0 L	1997		2010-On	Scudo	85.00	2.00	272 HKST BF CC DI	2D4143	4	STD
RHC, RHD, RHE, RHH						Diesel Eng		2.00	123 RVT PC DI	2D414360		0.60
								2.00	248 CF CR			
									881 2PCO			
RHR, RHK, DW10	4 CYL	2.0 L	1997		1999-11	Scudo, Ulysse Turbo Diesel	85.00	3.50	213 FKST CC DI	2D7176	1	STD
								2.00	210 SCRP TF PC DI	2D717660		0.60
								3.00	204 CF CR DI			
									881 2PCO			
4W, 4HX	4 CYL	2.2 L	2179		2002-06	Ulysse Turbo Diesel	85.00	3.50	213 FKST CC DI	2D7176	1	STD
								2.00	210 SCRP TF PC DI	2D717660		0.60
								3.00	204 CF CR DI			
									881 2PCO			
128A1.000/AC.000	4 CYL	1.3 L	1290		1972-84	X1/9,128 Sedan, Wagon	86.00	1.50	032 BF PC GI	9514	4	STD
128AS.000								2.00	435 SCRP PC GI	9514010		0.25
								4.00	056 FV CR	9514016		0.40
									732 FV CR	9514020		0.50
										9514024		0.60
										9514030		0.75
										9514032		0.80
										9514040		1.00
										9514060		1.50
									362 BF 3CR GI	2C9514	4	STD
									435 SCRP PC GI	2C9514010		0.25
									056 FV CR	2C9514016		0.40
									732 FV CR	2C9514020		0.50
										2C9514030		0.75
										2C9514040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FIAT												
138 A1.000,138 A3.000, 138 B2.000,149 A7.000, 149 A3.000	4 CYL	1.3 L	1302		1978-89	Regata, Ritmo, Uno, X 1/9 Brazilian Mahle Piston	86.40	1.50	032 BF PC GI	4804	4	STD
								2.00	401 SCRP PC GI	4804016		0.40
								4.00	058 FV CR	4804024		0.60
									732 FV CR	4804040		1.00
									363 BF CR GI	2C4804	4	STD
									401 SCRP PC GI	2C4804008		0.20
									058 FV CR	2C4804016		0.40
									732 FV CR	2C4804020		0.50
										2C4804024		0.60
										2C4804040		1.00
138A, 138AE	4 CYL	1.5 L	1498		1979-82	X 1/9 Strada, Delta 1500	86.40	1.50	032 BF PC GI	6139	4	STD
								2.00	401 SCRP PC GI	6139016		0.40
								4.00	860 FV CR	6139032		0.80
									732 FV CR	6139040		1.00
									362 BF 3CR GI	2C6139	4	STD
									401 SCRP PC GI	2C6139010		0.25
									860 FV CR	2C6139016		0.40
									732 FV CR	2C6139032		0.80
										2C6139040		1.00
138 A2.000, 138 A4.000, 138 B3.048	4 CYL	1.5 L	1498		1978-89	Regata, Ritmo Brazilian Mahle Piston	86.40	1.50	032 BF PC GI	4804	4	STD
								2.00	401 SCRP PC GI	4804016		0.40
								4.00	058 FV CR	4804024		0.60
									732 FV CR	4804040		1.00
									363 BF CR GI	2C4804	4	STD
									401 SCRP PC GI	2C4804008		0.20
									058 FV CR	2C4804016		0.40
									732 FV CR	2C4804020		0.50
										2C4804024		0.60
										2C4804040		1.00
	4 CYL	1.6 L	1585			Florida	86.40	1.50	362 BF 3CR GI	2C4519	4	STD
								2.00	401 SCRP PC GI			
								3.00	054 FV CR			
									732 FV CR			
185 A3.000, 182 A6.000, 182 A4.000, 178 B3.000	4 CYL	1.6 L	1581		1995-02	Brava, Palio, Marea	86.40	1.50	032 BF PC GI	4523	4	STD
								1.50	126 RVT PC GI	4523016		0.40
								3.00	054 FV CR			
									732 FV CR			
									363 BF CR GI	2C4523	4	STD
									126 RVT PC GI	2C4523016		0.40
									054 FV CR	2C4523020		0.50
									732 FV CR	2C4523024		0.60
										2C4523040		1.00
160 A2.000, 176 A9.000 220 A 2.000, 835 C1.000	4 CYL	1.6 L	1581		1988-97	Punto, Scudo Box, Tempra, Tipo Brazilian Mahle Piston	86.40	1.50	032 BF PC GI	4800	4	STD
								1.75	401 SCRP PC GI	4800016		0.40
								3.00	054 FV CR	4800024		0.60
									732 FV CR	4800040		1.00
									363 BF CR GI	2C4800	4	STD
									401 SCRP PC GI	2C4800016		0.40
									054 FV CR	2C4800024		0.60
									732 FV CR	2C4800040		1.00
F1AE0481C, F1AE0481D F1AE0481N, F1AE0481T	4 CYL	2.3 L	2286		2002-10	Ducato Euro 3 Turbo Diesel	88.00	2.50	221 FKST CC DI	2D7138	1	STD
								2.00	206 TF PC DI			
								2.50	204 CF CR DI			
									881 2PCO			
131, 132	4 CYL	2.5 L				Daily Diesel Eng	93.00	3.00	376 BF CR DI	2D9384	4	STD
								2.00	401 SCRP PC GI			
								4.00	200 CF PC GI			
									881 2PCO			
8140.63	4 CYL	2.8 L	2798		1998-02	Chassis,Ducato w/3.0mm Keystone top grv. Turbo Diesel	94.40	3.00	225 FKST CR DI	2C7449	1	STD
								2.00	210 SCRP TF PC DI			
								2.50	204 CF CR DI			
									881 2PCO			
8140.43	4 CYL	2.8 L	2800		1997-02	Ducato w/3.0mm Keystone top grv. Turbo Diesel	94.40	3.00	225 FKST CR DI	2C7353	1	STD
								2.00	209 RVT PC DI			
								3.00	204 CF CR DI			
									881 2PCO			
8140.43N, 8140.43S	4 CYL	2.8 L	2800		1997-02	Ducato w/2.5mm Keystone top grv. Turbo Diesel	94.40	2.50	233 FKST PM DI	2M7450	1	STD
								2.00	210 SCRP TF PC DI			
								2.50	204 CF CR DI			
									881 2PCO			
F1CE DOHC	4 CYL	3.0 L	2998		2006-11	Ceramic Chrome Keystone top ring w/2 pc oil ring Turbo Diesel	95.80	2.50	221 FKST CC DI	2D7347	1	STD
								2.00	206 TF PC DI			
								2.50	204 CF CR DI			
									881 2PCO			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FIAT												
	6 CYL					308, 308L, 343, 418AC, 418L,	122.00	3.50	372 FKST CR DI	2C5557	6	STD
						Auto Bus & 684-NA, NB, NC,		3.00	102 T PC GI			
						T Auto Capri		3.00	102 T PC GI			
								5.50	565 CF CR GI			
									881 2PCO			
FORD BRITISH												
	6 CYL				1951-58	Zephyr, Zephyr Zodiac	79.38	2.00	032 BF PC GI	690	6	STD
						3 Ring Piston		2.00	126 RVT PC GI	690040		1.00
								4.75	871 FV CR	690060		1.50
									732 FV CR			
711M	4 CYL	0.9 L	940		1973-74	Escort, Cortina, Capri	80.96	1.60	032 BF PC GI	677	4	STD
								2.00	126 RVT PC GI	677010		0.25
								4.00	056 FV CR	677020		0.50
									732 FV CR	677030		0.75
										677040		1.00
										677060		1.50
									363 BF CR GI	2C677	4	STD
									126 RVT PC GI	2C677020		0.50
									056 FV CR	2C677030		0.75
									732 FV CR	2C677040		1.00
										2C677060		1.50
									327 BF PM GI	2M677	4	STD
									126 RVT PC GI	2M677010		0.25
									056 FV CR	2M677020		0.50
									732 FV CR	2M677030		0.75
										2M677040		1.00
	4 CYL	0.9 L	940		1970-on	Escort, Cortina, Capri	80.96	1.60	363 BF CR GI	2C9502	4	STD
						High Performance		2.00	126 RVT PC GI			
						Rings .005 oversize-File to fit		4.00	860 FV CR			
									732 FV CR			
									336 T PM DI	2M9502	4	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
	4 CYL	1.1 L	1098		1973-74	Escort, Cortina, Capri	80.96	1.60	032 BF PC GI	677	4	STD
								2.00	126 RVT PC GI	677010		0.25
								4.00	056 FV CR	677020		0.50
									732 FV CR	677030		0.75
										677040		1.00
										677060		1.50
									363 BF CR GI	2C677	4	STD
									126 RVT PC GI	2C677020		0.50
									056 FV CR	2C677030		0.75
									732 FV CR	2C677040		1.00
										2C677060		1.50
									327 BF PM GI	2M677	4	STD
									126 RVT PC GI	2M677010		0.25
									056 FV CR	2M677020		0.50
									732 FV CR	2M677030		0.75
										2M677040		1.00
	4 CYL	1.1 L	1098		1970-on	Escort, Cortina, Capri	80.96	1.60	363 BF CR GI	2C9502	4	STD
						High Performance		2.00	126 RVT PC GI			
						Rings .005 oversize-File to fit		4.00	860 FV CR			
									732 FV CR			
									336 T PM DI	2M9502	4	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
	4 CYL	1.3 L	1298		1973-74	Escort, Cortina, Capri	80.96	1.60	032 BF PC GI	677	4	STD
								2.00	126 RVT PC GI	677010		0.25
								4.00	056 FV CR	677020		0.50
									732 FV CR	677030		0.75
										677040		1.00
										677060		1.50
									363 BF CR GI	2C677	4	STD
									126 RVT PC GI	2C677020		0.50
									056 FV CR	2C677030		0.75
									732 FV CR	2C677040		1.00
										2C677060		1.50
									327 BF PM GI	2M677	4	STD
									126 RVT PC GI	2M677010		0.25
									056 FV CR	2M677020		0.50
									732 FV CR	2M677030		0.75
										2M677040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD BRITISH												
	4 CYL	1.3 L	1298		1970-on	Escort, Cortina, Capri High Performance Rings .005 oversize-File to fit	80.96	1.60 2.00 4.00	363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C9502	4	STD
									336 T PM DI 126 RVT PC GI 860 FV CR 732 FV CR	2M9502	4	STD
	4 CYL	1.6 L	1599		1973-74	Escort, Cortina, Capri	80.96	1.60 2.00 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	677 677010 677020 677030 677040 677060	4	STD 0.25 0.50 0.75 1.00 1.50
									363 BF CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C677 2C677020 2C677030 2C677040 2C677060	4	STD 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 056 FV CR 732 FV CR	2M677 2M677010 2M677020 2M677030 2M677040	4	STD 0.25 0.50 0.75 1.00
	4 CYL	1.6 L	1599		1970-on	Escort, Cortina, Capri High Performance Rings .005 oversize-File to fit	80.96	1.60 2.00 4.00	363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C9502	4	STD
									336 T PM DI 126 RVT PC GI 860 FV CR 732 FV CR	2M9502	4	STD
105E	4 CYL	1.0 L	977		1959-77	Anglia, Perfect	80.98	2.00 2.00 4.00	032 BF PC GI 401 SCRP PC GI 860 FV CR 732 FV CR	5981 5981040 5981060	4	STD 1.00 1.50
									362 BF 3CR GI 401 SCRP PC GI 860 FV CR 732 FV CR	2C5981 2C5981010 2C5981020 2C5981030 2C5981040 2C5981060	4	STD 0.25 0.50 0.75 1.00 1.50
105E Super	4 CYL	1.2 L	1198		1962-67	Anglia, Consul, Cortina	80.98	2.00 2.00 4.00	032 BF PC GI 401 SCRP PC GI 860 FV CR 732 FV CR	5981 5981040 5981060	4	STD 1.00 1.50
									362 BF 3CR GI 401 SCRP PC GI 860 FV CR 732 FV CR	2C5981 2C5981010 2C5981020 2C5981030 2C5981040 2C5981060	4	STD 0.25 0.50 0.75 1.00 1.50
	4 CYL	1.5 L	1500		1967-71	Capri, Cortina	80.98	2.00 2.00 4.00	032 BF PC GI 401 SCRP PC GI 860 FV CR 732 FV CR	5981 5981040 5981060	4	STD 1.00 1.50
									362 BF 3CR GI 401 SCRP PC GI 860 FV CR 732 FV CR	2C5981 2C5981010 2C5981020 2C5981030 2C5981040 2C5981060	4	STD 0.25 0.50 0.75 1.00 1.50
	4 CYL	1.6 L	1600		1967-71	Cortina	80.98	2.00 2.00 4.00	032 BF PC GI 401 SCRP PC GI 860 FV CR 732 FV CR	5981 5981040 5981060	4	STD 1.00 1.50
									362 BF 3CR GI 401 SCRP PC GI 860 FV CR 732 FV CR	2C5981 2C5981010 2C5981020 2C5981030 2C5981040 2C5981060	4	STD 0.25 0.50 0.75 1.00 1.50
	6 CYL				1956-63	Mark II, Zephyr, Zodiac	82.55	2.00 2.00 4.75	032 BF PC GI 401 SCRP PC GI 860 FV CR 732 FV CR	5914 5914010 5914060	6	STD 0.25 1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD BRITISH												
(Twin-Cam)	4 CYL	1.6 L	1558		1956-66	Consul, Elan Sprint, Lotus Elan, Mark II, Thames, Zephyr 4	82.55	2.00	032 BF PC GI	5909	4	STD
								2.00	401 SCRP PC GI	5909010		0.25
								4.75	860 FV CR	5909060		1.50
									732 FV CR			
									362 BF 3CR GI	2C5909	4	STD
									401 SCRP PC GI			
									860 FV CR			
									732 FV CR			
39PS, 8, 9:1;	4 CYL	1.0 L	992		1959-67	Anglia, Capri	85.00	1.50	032 BF PC GI	6899	4	STD
								1.50	126 RVT PC GI	6899010		0.25
								4.00	056 FV CR	6899020		0.50
									732 FV CR	6899030		0.75
										6899040		1.00
										6899060		1.50
									362 BF 3CR GI	2C6899	4	STD
									126 RVT PC GI	2C6899010		0.25
									056 FV CR	2C6899020		0.50
									732 FV CR	2C6899030		0.75
										2C6899040		1.00
										2C6899060		1.50
									327 BF PM GI	2M6899	4	STD
									126 RVT PC GI	2M6899010		0.25
									056 FV CR	2M6899020		0.50
									732 FV CR	2M6899060		1.50
48PS, 8, 7:1;	4 CYL	1.2 L	1198		1959-67	Classic,Cortina	85.00	1.50	032 BF PC GI	6899	4	STD
								1.50	126 RVT PC GI	6899010		0.25
								4.00	056 FV CR	6899020		0.50
									732 FV CR	6899030		0.75
										6899040		1.00
										6899060		1.50
									362 BF 3CR GI	2C6899	4	STD
									126 RVT PC GI	2C6899010		0.25
									056 FV CR	2C6899020		0.50
									732 FV CR	2C6899030		0.75
										2C6899040		1.00
										2C6899060		1.50
									327 BF PM GI	2M6899	4	STD
									126 RVT PC GI	2M6899010		0.25
									056 FV CR	2M6899020		0.50
									732 FV CR	2M6899060		1.50
54PS, 8, 5, 5:1	4 CYL	1.3 L	1340		1959-67		85.00	1.50	032 BF PC GI	6899	4	STD
								1.50	126 RVT PC GI	6899010		0.25
								4.00	056 FV CR	6899020		0.50
									732 FV CR	6899030		0.75
										6899040		1.00
										6899060		1.50
									362 BF 3CR GI	2C6899	4	STD
									126 RVT PC GI	2C6899010		0.25
									056 FV CR	2C6899020		0.50
									732 FV CR	2C6899030		0.75
										2C6899040		1.00
										2C6899060		1.50
									327 BF PM GI	2M6899	4	STD
									126 RVT PC GI	2M6899010		0.25
									056 FV CR	2M6899020		0.50
									732 FV CR	2M6899060		1.50
57PS	4 CYL	1.5 L	1498		1959-67		85.00	1.50	032 BF PC GI	6899	4	STD
								1.50	126 RVT PC GI	6899010		0.25
								4.00	056 FV CR	6899020		0.50
									732 FV CR	6899030		0.75
										6899040		1.00
										6899060		1.50
									362 BF 3CR GI	2C6899	4	STD
									126 RVT PC GI	2C6899010		0.25
									056 FV CR	2C6899020		0.50
									732 FV CR	2C6899030		0.75
										2C6899040		1.00
										2C6899060		1.50
									327 BF PM GI	2M6899	4	STD
									126 RVT PC GI	2M6899010		0.25
									056 FV CR	2M6899020		0.50
									732 FV CR	2M6899060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD BRITISH												
100 H.P.	4 CYL	2.0 L	2000		1971-74	Cortina L, G.T.	90.80	2.00	032 BF PC GI	599	4	STD
								2.50	126 RVT PC GI	599020		0.50
								4.00	860 FV CR	599030		0.75
									732 FV CR	599060		1.50
									362 BF 3CR GI	2C599	4	STD
									126 RVT PC GI	2C599010		0.25
									860 FV CR	2C599020		0.50
									732 FV CR	2C599030		0.75
										2C599040		1.00
										2C599060		1.50
OHC	4 CYL	2.0 L	2000		1983-On	Sierra KOLN	90.80	1.60	032 BF PC GI	4286	4	STD
								2.00	126 RVT PC GI	4286020		0.50
								4.00	860 FV CR	4286030		0.75
									732 FV CR	4286040		1.00
										4286060		1.50
									363 BF CR GI	2C4286	4	STD
									126 RVT PC GI	2C4286010		0.25
									860 FV CR	2C4286020		0.50
									732 FV CR	2C4286030		0.75
										2C4286040		1.00
										2C4286060		1.50
	4 CYL	1.7 L	1700		1966-67	Corsair, Zephyr, Zodiac	93.66	2.00	032 BF PC GI	6791	2	STD
								2.00	126 RVT PC GI	6791030		0.75
								4.75	860 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C6791	2	STD
									126 RVT PC GI	2C6791020		0.50
									860 FV CR	2C6791030		0.75
									732 FV CR	2C6791040		1.00
	4 CYL	2.0 L	2000			Corsair, Zephyr, Zodiac	93.66	2.00	032 BF PC GI	6791	2	STD
								2.00	126 RVT PC GI	6791030		0.75
								4.75	860 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C6791	2	STD
									126 RVT PC GI	2C6791020		0.50
									860 FV CR	2C6791030		0.75
									732 FV CR	2C6791040		1.00
FORD-CARS												
KA Zetec RoCam	4 CYL	1.0 L				Escort, Fiesta Brazilian Mahle Piston W/ 2.0mm Oil Grv.	68.68	1.20	398 BF CR S	2C5205	4	STD
								1.50	401 SCRP PC GI	2C5205020		0.50
								2.00	989 FV CR			
									732 FV CR			
Vin: H	4 CYL	1.3 L	1300	79	1988-97	Ford, Mercury	71.00	1.20	398 BF CR S	2C4451	4	STD
								1.50	126 RVT PC GI	2C4451010		0.25
								3.00	054 FV CR	2C4451020		0.50
									732 FV CR	2C4451030		0.75
										2C4451040		1.00
										2C4451060		1.50
M1CA,M1CB,M1DA, M1DC,M1DD,M1DH, M1JA,M1JC,M1JE, M1JH,M1JJ,M1JL, M1JM,M2DA,M2DB, M2DC,M2GA,M2GB P4JA,P4JB,P4JC, P4JD,SFCA,SFCB, SFCC,SFCD,SFDA, SFDB,SFJA,SFJB, SFJC,SFJD,SFJE, SFJF,SFJH,SFJJ, SFJK,XMJA,XMJB, XMJC,XMJD,YYJA, YYJB,YYJC,YYJD, YYJE EcoBoost	3 CYL	1.0 L	998		2012-On	B-Max ,C-Max, Ecosport,Fiesta, Focus, Mondeo, Tourneo Connect, Transit Courier	71.90	1.00	317 BF GN SS	SN4169	3	STD
								1.20	126 RVT PC GI	SN416950		0.50
								2.00	990 FV CR			
									732 FV CR			
	4 CYL	1.4 L	1400			Belina, Corcel GT, II, Gas/Alch Brazilian Mahle Piston	75.30	1.75	363 BF CR GI	2C4844	4	STD
								2.00	401 SCRP PC GI			
								4.00	058 FV CR			
									732 FV CR			
DOHC	4 CYL	1.6 L	1597	97.6	1995-On	Escort, Granada, Fiesta, Orion	76.00	1.50	032 BF PC GI	5248	4	STD
								1.60	102 T PC GI	5248020		0.50
								2.50	995 FV CR	5248040		1.00
									732 FV CR			
									362 BF 3CR GI	2C5248	4	STD
									102 T PC GI	2C5248010		0.25
									995 FV CR	2C5248020		0.50
									732 FV CR	2C5248030		0.75

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-CARS												
	4 CYL	1.6 L	1600			Belina II, Corcel, Escort, Pampa Gas/Alch Fit Brazilian Mahle Piston	77.00	1.75 2.00 4.00	032 BF PC GI 401 SCRP PC GI 058 FV CR 732 FV CR	4843 4843020	4	STD 0.50
									363 BF CR GI 401 SCRP PC GI 058 FV CR 732 FV CR	2C4843	4	STD
	4 CYL	1.6 L	1600			Escort, Pampa, AE1600 Brazilian Mahle Piston	77.00	1.50 1.50 2.00	032 BF PC GI 401 SCRP PC GI 993 FV CR 005 FV CR	4977	4	STD
									363 BF CR GI 401 SCRP PC GI 993 FV CR 005 FV CR	2C4977 2C4977020 2C4977040	4	STD 0.50 1.00
B6 Mazda Eng.	4 CYL	1.6 L	1597	98	1988-94	Mercury Tracer, Capri	78.00	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	4265 4265010 4265020 4265030 4265040 4265060	4	STD 0.25 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C4265 2C4265010 2C4265020 2C4265030 2C4265040 2C4265060	4	STD 0.25 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 058 FV CR 732 FV CR	2M4265 2M4265010 2M4265020 2M4265030 2M4265040 2M4265060	4	STD 0.25 0.50 0.75 1.00 1.50
LXV, LXT Vin. E,J,R,X Ti-VCT SOHC/DOHC EcoBoost.	4 CYL	1.6 L	1596		2013-16	Escape, Fiesta, Fusion, Titanium	79.00	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 990 FV CR 005 FV CR	2C4356 2C435650	4	STD 0.50
Vin: J DOHC	4 CYL	1.6 L	1596	97	2011-On	Fiesta Naturally Aspriated	79.00	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 990 FV CR 005 FV CR	2C5855 2C5855020 2C5855030	4	STD 0.50 0.75
CVH	4 CYL	1.6 L	1597	98	1980-85	Escort, Mercury Lynx Incl. Turbo	79.94	1.60 2.00 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5653 5653010 5653020 5653030 5653040 5653060	4	STD 0.25 0.50 0.75 1.00 1.50
									363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5653 2C5653010 2C5653020 2C5653030 2C5653040 2C5653060	4	STD 0.25 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M5653 2M5653010 2M5653020 2M5653030 2M5653040 2M5653060	4	STD 0.25 0.50 0.75 1.00 1.50
MA Mazda Eng.	4 CYL	2.0 L	1970	121	1982-84		80.00	1.50 2.00 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	6155 6155010 6155020 6155030 6155040	4	STD 0.25 0.50 0.75 1.00
									362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C6155 2C6155010 2C6155020 2C6155030 2C6155040 2C6155060	4	STD 0.25 0.50 0.75 1.00 1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-CARS												
DOHC	4 CYL	1.8 L	1796	110	1995-On	Escort EFI	80.60	1.50	032 BF PC GI	5194	4	STD
								1.60	126 RVT PC GI	5194020		0.50
								2.50	995 FV CR			
									732 FV CR			
									363 BF CR GI	2C5194	4	STD
									126 RVT PC GI	2C5194020		0.50
									995 FV CR			
									732 FV CR			
75 H.P.	4 CYL	1.6 L	1600	97.6	1973-81	Ford Fiesta, Ford Pinto	80.96	1.60	032 BF PC GI	677	4	STD
								2.00	126 RVT PC GI	677010		0.25
								4.00	056 FV CR	677020		0.50
									732 FV CR	677030		0.75
										677040		1.00
										677060		1.50
									363 BF CR GI	2C677	4	STD
									126 RVT PC GI	2C677020		0.50
									056 FV CR	2C677030		0.75
									732 FV CR	2C677040		1.00
										2C677060		1.50
									327 BF PM GI	2M677	4	STD
									126 RVT PC GI	2M677010		0.25
									056 FV CR	2M677020		0.50
									732 FV CR	2M677030		0.75
										2M677040		1.00
75 H.P.	4 CYL	1.6 L	1600	97.6	1971-72	Ford Fiesta, Ford Pinto	80.96	2.00	032 BF PC GI	5981	4	STD
								2.00	401 SCRP PC GI	5981040		1.00
								4.00	860 FV CR	5981060		1.50
									732 FV CR			
									362 BF 3CR GI	2C5981	4	STD
									401 SCRP PC GI	2C5981010		0.25
									860 FV CR	2C5981020		0.50
									732 FV CR	2C5981030		0.75
										2C5981040		1.00
										2C5981060		1.50
100 H.P.	8 CYL	3.9 L	3917	239	1949-53	All Models Mercury	80.96	2.38	032 BF PC GI	533	8	STD
						4 Ring Piston		2.38	126 RVT PC GI	533030		0.75
								4.75	860 FV CR	533040		1.00
									732 FV CR	533060		1.50
								4.75	501 1PCO PC GI	533080		2.00
										533125		3.13
										533188		4.78
									362 BF 3CR GI	2C533	8	STD
									126 RVT PC GI	2C533060		1.50
									860 FV CR	2C533100		2.50
									732 FV CR			
									501 1PCO PC GI			
100 H.P.	8 CYL	3.9 L	3917	239	1939-53	"Flat Head"	80.96	2.00	032 BF PC GI	5075	8	STD
						3 ring piston		2.00	126 RVT PC GI	5075040		1.00
								4.75	860 FV CR	5075060		1.50
									732 FV CR	5075100		2.50
										5075125		3.13
										5075188		4.78
95, 100 H.P.	8 CYL	4.2 L	4179	255	1949-53	All Models Mercury	80.96	2.38	032 BF PC GI	533	8	STD
						4 Ring Piston		2.38	126 RVT PC GI	533030		0.75
								4.75	860 FV CR	533040		1.00
									732 FV CR	533060		1.50
								4.75	501 1PCO PC GI	533080		2.00
										533125		3.13
										533188		4.78
									362 BF 3CR GI	2C533	8	STD
									126 RVT PC GI	2C533060		1.50
									860 FV CR	2C533100		2.50
									732 FV CR			
									501 1PCO PC GI			
AJ25	6 CYL	2.5 L	2495	153	2000-01		81.60	1.20	398 BF CR S	2C5160	6	STD
Mazda Eng								1.50	126 RVT PC GI	2C5160020		0.50
								3.00	054 FV CR	2C5160030		0.75
									732 FV CR	2C5160040		1.00
	4 CYL	1.9 L	1901	116	1987-96	Ford, Mercury	81.94	1.50	032 BF PC GI	4261	4	STD
								1.50	126 RVT PC GI	4261020		0.50
								3.00	054 FV CR	4261030		0.75
									732 FV CR	4261040		1.00
									327 BF PM GI	2M4261	4	STD
									126 RVT PC GI	2M4261010		0.25
									054 FV CR	2M4261020		0.50
									732 FV CR	2M4261030		0.75
										2M4261040		1.00
										2M4261060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-CARS												
DOHC	4 CYL	1.6 L	1596			16V Made in China	82.00	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 934 FV CR 005 FV CR	2C4548 2C4548020 2C4548030	4	STD 0.50 0.75
	4 CYL	1.9 L	1901	116	1985-86	Ford, Mercury	82.00	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	4301 4301020 4301030 4301040 4301060	4	STD 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 058 FV CR 732 FV CR	2M4301 2M4301020 2M4301030 2M4301040 2M4301060	4	STD 0.50 0.75 1.00 1.50
Zetec	4 CYL	1.6 L	1600	97.6	2003-On	Couier,Fiesta, Rocam Made in Brazil	82.04	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C5144 2C5144020 2C5144030 2C5144040 2C5144060	4	STD 0.50 0.75 1.00 1.50
Vin: G,L DOHC	6 CYL	2.5 L	2508	153	1995-02	Contour, Mondeo	82.40	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 054 FV CR 732 FV CR	2C4794 2C4794020 2C4794030 2C4794040	6	STD 0.50 0.75 1.00
Vin: N SHO	8 CYL	3.4 L	3393	207	1996-99		82.40	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 054 FV CR 732 FV CR	2C4886 2C4886010 2C4886020 2C4886030 2C4886040	8	STD 0.25 0.50 0.75 1.00
BHDA, BHDB, C9DA, C9DB, C9DC F9DA, F9DB, FFDA, KKDA SOHC	4 CYL	1.8 L	1753		1998-07	Focus TDCi Turbo Diesel	82.50	2.50 2.00 3.00	211 HKST CC DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2D7104 2D710450	1	STD 0.50
Duratec DOHC Made in China	4 CYL	1.8 L	1798			Focus	83.00	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5316	4	STD
Mazda Eng.	4 CYL	1.8 L	1839	112	1991-98	Escort, Mercury, Tracer Incl. Turbo	83.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	4651 4651010 4651020 4651040	4	STD 0.25 0.50 1.00
									376 BF CR DI 126 RVT PC GI 054 FV CR 732 FV CR	2C4651 2C4651010 2C4651020 2C4651030 2C4651040 2C4651060	4	STD 0.25 0.50 0.75 1.00 1.50
									326 TBF GN SS 435 SCRP PC GI 987 FV GN SS 714 GN SS	2N4651	4	STD
Vin: A DOHC	4 CYL	2.0 L	1991	121	1993-97		83.00	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 054 FV CR 732 FV CR	2C4749 2C4749010 2C4749020 2C4749030 2C4749040	4	STD 0.25 0.50 0.75 1.00
Vin: B	6 CYL	2.5 L	2497	152	1993-97		84.50	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	4750 4750020 4750030 4750040	6	STD 0.50 0.75 1.00
									362 BF 3CR GI 126 RVT PC GI 054 FV CR 732 FV CR	2C4750 2C4750020 2C4750030 2C4750040	6	STD 0.50 0.75 1.00
EDBA, EDBB, EDBC, EDDC, NGA ZH20 Zetec E	4 CYL	2.0 L	1988	121	1995-04	Cougar, Focus, Mondeo	84.86	1.50 1.75 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	4887 4887010 4887020 4887030 4887040	4	STD 0.25 0.50 0.75 1.00
									327 BF PM GI 126 RVT PC GI 054 FV CR 732 FV CR	2M4887 2M4887020 2M4887030 2M4887040	4	STD 0.50 0.75 1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-CARS												
Vin: P	4 CYL	2.0 L	1991	121	1995-05	Escort	84.86	1.50	032 BF PC GI	4889	4	STD
								1.50	126 RVT PC GI	4889020		0.50
								3.00	054 FV CR	4889030		0.75
									732 FV CR	4889040		1.00
									335 T PM DI	2M4889	4	STD
									126 RVT PC GI	2M4889020		0.50
									054 FV CR	2M4889030		0.75
									732 FV CR	2M4889040		1.00
Vin: B,3	4 CYL	2.0 L	1991	121	1998-04	Spec 2nd ring end gap .026 to .036	84.86	1.50	335 T PM DI	2M4987	4	STD
								1.75	130 RVL PC GI	2M4987020		0.50
								3.00	054 FV CR	2M4987030		0.75
									732 FV CR	2M4987040		1.00
Vin: P,5 SOHC/ DOHC	4 CYL	2.0 L	1991	121	1997-04	Escort, Focus	84.86	1.20	398 BF CR S	2C5150	4	STD
								1.50	126 RVT PC GI	2C5150020		0.50
								3.00	054 FV CR	2C5150030		0.75
									732 FV CR	2C5150040		1.00
EDBA, EDBB, EDBC, EDDC, NGA	4 CYL	2.0 L	1998	121	1995-On	16 valve, Mondeo	84.86	1.20	398 BF CR S	2C4991	4	STD
								1.75	126 RVT PC GI	2C4991020		0.50
								3.00	054 FV CR	2C4991030		0.75
									732 FV CR	2C4991040		1.00
EDBA, EDBB, EDBC, EDDC, NGA	4 CYL	2.0 L	1998	121	1996-04	Cougar, Focus, Mondeo	84.86	1.20	398 BF CR S	2C4992	4	STD
								1.50	126 RVT PC GI	2C4992020		0.50
								2.50	995 FV CR	2C4992030		0.75
									732 FV CR	2C4992040		1.00
Mazda 626 Eng.	4 CYL	2.2 L	2184	134	1989-94	Ford Probe Incl. Turbo	86.00	1.50	032 BF PC GI	5664	4	STD
								1.50	435 SCRP PC GI	5664020		0.50
								4.00	058 FV CR	5664030		0.75
									732 FV CR	5664040		1.00
										5664060		1.50
									362 BF 3CR GI	2C5664	4	STD
									435 SCRP PC GI	2C5664010		0.25
									058 FV CR	2C5664020		0.50
									732 FV CR	2C5664030		0.75
										2C5664040		1.00
										2C5664060		1.50
									397 BF PM S	2M5664	4	STD
									435 SCRP PC GI	2M5664010		0.25
									058 FV CR	2M5664020		0.50
									732 FV CR	2M5664030		0.75
										2M5664040		1.00
										2M5664060		1.50
									322 BF GN SS	2N5664	4	STD
									126 RVT PC GI			
									987 FV GN SS			
									714 GN SS			
Vin: A DOHC	8 CYL	3.9 L	3934	240	2000-06		86.00	1.20	398 BF CR S	2C5142	8	STD
								1.50	126 RVT PC GI	2C5142020		0.50
								2.50	995 FV CR	2C5142030		0.75
									732 FV CR	2C5142040		1.00
	4 CYL	2.0 L	2000	122	1984-88	Diesel Eng	86.00	2.00	336 T PM DI	2D4210	4	STD
								2.00	435 SCRP PC GI			
								4.00	553 CF CR GI			
									881 2PCO			
Vin: W,1	6 CYL	3.0 L	2999	183	1993-98	Villager	87.00	1.50	032 BF PC GI	6196	6	STD
								1.50	126 RVT PC GI	6196020		0.50
								2.80	861 FV CR	6196030		0.75
									732 FV CR	6196040		1.00
									335 T PM DI	2M6196	6	STD
									126 RVT PC GI	2M6196020		0.50
									861 FV CR	2M6196030		0.75
									732 FV CR	2M6196040		1.00
TPBA Ecoboost	4 CYL	2.0 L	1999		2010-15	Mondeo, S-Max	87.50	1.20	398 BF CR S	2C4150	4	STD
								1.50	126 RVT PC GI			
								2.00	993 FV CR			
									005 FV CR			
TNWA, TNWB, TPBA, TPWA Ecoboost	4 CYL	2.0 L	1999		2010-15	Galaxy, Mondeo, S-Max	87.50	1.20	398 BF CR S	2C5282	4	STD
								1.20	126 RVT PC GI	2C528250		0.50
								2.00	993 FV CR	2C528275		0.75
									005 FV CR	2C5282100		1.00
									326 TBF GN SS	2N5282	4	STD
									126 RVT PC GI	2N528250		0.50
									993 FV CR			
									005 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-CARS												
L6	6 CYL	2.4 L	2360	144	1960-67	Mercury	88.90	2.00	032 BF PC GI	582	6	STD
								2.00	126 RVT PC GI	582005		0.13
								4.75	860 FV CR	582030		0.75
									732 FV CR	582040		1.00
										582060		1.50
									362 BF 3CR GI	2C582	6	STD
									126 RVT PC GI	2C582005		0.13
									860 FV CR			
									732 FV CR			
									327 BF PM GI	2M582	6	STD
									126 RVT PC GI	2M582005		0.13
									860 FV CR	2M582030		0.75
									732 FV CR	2M582040		1.00
	6 CYL	2.8 L	2786	170	1961-72	Mercury	88.90	2.00	032 BF PC GI	582	6	STD
								2.00	126 RVT PC GI	582005		0.13
								4.75	860 FV CR	582030		0.75
									732 FV CR	582040		1.00
										582060		1.50
									362 BF 3CR GI	2C582	6	STD
									126 RVT PC GI	2C582005		0.13
									860 FV CR			
									732 FV CR			
									327 BF PM GI	2M582	6	STD
									126 RVT PC GI	2M582005		0.13
									860 FV CR	2M582030		0.75
									732 FV CR	2M582040		1.00
	8 CYL	3.6 L	3622	221	1962-63	Ford, Mercury	88.90	2.00	032 BF PC GI	652	8	STD
								2.00	126 RVT PC GI	652030		0.75
								4.75	860 FV CR	652040		1.00
									732 FV CR	652060		1.50
									363 BF CR GI	2C652	8	STD
									126 RVT PC GI	2C652010		0.25
									860 FV CR	2C652020		0.50
									732 FV CR	2C652030		0.75
										2C652040		1.00
									327 BF PM GI	2M652	8	STD
									126 RVT PC GI	2M652030		0.75
									860 FV CR	2M652040		1.00
									732 FV CR			
130 H.P.	8 CYL	3.9 L	3917	239	1954		88.90	2.38	032 BF PC GI	562	8	STD
								2.38	126 RVT PC GI	562020		0.50
								4.75	860 FV CR	562040		1.00
									732 FV CR			
									362 BF 3CR GI	2C562	8	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
16V Duratec 25 DOHC	4 CYL	2.5 L	2491	152	2009-17	Escape, Fusion, Milan	89.00	1.20	398 BF CR S	2C5162	4	STD
								1.20	126 RVT PC GI	2C5162010		0.25
								2.50	995 FV CR	2C5162020		0.50
									732 FV CR	2C5162030		0.75
										2C5162040		1.00
991, 99G, AJ27 Vin: 1, F, G, S Duratec	6 CYL	3.0 L	2968	181	2000-12	Escape, Fusion, Five Hundred	89.00	1.20	398 BF CR S	2C5077	6	STD
								1.50	126 RVT PC GI	2C5077010		0.25
								2.50	872 FV CR	2C5077020		0.50
									005 FV CR	2C5077030		0.75
										2C5077040		1.00
Vin: S Durtec/24V DOHC	6 CYL	3.0 L	2999	181	1996-05	Lincoln, Mercure Sable, Taurus	89.00	1.20	398 BF CR S	2C4888	6	STD
								1.50	126 RVT PC GI	2C4888010		0.25
								3.00	872 FV CR	2C4888020		0.50
									005 FV CR	2C4888030		0.75
										2C4888040		1.00
										2C4888060		1.50
SHO	6 CYL	3.0 L	2999	183	1989-95	Ford Taurus, Mercury	89.00	1.20	398 BF CR S	2C4650	6	STD
								1.50	126 RVT PC GI	2C4650020		0.50
								2.80	861 FV CR	2C4650030		0.75
									732 FV CR	2C4650040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-CARS												
Vin: U OHV	6 CYL	3.0 L	2999	183	1998-08	Sable, Taurus w/3.00mm oil ring	89.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 005 FV CR	5107 5107010 5107020 5107030 5107040 5107060	6	STD 0.25 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 872 FV CR 005 FV CR	2M5107 2M5107010 2M5107020 2M5107030 2M5107040 2M5107060	6	STD 0.25 0.50 0.75 1.00 1.50
Vin:U, Y, 1, 2 Excl: SHO	6 CYL	3.0 L	2999	183	1986-00	Ford Aerostar, Mercury Flex-fuel use 2C5762 Shallow Oil Ring Grv.	89.00	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 052 FV CR 005 FV CR	5762 5762010 5762020 5762030 5762040 5762060	6	STD 0.25 0.50 0.75 1.00 1.50
									363 BF CR GI 126 RVT PC GI 052 FV CR 005 FV CR	2C5762 2C5762010 2C5762020 2C5762030 2C5762040	6	STD 0.25 0.50 0.75 1.00
									397 BF PM S 126 RVT PC GI 052 FV CR 005 FV CR	2M5762 2M5762010 2M5762020 2M5762030 2M5762040	6	STD 0.25 0.50 0.75 1.00
	6 CYL	2.6 L	2600	159	1972-74	Mercury Capri	90.00	2.00 3.00 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	9100	6	STD
Vin: L,H,V,W,X,6	8 CYL	4.6 L	4606	281	1991-15	Lincoln, Mercury,	90.20	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4628 4628010 4628020 4628030 4628040 4628060	8	STD 0.25 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2M4628 2M4628005 2M4628010 2M4628020 2M4628030 2M4628040 2M4628060	8	STD 0.13 0.25 0.50 0.75 1.00 1.50
Vin: V,X,9	8 CYL	4.6 L	4606	281	1998-06	Triton 32 Valve	90.20	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 872 FV CR 732 FV CR	2C5018 2C5018010 2C5018020 2C5018030 2C5018040 2C5018060	8	STD 0.25 0.50 0.75 1.00 1.50
Vin: S DOHC	8 CYL	5.4 L	5409	330	2006-14	Mustang w/2.5mm oil grv. Cayote	90.20	1.50 1.50 2.50	336 T PM DI 126 RVT PC GI 995 FV CR 732 FV CR	2M4755	8	STD
	6 CYL	3.5 L	3524	215	1952-53	Ford	90.49	2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	136 136020 136030 136040 136080	6	STD 0.50 0.75 1.00 2.00
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C136 2C136030 2C136040	6	STD 0.75 1.00
100 H.P.	4 CYL	2.0 L	2000	122	1971-74	Ford Pinto	90.80	2.00 2.50 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	599 599020 599030 599060	4	STD 0.50 0.75 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C599 2C599010 2C599020 2C599030 2C599040 2C599060	4	STD 0.25 0.50 0.75 1.00 1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-CARS												
OHC	6 CYL	4.1 L	4098	250	1989-92	E.A. Falcon Australia	91.86	1.50	032 BF PC GI	4722	6	STD
								1.50	126 RVT PC GI	4722020		0.50
								4.00	056 FV CR	4722030		0.75
									732 FV CR	4722040		1.00
										4722060		1.50
									363 BF CR GI	2C4722	6	STD
									126 RVT PC GI	2C4722020		0.50
									056 FV CR	2C4722030		0.75
									732 FV CR	2C4722040		1.00
										2C4722060		1.50
SHO Yamaha Eng.	6 CYL	3.2 L	3147	192	1993-96	Ford Taurus	92.00	1.20	398 BF CR S	2C4881	6	STD
								1.50	401 SCRP PC GI	2C4881020		0.50
								2.80	861 FV CR	2C4881040		1.00
									732 FV CR			
JF, F223	6 CYL	3.7 L	3655	223	1954-64	Ford, Edsel Ranger 3 Ring Piston	92.08	2.38	032 BF PC GI	563	6	STD
								2.38	126 RVT PC GI	563020		0.50
								4.75	860 FV CR	563030		0.75
									732 FV CR			
	8 CYL	4.5 L	4458	272	1955-57	Ford	92.08	2.38	032 BF PC GI	564	8	STD
								2.38	126 RVT PC GI	564020		0.50
								4.75	860 FV CR	564030		0.75
									732 FV CR			
									362 BF 3CR GI	2C564	8	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
Vin: F,U DOHC/ SOHC	8 CYL	5.0 L	4951	302	2011-17	Mustang, F150 Cyote	92.20	1.20	397 BF PM S	2M4599	8	STD
								1.20	126 RVT PC GI	2M4599020		0.50
								2.50	995 FV CR	2M4599030		0.75
									732 FV CR			
24V Duratec 35 DOHC Ecoboost	6 CYL	3.5 L	3491	213	2007-16	Edge, Fusion, MKX, Sable, Taurus	92.50	1.20	398 BF CR S	2C5164	6	STD
								1.50	126 RVT PC GI	2C5164020		0.50
								2.50	995 FV CR	2C5164030		0.75
									732 FV CR	2C5164040		1.00
Vin: Z	6 CYL	2.8 L	2800	171	1974-79	12V V6	93.00	2.00	032 BF PC GI	4205	6	STD
								2.50	126 RVT PC GI	4205020		0.50
								4.00	860 FV CR	4205030		0.75
									732 FV CR	4205040		1.00
										4205060		1.50
									362 BF 3CR GI	2C4205	6	STD
									126 RVT PC GI	2C4205020		0.50
									860 FV CR	2C4205030		0.75
									732 FV CR	2C4205040		1.00
										2C4205060		1.50
Vin: T,V	6 CYL	2.9 L	2901	177	1986-95	Mercury	93.00	1.60	032 BF PC GI	4450	6	STD
								1.75	126 RVT PC GI	4450020		0.50
								3.50	058 FV CR	4450030		0.75
									732 FV CR	4450040		1.00
										4450060		1.50
									363 BF CR GI	2C4450	6	STD
									126 RVT PC GI	2C4450020		0.50
									058 FV CR	2C4450030		0.75
									732 FV CR	2C4450040		1.00
										2C4450060		1.50
									327 BF PM GI	2M4450	6	STD
									126 RVT PC GI	2M4450020		0.50
									058 FV CR	2M4450030		0.75
									732 FV CR	2M4450040		1.00
										2M4450060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-CARS												
	6 CYL	3.3 L	3278	200	1963-84	Mercury	93.47	2.00	032 BF PC GI	586	6	STD
								2.00	126 RVT PC GI	586010		0.25
								4.75	860 FV CR	586020		0.50
									732 FV CR	586030		0.75
										586040		1.00
										586060		1.50
										586080		2.00
									362 BF 3CR GI	2C586	6	STD
									126 RVT PC GI	2C586010		0.25
									860 FV CR	2C586020		0.50
									732 FV CR	2C586030		0.75
										2C586040		1.00
										2C586060		1.50
										2C586080		2.00
									327 BF PM GI	2M586	6	STD
									126 RVT PC GI	2M586020		0.50
									860 FV CR	2M586030		0.75
									732 FV CR	2M586040		1.00
										2M586060		1.50
										2M586080		2.00
	6 CYL	3.3 L	3278	200		For ACL Duralite Pistons	93.47	2.00	032 BF PC GI	4711	6	STD
						Shallow Oil Ring Grv.		2.00	126 RVT PC GI	4711010		0.25
								4.75	860 FV CR	4711020		0.50
									732 FV CR	4711030		0.75
										4711040		1.00
										4711060		1.50
									363 BF CR GI	2C4711	6	STD
									126 RVT PC GI	2C4711020		0.50
									860 FV CR	2C4711030		0.75
									732 FV CR	2C4711040		1.00
										2C4711060		1.50
									327 BF PM GI	2M4711	6	STD
									126 RVT PC GI	2M4711020		0.50
									860 FV CR	2M4711030		0.75
									732 FV CR	2M4711040		1.00
										2M4711060		1.50
	6 CYL	4.1 L	4098	250		For ACL Duralite Pistons	93.47	2.00	032 BF PC GI	4711	6	STD
						Shallow Oil Ring Grv.		2.00	126 RVT PC GI	4711010		0.25
								4.75	860 FV CR	4711020		0.50
									732 FV CR	4711030		0.75
										4711040		1.00
										4711060		1.50
									363 BF CR GI	2C4711	6	STD
									126 RVT PC GI	2C4711020		0.50
									860 FV CR	2C4711030		0.75
									732 FV CR	2C4711040		1.00
										2C4711060		1.50
									327 BF PM GI	2M4711	6	STD
									126 RVT PC GI	2M4711020		0.50
									860 FV CR	2M4711030		0.75
									732 FV CR	2M4711040		1.00
										2M4711060		1.50
	6 CYL	4.1 L	4098	250	1969-80	Mercury	93.47	2.00	032 BF PC GI	586	6	STD
								2.00	126 RVT PC GI	586010		0.25
								4.75	860 FV CR	586020		0.50
									732 FV CR	586030		0.75
										586040		1.00
										586060		1.50
										586080		2.00
									362 BF 3CR GI	2C586	6	STD
									126 RVT PC GI	2C586010		0.25
									860 FV CR	2C586020		0.50
									732 FV CR	2C586030		0.75
										2C586040		1.00
										2C586060		1.50
										2C586080		2.00
									327 BF PM GI	2M586	6	STD
									126 RVT PC GI	2M586020		0.50
									860 FV CR	2M586030		0.75
									732 FV CR	2M586040		1.00
										2M586060		1.50
										2M586080		2.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-CARS												
Hi-Swirl Combustion	4 CYL	2.3 L	2295	140	1984-94	Mercury	93.47	2.00	032 BF PC GI	5688	4	STD
								2.00	126 RVT PC GI	5688020		0.50
								4.75	860 FV CR	5688030		0.75
									732 FV CR	5688040		1.00
										5688060		1.50
									363 BF CR GI	2C5688	4	STD
									126 RVT PC GI	2C5688020		0.50
									860 FV CR	2C5688030		0.75
									732 FV CR	2C5688040		1.00
										2C5688060		1.50
									327 BF PM GI	2M5688	4	STD
									126 RVT PC GI	2M5688020		0.50
									860 FV CR	2M5688030		0.75
									732 FV CR	2M5688040		1.00
Hi-Swirl Combustion OHV	4 CYL	2.5 L	2508	153	1986-91	Mercury	93.47	2.00	032 BF PC GI	5688	4	STD
								2.00	126 RVT PC GI	5688020		0.50
								4.75	860 FV CR	5688030		0.75
									732 FV CR	5688040		1.00
										5688060		1.50
									363 BF CR GI	2C5688	4	STD
									126 RVT PC GI	2C5688020		0.50
									860 FV CR	2C5688030		0.75
									732 FV CR	2C5688040		1.00
										2C5688060		1.50
									327 BF PM GI	2M5688	4	STD
									126 RVT PC GI	2M5688020		0.50
									860 FV CR	2M5688030		0.75
									732 FV CR	2M5688040		1.00
X-EFI OHC	6 CYL	4.1 L	4098	250		Ford Falcon Australia	93.47	1.50	032 BF PC GI	4409	6	STD
								1.50	126 RVT PC GI	4409030		0.75
								4.00	056 FV CR	4409040		1.00
									732 FV CR	4409060		1.50
									363 BF CR GI	2C4409	6	STD
									126 RVT PC GI	2C4409030		0.75
									056 FV CR	2C4409040		1.00
									732 FV CR	2C4409060		1.50
	8 CYL	4.2 L	4179	255	1980-82	Ford, Mercury	93.47	2.00	032 BF PC GI	5618	8	STD
								2.00	126 RVT PC GI	5618020		0.50
								4.75	860 FV CR	5618030		0.75
									732 FV CR	5618040		1.00
										5618060		1.50
									362 BF 3CR GI	2C5618	8	STD
									126 RVT PC GI	2C5618020		0.50
									860 FV CR	2C5618030		0.75
									732 FV CR	2C5618040		1.00
										2C5618060		1.50
									327 BF PM GI	2M5618	8	STD
									126 RVT PC GI	2M5618020		0.50
									860 FV CR	2M5618030		0.75
									732 FV CR	2M5618040		1.00
										2M5618060		1.50
	4 CYL				1916-27	T Ford AI Piston	95.25	3.18	032 BF PC GI	776	4	STD
								3.18	126 RVT PC GI	776040		1.00
								4.75	501 1PCO PC GI			
	8 CYL	4.8 L	4786	292	1955-62	Ford, Edsel, Mercury	95.25	2.00	032 BF PC GI	568	8	STD
								2.00	126 RVT PC GI	568010		0.25
								4.75	860 FV CR	568020		0.50
									732 FV CR	568030		0.75
										568040		1.00
										568060		1.50
										568080		2.00
										568100		2.50
									363 BF CR GI	2C568	8	STD
									126 RVT PC GI	2C568010		0.25
									860 FV CR	2C568020		0.50
									732 FV CR	2C568030		0.75
										2C568040		1.00
										2C568060		1.50
									327 BF PM GI	2M568	8	STD
									126 RVT PC GI	2M568010		0.25
									860 FV CR	2M568020		0.50
									732 FV CR	2M568030		0.75
										2M568040		1.00
										2M568060		1.50
										2M568080		2.00
										2M568100		2.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-CARS												
Vin:K,M,N,R	6 CYL	3.7 L	3721	227	2009-15	Lincoln, Mustang	95.50	1.20	397 BF PM S	2M4183	6	STD
Duratec 37								1.50	406 N PC DI	2M4183020		0.50
								2.50	934 FV CR	2M4183030		0.75
									005 FV CR	2M4183040		1.00
Vin 6	4 CYL	2.3 L	2300	140	1974-84		96.00	2.00	032 BF PC GI	4203	4	STD
SOHC								2.00	126 RVT PC GI	4203020		0.50
								4.75	860 FV CR	4203030		0.75
									732 FV CR	4203040		1.00
										4203060		1.50
									362 BF 3CR GI	2C4203	4	STD
									126 RVT PC GI	2C4203010		0.25
									860 FV CR	2C4203020		0.50
									732 FV CR	2C4203030		0.75
										2C4203040		1.00
										2C4203060		1.50
									327 BF PM GI	2M4203	4	STD
									126 RVT PC GI	2M4203010		0.25
									860 FV CR	2M4203020		0.50
									732 FV CR	2M4203030		0.75
										2M4203040		1.00
										2M4203060		1.50
VIN T, W	4 CYL	2.3 L	2300	140	1979-89	8V Turbo	96.00	2.00	336 T PM DI	2M5613	4	STD
SOHC								2.00	126 RVT PC GI	2M5613020		0.50
								4.75	860 FV CR	2M5613030		0.75
									732 FV CR	2M5613040		1.00
Vin: A	4 CYL	2.3 L	2300	140	1985-97	Mercury	96.00	1.50	032 BF PC GI	5761	4	STD
OHC								1.50	126 RVT PC GI	5761020		0.50
								4.00	870 FV CR	5761030		0.75
									732 FV CR	5761040		1.00
										5761060		1.50
									362 BF 3CR GI	2C5761	4	STD
									126 RVT PC GI	2C5761020		0.50
									870 FV CR	2C5761030		0.75
									732 FV CR	2C5761040		1.00
										2C5761060		1.50
									327 BF PM GI	2M5761	4	STD
									126 RVT PC GI	2M5761020		0.50
									870 FV CR	2M5761030		0.75
									732 FV CR	2M5761040		1.00
										2M5761060		1.50
	8 CYL	4.3 L	4261	260	1962-65	Ford	96.52	2.00	032 BF PC GI	571	8	STD
								2.38	126 RVT PC GI	571030		0.75
								4.75	860 FV CR	571040		1.00
									732 FV CR	571060		1.50
									362 BF 3CR GI	2C571	8	STD
									126 RVT PC GI	2C571030		0.75
									860 FV CR	2C571040		1.00
									732 FV CR	2C571060		1.50
									327 BF PM GI	2M571	8	STD
									126 RVT PC GI	2M571030		0.75
									860 FV CR	2M571040		1.00
									732 FV CR	2M571060		1.50
	8 CYL	5.1 L	5114	312	1956-57	Ford	96.52	2.00	032 BF PC GI	571	8	STD
								2.38	126 RVT PC GI	571030		0.75
								4.75	860 FV CR	571040		1.00
									732 FV CR	571060		1.50
									362 BF 3CR GI	2C571	8	STD
									126 RVT PC GI	2C571030		0.75
									860 FV CR	2C571040		1.00
									732 FV CR	2C571060		1.50
									327 BF PM GI	2M571	8	STD
									126 RVT PC GI	2M571030		0.75
									860 FV CR	2M571040		1.00
									732 FV CR	2M571060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-CARS												
	8 CYL	5.2 L	5196	317	1952-54	All Models Lincoln	96.52	2.00	032 BF PC GI	696	8	STD
								2.00	126 RVT PC GI	696010		0.25
								4.75	860 FV CR	696020		0.50
									732 FV CR	696030		0.75
										696040		1.00
										696060		1.50
									362 BF 3CR GI	2C696	8	STD
									126 RVT PC GI	2C696010		0.25
									860 FV CR	2C696020		0.50
									732 FV CR	2C696030		0.75
										2C696040		1.00
										2C696060		1.50
									327 BF PM GI	2M696	8	STD
									126 RVT PC GI	2M696020		0.50
									860 FV CR	2M696030		0.75
									732 FV CR	2M696040		1.00
										2M696060		1.50
	6 CYL	3.8 L	3802	232	1988-95	Ford, Lincoln, Mercury	96.80	1.50	032 BF PC GI	4262	6	STD
								1.50	126 RVT PC GI	4262020		0.50
								4.00	052 FV CR	4262030		0.75
									005 FV CR	4262040		1.00
										4262060		1.50
									327 BF PM GI	2M4262	6	STD
									126 RVT PC GI	2M4262020		0.50
									052 FV CR	2M4262030		0.75
									005 FV CR	2M4262040		1.00
										2M4262060		1.50
	6 CYL	3.8 L	3802	232	1988-95	Ford Supercharged	96.80	1.50	335 T PM DI	2M4717	6	STD
								1.50	126 RVT PC GI	2M4717020		0.50
								4.00	052 FV CR	2M4717030		0.75
									005 FV CR	2M4717040		1.00
	6 CYL	3.8 L	3802	232	1982-87	Ford, Lincoln, Mercury	96.80	2.00	032 BF PC GI	5649	6	STD
								2.00	126 RVT PC GI	5649020		0.50
								4.00	860 FV CR	5649030		0.75
									732 FV CR	5649040		1.00
										5649060		1.50
									363 BF CR GI	2C5649	6	STD
									126 RVT PC GI	2C5649020		0.50
									860 FV CR	2C5649030		0.75
									732 FV CR	2C5649040		1.00
										2C5649060		1.50
									327 BF PM GI	2M5649	6	STD
									126 RVT PC GI	2M5649020		0.50
									860 FV CR	2M5649030		0.75
									732 FV CR	2M5649040		1.00
										2M5649060		1.50
Vin: 4	6 CYL	3.8 L	3802	232	1996-04	Ford, Mercury	96.80	1.50	032 BF PC GI	4885	6	STD
								1.50	126 RVT PC GI	4885010		0.25
								3.00	872 FV CR	4885020		0.50
									732 FV CR	4885030		0.75
										4885040		1.00
										4885060		1.50
									335 T PM DI	2M4885	6	STD
									126 RVT PC GI	2M4885010		0.25
									872 FV CR	2M4885020		0.50
									732 FV CR	2M4885030		0.75
										2M4885040		1.00
										2M4885060		1.50
									322 BF GN SS	2N4885	6	STD
									126 RVT PC GI	2N488575		0.75
									987 FV GN SS	2N4885100		1.00
									714 GN SS			
A, B, A, AA, BB	4 CYL	3.3 L	3278	200	1928-33	Late 1928 Ford	98.43	3.18	032 BF PC GI	120	4	STD
								3.18	126 RVT PC GI	120030		0.75
								4.00	056 FV CR	120040		1.00
									732 FV CR	120060		1.50
										120080		2.00
										120100		2.50
										120125		3.13
	8 CYL	5.6 L	5589	341	1955	All Models Linclon	100.01	2.00	032 BF PC GI	636	8	STD
								2.00	126 RVT PC GI	636030		0.75
								4.75	860 FV CR			
									732 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-CARS												
Vin: E,X SOHC, OHV	6 CYL	4.0 L	3999	244	1990-01		100.40	1.60	032 BF PC GI	4627	6	STD
								1.75	126 RVT PC GI	4627020		0.50
								3.50	874 FV CR	4627030		0.75
									732 FV CR	4627040		1.00
										4627060		1.50
									335 T PM DI	2M4627	6	STD
									126 RVT PC GI	2M4627010		0.25
									874 FV CR	2M4627020		0.50
									732 FV CR	2M4627030		0.75
										2M4627040		1.00
										2M4627060		1.50
Vin: E,K SOHC	6 CYL	4.0 L	4016	245	2002-11		100.40	1.20	398 BF CR S	2C5187	6	STD
								1.50	126 RVT PC GI	2C5187010		0.25
								3.00	054 FV CR	2C5187020		0.50
									732 FV CR	2C5187030		0.75
										2C5187040		1.00
	6 CYL	3.9 L	3934	240	1965-77	Ford, Mercury	101.60	2.00	032 BF PC GI	592	6	STD
								2.00	126 RVT PC GI	592010		0.25
								4.75	860 FV CR	592020		0.50
									732 FV CR	592030		0.75
										592040		1.00
										592060		1.50
										592080		2.00
									362 BF 3CR GI	2C592	6	STD
									126 RVT PC GI	2C592010		0.25
									860 FV CR	2C592020		0.50
									732 FV CR	2C592030		0.75
										2C592040		1.00
										2C592060		1.50
										2C592080		2.00
									397 BF PM S	2M592	6	STD
									126 RVT PC GI	2M592020		0.50
									860 FV CR	2M592030		0.75
									732 FV CR	2M592040		1.00
										2M592060		1.50
										2M592065		1.63
										2M592080		2.00
	8 CYL	4.7 L	4737	289	1963-68	Ford, Mercury	101.60	2.00	032 BF PC GI	139	8	STD
								2.00	126 RVT PC GI	139010		0.25
								4.75	860 FV CR	139020		0.50
									732 FV CR	139030		0.75
										139040		1.00
										139060		1.50
										139070		1.75
										139080		2.00
										139100		2.50
									362 BF 3CR GI	2C139	8	STD
									126 RVT PC GI	2C139010		0.25
									860 FV CR	2C139020		0.50
									732 FV CR	2C139030		0.75
										2C139040		1.00
										2C139060		1.50
										2C139070		1.75
										2C139080		2.00
									397 BF PM S	2M139	8	STD
									126 RVT PC GI	2M139005		0.13
									860 FV CR	2M139010		0.25
									732 FV CR	2M139020		0.50
										2M139030		0.75
										2M139040		1.00
										2M139060		1.50
										2M139070		1.75
										2M139080		2.00
										2M139100		2.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-CARS												
	8 CYL	5.0 L	4950	302	1968-86	Ford, Lincoln, Mercury	101.60	2.00	032 BF PC GI	139	8	STD
								2.00	126 RVT PC GI	139010		0.25
								4.75	860 FV CR	139020		0.50
									732 FV CR	139030		0.75
										139040		1.00
										139060		1.50
										139070		1.75
										139080		2.00
										139100		2.50
									362 BF 3CR GI	2C139	8	STD
									126 RVT PC GI	2C139010		0.25
									860 FV CR	2C139020		0.50
									732 FV CR	2C139030		0.75
										2C139040		1.00
										2C139060		1.50
										2C139070		1.75
										2C139080		2.00
									397 BF PM S	2M139	8	STD
									126 RVT PC GI	2M139005		0.13
									860 FV CR	2M139010		0.25
									732 FV CR	2M139020		0.50
										2M139030		0.75
										2M139040		1.00
										2M139060		1.50
										2M139070		1.75
										2M139080		2.00
										2M139100		2.50
	8 CYL	5.4 L	5441	332	1958-65	Ford, Edsel Corsair	101.60	2.00	032 BF PC GI	577	8	STD
								2.38	126 RVT PC GI	577020		0.50
								4.75	860 FV CR	577030		0.75
									732 FV CR	577040		1.00
										577060		1.50
									362 BF 3CR GI	2C577	8	STD
									126 RVT PC GI	2C577020		0.50
									860 FV CR	2C577030		0.75
									732 FV CR	2C577040		1.00
										2C577060		1.50
									397 BF PM S	2M577	8	STD
									126 RVT PC GI	2M577020		0.50
									860 FV CR	2M577030		0.75
									732 FV CR	2M577040		1.00
										2M577060		1.50
	8 CYL	5.8 L	5769	352	1958-65	Ford, Edsel Corsair	101.60	2.00	032 BF PC GI	577	8	STD
								2.38	126 RVT PC GI	577020		0.50
								4.75	860 FV CR	577030		0.75
									732 FV CR	577040		1.00
										577060		1.50
									362 BF 3CR GI	2C577	8	STD
									126 RVT PC GI	2C577020		0.50
									860 FV CR	2C577030		0.75
									732 FV CR	2C577040		1.00
										2C577060		1.50
									397 BF PM S	2M577	8	STD
									126 RVT PC GI	2M577020		0.50
									860 FV CR	2M577030		0.75
									732 FV CR	2M577040		1.00
										2M577060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-CARS												
VIN.# C, M, W	8 CYL	5.8 L	5753	351	1966-95	Ford, Lincoln, Mercury	101.60	2.00	032 BF PC GI	139	8	STD
								2.00	126 RVT PC GI	139010		0.25
								4.75	860 FV CR	139020		0.50
									732 FV CR	139030		0.75
										139040		1.00
										139060		1.50
										139070		1.75
										139080		2.00
										139100		2.50
									362 BF 3CR GI	2C139	8	STD
									126 RVT PC GI	2C139010		0.25
									860 FV CR	2C139020		0.50
									732 FV CR	2C139030		0.75
										2C139040		1.00
										2C139060		1.50
										2C139070		1.75
										2C139080		2.00
									397 BF PM S	2M139	8	STD
									126 RVT PC GI	2M139005		0.13
									860 FV CR	2M139010		0.25
									732 FV CR	2M139020		0.50
										2M139030		0.75
										2M139040		1.00
										2M139060		1.50
										2M139070		1.75
										2M139080		2.00
										2M139100		2.50
	8 CYL	6.0 L	6032	368	1957	Mercury	101.60	2.00	032 BF PC GI	577	8	STD
								2.38	126 RVT PC GI	577020		0.50
								4.75	860 FV CR	577030		0.75
									732 FV CR	577040		1.00
										577060		1.50
									362 BF 3CR GI	2C577	8	STD
									126 RVT PC GI	2C577020		0.50
									860 FV CR	2C577030		0.75
									732 FV CR	2C577040		1.00
										2C577060		1.50
									397 BF PM S	2M577	8	STD
									126 RVT PC GI	2M577020		0.50
									860 FV CR	2M577030		0.75
									732 FV CR	2M577040		1.00
										2M577060		1.50
	8 CYL	6.6 L	6556	400	1971-78	Ford, Lincoln, Mercury	101.60	2.00	032 BF PC GI	139	8	STD
								2.00	126 RVT PC GI	139010		0.25
								4.75	860 FV CR	139020		0.50
									732 FV CR	139030		0.75
										139040		1.00
										139060		1.50
										139070		1.75
										139080		2.00
										139100		2.50
									362 BF 3CR GI	2C139	8	STD
									126 RVT PC GI	2C139010		0.25
									860 FV CR	2C139020		0.50
									732 FV CR	2C139030		0.75
										2C139040		1.00
										2C139060		1.50
										2C139070		1.75
										2C139080		2.00
									397 BF PM S	2M139	8	STD
									126 RVT PC GI	2M139005		0.13
									860 FV CR	2M139010		0.25
									732 FV CR	2M139020		0.50
										2M139030		0.75
										2M139040		1.00
										2M139060		1.50
										2M139070		1.75
										2M139080		2.00
										2M139100		2.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-CARS												
Vin: N	8 CYL	5.0 L	4950	302	1986-95	Excl. "Lightning"	101.60	1.50	032 BF PC GI	4346	8	STD
								1.50	126 RVT PC GI	4346020		0.50
								4.00	635 FV CR	4346030		0.75
									732 FV CR	4346040		1.00
										4346060		1.50
									327 BF PM GI	2M4346	8	STD
									126 RVT PC GI	2M4346010		0.25
									635 FV CR	2M4346020		0.50
									732 FV CR	2M4346030		0.75
										2M4346040		1.00
										2M4346060		1.50
Vin: N	8 CYL	5.0 L	4950	302	1996-01	Ford, Mercury, "Lightning" Shallow Top Grv.	101.60	1.50	032 BF PC GI	4726	8	STD
								1.50	126 RVT PC GI	4726020		0.50
								4.00	635 FV CR	4726030		0.75
									732 FV CR	4726040		1.00
										4726060		1.50
									397 BF PM S	2M4726	8	STD
									126 RVT PC GI	2M4726005		0.13
									635 FV CR	2M4726010		0.25
									732 FV CR	2M4726020		0.50
										2M4726030		0.75
										2M4726040		1.00
										2M4726060		1.50
	8 CYL	5.9 L	5917	361	1958-59	Edsel Corsair, Pacer, E400	102.87	2.00	032 BF PC GI	574	8	STD
								2.38	126 RVT PC GI	574020		0.50
								4.75	860 FV CR	574030		0.75
									732 FV CR	574040		1.00
										574060		1.50
									362 BF 3CR GI	2C574	8	STD
									126 RVT PC GI	2C574010		0.25
									860 FV CR	2C574020		0.50
									732 FV CR	2C574030		0.75
									345 T PM GI	2M574	8	STD
									126 RVT PC GI	2M574020		0.50
									860 FV CR	2M574030		0.75
									732 FV CR	2M574040		1.00
										2M574060		1.50
	8 CYL	6.4 L	6392	390	1961-65	Ford Thunderbird	102.87	2.00	032 BF PC GI	574	8	STD
								2.38	126 RVT PC GI	574020		0.50
								4.75	860 FV CR	574030		0.75
									732 FV CR	574040		1.00
										574060		1.50
									362 BF 3CR GI	2C574	8	STD
									126 RVT PC GI	2C574010		0.25
									860 FV CR	2C574020		0.50
									732 FV CR	2C574030		0.75
									345 T PM GI	2M574	8	STD
									126 RVT PC GI	2M574020		0.50
									860 FV CR	2M574030		0.75
									732 FV CR	2M574040		1.00
										2M574060		1.50
	8 CYL	6.4 L	6392	390	1966-67	Ford	102.87	2.00	032 BF PC GI	594	8	STD
								2.00	126 RVT PC GI	594020		0.50
								4.75	860 FV CR	594030		0.75
									732 FV CR	594040		1.00
										594060		1.50
									362 BF 3CR GI	2C594	8	STD
									126 RVT PC GI	2C594020		0.50
									860 FV CR	2C594030		0.75
									732 FV CR			
									327 BF PM GI	2M594	8	STD
									126 RVT PC GI	2M594020		0.50
									860 FV CR	2M594030		0.75
									732 FV CR	2M594060		1.50
	8 CYL	6.7 L	6720	410	1966-67	Ford, Mercury	102.87	2.00	032 BF PC GI	594	8	STD
								2.00	126 RVT PC GI	594020		0.50
								4.75	860 FV CR	594030		0.75
									732 FV CR	594040		1.00
										594060		1.50
									362 BF 3CR GI	2C594	8	STD
									126 RVT PC GI	2C594020		0.50
									860 FV CR	2C594030		0.75
									732 FV CR			
									327 BF PM GI	2M594	8	STD
									126 RVT PC GI	2M594020		0.50
									860 FV CR	2M594030		0.75
									732 FV CR	2M594060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-CARS												
	8 CYL	7.0 L	7015	428	1966-70	Ford	104.90	2.00	032 BF PC GI	595	8	STD
								2.00	126 RVT PC GI	595020		0.50
								4.75	860 FV CR	595030		0.75
									732 FV CR	595040		1.00
										595060		1.50
									327 BF PM GI	2M595	8	STD
									126 RVT PC GI	2M595030		0.75
									860 FV CR	2M595040		1.00
									732 FV CR	2M595060		1.50
	8 CYL	6.3 L	6277	383	1959-60	Ford Thunderbird 76A	109.22	2.00	032 BF PC GI	576	8	STD
								2.38	126 RVT PC GI	576030		0.75
								4.75	860 FV CR			
									732 FV CR			
	8 CYL	7.0 L	7048	430	1959-60	Ford Thunderbird 76A	109.22	2.00	032 BF PC GI	576	8	STD
								2.38	126 RVT PC GI	576030		0.75
								4.75	860 FV CR			
									732 FV CR			
	8 CYL	7.0 L	7031	429	1968-73		110.74	2.00	032 BF PC GI	598	8	STD
								2.00	126 RVT PC GI	598020		0.50
								4.75	860 FV CR	598030		0.75
									732 FV CR	598040		1.00
										598060		1.50
									363 BF CR GI	2C598	8	STD
									126 RVT PC GI	2C598020		0.50
									860 FV CR	2C598030		0.75
									732 FV CR	2C598040		1.00
										2C598060		1.50
									345 T PM GI	2M598	8	STD
									126 RVT PC GI	2M598020		0.50
									860 FV CR	2M598030		0.75
									732 FV CR	2M598040		1.00
										2M598060		1.50
	8 CYL	7.5 L	7539	460	1968-78		110.74	2.00	032 BF PC GI	598	8	STD
								2.00	126 RVT PC GI	598020		0.50
								4.75	860 FV CR	598030		0.75
									732 FV CR	598040		1.00
										598060		1.50
									363 BF CR GI	2C598	8	STD
									126 RVT PC GI	2C598020		0.50
									860 FV CR	2C598030		0.75
									732 FV CR	2C598040		1.00
										2C598060		1.50
									345 T PM GI	2M598	8	STD
									126 RVT PC GI	2M598020		0.50
									860 FV CR	2M598030		0.75
									732 FV CR	2M598040		1.00
										2M598060		1.50
	8 CYL	7.0 L	6982	426	1966-68	Lincoln	111.25	2.00	345 T PM GI	2M596	8	STD
								2.38	126 RVT PC GI	2M596020		0.50
								4.75	860 FV CR	2M596040		1.00
									732 FV CR			
FORD-EUROPEAN												
TBL	4 CYL	1.0 L	999		1989-95	Escort, Fiesta, Orion	68.68	1.50	032 BF PC GI	4856	4	STD
								1.75	126 RVT PC GI	4856020		0.50
								3.00	054 FV CR	4856040		1.00
									732 FV CR			
									363 BF CR GI	2C4856	4	STD
									126 RVT PC GI	2C4856020		0.50
									054 FV CR	2C4856040		1.00
									732 FV CR			
G6A/GUE, GUD, BL11CFI, GUF HCS	4 CYL	1.1 L	1118		1989-95	Escort, Fiesta, Orion	68.68	1.50	032 BF PC GI	4856	4	STD
								1.75	126 RVT PC GI	4856020		0.50
								3.00	054 FV CR	4856040		1.00
									732 FV CR			
									363 BF CR GI	2C4856	4	STD
									126 RVT PC GI	2C4856020		0.50
									054 FV CR	2C4856040		1.00
									732 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-EUROPEAN												
M1CA,M1CB,M1DA, M1DC,M1DD,M1DH, M1JA,M1JC,M1JE, M1JH,M1JJ,M1JL, M1JM,M2DA,M2DB, M2DC,M2GA,M2GB P4JA,P4JB,P4JC, P4JD,SFCA,SFCB, SFCC,SFCD,SFDA, SFDB,SFJA,SFJB, SFJC,SFJD,SFJE, SFJF,SFJH,SFJJ, SFJK,XMJA,XMJB, XMJC,XMJD,YYJA, YYJB,YYJC,YYJD, YYJE EcoBoost	3 CYL	1.0 L	998		2012-On	B-Max ,C-Max, Ecosport,Fiesta, Focus, Mondeo, Tourneo Connect, Transit Courier	71.90	1.00 1.20 2.00	317 BF GN SS 126 RVT PC GI 990 FV CR 732 FV CR	SN4169 SN416950	3	STD 0.50
DHA, DHA, DHC, DHD DHE, DHF, DHG (Zetec SE)	4 CYL	1.2 L	1242		1995-02	Fiesta IV	71.90	1.20 1.50 2.50	398 BF CR S 435 SCRP PC GI 989 FV CR 732 FV CR	2C5637	4	STD
F6JA, F6JB	4 CYL	1.4 L	1399		2001-On	Turbo Diesel	73.70	2.50 1.95 2.50	213 FKST CC DI 209 RVT PC DI 248 CF CR 881 2PCO	2D7270 2D727025 2D727050	1	STD 0.25 0.50
I4 SOHC	4 CYL	1.3 L	1297				73.94	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 732 FV CR	2C5259 2C5259020	4	STD 0.50
GSF, TKA/B/W, TLA	4 CYL	1.3 L	1297		1976-89	Escort, Fiesta, Orion	73.94	1.50 1.75 3.00	032 BF PC GI 401 SCRP PC GI 054 FV CR 732 FV CR	4858 4858020 4858030 4858040	4	STD 0.50 0.75 1.00
									363 BF CR GI 401 SCRP PC GI 054 FV CR 732 FV CR	2C4858 2C4858010 2C4858020 2C4858030 2C4858040	4	STD 0.25 0.50 0.75 1.00
	4 CYL	1.1 L	1100		1976	Fiesta, Ghia, Lussco	74.00	1.60 2.00 4.00	362 BF 3CR GI 401 SCRP PC GI 058 FV CR 732 FV CR	2C4471 2C4471020 2C4471030 2C4471040	4	STD 0.50 0.75 1.00
T1BA, T1BB, T1BC T1DA, T1DB, T3DA T3JA, T3JB, TZJA, TZJB (Duratorq TDCI)	4 CYL	1.6 L	1560		2005-On	Focus, Fiesta Van, Mondeo Diesel Eng Incl. Turbo	75.00	2.50 1.95 2.00	271 FKST BF CC DI 406 N PC DI 248 CF CR 881 2PCO	2D7431 2D743125 2D743150	4	STD 0.25 0.50
G8DA, G8DB, HHDA, HHDB, HHJA, HHJB	4 CYL	1.6 L	1560		2003-On	Turbo Diesel	75.00	3.00 2.00 2.50	213 FKST CC DI 202 TTF PC DI 204 CF CR DI 881 2PCO	2D7254 2D725450	1	STD 0.50
FXJB, FXJA, FXDD, ZH14 FXDC, FXDB, FXDA, FHF, FHE, FHD, FHA, Zetec S	4 CYL	1.4 L	1388		1996-On	16V Fiesta, Focus, Ghia, Puma	76.00	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C4565 2C4565020 2C4565030	4	STD 0.50 0.75
	4 CYL	1.4 L	1392		1986-On	CVH Ford	77.24	1.60 2.00 4.00	032 BF PC GI 401 SCRP PC GI 056 FV CR 732 FV CR	5019 5019020 5019030 5019040	4	STD 0.50 0.75 1.00
									327 BF PM GI 401 SCRP PC GI 056 FV CR 732 FV CR	2M5019 2M5019010 2M5019020 2M5019040	4	STD 0.25 0.50 1.00
	4 CYL	1.3 L	1293		1973	Capri Taunus 1300, 1300SW	79.00	2.00 2.50 4.00	032 BF PC GI 401 SCRP PC GI 056 FV CR 732 FV CR	4482 4482020 4482040	4	STD 0.50 1.00
									362 BF 3CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C4482 2C4482040	4	STD 1.00
HWDA, HWDB, HXDA HXDB, (Duratec Ti-VCT) HXJA, RHBA, SIDA	4 CYL	1.6 L	1596		2003-10	C-Max, Focus, Focus II	79.00	1.20 1.50 2.00	322 BF GN SS 406 N PC DI 987 FV GN SS 714 GN SS	2N4071	4	STD
FYDA, FYDB, FYDC, FYDD, FYDH, FYJA, FYJB, ZH 16 Ztec DOHC Vin: J	4 CYL	1.6 L	1596		1998-04	Fiesta, Focus, Mondeo, Puma	79.00	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 990 FV CR 005 FV CR	2C5855 2C5855020 2C5855030	4	STD 0.50 0.75

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-EUROPEAN												
CVH	4 CYL	1.8 L	1789		1988-93	Sierra L, LX, GL, GLX Ford #E7EE6159DA	80.00	1.50 1.50 3.00	032 BF PC GI 401 SCRP PC GI 054 FV CR 732 FV CR	4691 4691020 4691030 4691040	4	STD 0.50 0.75 1.00
									362 BF 3CR GI 401 SCRP PC GI 054 FV CR 732 FV CR	2C4691 2C4691010 2C4691020 2C4691030 2C4691040	4	STD 0.25 0.50 0.75 1.00
									327 BF PM GI 401 SCRP PC GI 054 FV CR 732 FV CR	2M4691 2M4691020 2M4691040	4	STD 0.50 1.00
LSD, LSE	4 CYL	1.6 L	1593		1982-93	Sierra 1600,E, G, Laser	81.28	1.60 2.00 4.00	335 T PM DI 126 RVT PC GI 056 FV CR 732 FV CR	2M4787 2M4787020 2M4787040	4	STD 0.50 1.00
BHDA, BHDB, C9DA, C9DB, C9DC, F9DA, F9DB, FFDA, KKDA SOHC	4 CYL	1.8 L	1753		1998-07	Focus TDCi Turbo Diesel	82.50	2.50 2.00 3.00	211 HKST CC DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2D7104 2D710450	1	STD 0.50
RFA, RFB, RFL, RFD, RFK, RFM, RFN, RFS, RFU, RVA SOHC	4 CYL	1.8 L	1753		1993-01	Mondeo Turbo Diesel	82.50	2.50 2.00 3.00	238 FKST CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2C7133	1	STD
RTE, RTF, RTH, RTA, RTC, RTD, RTG, RTJ, RTK, D18 RT, RTB SOHC	4 CYL	1.8 L	1753		1988-01	Courier, Escort, Fiesta, Orion Diesel Eng	82.50	2.00 2.00 3.00	217 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2C7538	1	STD
	4 CYL	1.7 L	1700		1957-64	Combi Station Wagon Taunus 17M	84.00	2.00 3.00 5.00	032 BF PC GI 401 SCRP PC GI 871 FV CR 732 FV CR	5925 5925020 5925030 5925040 5925060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 401 SCRP PC GI 871 FV CR 732 FV CR	2C5925 2C5925010 2C5925020 2C5925030 2C5925040 2C5925060	4	STD 0.25 0.50 0.75 1.00 1.50
	6 CYL	2.0 L	1998		1964-72	Taunus	84.00	2.00 3.00 5.00	032 BF PC GI 401 SCRP PC GI 871 FV CR 732 FV CR	6137 6137020 6137030 6137040 6137060	6	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 401 SCRP PC GI 871 FV CR 732 FV CR	2C6137 2C6137010 2C6137020 2C6137030 2C6137040 2C6137060	6	STD 0.25 0.50 0.75 1.00 1.50
ZH20 Vin. Z, 3 DOHC	4 CYL	2.0 L	1988	121	1998-On	Mondeo	84.86	1.50 1.75 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	4887 4887010 4887020 4887030 4887040	4	STD 0.25 0.50 0.75 1.00
									327 BF PM GI 126 RVT PC GI 054 FV CR 732 FV CR	2M4887 2M4887020 2M4887030 2M4887040	4	STD 0.50 0.75 1.00
	4 CYL	2.0 L	1998		1995-00	16 valve, Mondeo	84.86	1.20 1.75 3.00	398 BF CR S 126 RVT PC GI 054 FV CR 732 FV CR	2C4991 2C4991020 2C4991030 2C4991040	4	STD 0.50 0.75 1.00
	4 CYL	2.0 L	1998			Mondeo	84.86	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C4992 2C4992020 2C4992030 2C4992040	4	STD 0.50 0.75 1.00
QXWA, QXWB, QXWC, TXDA, TXDB, UKWA	4 CYL	2.0 L	1997		2006-15	C MAX, Cuga, Escape, S-Max Diesel Eng	85.00	2.50 2.00 2.00	273 FKST BF CC DI 126 RVT PC GI 248 CF CR 881 2PCO	2D7549 2D754925 2D754950	4	STD 0.25 0.50
KNBA, KNBB, KNWA KNWB (Duratorq TDCI)	4 CYL	2.2 L	2179		2007-On	Mondeo, Galaxy Diesel Eng	85.00	2.50 2.00 2.00	273 FKST BF CC DI 126 RVT PC GI 248 CF CR 881 2PCO	2D7549 2D754925 2D754950	4	STD 0.25 0.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-EUROPEAN												
G6DA, G6DB, G6DD	4 CYL	2.0 L	1997		2003-07	Turbo Diesel Duratorq	85.00	3.50 2.00 3.00	213 FKST CC DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2D7176 2D717660	1	STD 0.60
70PS	4 CYL				1962-65	Taunus 17M TS, Corso	85.50	2.00 3.00 5.00	032 BF PC GI 401 SCRP PC GI 860 FV CR 732 FV CR	6772	4	STD
DOHC	4 CYL	2.0 L	1998		1988-On	Scorpio, Sierra	86.00	1.60 1.75 3.00	102 T PC GI 126 RVT PC GI 997 FV CR 732 FV CR	4876	4	STD
									362 BF 3CR GI 126 RVT PC GI 997 FV CR 732 FV CR	2C4876 2C4876020 2C4876040	4	STD 0.50 1.00
ABFA, D3FA, D5BA, D6BA, F3FA, F1FA, FMBA, HJBA, HJBB, HJBC,N7BA DOHC	4 CYL	2.0 L	1998		2000-07	Mondeo III Turbo Diesel	86.00	2.50 2.00 3.00	211 HKST CC DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2D7145	1	STD
ABFA, D3FA, D5BA, D6BA, F3FA, F1FA, FMBA, HJBA, HJBB, HJBC,N7BA DOHC	4 CYL	2.0 L	1998		2000-07	Mondeo III Turbo Diesel	86.00	2.00 2.00 3.00	212 TBF CC DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2D7365	1	STD
ABFA, D3FA, D5BA, D6BA, F3FA, F1FA, FMBA, HJBA, HJBB, HJBC,N7BA DOHC	4 CYL	2.0 L	1998		2000-07	Mondeo III Turbo Diesel	86.00	2.00 2.00 2.00	212 TBF CC DI 210 SCRP TF PC DI 248 CF CR 881 2PCO	2D7451 2D745150	1	STD 0.50
	4 CYL	1.8 L	1796		1984-88	Granada 1800 GL/GHIA, Scorpio 1800 CL/GL/GHIA Sierra 1800 C/CL/L/GL/S	86.20	1.60 2.00 4.00	032 BF PC GI 401 SCRP PC GI 056 FV CR 732 FV CR	4900	4	STD
									363 BF CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C4900 2C4900020	4	STD 0.50
TPBA Ecoboost	4 CYL	2.0 L	1999		2010-15	Mondeo, S-Max	87.50	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C4150	4	STD
TNWA, TNWB, TPBA, TPWA Ecoboost	4 CYL	2.0 L	1999		2010-15	Galaxy, Mondeo, S-Max	87.50	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C5282 2C528250 2C528275 2C5282100	4	STD 0.50 0.75 1.00
									326 TBF GN SS 126 RVT PC GI 993 FV CR 005 FV CR	2N5282 2N528250	4	STD 0.50
E5FA, E5FC,Y5A, Y5B	4 CYL	2.3 L	2295		1996-06	Transit Box, Scorpio, Galaxy	89.60	1.60 1.50 2.50	337 BF PM DI 406 N PC DI 995 FV CR 732 FV CR	2M4085 2M408550	4	STD 0.50
D2FA/B/E, D4FA, DT24H DT24N, DT24P F4FA, FXFA DI DOHC	4 CYL	2.4 L	2402		1996-06	Turbo Diesel	89.90	2.50 2.00 3.00	211 HKST CC DI 229 TTF PC DI 204 CF CR DI 881 2PCO	2D7368 2D736850	1	STD 0.50
DOFA, H9FA, H9FB, JXFA, PHFA, PHFC TCI DOHC	4 CYL	2.4 L	2402		2000-07	Turbo Diesel	89.90	2.00 2.00 2.00	205 BF CR DI 234 SCRP TF PC DI 248 CF CR 881 2PCO	2D7377 2D737750	1	STD 0.50
SCB, SCC, VM	4 CYL	2.5 L	2500		1993-98	Scorpio Turbo Diesel	92.00	2.50 2.00 4.00	225 FKST CR DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
ED, EF	6 CYL	4.0 L	3984		1994-On	Ford Falcon Australian w/3.0mm Oil Grv.	92.25	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4931 2C4931020 2C4931030 2C4931040	6	STD 0.50 0.75 1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-EUROPEAN												
ED, EF	6 CYL	4.0 L	3984		1994-On	Ford Falcon Australian w/1.5mm Top Grv.	92.25	1.50	032 BF PC GI	4937	6	STD
								1.50	126 RVT PC GI	4937020		0.50
								3.00	872 FV CR	4937030		0.75
									005 FV CR	4937040		1.00
										4937060		1.50
									327 BF PM GI	2M4937	6	STD
									126 RVT PC GI	2M4937020		0.50
									872 FV CR	2M4937030		0.75
									005 FV CR	2M4937040		1.00
										2M4937060		1.50
ED, EF	6 CYL	4.0 L	3984		2002-On	Ford Falcon Australian w/2.5mm Oil Grv.	92.25	1.20	398 BF CR S	2C5114	6	STD
								1.50	126 RVT PC GI	2C5114020		0.50
								2.50	995 FV CR	2C5114030		0.75
									732 FV CR	2C5114040		1.00
WL-T Diesel Engine	4 CYL	2.5 L	2499		1999-10	Ranger	93.00	2.50	215 TBF CR DI	2D5308	4	STD
								2.00	257 TF CR DI	2D530850		0.50
								3.00	553 CF CR GI	2D5308100		1.00
									881 2PCO			
TD27	4 CYL	2.7 L	2663		1993-98	Maverick Diesel Eng	96.00	2.50	363 BF CR GI	2D4956	4	STD
								2.00	126 RVT PC GI			
								4.00	553 CF CR GI			
									881 2PCO			
FORD-INDUSTRIAL												
VSG411	4 CYL	1.1 L					68.68	1.50	032 BF PC GI	4856	4	STD
								1.75	126 RVT PC GI	4856020		0.50
								3.00	054 FV CR	4856040		1.00
									732 FV CR			
									363 BF CR GI	2C4856	4	STD
									126 RVT PC GI	2C4856020		0.50
									054 FV CR	2C4856040		1.00
									732 FV CR			
VSG413	4 CYL	1.3 L					73.93	1.50	032 BF PC GI	4858	4	STD
								1.75	401 SCRP PC GI	4858020		0.50
								3.00	054 FV CR	4858030		0.75
									732 FV CR	4858040		1.00
									363 BF CR GI	2C4858	4	STD
									401 SCRP PC GI	2C4858010		0.25
									054 FV CR	2C4858020		0.50
									732 FV CR	2C4858030		0.75
										2C4858040		1.00
VSG411	4 CYL						74.00	1.60	362 BF 3CR GI	2C4471	4	STD
								2.00	401 SCRP PC GI	2C4471020		0.50
								4.00	058 FV CR	2C4471030		0.75
									732 FV CR	2C4471040		1.00
E134, JE	4 CYL	2.2 L	2196	134			87.31	2.38	362 BF 3CR GI	2C7501	4	STD
								2.38	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
104 GF-SAAB V/4	4 CYL	1.7 L	1700				90.00	2.00	032 BF PC GI	4276	4	STD
								3.00	126 RVT PC GI			
								4.00	860 FV CR			
									732 FV CR			
	4 CYL	2.0 L	2000				90.00	2.00	032 BF PC GI	4276	4	STD
								3.00	126 RVT PC GI			
								4.00	860 FV CR			
									732 FV CR			
JF, F223	6 CYL	3.7 L	3654	223			92.08	2.38	032 BF PC GI	563	6	STD
								2.38	126 RVT PC GI	563020		0.50
								4.75	860 FV CR	563030		0.75
									732 FV CR			
J272, JH, JJ	8 CYL	4.5 L	4458	272			92.08	2.38	032 BF PC GI	564	8	STD
								2.38	126 RVT PC GI	564020		0.50
								4.75	860 FV CR	564030		0.75
									732 FV CR			
									362 BF 3CR GI	2C564	8	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
	6 CYL	4.3 L	4294	262			94.46	2.00	362 BF 3CR GI	2C583	6	STD
								2.38	126 RVT PC GI	2C583030		0.75
								4.75	860 FV CR	2C583040		1.00
									732 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-INDUSTRIAL												
K292	8 CYL	4.8 L	4786	292			95.25	2.00	032 BF PC GI	568	8	STD
								2.00	126 RVT PC GI	568010		0.25
								4.75	860 FV CR	568020		0.50
									732 FV CR	568030		0.75
										568040		1.00
										568060		1.50
										568080		2.00
										568100		2.50
									363 BF CR GI	2C568	8	STD
									126 RVT PC GI	2C568010		0.25
									860 FV CR	2C568020		0.50
									732 FV CR	2C568030		0.75
										2C568040		1.00
										2C568060		1.50
									327 BF PM GI	2M568	8	STD
									126 RVT PC GI	2M568010		0.25
									860 FV CR	2M568020		0.50
									732 FV CR	2M568030		0.75
										2M568040		1.00
										2M568060		1.50
										2M568080		2.00
										2M568100		2.50
HD330	8 CYL						98.43	2.00	363 BF CR GI	2C589	8	STD
								2.38	126 RVT PC GI	2C589010		0.25
								6.35	860 FV CR	2C589020		0.50
									732 FV CR	2C589030		0.75
MD330	8 CYL						98.43	2.00	032 BF PC GI	591	8	STD
								2.38	126 RVT PC GI	591010		0.25
								4.75	860 FV CR	591020		0.50
									732 FV CR	591030		0.75
										591040		1.00
										591060		1.50
										591080		2.00
									363 BF CR GI	2C591	8	STD
									126 RVT PC GI	2C591010		0.25
									860 FV CR	2C591020		0.50
									732 FV CR	2C591030		0.75
										2C591040		1.00
										2C591060		1.50
										2C591080		2.00
									327 BF PM GI	2M591	8	STD
									126 RVT PC GI	2M591020		0.50
									860 FV CR	2M591030		0.75
									732 FV CR	2M591040		1.00
										2M591060		1.50
										2M591080		2.00
HD330	8 CYL						98.43	2.00	032 BF PC GI	6607	8	STD
								2.00	126 RVT PC GI	6607020		0.50
								2.00	126 RVT PC GI	6607030		0.75
								4.75	860 FV CR	6607040		1.00
									732 FV CR	6607060		1.50
									363 BF CR GI	2C6607	8	STD
									126 RVT PC GI	2C6607020		0.50
									126 RVT PC GI	2C6607030		0.75
									860 FV CR	2C6607040		1.00
									732 FV CR	2C6607060		1.50
D172	4 CYL	2.8 L	2819	172		3 Grv Piston	99.06	2.38	363 BF CR GI	2C7673	4	STD
								2.38	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
DD172	4 CYL	2.8 L	2819	172		5 Grv Piston	99.06	2.38	363 BF CR GI	2C7999	4	STD
								2.38	126 RVT PC GI			
								2.38	126 RVT PC GI			
								4.75	501 1PCO PC GI			
									825 2PCO			
								4.75	501 1PCO PC GI			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-INDUSTRIAL												
C5PF	6 CYL	3.9 L	3934	240			101.60	2.00	032 BF PC GI	592	6	STD
								2.00	126 RVT PC GI	592010		0.25
								4.75	860 FV CR	592020		0.50
									732 FV CR	592030		0.75
										592040		1.00
										592060		1.50
										592080		2.00
									362 BF 3CR GI	2C592	6	STD
									126 RVT PC GI	2C592010		0.25
									860 FV CR	2C592020		0.50
									732 FV CR	2C592030		0.75
										2C592040		1.00
										2C592060		1.50
										2C592080		2.00
									397 BF PM S	2M592	6	STD
									126 RVT PC GI	2M592020		0.50
									860 FV CR	2M592030		0.75
									732 FV CR	2M592040		1.00
										2M592060		1.50
										2M592065		1.63
										2M592080		2.00
LD300, C5PG	6 CYL	4.9 L	4917	300			101.60	2.00	032 BF PC GI	592	6	STD
								2.00	126 RVT PC GI	592010		0.25
								4.75	860 FV CR	592020		0.50
									732 FV CR	592030		0.75
										592040		1.00
										592060		1.50
										592080		2.00
									362 BF 3CR GI	2C592	6	STD
									126 RVT PC GI	2C592010		0.25
									860 FV CR	2C592020		0.50
									732 FV CR	2C592030		0.75
										2C592040		1.00
										2C592060		1.50
										2C592080		2.00
									397 BF PM S	2M592	6	STD
									126 RVT PC GI	2M592020		0.50
									860 FV CR	2M592030		0.75
									732 FV CR	2M592040		1.00
										2M592060		1.50
										2M592065		1.63
										2M592080		2.00
	8 CYL	5.9 L	5917	361			102.87	2.00	032 BF PC GI	6601	8	STD
								2.00	126 RVT PC GI	6601020		0.50
								2.00	126 RVT PC GI	6601030		0.75
								4.75	860 FV CR	6601040		1.00
									732 FV CR	6601060		1.50
									345 T PM GI	2M6601	8	STD
									126 RVT PC GI	2M6601020		0.50
									126 RVT PC GI	2M6601030		0.75
									860 FV CR	2M6601040		1.00
									732 FV CR	2M6601060		1.50
	8 CYL	6.4 L	6408	391			102.87	2.00	032 BF PC GI	6601	8	STD
								2.00	126 RVT PC GI	6601020		0.50
								2.00	126 RVT PC GI	6601030		0.75
								4.75	860 FV CR	6601040		1.00
									732 FV CR	6601060		1.50
									345 T PM GI	2M6601	8	STD
									126 RVT PC GI	2M6601020		0.50
									126 RVT PC GI	2M6601030		0.75
									860 FV CR	2M6601040		1.00
									732 FV CR	2M6601060		1.50
	8 CYL	5.9 L	5917	361			102.87	2.00	362 BF 3CR GI	2C590	8	STD
								2.38	126 RVT PC GI	2C590020		0.50
								6.35	860 FV CR	2C590030		0.75
									732 FV CR			
									345 T PM GI	2M590	8	STD
									126 RVT PC GI	2M590020		0.50
									860 FV CR	2M590030		0.75
									732 FV CR			
	8 CYL	6.4 L	6408	391			102.87	2.00	362 BF 3CR GI	2C590	8	STD
								2.38	126 RVT PC GI	2C590020		0.50
								6.35	860 FV CR	2C590030		0.75
									732 FV CR			
									345 T PM GI	2M590	8	STD
									126 RVT PC GI	2M590020		0.50
									860 FV CR	2M590030		0.75
									732 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-INDUSTRIAL												
158DF	3 CYL	2.6 L	2590	158			106.68	2.38	362 BF 3CR GI	2C7181	3	STD
								2.38	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
158DF	3 CYL	2.6 L	2590	158		Diesel Eng	106.68	2.38	362 BF 3CR GI	2C7182	1	STD
								2.38	362 BF 3CR GI			
								2.38	126 RVT PC GI			
								4.75	565 CF CR GI			
									881 2PCO			
175DF	3 CYL	2.9 L	2868	175		Diesel Eng	106.68	2.38	362 BF 3CR GI	2C7182	1	STD
								2.38	362 BF 3CR GI			
								2.38	126 RVT PC GI			
								4.75	565 CF CR GI			
									881 2PCO			
254DF	4 CYL	4.2 L	4163	254		Dorset Diesel Eng	107.16	2.38	362 BF 3CR GI	2D7246	2	STD
								2.38	362 BF 3CR GI	2D7246020		0.50
								2.38	126 RVT PC GI			
								4.75	553 CF CR GI			
									881 2PCO			
380DF	6 CYL	6.2 L	6228	380		Diesel Eng	107.16	2.38	362 BF 3CR GI	2D7246	2	STD
								2.38	362 BF 3CR GI	2D7246020		0.50
								2.38	126 RVT PC GI			
								4.75	553 CF CR GI			
									881 2PCO			
201GF	3 CYL	3.3 L	3294	201			111.76	2.38	362 BF 3CR GI	2C7183	3	STD
								2.38	126 RVT PC GI			
								4.75	565 CF CR GI			
									881 2PCO			
201DF	3 CYL	3.3 L	3294	201		Turbo Diesel	111.76	2.38	362 BF 3CR GI	2C7180	3	STD
								2.38	362 BF 3CR GI			
								2.38	126 RVT PC GI			
								4.75	565 CF CR GI			
									881 2PCO			
256DF	4 CYL	4.2 L	4196	256		Diesel Eng	111.76	2.38	362 BF 3CR GI	2C7210	4	STD
								2.38	362 BF 3CR GI			
								2.38	126 RVT PC GI			
								4.75	565 CF CR GI			
									881 2PCO			
401DF, 401DFT	6 CYL	6.6 L	6572	401		Turbo Diesel	111.76	2.38	362 BF 3CR GI	2C7180	3	STD
								2.38	362 BF 3CR GI			
								2.38	126 RVT PC GI			
								4.75	565 CF CR GI			
									881 2PCO			
M477	8 CYL	7.8 L	7818	477			114.30	2.38	032 BF PC GI	578	8	STD
								2.38	126 RVT PC GI			
								2.38	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
									363 BF CR GI	2C578	8	STD
									126 RVT PC GI	2C578020		0.50
									126 RVT PC GI	2C578030		0.75
									860 FV CR	2C578040		1.00
									732 FV CR	2C578060		1.50
										2C578080		2.00
N534	8 CYL	8.8 L	8752	534			114.30	2.38	032 BF PC GI	578	8	STD
								2.38	126 RVT PC GI			
								2.38	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
									363 BF CR GI	2C578	8	STD
									126 RVT PC GI	2C578020		0.50
									126 RVT PC GI	2C578030		0.75
									860 FV CR	2C578040		1.00
									732 FV CR	2C578060		1.50
										2C578080		2.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-TRACTORS												
	4 CYL					Allied Sleeve Kit #WSA261 M & W Sleeve Kit SP28, 30, 31, 32-5, 33-5, 34-5, 35-5 Repl. Piston 30 H.P. Permite Sleeve Kit CSA261 White Machine Sleeve Kit #G190CH, G216CH 2N, 8N, 9N Ford 4 Ring Piston w/5/32 oil Grv	80.96	2.38 2.38 4.00 4.00	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C523	4	STD
Sleeved Eng.	4 CYL					2N, 8N, 9N Piston #8N6110 S/N 42162-on	80.96	2.38 2.38 4.75	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C535	4	STD
Sleeved Eng.	4 CYL					2N, 8N, 9N Also ava. in .083 4 Ring Piston	80.96	2.38 2.38 4.75 4.75	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C549 2C549100	4	STD 2.50
Sleeved Eng.	4 CYL					2N, 8N, 9N To S/N 42162	80.96	2.38 2.38 4.00	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C825	4	STD
Sleeved Eng.	4 CYL					2N, 2NAN, 8N, 8NAN, 9N, 9NAN For Sealed Power Piston #1630K, 1650K	80.96	2.38 2.38 4.00 4.00	362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR 501 1PCO PC GI	2C7505	4	STD
Sleeved Eng.	4 CYL	2.2 L	2196	134		NAA, 501, 541, 600, 601, 700, 701, 2000, NAB, 600K Series EAE, EBD	87.31	2.38 2.38 4.75	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7501	4	STD
	4 CYL					600, 700 NAA Gas INCREASE BORE SLV KIT	88.90	2.38 2.38 4.75	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6189	4	STD
	4 CYL	2.4 L	2360	144		501, 601, 701, 2000, 3000 Diesel Eng	90.49	2.38 2.38 2.38 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 501 1PCO PC GI 825 2PCO	2C7106 2C7106040	4	STD 1.00
	6 CYL	3.8 L	3819	233		6000 Gas Eng.	92.08	2.38 2.38 4.75	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7945	6	STD
	6 CYL	4.0 L	3966	242		6000 Diesel Eng	92.08	2.38 2.38 2.38 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 501 1PCO PC GI 825 2PCO	2C7153	6	STD
	4 CYL					800, 801, 900, 901, 1801, 4000 Series EAF, Gas Eng.	99.06	2.38 2.38 4.75	363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7673	4	STD
	4 CYL	2.8 L	2819	172		801, 841, 901, 1801, 4000D Diesel Eng	99.06	2.38 2.38 2.38 4.75 4.75	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 501 1PCO PC GI 825 2PCO 501 1PCO PC GI	2C7999	4	STD
	4 CYL					800, 900, 1800, 4000	101.60	2.00 2.38 4.75	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5689	4	STD
Sleeved Eng.	4 CYL					Gas 800, 801, 900, 901, 1801, 4000 Series EAF, EBE M & W Sleeve Kit INCREASE BORE SLV KIT	101.60	2.38 2.38 2.38 4.75	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7175	4	STD
G Eng.	3 CYL	2.6 L	2590	158		2000, 3000 Gas Eng.	106.68	2.38 2.38 4.75	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7181	3	STD
D Eng.	3 CYL	2.6 L	2590	158		2000 Diesel Eng	106.68	2.38 2.38 2.38 4.75	362 BF 3CR GI 362 BF 3CR GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7182	1	STD

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-TRACTORS												
D Eng.	3 CYL	2.9 L	2868	175		3000 Diesel Eng	106.68	2.38 2.38 2.38 4.75	362 BF 3CR GI 362 BF 3CR GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7182	1	STD
D Eng.	4 CYL	3.8 L	3819	233		5000 Diesel Eng	106.68	2.38 2.38 2.38 4.75	362 BF 3CR GI 362 BF 3CR GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7182	1	STD
	4 CYL					5000 Super Major Diesel	111.76	2.38 2.38 2.38 4.75	362 BF 3CR GI 362 BF 3CR GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7210	4	STD
D Eng.	3 CYL	3.1 L	3147	192		4000 Gas Eng.	111.76	2.38 2.38 4.75	362 BF 3CR GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7183	3	STD
D Eng.	3 CYL 6 CYL	3.3 L	3294	201		4000 8000 Diesel Eng	111.76	2.38 2.38 2.38 4.75	362 BF 3CR GI 362 BF 3CR GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7180	3	STD
D Eng.	3 CYL	3.3 L	3294	201		Gas Eng.	111.76	2.38 2.38 4.75	362 BF 3CR GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7183	3	STD
	4 CYL	4.2 L	4196	256		7000 Series 4 ring Zolner#3225 Piston Diesel Eng	111.76	3.18 2.38 2.38 4.75	372 FKST CR DI 126 RVT PC GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C4728	4	STD
DT Eng.	6 CYL	6.6 L	6572	401		F4000 3 Ring Mahle Piston #1495	111.76	3.18 2.38 4.75	372 FKST CR DI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7021	2	STD
401DT	6 CYL	6.6 L				8000, 9000 Series Zollner Piston #3225 Turbocharged 4 ring Piston	111.76	3.18 2.38 2.38 4.75	372 FKST CR DI 126 RVT PC GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7012	6	STD
DT Eng.	8 CYL	7.8 L	7785	475		F4000 3 Ring Mahle Piston #1495	111.76	3.18 2.38 4.75	372 FKST CR DI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7021	2	STD
FORD-TRUCKS												
	4 CYL	1.6 L	1586	97		Courier Australia	78.00	1.50 2.00 4.00	362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C4412 2C4412010 2C4412020 2C4412030 2C4412040 2C4412060	4	STD 0.25 0.50 0.75 1.00 1.50
	4 CYL	1.6 L	1600	97	1972-78	Courier	78.00	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	4265 4265010 4265020 4265030 4265040 4265060	4	STD 0.25 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C4265 2C4265010 2C4265020 2C4265030 2C4265040 2C4265060	4	STD 0.25 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 058 FV CR 732 FV CR	2M4265 2M4265010 2M4265020 2M4265030 2M4265040 2M4265060	4	STD 0.25 0.50 0.75 1.00 1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-TRUCKS												
	4 CYL	1.8 L	1800	110	1972-78	Courier	78.00	1.50	032 BF PC GI	4265	4	STD
								1.50	126 RVT PC GI	4265010		0.25
								4.00	058 FV CR	4265020		0.50
									732 FV CR	4265030		0.75
										4265040		1.00
										4265060		1.50
									362 BF 3CR GI	2C4265	4	STD
									126 RVT PC GI	2C4265010		0.25
									058 FV CR	2C4265020		0.50
									732 FV CR	2C4265030		0.75
										2C4265040		1.00
										2C4265060		1.50
									327 BF PM GI	2M4265	4	STD
									126 RVT PC GI	2M4265010		0.25
									058 FV CR	2M4265020		0.50
									732 FV CR	2M4265030		0.75
										2M4265040		1.00
										2M4265060		1.50
	4 CYL	2.0 L	1970	121	1979-82	Courier	80.00	1.20	398 BF CR S	2C6141	4	STD
								1.50	126 RVT PC GI	2C6141010		0.25
								4.00	056 FV CR	2C6141020		0.50
									732 FV CR	2C6141030		0.75
										2C6141040		1.00
										2C6141060		1.50
	4 CYL	2.0 L	1970	121	1982-84		80.00	1.50	032 BF PC GI	6155	4	STD
								2.00	126 RVT PC GI	6155010		0.25
								4.00	058 FV CR	6155020		0.50
									732 FV CR	6155030		0.75
										6155040		1.00
									362 BF 3CR GI	2C6155	4	STD
									126 RVT PC GI	2C6155010		0.25
									058 FV CR	2C6155020		0.50
									732 FV CR	2C6155030		0.75
										2C6155040		1.00
										2C6155060		1.50
30 H.P.	4 CYL	2.0 L	1950	119	1941-45	4 Ring Piston	80.96	2.38	362 BF 3CR GI	2C523	4	STD
								2.38	126 RVT PC GI			
								4.00	860 FV CR			
									732 FV CR			
								4.00	501 1PCO PC GI			
30 H.P.	4 CYL	2.0 L	1950	119	1941-45	3 Ring Piston	80.96	2.38	362 BF 3CR GI	2C825	4	STD
								2.38	126 RVT PC GI			
								4.00	860 FV CR			
									732 FV CR			
95, 100 H.P.	8 CYL	3.9 L	3917	239	1939-49	Flat Head	80.96	2.38	032 BF PC GI	529	8	STD
						4 Ring Piston		2.38	126 RVT PC GI	529125		3.13
								4.00	860 FV CR			
									732 FV CR			
								4.00	501 1PCO PC GI			
95, 100 H.P.	8 CYL	3.9 L	3917	239	1949-53	Flat Head	80.96	2.38	032 BF PC GI	533	8	STD
						4 Ring Piston		2.38	126 RVT PC GI	533030		0.75
								4.75	860 FV CR	533040		1.00
									732 FV CR	533060		1.50
								4.75	501 1PCO PC GI	533080		2.00
										533125		3.13
										533188		4.78
									362 BF 3CR GI	2C533	8	STD
									126 RVT PC GI	2C533060		1.50
									860 FV CR	2C533100		2.50
									732 FV CR			
									501 1PCO PC GI			
	4 CYL	1.6 L	1600	97.6	2000-On	Courier	82.04	1.20	398 BF CR S	2C5144	4	STD
						Made in Brazil		1.50	126 RVT PC GI	2C5144020		0.50
								2.00	993 FV CR	2C5144030		0.75
									005 FV CR	2C5144040		1.00
										2C5144060		1.50
Vin: P	6 CYL	2.7 L		164	2019-20	F-150	83.00	1.20	317S BF GN SS	SN4173	6	STD
						OEM: JT4Z 6148-C		1.00	416S TF SCRP	SN417350		0.50
								2.00	990N FV GN			
									714 FV GN			
Vin: P	6 CYL	2.7 L		164	2018	F-150	83.00	1.20	317S BF GN SS	SN4172	6	STD
						OEM: FT4Z-6148-A		1.20	406S TFN	SN417250		0.50
								2.00	990N FV GN			
									714 FV GN			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-TRUCKS												
Mazda Eng.	4 CYL	2.3 L	2261	138	2004-12	Ranger	87.50	1.20	398 BF CR S	2C5158	4	STD
								1.20	126 RVT PC GI	2C5158010		0.25
								2.50	995 FV CR	2C5158020		0.50
									732 FV CR	2C5158030		0.75
										2C5158040		1.00
									326 TBF GN SS	2N5158	4	STD
									126 RVT PC GI	2N515850		0.50
									987 FV GN SS			
									714 GN SS			
	8 CYL	3.6 L	3622	221	1962-63	F-Series	88.90	2.00	032 BF PC GI	652	8	STD
								2.00	126 RVT PC GI	652030		0.75
								4.75	860 FV CR	652040		1.00
									732 FV CR	652060		1.50
									363 BF CR GI	2C652	8	STD
									126 RVT PC GI	2C652010		0.25
									860 FV CR	2C652020		0.50
									732 FV CR	2C652030		0.75
										2C652040		1.00
									327 BF PM GI	2M652	8	STD
									126 RVT PC GI	2M652030		0.75
									860 FV CR	2M652040		1.00
									732 FV CR			
	8 CYL	3.9 L	3917	239	1954-55	Flat Head	88.90	2.38	032 BF PC GI	562	8	STD
						3 Ring Piston		2.38	126 RVT PC GI	562020		0.50
								4.75	860 FV CR	562040		1.00
									732 FV CR			
									362 BF 3CR GI	2C562	8	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
112 H.P.	6 CYL	4.2 L	4163	254	1949-52	8MB	88.90	2.38	362 BF 3CR GI	2C534	6	STD
						3 Ring Piston		2.38	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
	8 CYL	5.5 L	5523	337	1948-52	Flat Head	88.90	2.38	032 BF PC GI	562	8	STD
						3 Ring Piston		2.38	126 RVT PC GI	562020		0.50
								4.75	860 FV CR	562040		1.00
									732 FV CR			
									362 BF 3CR GI	2C562	8	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
Vin: S,U,V,1,2	6 CYL	3.0 L	2999	183	2001-08	Duratec 24V	89.00	1.20	398 BF CR S	2C5077	6	STD
DOHC						w/2.5mm oil ring		1.50	126 RVT PC GI	2C5077010		0.25
								2.50	872 FV CR	2C5077020		0.50
									005 FV CR	2C5077030		0.75
										2C5077040		1.00
	6 CYL	3.0 L	2999	183	1998-01	Ranger	89.00	1.50	032 BF PC GI	5107	6	STD
						w/3.00mm oil ring		1.50	126 RVT PC GI	5107010		0.25
								3.00	872 FV CR	5107020		0.50
									005 FV CR	5107030		0.75
										5107040		1.00
										5107060		1.50
									397 BF PM S	2M5107	6	STD
									126 RVT PC GI	2M5107010		0.25
									872 FV CR	2M5107020		0.50
									005 FV CR	2M5107030		0.75
										2M5107040		1.00
										2M5107060		1.50
Vin:U	6 CYL	3.0 L	2999	183	1986-00		89.00	1.50	032 BF PC GI	5762	6	STD
								1.50	126 RVT PC GI	5762010		0.25
								4.00	052 FV CR	5762020		0.50
									005 FV CR	5762030		0.75
										5762040		1.00
										5762060		1.50
									363 BF CR GI	2C5762	6	STD
									126 RVT PC GI	2C5762010		0.25
									052 FV CR	2C5762020		0.50
									005 FV CR	2C5762030		0.75
										2C5762040		1.00
									327 BF PM GI	2M5762	6	STD
									126 RVT PC GI	2M5762010		0.25
									052 FV CR	2M5762020		0.50
									005 FV CR	2M5762030		0.75
										2M5762040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-TRUCKS												
	4 CYL	2.0 L	2000	122	1983-89	Ranger	89.32	2.00	032 BF PC GI	5690	4	STD
								2.00	126 RVT PC GI	5690020		0.50
								4.75	860 FV CR	5690030		0.75
									732 FV CR	5690040		1.00
										5690060		1.50
									362 BF 3CR GI	2C5690	4	STD
									126 RVT PC GI	2C5690020		0.50
									860 FV CR	2C5690030		0.75
									732 FV CR	2C5690040		1.00
										2C5690060		1.50
									327 BF PM GI	2M5690	4	STD
									126 RVT PC GI	2M5690020		0.50
									860 FV CR	2M5690030		0.75
									732 FV CR	2M5690040		1.00
										2M5690060		1.50
Vin: V,W,X,6	8 CYL	4.6 L	4606	281	1996-15	Ford	90.20	1.50	032 BF PC GI	4628	8	STD
								1.50	126 RVT PC GI	4628010		0.25
								3.00	872 FV CR	4628020		0.50
									732 FV CR	4628030		0.75
										4628040		1.00
										4628060		1.50
									397 BF PM S	2M4628	8	STD
									126 RVT PC GI	2M4628005		0.13
									872 FV CR	2M4628010		0.25
									732 FV CR	2M4628020		0.50
										2M4628030		0.75
										2M4628040		1.00
										2M4628060		1.50
Vin: A,L,R,3,5	8 CYL	5.4 L	5409	330	1996-15	Ford	90.20	1.50	032 BF PC GI	4628	8	STD
								1.50	126 RVT PC GI	4628010		0.25
								3.00	872 FV CR	4628020		0.50
									732 FV CR	4628030		0.75
										4628040		1.00
										4628060		1.50
									397 BF PM S	2M4628	8	STD
									126 RVT PC GI	2M4628005		0.13
									872 FV CR	2M4628010		0.25
									732 FV CR	2M4628020		0.50
										2M4628030		0.75
										2M4628040		1.00
										2M4628060		1.50
Vin. D, S, Y	10 CYL	6.8 L	6802	415	1996-16		90.20	1.50	032 BF PC GI	4814	10	STD
								1.50	126 RVT PC GI	4814010		0.25
								3.00	872 FV CR	4814020		0.50
									732 FV CR	4814030		0.75
										4814040		1.00
									397 BF PM S	2M4814	10	STD
									126 RVT PC GI	2M4814010		0.25
									872 FV CR	2M4814020		0.50
									732 FV CR	2M4814030		0.75
										2M4814040		1.00
										2M4814060		1.50
OHV	6 CYL	3.5 L	3524	215	1952-53	F 100 Flat Head	90.49	2.38	032 BF PC GI	136	6	STD
								2.38	126 RVT PC GI	136020		0.50
								4.75	860 FV CR	136030		0.75
									732 FV CR	136040		1.00
										136080		2.00
									362 BF 3CR GI	2C136	6	STD
									126 RVT PC GI	2C136030		0.75
									860 FV CR	2C136040		1.00
									732 FV CR			
	6 CYL	3.7 L	3655	223	1954-64	F-Series 3 Ring Piston	92.08	2.38	032 BF PC GI	563	6	STD
								2.38	126 RVT PC GI	563020		0.50
								4.75	860 FV CR	563030		0.75
									732 FV CR			
	8 CYL	4.2 L	4196	256	1954-59		92.08	2.38	032 BF PC GI	564	8	STD
								2.38	126 RVT PC GI	564020		0.50
								4.75	860 FV CR	564030		0.75
									732 FV CR			
									362 BF 3CR GI	2C564	8	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-TRUCKS												
	8 CYL	4.5 L	4458	272	1954-59		92.08	2.38	032 BF PC GI	564	8	STD
								2.38	126 RVT PC GI	564020		0.50
								4.75	860 FV CR	564030		0.75
									732 FV CR			
									362 BF 3CR GI	2C564	8	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
Vin: F,U	8 CYL	5.0 L	4951	302	2011-17	F150	92.20	1.20	397 BF PM S	2M4599	8	STD
								1.20	126 RVT PC GI	2M4599020		0.50
								2.50	995 FV CR	2M4599030		0.75
									732 FV CR			
Vin: 4, G	6 CYL	3.5 L		213	2017-20	F-150	92.50	1.50	317 BF GN SS	SN4176	6	STD
						OEM: HL3Z 6148-B		1.00	348 TF RVT CR DI			
								2.00	991N FV GN			
									714 FV GN			
BT-50 WL-C Mazda Eng.	4 CYL	2.5 L	2499		2006-11	TDI Diesel (Check Ring Widths)	93.00	2.00	326 TBF GN SS	2D7277	4	STD
								1.50	236 TF CR DI			
								2.00	203 CF GN SS			
									881 2PCO			
Vin: S	6 CYL	2.8 L	2803	171	1983-86	Aerostar, Ranger	93.00	2.00	032 BF PC GI	4205	6	STD
								2.50	126 RVT PC GI	4205020		0.50
								4.00	860 FV CR	4205030		0.75
									732 FV CR	4205040		1.00
										4205060		1.50
									362 BF 3CR GI	2C4205	6	STD
									126 RVT PC GI	2C4205020		0.50
									860 FV CR	2C4205030		0.75
									732 FV CR	2C4205040		1.00
										2C4205060		1.50
	6 CYL	2.9 L	2901	177	1986-95		93.00	1.60	032 BF PC GI	4450	6	STD
								1.75	126 RVT PC GI	4450020		0.50
								3.50	058 FV CR	4450030		0.75
									732 FV CR	4450040		1.00
										4450060		1.50
									363 BF CR GI	2C4450	6	STD
									126 RVT PC GI	2C4450020		0.50
									058 FV CR	2C4450030		0.75
									732 FV CR	2C4450040		1.00
										2C4450060		1.50
									327 BF PM GI	2M4450	6	STD
									126 RVT PC GI	2M4450020		0.50
									058 FV CR	2M4450030		0.75
									732 FV CR	2M4450040		1.00
										2M4450060		1.50
	6 CYL	3.3 L	3278	200	1963-84	F 200	93.47	2.00	032 BF PC GI	586	6	STD
								2.00	126 RVT PC GI	586010		0.25
								4.75	860 FV CR	586020		0.50
									732 FV CR	586030		0.75
										586040		1.00
										586060		1.50
										586080		2.00
									362 BF 3CR GI	2C586	6	STD
									126 RVT PC GI	2C586010		0.25
									860 FV CR	2C586020		0.50
									732 FV CR	2C586030		0.75
										2C586040		1.00
										2C586060		1.50
										2C586080		2.00
									327 BF PM GI	2M586	6	STD
									126 RVT PC GI	2M586020		0.50
									860 FV CR	2M586030		0.75
									732 FV CR	2M586040		1.00
										2M586060		1.50
										2M586080		2.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-TRUCKS												
	6 CYL	4.1 L	4098	250	1969-77	F Series F250 Ranger	93.47	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	586 586010 586020 586030 586040 586060 586080	6	STD 0.25 0.50 0.75 1.00 1.50 2.00
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C586 2C586010 2C586020 2C586030 2C586040 2C586060 2C586080	6	STD 0.25 0.50 0.75 1.00 1.50 2.00
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M586 2M586020 2M586030 2M586040 2M586060 2M586080	6	STD 0.50 0.75 1.00 1.50 2.00
	6 CYL	4.1 L	4098	250	1969-77	F 250 Ranger	93.47	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	586 586010 586020 586030 586040 586060 586080	6	STD 0.25 0.50 0.75 1.00 1.50 2.00
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C586 2C586010 2C586020 2C586030 2C586040 2C586060 2C586080	6	STD 0.25 0.50 0.75 1.00 1.50 2.00
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M586 2M586020 2M586030 2M586040 2M586060 2M586080	6	STD 0.50 0.75 1.00 1.50 2.00
V8	8 CYL	4.2 L	4179	255	1981-82	F Series Ranger	93.47	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5618 5618020 5618030 5618040 5618060	8	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5618 2C5618020 2C5618030 2C5618040 2C5618060	8	STD 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M5618 2M5618020 2M5618030 2M5618040 2M5618060	8	STD 0.50 0.75 1.00 1.50
	6 CYL	4.3 L	4294	262	1961-64	Ford I6	94.46	2.00 2.38 4.75	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C583 2C583030 2C583040 2C583060	6	STD 0.75 1.00 1.50
VT 365 International Eng.	8 CYL	6.0 L	5950	363	2003-10	Power Stroke Diesel incl. Turbo Special 2nd Ring gap .055 to .065	95.00	2.30 2.00 3.50	378 FKST BF CC DI 129 T PC 553 CF CR GI 881 2PCO	2D5374 2D537425 2D537450 2D537475 2D5374100	8	STD 0.25 0.50 0.75 1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-TRUCKS												
	8 CYL	4.8 L	4786	292	1958-64	Medium & Heavy Duty	95.25	2.00	032 BF PC GI	568	8	STD
								2.00	126 RVT PC GI	568010		0.25
								4.75	860 FV CR	568020		0.50
									732 FV CR	568030		0.75
										568040		1.00
										568060		1.50
										568080		2.00
										568100		2.50
									363 BF CR GI	2C568	8	STD
									126 RVT PC GI	2C568010		0.25
									860 FV CR	2C568020		0.50
									732 FV CR	2C568030		0.75
										2C568040		1.00
										2C568060		1.50
									327 BF PM GI	2M568	8	STD
									126 RVT PC GI	2M568010		0.25
									860 FV CR	2M568020		0.50
									732 FV CR	2M568030		0.75
										2M568040		1.00
										2M568060		1.50
										2M568080		2.00
										2M568100		2.50
Duratec 37 DOHC	6 CYL	3.7 L	3721	227	2009-15	Edge, F150	95.50	1.20	397 BF PM S	2M4183	6	STD
								1.50	406 N PC DI	2M4183020		0.50
								2.50	934 FV CR	2M4183030		0.75
									005 FV CR	2M4183040		1.00
	4 CYL	2.3 L	2300	140	1977-84		96.00	2.00	032 BF PC GI	4203	4	STD
								2.00	126 RVT PC GI	4203020		0.50
								4.75	860 FV CR	4203030		0.75
									732 FV CR	4203040		1.00
										4203060		1.50
									362 BF 3CR GI	2C4203	4	STD
									126 RVT PC GI	2C4203010		0.25
									860 FV CR	2C4203020		0.50
									732 FV CR	2C4203030		0.75
										2C4203040		1.00
										2C4203060		1.50
									327 BF PM GI	2M4203	4	STD
									126 RVT PC GI	2M4203010		0.25
									860 FV CR	2M4203020		0.50
									732 FV CR	2M4203030		0.75
										2M4203040		1.00
										2M4203060		1.50
Vin: A	4 CYL	2.3 L	2300	140	1995-97	Ranger	96.00	1.50	032 BF PC GI	4912	4	STD
								1.50	126 RVT PC GI	4912020		0.50
								3.00	054 FV CR	4912030		0.75
									732 FV CR	4912040		1.00
										4912060		1.50
									362 BF 3CR GI	2C4912	4	STD
									126 RVT PC GI	2C4912020		0.50
									054 FV CR	2C4912030		0.75
									732 FV CR	2C4912040		1.00
										2C4912060		1.50
									327 BF PM GI	2M4912	4	STD
									126 RVT PC GI	2M4912020		0.50
									054 FV CR	2M4912030		0.75
									732 FV CR	2M4912040		1.00
										2M4912060		1.50
Vin: A	4 CYL	2.3 L	2300	140	1985-94	Ranger	96.00	1.50	032 BF PC GI	5761	4	STD
								1.50	126 RVT PC GI	5761020		0.50
								4.00	870 FV CR	5761030		0.75
									732 FV CR	5761040		1.00
										5761060		1.50
									362 BF 3CR GI	2C5761	4	STD
									126 RVT PC GI	2C5761020		0.50
									870 FV CR	2C5761030		0.75
									732 FV CR	2C5761040		1.00
										2C5761060		1.50
									327 BF PM GI	2M5761	4	STD
									126 RVT PC GI	2M5761020		0.50
									870 FV CR	2M5761030		0.75
									732 FV CR	2M5761040		1.00
										2M5761060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-TRUCKS												
L4	4 CYL	2.5 L	2475	151	1998-01	Ranger	96.00	1.50	032 BF PC GI	4515	4	STD
Vin: C								1.50	126 RVT PC GI	4515020		0.50
								3.00	872 FV CR	4515030		0.75
									732 FV CR	4515040		1.00
										4515060		1.50
									327 BF PM GI	2M4515	4	STD
									126 RVT PC GI	2M4515020		0.50
									872 FV CR	2M4515030		0.75
									732 FV CR	2M4515040		1.00
										2M4515060		1.50
	8 CYL	5.2 L	5196	317	1952-57	Sterling Piston H791P	96.52	2.00	032 BF PC GI	696	8	STD
								2.00	126 RVT PC GI	696010		0.25
								4.75	860 FV CR	696020		0.50
									732 FV CR	696030		0.75
										696040		1.00
										696060		1.50
									362 BF 3CR GI	2C696	8	STD
									126 RVT PC GI	2C696010		0.25
									860 FV CR	2C696020		0.50
									732 FV CR	2C696030		0.75
										2C696040		1.00
										2C696060		1.50
									327 BF PM GI	2M696	8	STD
									126 RVT PC GI	2M696020		0.50
									860 FV CR	2M696030		0.75
									732 FV CR	2M696040		1.00
										2M696060		1.50
	8 CYL	5.4 L	5441	332	1952-57	Sterling Piston H791P	96.52	2.00	032 BF PC GI	696	8	STD
								2.00	126 RVT PC GI	696010		0.25
								4.75	860 FV CR	696020		0.50
									732 FV CR	696030		0.75
										696040		1.00
										696060		1.50
									362 BF 3CR GI	2C696	8	STD
									126 RVT PC GI	2C696010		0.25
									860 FV CR	2C696020		0.50
									732 FV CR	2C696030		0.75
										2C696040		1.00
										2C696060		1.50
									327 BF PM GI	2M696	8	STD
									126 RVT PC GI	2M696020		0.50
									860 FV CR	2M696030		0.75
									732 FV CR	2M696040		1.00
										2M696060		1.50
	8 CYL	4.3 L	4261	260	1962-65	Ranger	96.52	2.00	032 BF PC GI	571	8	STD
								2.38	126 RVT PC GI	571030		0.75
								4.75	860 FV CR	571040		1.00
									732 FV CR	571060		1.50
									362 BF 3CR GI	2C571	8	STD
									126 RVT PC GI	2C571030		0.75
									860 FV CR	2C571040		1.00
									732 FV CR	2C571060		1.50
									327 BF PM GI	2M571	8	STD
									126 RVT PC GI	2M571030		0.75
									860 FV CR	2M571040		1.00
									732 FV CR	2M571060		1.50
	6 CYL	3.8 L	3802	232	1988-95	F-Series	96.80	1.50	032 BF PC GI	4262	6	STD
								1.50	126 RVT PC GI	4262020		0.50
								4.00	052 FV CR	4262030		0.75
									005 FV CR	4262040		1.00
										4262060		1.50
									327 BF PM GI	2M4262	6	STD
									126 RVT PC GI	2M4262020		0.50
									052 FV CR	2M4262030		0.75
									005 FV CR	2M4262040		1.00
										2M4262060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-TRUCKS												
	6 CYL	3.8 L	3802	232	1981-87	F-Seires	96.80	2.00	032 BF PC GI	5649	6	STD
								2.00	126 RVT PC GI	5649020		0.50
								4.00	860 FV CR	5649030		0.75
									732 FV CR	5649040		1.00
										5649060		1.50
									363 BF CR GI	2C5649	6	STD
									126 RVT PC GI	2C5649020		0.50
									860 FV CR	2C5649030		0.75
									732 FV CR	2C5649040		1.00
										2C5649060		1.50
									327 BF PM GI	2M5649	6	STD
									126 RVT PC GI	2M5649020		0.50
									860 FV CR	2M5649030		0.75
									732 FV CR	2M5649040		1.00
										2M5649060		1.50
Vin: 4	6 CYL	3.8 L	3802	232	1996-03	Windstar	96.80	1.50	032 BF PC GI	4885	6	STD
								1.50	126 RVT PC GI	4885010		0.25
								3.00	872 FV CR	4885020		0.50
									732 FV CR	4885030		0.75
										4885040		1.00
										4885060		1.50
									335 T PM DI	2M4885	6	STD
									126 RVT PC GI	2M4885010		0.25
									872 FV CR	2M4885020		0.50
									732 FV CR	2M4885030		0.75
										2M4885040		1.00
										2M4885060		1.50
									322 BF GN SS	2N4885	6	STD
									126 RVT PC GI	2N488575		0.75
									987 FV GN SS	2N4885100		1.00
									714 GN SS			
Vin: 6	6 CYL	3.9 L	3901	238	2005-07		96.80	1.50	032 BF PC GI	4885	6	STD
								1.50	126 RVT PC GI	4885010		0.25
								3.00	872 FV CR	4885020		0.50
									732 FV CR	4885030		0.75
										4885040		1.00
										4885060		1.50
									335 T PM DI	2M4885	6	STD
									126 RVT PC GI	2M4885010		0.25
									872 FV CR	2M4885020		0.50
									732 FV CR	2M4885030		0.75
										2M4885040		1.00
										2M4885060		1.50
									322 BF GN SS	2N4885	6	STD
									126 RVT PC GI	2N488575		0.75
									987 FV GN SS	2N4885100		1.00
									714 GN SS			
Vin: 2, 4 OHV	6 CYL	4.2 L	4196	256	1997-08	Windstar	96.80	1.50	032 BF PC GI	4885	6	STD
								1.50	126 RVT PC GI	4885010		0.25
								3.00	872 FV CR	4885020		0.50
									732 FV CR	4885030		0.75
										4885040		1.00
										4885060		1.50
									335 T PM DI	2M4885	6	STD
									126 RVT PC GI	2M4885010		0.25
									872 FV CR	2M4885020		0.50
									732 FV CR	2M4885030		0.75
										2M4885040		1.00
										2M4885060		1.50
									322 BF GN SS	2N4885	6	STD
									126 RVT PC GI	2N488575		0.75
									987 FV GN SS	2N4885100		1.00
									714 GN SS			
Maxxforce 7	8 CYL	6.4 L		398	2011-On	Turbo diesel	98.20	2.50	208 FKST CC DI	2D5287	8	STD
								2.00	129 T PC	2D528725		0.25
								2.50	203 CF GN SS	2D528750		0.50
									881 2PCO	2D528775		0.75
										2D5287100		1.00
Vin: R	8 CYL	6.4 L	6408	391	2008-11	32V Turbo V8 Power Stroke Diesel Eng	98.20	2.50	208 FKST CC DI	2D5741	8	STD
								2.00	129 T PC	2D574125		0.25
								3.00	553 CF CR GI	2D574150		0.50
									881 2PCO	2D574175		0.75

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-TRUCKS												
	8 CYL	5.4 L	5409	330	1964-84	Medium Duty 3 Ring Piston	98.43	2.00 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	591 591010 591020 591030 591040 591060 591080	8	STD 0.25 0.50 0.75 1.00 1.50 2.00
									363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C591 2C591010 2C591020 2C591030 2C591040 2C591060 2C591080	8	STD 0.25 0.50 0.75 1.00 1.50 2.00
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M591 2M591020 2M591030 2M591040 2M591060 2M591080	8	STD 0.50 0.75 1.00 1.50 2.00
	8 CYL	5.4 L	5409	330	1967-69	Heavy Duty 4 Ring Piston	98.43	2.00 2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6607 6607020 6607030 6607040 6607060	8	STD 0.50 0.75 1.00 1.50
									363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6607 2C6607020 2C6607030 2C6607040 2C6607060	8	STD 0.50 0.75 1.00 1.50
	8 CYL	5.4 L	5409	330	1970-84	Heavy Duty 4 Ring Piston	98.43	2.38 2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6685 6685010 6685020 6685030 6685040 6685060	8	STD 0.25 0.50 0.75 1.00 1.50
									363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6685	8	STD
Vin:T OHV	8 CYL	6.7 L	6654	406	2011-17	32V Power Stroke Turbo direct injection	99.00	3.00 2.00 2.50	208 FKST CC DI 409 TFN CI 203 CF GN SS 881 2PCO	2D5853 2D585325 2D585350 2D585375 2D5853100	8	STD 0.25 0.50 0.75 1.00
	8 CYL	5.5 L	5491	335	1968-84	Produced in Mexico	99.06	2.00 2.00 2.00 4.75	363 BF CR GI 352 RVT 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5647 2C5647020 2C5647030 2C5647040	8	STD 0.50 0.75 1.00
EBJ	8 CYL	5.6 L	5589	341	1955		100.01	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	636 636030	8	STD 0.75
Vin: E,X SOHC, OHV	6 CYL	4.0 L	3999	244	1990-01		100.40	1.60 1.75 3.50	032 BF PC GI 126 RVT PC GI 874 FV CR 732 FV CR	4627 4627020 4627030 4627040 4627060	6	STD 0.50 0.75 1.00 1.50
									335 T PM DI 126 RVT PC GI 874 FV CR 732 FV CR	2M4627 2M4627010 2M4627020 2M4627030 2M4627040 2M4627060	6	STD 0.25 0.50 0.75 1.00 1.50
Vin: E,K SOHC	6 CYL	4.0 L	4016	245	2002-11		100.40	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 054 FV CR 732 FV CR	2C5187 2C5187010 2C5187020 2C5187030 2C5187040	6	STD 0.25 0.50 0.75 1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-TRUCKS												
OHV	6 CYL	3.9 L	3934	240	1965-77	Econoline E100, E200	101.60	2.00	032 BF PC GI	592	6	STD
								2.00	126 RVT PC GI	592010		0.25
								4.75	860 FV CR	592020		0.50
									732 FV CR	592030		0.75
										592040		1.00
										592060		1.50
										592080		2.00
									362 BF 3CR GI	2C592	6	STD
									126 RVT PC GI	2C592010		0.25
									860 FV CR	2C592020		0.50
									732 FV CR	2C592030		0.75
										2C592040		1.00
										2C592060		1.50
										2C592080		2.00
									397 BF PM S	2M592	6	STD
									126 RVT PC GI	2M592020		0.50
									860 FV CR	2M592030		0.75
									732 FV CR	2M592040		1.00
										2M592060		1.50
										2M592065		1.63
										2M592080		2.00
	8 CYL	4.7 L	4737	289	1963-68	Ford	101.60	2.00	032 BF PC GI	139	8	STD
								2.00	126 RVT PC GI	139010		0.25
								4.75	860 FV CR	139020		0.50
									732 FV CR	139030		0.75
										139040		1.00
										139060		1.50
										139070		1.75
										139080		2.00
										139100		2.50
									362 BF 3CR GI	2C139	8	STD
									126 RVT PC GI	2C139010		0.25
									860 FV CR	2C139020		0.50
									732 FV CR	2C139030		0.75
										2C139040		1.00
										2C139060		1.50
										2C139070		1.75
										2C139080		2.00
									397 BF PM S	2M139	8	STD
									126 RVT PC GI	2M139005		0.13
									860 FV CR	2M139010		0.25
									732 FV CR	2M139020		0.50
										2M139030		0.75
										2M139040		1.00
										2M139060		1.50
										2M139070		1.75
										2M139080		2.00
										2M139100		2.50
	6 CYL	4.9 L	4917	300	1965-94	F Series I6	101.60	2.00	032 BF PC GI	592	6	STD
								2.00	126 RVT PC GI	592010		0.25
								4.75	860 FV CR	592020		0.50
									732 FV CR	592030		0.75
										592040		1.00
										592060		1.50
										592080		2.00
									362 BF 3CR GI	2C592	6	STD
									126 RVT PC GI	2C592010		0.25
									860 FV CR	2C592020		0.50
									732 FV CR	2C592030		0.75
										2C592040		1.00
										2C592060		1.50
										2C592080		2.00
									397 BF PM S	2M592	6	STD
									126 RVT PC GI	2M592020		0.50
									860 FV CR	2M592030		0.75
									732 FV CR	2M592040		1.00
										2M592060		1.50
										2M592065		1.63
										2M592080		2.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-TRUCKS												
	8 CYL	5.0 L	4950	302	1969-86	Ford	101.60	2.00	032 BF PC GI	139	8	STD
								2.00	126 RVT PC GI	139010		0.25
								4.75	860 FV CR	139020		0.50
									732 FV CR	139030		0.75
										139040		1.00
										139060		1.50
										139070		1.75
										139080		2.00
										139100		2.50
									362 BF 3CR GI	2C139	8	STD
									126 RVT PC GI	2C139010		0.25
									860 FV CR	2C139020		0.50
									732 FV CR	2C139030		0.75
										2C139040		1.00
										2C139060		1.50
										2C139070		1.75
										2C139080		2.00
									397 BF PM S	2M139	8	STD
									126 RVT PC GI	2M139005		0.13
									860 FV CR	2M139010		0.25
									732 FV CR	2M139020		0.50
										2M139030		0.75
										2M139040		1.00
										2M139060		1.50
										2M139070		1.75
										2M139080		2.00
										2M139100		2.50
VIN.# C, M, W	8 CYL	5.8 L	5753	351	1972-95	Ford	101.60	2.00	032 BF PC GI	139	8	STD
								2.00	126 RVT PC GI	139010		0.25
								4.75	860 FV CR	139020		0.50
									732 FV CR	139030		0.75
										139040		1.00
										139060		1.50
										139070		1.75
										139080		2.00
										139100		2.50
									362 BF 3CR GI	2C139	8	STD
									126 RVT PC GI	2C139010		0.25
									860 FV CR	2C139020		0.50
									732 FV CR	2C139030		0.75
										2C139040		1.00
										2C139060		1.50
										2C139070		1.75
										2C139080		2.00
									397 BF PM S	2M139	8	STD
									126 RVT PC GI	2M139005		0.13
									860 FV CR	2M139010		0.25
									732 FV CR	2M139020		0.50
										2M139030		0.75
										2M139040		1.00
										2M139060		1.50
										2M139070		1.75
										2M139080		2.00
										2M139100		2.50
FE	8 CYL	5.8 L	5769	352	1965-67	F-100, F-250	101.60	2.00	032 BF PC GI	577	8	STD
								2.38	126 RVT PC GI	577020		0.50
								4.75	860 FV CR	577030		0.75
									732 FV CR	577040		1.00
										577060		1.50
									362 BF 3CR GI	2C577	8	STD
									126 RVT PC GI	2C577020		0.50
									860 FV CR	2C577030		0.75
									732 FV CR	2C577040		1.00
										2C577060		1.50
									397 BF PM S	2M577	8	STD
									126 RVT PC GI	2M577020		0.50
									860 FV CR	2M577030		0.75
									732 FV CR	2M577040		1.00
										2M577060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-TRUCKS												
	8 CYL	6.6 L	6556	400	1972-86	Ford	101.60	2.00	032 BF PC GI	139	8	STD
								2.00	126 RVT PC GI	139010		0.25
								4.75	860 FV CR	139020		0.50
									732 FV CR	139030		0.75
										139040		1.00
										139060		1.50
										139070		1.75
										139080		2.00
										139100		2.50
									362 BF 3CR GI	2C139	8	STD
									126 RVT PC GI	2C139010		0.25
									860 FV CR	2C139020		0.50
									732 FV CR	2C139030		0.75
										2C139040		1.00
										2C139060		1.50
										2C139070		1.75
										2C139080		2.00
									397 BF PM S	2M139	8	STD
									126 RVT PC GI	2M139005		0.13
									860 FV CR	2M139010		0.25
									732 FV CR	2M139020		0.50
										2M139030		0.75
										2M139040		1.00
										2M139060		1.50
										2M139070		1.75
										2M139080		2.00
										2M139100		2.50
Vin. Y	6 CYL	4.9 L	4917	300	1995-97		101.60	2.00	032 BF PC GI	4879	6	STD
								2.00	126 RVT PC GI	4879020		0.50
								4.00	872 FV CR	4879030		0.75
									732 FV CR	4879040		1.00
										4879060		1.50
									397 BF PM S	2M4879	6	STD
									126 RVT PC GI	2M4879020		0.50
									872 FV CR	2M4879030		0.75
									732 FV CR	2M4879040		1.00
										2M4879060		1.50
	8 CYL	5.0 L	4950	302	1986-95	Exc. "Lightning"	101.60	1.50	032 BF PC GI	4346	8	STD
								1.50	126 RVT PC GI	4346020		0.50
								4.00	635 FV CR	4346030		0.75
									732 FV CR	4346040		1.00
										4346060		1.50
									327 BF PM GI	2M4346	8	STD
									126 RVT PC GI	2M4346010		0.25
									635 FV CR	2M4346020		0.50
									732 FV CR	2M4346030		0.75
										2M4346040		1.00
										2M4346060		1.50
Vin: N	8 CYL	5.0 L	4950	302	1996-01	"Lightning" Shallow Top Grv.	101.60	1.50	032 BF PC GI	4726	8	STD
								1.50	126 RVT PC GI	4726020		0.50
								4.00	635 FV CR	4726030		0.75
									732 FV CR	4726040		1.00
										4726060		1.50
									397 BF PM S	2M4726	8	STD
									126 RVT PC GI	2M4726005		0.13
									635 FV CR	2M4726010		0.25
									732 FV CR	2M4726020		0.50
										2M4726030		0.75
										2M4726040		1.00
										2M4726060		1.50
Vin: W	8 CYL	5.8 L	5753	351	1995-98	Exc. "Lightning"	101.60	1.50	032 BF PC GI	4346	8	STD
								1.50	126 RVT PC GI	4346020		0.50
								4.00	635 FV CR	4346030		0.75
									732 FV CR	4346040		1.00
										4346060		1.50
									327 BF PM GI	2M4346	8	STD
									126 RVT PC GI	2M4346010		0.25
									635 FV CR	2M4346020		0.50
									732 FV CR	2M4346030		0.75
										2M4346040		1.00
										2M4346060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-TRUCKS												
Vin: H,N,R,	8 CYL	5.8 L	5753	351	1993-97	"Lightning"	101.60	1.50	032 BF PC GI	4726	8	STD
						Shallow Top Grv.		1.50	126 RVT PC GI	4726020		0.50
								4.00	635 FV CR	4726030		0.75
									732 FV CR	4726040		1.00
										4726060		1.50
									397 BF PM S	2M4726	8	STD
									126 RVT PC GI	2M4726005		0.13
									635 FV CR	2M4726010		0.25
									732 FV CR	2M4726020		0.50
										2M4726030		0.75
										2M4726040		1.00
										2M4726060		1.50
	8 CYL	6.9 L	6884	420	1983-88	Diesel Eng	101.60	2.00	336 T PM DI	2D5693	8	STD
								2.00	126 RVT PC GI	2D569325		0.25
								2.78	553 CF CR GI	2D569350		0.50
									881 2PCO	2D569375		0.75
										2D5693100		1.00
										2D5693150		1.50
	8 CYL	6.9 L	6884	420	1983-88	Diesel Eng	101.60	2.00	336 T PM DI	2D5697	8	STD
						Special .060 to .070		2.00	130 RVT PC GI	2D569725		0.25
						gap 2nd ring		2.78	553 CF CR GI	2D569750		0.50
									881 2PCO	2D569775		0.75
										2D5697100		1.00
										2D5697150		1.50
Vin: 6	8 CYL	6.2 L	6507	397	2011-16	flex fuel	102.00	1.50	336 T PM DI	2M4520	8	STD
SOHC								1.50	406 N PC DI	2M4520020		0.50
								2.50	985 FV CR	2M4520030		0.75
									732 FV CR	2M4520040		1.00
	8 CYL	5.9 L	5884	359	1968-86	Zollner Piston #3253 & 3292	102.87	2.38	032 BF PC GI	5485	8	STD
	8 CYL	5.9 L	5917	361	1968-86	3 Ring Piston		2.00	126 RVT PC GI	5485010		0.25
								4.75	860 FV CR	5485020		0.50
									732 FV CR	5485030		0.75
										5485040		1.00
										5485060		1.50
										5485080		2.00
									363 BF CR GI	2C5485	8	STD
									126 RVT PC GI	2C5485010		0.25
									860 FV CR	2C5485020		0.50
									732 FV CR	2C5485030		0.75
										2C5485040		1.00
										2C5485060		1.50
										2C5485080		2.00
									327 BF PM GI	2M5485	8	STD
									126 RVT PC GI	2M5485010		0.25
									860 FV CR	2M5485020		0.50
									732 FV CR	2M5485030		0.75
										2M5485040		1.00
										2M5485060		1.50
										2M5485080		2.00
	8 CYL	5.9 L	5884	359	1970-76	F-Series	102.87	2.00	032 BF PC GI	6601	8	STD
	8 CYL	5.9 L	5917	361	1967-69	4 Ring Piston		2.00	126 RVT PC GI	6601020		0.50
								2.00	126 RVT PC GI	6601030		0.75
								4.75	860 FV CR	6601040		1.00
									732 FV CR	6601060		1.50
									345 T PM GI	2M6601	8	STD
									126 RVT PC GI	2M6601020		0.50
									126 RVT PC GI	2M6601030		0.75
									860 FV CR	2M6601040		1.00
									732 FV CR	2M6601060		1.50
	8 CYL	5.9 L	5884	359	1970-74	F-Series	102.87	2.38	032 BF PC GI	6686	8	STD
	8 CYL	5.9 L	5917	361	1970-74	4 Ring Piston		2.00	126 RVT PC GI	6686010		0.25
								2.00	126 RVT PC GI	6686020		0.50
								4.75	860 FV CR	6686030		0.75
									732 FV CR	6686040		1.00
										6686060		1.50
									363 BF CR GI	2C6686	8	STD
									126 RVT PC GI	2C6686010		0.25
									126 RVT PC GI	2C6686020		0.50
									860 FV CR	2C6686030		0.75
									732 FV CR	2C6686040		1.00
										2C6686060		1.50
									327 BF PM GI	2M6686	8	STD
									126 RVT PC GI	2M6686010		0.25
									126 RVT PC GI	2M6686020		0.50
									860 FV CR	2M6686030		0.75
									732 FV CR	2M6686040		1.00
										2M6686060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-TRUCKS												
	8 CYL	5.9 L	5900	360	1968-76	Ranger	102.87	2.00	032 BF PC GI	574	8	STD
								2.38	126 RVT PC GI	574020		0.50
								4.75	860 FV CR	574030		0.75
									732 FV CR	574040		1.00
										574060		1.50
									362 BF 3CR GI	2C574	8	STD
									126 RVT PC GI	2C574010		0.25
									860 FV CR	2C574020		0.50
									732 FV CR	2C574030		0.75
									345 T PM GI	2M574	8	STD
									126 RVT PC GI	2M574020		0.50
									860 FV CR	2M574030		0.75
									732 FV CR	2M574040		1.00
										2M574060		1.50
	8 CYL	6.1 L	6064	370	1979-95	Zollner Piston #3253 & 3292 3 Ring Piston	102.87	2.38	032 BF PC GI	5485	8	STD
								2.00	126 RVT PC GI	5485010		0.25
								4.75	860 FV CR	5485020		0.50
									732 FV CR	5485030		0.75
										5485040		1.00
										5485060		1.50
										5485080		2.00
									363 BF CR GI	2C5485	8	STD
									126 RVT PC GI	2C5485010		0.25
									860 FV CR	2C5485020		0.50
									732 FV CR	2C5485030		0.75
										2C5485040		1.00
										2C5485060		1.50
										2C5485080		2.00
									327 BF PM GI	2M5485	8	STD
									126 RVT PC GI	2M5485010		0.25
									860 FV CR	2M5485020		0.50
									732 FV CR	2M5485030		0.75
										2M5485040		1.00
										2M5485060		1.50
										2M5485080		2.00
	8 CYL	6.4 L	6376	389	1968-86	Zollner Piston #3253 & 3292 3 Ring Piston	102.87	2.38	032 BF PC GI	5485	8	STD
								2.00	126 RVT PC GI	5485010		0.25
								4.75	860 FV CR	5485020		0.50
									732 FV CR	5485030		0.75
										5485040		1.00
										5485060		1.50
										5485080		2.00
									363 BF CR GI	2C5485	8	STD
									126 RVT PC GI	2C5485010		0.25
									860 FV CR	2C5485020		0.50
									732 FV CR	2C5485030		0.75
										2C5485040		1.00
										2C5485060		1.50
										2C5485080		2.00
									327 BF PM GI	2M5485	8	STD
									126 RVT PC GI	2M5485010		0.25
									860 FV CR	2M5485020		0.50
									732 FV CR	2M5485030		0.75
										2M5485040		1.00
										2M5485060		1.50
										2M5485080		2.00
	8 CYL	6.4 L	6376	389	1967-69	F-Series	102.87	2.00	032 BF PC GI	6601	8	STD
	8 CYL	6.4 L	6408	391	1967-69	4 Ring Piston		2.00	126 RVT PC GI	6601020		0.50
								2.00	126 RVT PC GI	6601030		0.75
								4.75	860 FV CR	6601040		1.00
									732 FV CR	6601060		1.50
									345 T PM GI	2M6601	8	STD
									126 RVT PC GI	2M6601020		0.50
									126 RVT PC GI	2M6601030		0.75
									860 FV CR	2M6601040		1.00
									732 FV CR	2M6601060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-TRUCKS												
	8 CYL	6.4 L	6392	390	1967	F 250	102.87	2.00	032 BF PC GI	594	8	STD
								2.00	126 RVT PC GI	594020		0.50
								4.75	860 FV CR	594030		0.75
									732 FV CR	594040		1.00
										594060		1.50
									362 BF 3CR GI	2C594	8	STD
									126 RVT PC GI	2C594020		0.50
									860 FV CR	2C594030		0.75
									732 FV CR			
									327 BF PM GI	2M594	8	STD
									126 RVT PC GI	2M594020		0.50
									860 FV CR	2M594030		0.75
									732 FV CR	2M594060		1.50
	8 CYL	6.4 L	6392	390	1968-76		102.87	2.00	032 BF PC GI	574	8	STD
								2.38	126 RVT PC GI	574020		0.50
								4.75	860 FV CR	574030		0.75
									732 FV CR	574040		1.00
										574060		1.50
									362 BF 3CR GI	2C574	8	STD
									126 RVT PC GI	2C574010		0.25
									860 FV CR	2C574020		0.50
									732 FV CR	2C574030		0.75
									345 T PM GI	2M574	8	STD
									126 RVT PC GI	2M574020		0.50
									860 FV CR	2M574030		0.75
									732 FV CR	2M574040		1.00
										2M574060		1.50
	8 CYL	6.4 L	6408	391	1970-74	F-Series 4 Ring Piston	102.87	2.38	032 BF PC GI	6686	8	STD
								2.00	126 RVT PC GI	6686010		0.25
								2.00	126 RVT PC GI	6686020		0.50
								4.75	860 FV CR	6686030		0.75
									732 FV CR	6686040		1.00
										6686060		1.50
									363 BF CR GI	2C6686	8	STD
									126 RVT PC GI	2C6686010		0.25
									126 RVT PC GI	2C6686020		0.50
									860 FV CR	2C6686030		0.75
									732 FV CR	2C6686040		1.00
										2C6686060		1.50
									327 BF PM GI	2M6686	8	STD
									126 RVT PC GI	2M6686010		0.25
									126 RVT PC GI	2M6686020		0.50
									860 FV CR	2M6686030		0.75
									732 FV CR	2M6686040		1.00
										2M6686060		1.50
	8 CYL	5.9 L	5917	361	1964-67	F-Series	102.87	2.00	362 BF 3CR GI	2C590	8	STD
								2.38	126 RVT PC GI	2C590020		0.50
								6.35	860 FV CR	2C590030		0.75
									732 FV CR			
									345 T PM GI	2M590	8	STD
									126 RVT PC GI	2M590020		0.50
									860 FV CR	2M590030		0.75
									732 FV CR			
	8 CYL	6.4 L	6408	391	1964-67	F-Series	102.87	2.00	362 BF 3CR GI	2C590	8	STD
								2.38	126 RVT PC GI	2C590020		0.50
								6.35	860 FV CR	2C590030		0.75
									732 FV CR			
									345 T PM GI	2M590	8	STD
									126 RVT PC GI	2M590020		0.50
									860 FV CR	2M590030		0.75
									732 FV CR			
	8 CYL	7.3 L	7294	445	1994-04	Diesel Navistar Turbo Direct Injection Spec .062 to .072 gap 2nd ring	104.40	3.00	260 FKST BF CC DI	2D4882	8	STD
								2.00	129 T PC	2D488225		0.25
								3.50	553 CF CR GI	2D488250		0.50
									881 2PCO	2D488275		0.75
										2D4882100		1.00
	8 CYL	7.3 L	7294	445	1989-95	Diesel Navistar Non Turbo Spec .062 to .072 gap 2nd ring	104.40	3.00	336 T PM DI	2M4741	8	STD
								2.00	130 RVT PC GI	2M4741020		0.50
								3.50	553 CF CR GI	2M4741030		0.75
									881 2PCO	2M4741040		1.00
Vin: C,K	8 CYL	7.3 L	7294	445	1993-94	16V Diesel Navistar Indirect Injection Power Stroke Turbo Spec .045 to .065 gap 2nd ring	104.40	3.16	224 FKST PM DI	2M4873	8	STD
								2.52	227 FKST CR DI	2M4873020		0.50
								3.50	553 CF CR GI	2M4873030		0.75
									881 2PCO	2M4873040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-TRUCKS												
	8 CYL	7.0 L	7031	429	1992-98	Shallow Oil Ring Grv.	110.70	2.00	032 BF PC GI	4740	8	STD
								2.00	126 RVT PC GI	4740020		0.50
								4.00	871 FV CR	4740030		0.75
									732 FV CR	4740040		1.00
										4740060		1.50
									363 BF CR GI	2C4740	8	STD
									126 RVT PC GI	2C4740020		0.50
									871 FV CR	2C4740030		0.75
									732 FV CR	2C4740040		1.00
										2C4740060		1.50
									345 T PM GI	2M4740	8	STD
									126 RVT PC GI	2M4740020		0.50
									871 FV CR	2M4740030		0.75
									732 FV CR	2M4740040		1.00
										2M4740060		1.50
	8 CYL	7.5 L	7539	460	1992-97	Shallow Oil Ring Grv.	110.70	2.00	032 BF PC GI	4740	8	STD
								2.00	126 RVT PC GI	4740020		0.50
								4.00	871 FV CR	4740030		0.75
									732 FV CR	4740040		1.00
										4740060		1.50
									363 BF CR GI	2C4740	8	STD
									126 RVT PC GI	2C4740020		0.50
									871 FV CR	2C4740030		0.75
									732 FV CR	2C4740040		1.00
										2C4740060		1.50
									345 T PM GI	2M4740	8	STD
									126 RVT PC GI	2M4740020		0.50
									871 FV CR	2M4740030		0.75
									732 FV CR	2M4740040		1.00
										2M4740060		1.50
	8 CYL	7.0 L	7031	429	1979-94		110.74	2.38	032 BF PC GI	5621	8	STD
								2.00	126 RVT PC GI	5621020		0.50
								4.75	860 FV CR	5621030		0.75
									732 FV CR	5621040		1.00
										5621060		1.50
									363 BF CR GI	2C5621	8	STD
									126 RVT PC GI	2C5621020		0.50
									860 FV CR	2C5621030		0.75
									732 FV CR	2C5621040		1.00
										2C5621060		1.50
									327 BF PM GI	2M5621	8	STD
									126 RVT PC GI	2M5621020		0.50
									860 FV CR	2M5621030		0.75
									732 FV CR	2M5621040		1.00
										2M5621060		1.50
	8 CYL	7.0 L	7031	429	1970-73	Ford	110.74	2.00	032 BF PC GI	598	8	STD
								2.00	126 RVT PC GI	598020		0.50
								4.75	860 FV CR	598030		0.75
									732 FV CR	598040		1.00
										598060		1.50
									363 BF CR GI	2C598	8	STD
									126 RVT PC GI	2C598020		0.50
									860 FV CR	2C598030		0.75
									732 FV CR	2C598040		1.00
										2C598060		1.50
									345 T PM GI	2M598	8	STD
									126 RVT PC GI	2M598020		0.50
									860 FV CR	2M598030		0.75
									732 FV CR	2M598040		1.00
										2M598060		1.50
Vin: G	8 CYL	7.5 L	7539	460	1972-91	Ford	110.74	2.00	032 BF PC GI	598	8	STD
								2.00	126 RVT PC GI	598020		0.50
								4.75	860 FV CR	598030		0.75
									732 FV CR	598040		1.00
										598060		1.50
									363 BF CR GI	2C598	8	STD
									126 RVT PC GI	2C598020		0.50
									860 FV CR	2C598030		0.75
									732 FV CR	2C598040		1.00
										2C598060		1.50
									345 T PM GI	2M598	8	STD
									126 RVT PC GI	2M598020		0.50
									860 FV CR	2M598030		0.75
									732 FV CR	2M598040		1.00
										2M598060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-TRUCKS												
OHV	6 CYL	6.6 L	6572	401	1969-On	7A Series, L-6 3 Ring Mahle Piston #1495 Turbo Diesel	111.76	3.18 2.38 4.75	372 FKST CR DI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7014	6	STD
	6 CYL	7.8 L	7785	475	1991-On	3 Ring Mahle Piston #1495 Turbo Diesel	111.76	3.18 2.38 4.75	372 FKST CR DI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7014	6	STD
	8 CYL	7.8 L	7785	475	1958-81		114.30	2.38 2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	578	8	STD
									363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C578 2C578020 2C578030 2C578040 2C578060 2C578080	8	STD 0.50 0.75 1.00 1.50 2.00
	8 CYL	7.8 L	7818	477	1958-81		114.30	2.38 2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	578	8	STD
									363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C578 2C578020 2C578030 2C578040 2C578060 2C578080	8	STD 0.50 0.75 1.00 1.50 2.00
	8 CYL	8.8 L	8752	534	1958-81		114.30	2.38 2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	578	8	STD
									363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C578 2C578020 2C578030 2C578040 2C578060 2C578080	8	STD 0.50 0.75 1.00 1.50 2.00
	8 CYL	10.4 L		636	1975-92	2 Ring Piston	114.30	3.18 2.78	220 TBF PM DI 553 CF CR GI 881 2PCO	2D7473 2D7473020 2D7473030 2D7473040	1	STD 0.50 0.75 1.00
GENERAL MOTORS-CARS												
B12D	4 CYL	1.2 L	1206	74	2009-On	N200 N300	69.70	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 934 FV CR 005 FV CR	2C4597 2C4597010 2C4597020 2C4597030	4	STD 0.25 0.50 0.75
	4 CYL	1.0 L	1000	61		Corsa 8V Fits Brazilian Mahle Piston	71.08	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	4517	4	STD
									362 BF 3CR GI 126 RVT PC GI 054 FV CR 732 FV CR	2C4517 2C4517020 2C4517040	4	STD 0.50 1.00
VHC	4 CYL	1.0 L	1000	61	2002-On	Corsa 16V, GMB 8V	71.08	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 989 FV CR 732 FV CR	2C5276 2C5276020 2C5276040	4	STD 0.50 1.00
Kia Eng.	3 CYL	0.8 L	803	49	2003-On	QQ	72.00	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5189 2C5189010 2C5189020 2C5189030 2C5189040	3	STD 0.25 0.50 0.75 1.00
LUJ LUV Vin:9 ,B, C	4 CYL	1.4 L	1364	83	2001-17	L4 Turbo	72.50	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 990 FV CR 732 FV CR	2C5252 2C5252020 2C5252030 2C5252040	4	STD 0.50 0.75 1.00
NID 102 H.P mfg: GM Shanghai	4 CYL	1.4 L	1399	85	2012-15	Sail 16V	73.80	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 990 FV CR 732 FV CR	2C4874 2C4874010	4	STD 0.25

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
Vin: 2,6	3 CYL	1.0 L	1000	61	1985-00	Sprint	74.00	1.20	398 BF CR S	2C4208	3	STD
Suzuki Eng.								1.50	435 SCRP PC GI	2C4208010		0.25
Incl. Turbo								2.80	859 FV CR	2C4208020		0.50
									732 FV CR	2C4208030		0.75
										2C4208040		1.00
										2C4208060		1.50
									322 BF GN SS	2N4208	3	STD
									126 RVT PC GI			
									859 FV CR			
									732 FV CR			
Suzuki Eng.	3 CYL	1.0 L	1000	61	1989-95	GEO Metro	74.00	1.20	398 BF CR S	2C4738	3	STD
						2 Ring Piston		2.80	859 FV CR	2C4738020		0.50
									732 FV CR	2C4738030		0.75
										2C4738040		1.00
Vin: 9	4 CYL	1.3 L	1295	79	1990-97	GEO	74.00	1.20	398 BF CR S	2C4258	4	STD
Suzuki Eng.								1.50	435 SCRP PC GI	2C4258010		0.25
								2.80	859 FV CR	2C4258020		0.50
									732 FV CR	2C4258030		0.75
										2C4258040		1.00
										2C4258060		1.50
G13KS	4 CYL	1.3 L	1295	79	1998-01	GEO Metro	74.00	1.20	398 BF CR S	2C4944	4	STD
Suzuki Eng.								1.20	126 RVT PC GI	2C4944010		0.25
								2.50	995 FV CR	2C4944020		0.50
									732 FV CR	2C4944030		0.75
										2C4944040		1.00
G16, G16K,G16KV	4 CYL	1.6 L	1587	97	1989-00	GEO, Tracker	75.00	1.20	398 BF CR S	2C4640	4	STD
Vin: U								1.50	435 SCRP PC GI	2C4640010		0.25
Suzuki Eng.								2.80	859 FV CR	2C4640020		0.50
									732 FV CR	2C4640030		0.75
										2C4640040		1.00
										2C4640060		1.50
G16S, G16KV	4 CYL	1.6 L	1590	97	1997-02	Esteem, GEO	75.00	1.20	398 BF CR S	2C4901	4	STD
Vin: 6								1.20	126 RVT PC GI	2C4901010		0.25
Suzuki Eng.								2.50	995 FV CR	2C4901020		0.50
									732 FV CR	2C4901030		0.75
										2C4901040		1.00
	4 CYL	1.5 L	1500	92	2004-06	Aveo	76.50	1.50	362 BF 3CR GI	2C4175	4	STD
								1.50	126 RVT PC GI	2C4175010		0.25
								2.00	993 FV CR	2C4175020		0.50
									005 FV CR	2C4175030		0.75
Isuzu Eng.	4 CYL	1.5 L	1500	92	1985-89	GEO, Spectrum	77.00	1.50	032 BF PC GI	4241	4	STD
						Incl. Turbo		1.50	861 FV CR	4241020		0.50
						2 Ring Piston		2.80	732 FV CR	4241030		0.75
										4241040		1.00
									335 T PM DI	2M4241	4	STD
									861 FV CR	2M4241020		0.50
									732 FV CR	2M4241030		0.75
										2M4241040		1.00
Isuzu Eng.	4 CYL	1.5 L	1500	92	1987-89	GEO, Spectrum	77.00	1.20	398 BF CR S	2C4646	4	STD
						Incl. Turbo		1.20	126 RVT PC GI	2C4646020		0.50
								2.80	861 FV CR	2C4646030		0.75
									732 FV CR	2C4646040		1.00
LUJ, LUV, VVT	4 CYL	1.4 L	1398	85	2012-16	L4 Ecotec, Onix Brazil	77.58	1.00	398 BF CR S	2C4354	4	STD
						Turbo		1.00	123 RVT PC DI	2C435450		0.50
								2.00	993 FV CR			
									005 FV CR			
DOHC	4 CYL	1.4 L	1399	85		Lova, Twin-Tec	77.90	1.20	398 BF CR S	2C4569	4	STD
								1.50	126 RVT PC GI	2C4569020		0.50
								2.50	995 FV CR			
									732 FV CR			
F14D4	4 CYL	1.4 L	1400	85	2006-11	Aveo, Cruz, Lanos	77.90	1.20	398 BF CR S	2C4115	4	STD
Made In Korea								1.20	126 RVT PC GI			
								2.00	993 FV CR			
									005 FV CR			
DOHC	4 CYL	1.6 L	1598	98		Buick, Excelle	79.00	1.20	398 BF CR S	2C5301	4	STD
Made in China						w/3.0mm oil grv.		1.50	126 RVT PC GI	2C5301010		0.25
								3.00	054 FV CR	2C5301030		0.75
									732 FV CR	2C5301040		1.00
LXV, VCT	4 CYL	1.6 L	1598	98	2009-13	Aveo, G3	79.00	1.20	398 BF CR S	2C4199	4	STD
Vin: E, G								1.20	126 RVT PC GI	2C4199020		0.50
DOHC								2.00	934 FV CR	2C4199030		0.75
									005 FV CR			
L91	4 CYL	1.6 L	1598	98	1988-11	Aveo, Optra LS	79.00	1.20	398 BF CR S	2C4602	4	STD
Vin: 6 SOHC								1.50	126 RVT PC GI	2C4602010		0.25
Pontiac - Korean Eng.								3.00	872 FV CR	2C4602020		0.50
									732 FV CR	2C4602030		0.75
										2C4602040		1.00
										2C4602060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
Opel Eng.	4 CYL	1.6 L	1598	98	1997-On	Coras	79.00	1.20	398 BF CR S	2C4621	4	STD
						w/2.5mm oil grv.		1.50	126 RVT PC GI	2C4621020		0.50
								2.50	995 FV CR	2C4621040		1.00
									732 FV CR			
1ZZ-FE	4 CYL	1.8 L	1794	110	1998-08	Prizm, Pontiac Vibe	79.00	1.20	398 BF CR S	2C4947	4	STD
Vin: 8,L								1.20	126 RVT PC GI	2C4947010		0.25
Toyota Eng.								3.00	996 FV CR	2C4947020		0.50
									732 FV CR	2C4947030		0.75
										2C4947040		1.00
										2C4947060		1.50
4XE1	4 CYL	1.6 L	1588	97	1990-95	GEO Storm	80.00	1.20	398 BF CR S	2C4647	4	STD
DOHC/SOHC								1.20	126 RVT PC GI	2C4647020		0.50
Isuzu Eng.								3.00	054 FV CR	2C4647030		0.75
									732 FV CR	2C4647040		1.00
2ZRFE	4 CYL	1.8 L	1798	110	2009-10	Vibe	80.50	1.00	398 BF CR S	2C4113	4	STD
DOHC Toyota Eng.						1.5 mm Oil Grv.		1.00	123 RVT PC DI	2C4113020		0.50
								1.50	981 FV CR	2C4113030		0.75
									005 FV CR	2C4113040		1.00
X18XE1	4 CYL	1.8 L	1798	110	2002-15	Astra, Corsa, Cruze	80.50	1.20	398 BF CR S	2C5185	4	STD
Vin;H						Fit Brazilian Mahle Piston		1.20	126 RVT PC GI	2C5185010		0.25
DOHC Opel Eng.								2.00	993 FV CR	2C5185S010		0.25
									005 FV CR	2C5185020		0.50
										2C5185030		0.75
										2C5185040		1.00
4AGLEC	4 CYL	1.6 L	1598	98	1989-93	GEO	81.00	1.50	032 BF PC GI	4683	4	STD
VIN 6								1.50	126 RVT PC GI	4683020		0.50
Toyota Eng.								3.00	054 FV CR	4683030		0.75
									732 FV CR	4683040		1.00
									335 T PM DI	2M4683	4	STD
									126 RVT PC GI	2M4683010		0.25
									054 FV CR	2M4683020		0.50
									732 FV CR	2M4683030		0.75
										2M4683040		1.00
									322 BF GN SS	2N4683	4	STD
									126 RVT PC GI	2N468325		0.25
									987 FV GN SS	2N468350		0.50
									714 GN SS	2N468375		0.75
Toyota Eng.	4 CYL	1.6 L	1598	97	1983-89	Nova	81.00	1.50	032 BF PC GI	6180	4	STD
								1.50	126 RVT PC GI	6180010		0.25
								2.80	861 FV CR	6180020		0.50
									732 FV CR	6180030		0.75
										6180040		1.00
										6180060		1.50
									362 BF 3CR GI	2C6180	4	STD
									126 RVT PC GI	2C6180010		0.25
									861 FV CR	2C6180020		0.50
									732 FV CR	2C6180030		0.75
										2C6180040		1.00
									327 BF PM GI	2M6180	4	STD
									126 RVT PC GI	2M6180010		0.25
									861 FV CR	2M6180020		0.50
									732 FV CR	2M6180030		0.75
										2M6180040		1.00
Vin: 5	4 CYL	1.6 L	1598	98	1990-92	GEO	81.00	1.20	398 BF CR S	2C4684	4	STD
								1.50	126 RVT PC GI	2C4684010		0.25
								2.80	861 FV CR	2C4684020		0.50
									732 FV CR	2C4684030		0.75
										2C4684040		1.00
Vin: 6	4 CYL	1.6 L	1598	98	1993-97	GEO	81.00	1.20	398 BF CR S	2C4733	4	STD
								1.50	126 RVT PC GI	2C4733010		0.25
Toyota Eng.								3.00	054 FV CR	2C4733020		0.50
									732 FV CR	2C4733030		0.75
										2C4733040		1.00
									322 BF GN SS	2N4733	4	STD
									126 RVT PC GI	2N473325		0.25
									987 FV GN SS	2N473350		0.50
									714 GN SS	2N473375		0.75
Toyota Eng.	4 CYL	1.8 L	1770	108	1993-97	GEO	81.00	1.20	398 BF CR S	2C4684	4	STD
								1.50	126 RVT PC GI	2C4684010		0.25
								2.80	861 FV CR	2C4684020		0.50
									732 FV CR	2C4684030		0.75
										2C4684040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
Vin: 8	4 CYL	1.8 L	1803	110	1996-97	GEO	81.00	1.20	398 BF CR S	2C4733	4	STD
Toyota Eng.								1.50	126 RVT PC GI	2C4733010		0.25
								3.00	054 FV CR	2C4733020		0.50
									732 FV CR	2C4733030		0.75
										2C4733040		1.00
									322 BF GN SS	2N4733	4	STD
									126 RVT PC GI	2N473325		0.25
									987 FV GN SS	2N473350		0.50
									714 GN SS	2N473375		0.75
DOHC	4 CYL	1.8 L	1798	110		Buick, Excelle	81.60	1.20	398 BF CR S	2C4551	4	STD
Twin-Tec Made in China								1.50	126 RVT PC GI	2C4551020		0.50
								3.00	054 FV CR	2C4551030		0.75
									732 FV CR	2C4551040		1.00
L79	4 CYL	1.8 L	1798	110	2004-05	Optra LS, MPFI	81.60	1.50	363 BF CR GI	2C5245	4	STD
								1.50	401 SCRP PC GI	2C5245020		0.50
								3.00	054 FV CR	2C5245030		0.75
									732 FV CR	2C5245040		1.00
10.82 Model	4 CYL					Chevette (Brazilian)	82.00	1.50	032 BF PC GI	4802	4	STD
Gas & Alch.						Fit Brazilian Mahle Piston		1.75	126 RVT PC GI	4802020		0.50
								4.00	058 FV CR	4802030		0.75
									732 FV CR	4802040		1.00
									327 BF PM GI	2M4802	4	STD
									126 RVT PC GI	2M4802020		0.50
									058 FV CR	2M4802030		0.75
									732 FV CR	2M4802040		1.00
	4 CYL	1.4 L	1400	85	1976-77	Chevette	82.00	2.00	032 BF PC GI	4294	4	STD
								2.00	126 RVT PC GI	4294020		0.50
								4.00	056 FV CR	4294030		0.75
									732 FV CR	4294040		1.00
										4294060		1.50
									362 BF 3CR GI	2C4294	4	STD
									126 RVT PC GI	2C4294010		0.25
									056 FV CR	2C4294020		0.50
									732 FV CR	2C4294030		0.75
										2C4294040		1.00
										2C4294060		1.50
	4 CYL	1.4 L	1400	85	1973-82	Chevette	82.00	2.00	363 BF CR GI	2C4826	4	STD
						Fit Brazilian Mahle Piston		2.00	126 RVT PC GI	2C4826020		0.50
								4.00	056 FV CR	2C4826030		0.75
									732 FV CR	2C4826040		1.00
										2C4826060		1.50
	4 CYL	1.6 L	1598	97	1984-87	Chevrolet, Pontiac	82.00	1.50	032 BF PC GI	4218	4	STD
						Shallow Oil Ring Grv.		1.50	126 RVT PC GI	4218010		0.25
								4.00	872 FV CR	4218020		0.50
									732 FV CR	4218030		0.75
										4218040		1.00
									327 BF PM GI	2M4218	4	STD
									126 RVT PC GI	2M4218020		0.50
									872 FV CR	2M4218030		0.75
									732 FV CR	2M4218040		1.00
	4 CYL	1.6 L	1598	97	1976-83	Chevette	82.00	1.50	032 BF PC GI	4393	4	STD
						3.228		1.50	126 RVT PC GI	4393010		0.25
						Deep Oil ring Grv.		4.00	056 FV CR	4393020		0.50
									732 FV CR	4393030		0.75
										4393040		1.00
										4393060		1.50
									362 BF 3CR GI	2C4393	4	STD
									126 RVT PC GI	2C4393010		0.25
									056 FV CR	2C4393020		0.50
									732 FV CR	2C4393030		0.75
										2C4393040		1.00
										2C4393060		1.50
Gas/Alch.	4 CYL	1.6 L	1598	97	1987-On	Chevette	82.00	1.50	032 BF PC GI	4801	4	STD
						Fits Brazilian Mahle Piston		1.50	126 RVT PC GI			
								3.00	054 FV CR			
									732 FV CR			
									363 BF CR GI	2C4801	4	STD
									126 RVT PC GI	2C4801020		0.50
									054 FV CR	2C4801040		1.00
									732 FV CR			
2ZZ-GE	4 CYL	1.8 L	1796	110	2004-06	Vibe GT	82.00	1.20	398 BF CR S	2C5087	4	STD
Toyota Eng.								1.20	126 RVT PC GI	2C5087020		0.50
								3.00	997 FV CR	2C5087030		0.75
									732 FV CR	2C5087040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
	4 CYL	1.9 L	1900	116	1991-94	Saturn	82.00	1.50	032 BF PC GI	4745	4	STD
								1.50	126 RVT PC GI	4745020		0.50
								3.00	054 FV CR	4745030		0.75
									732 FV CR	4745040		1.00
									327 BF PM GI	2M4745	4	STD
									126 RVT PC GI	2M4745020		0.50
									054 FV CR	2M4745030		0.75
									732 FV CR	2M4745040		1.00
Vin: 7,8	4 CYL	1.9 L	1900	116	1995-98	Saturn	82.00	1.20	398 BF CR S	2C4891	4	STD
								1.50	126 RVT PC GI	2C4891016		0.40
								3.00	054 FV CR	2C4891020		0.50
									732 FV CR	2C4891030		0.75
										2C4891040		1.00
Vin: 7,8	4 CYL	1.9 L	1900	116	1999-02	Saturn SC, SL, SW Series	82.00	1.20	398 BF CR S	2C4984	4	STD
								1.50	126 RVT PC GI	2C4984004		0.10
								2.50	995 FV CR	2C4984016		0.40
									732 FV CR	2C4984020		0.50
										2C4984030		0.75
										2C4984040		1.00
	8 CYL	4.1 L	4064	248	1939-49	All Models, Deluxe Eight 39-29, 27, 28, 29 Pontiac	82.55	2.38	032 BF PC GI	619	8	STD
								2.38	126 RVT PC GI	619020		0.50
								4.75	860 FV CR	619040		1.00
									732 FV CR	619060		1.50
Z 20DM, Z20 DHM, Z20S, Z 20S1	4 CYL	2.0 L	1991		2005-11	Captiva, Cruze, Epica, Nubira	83.00	2.00	227 FKST CR DI	2D7810	4	STD
								2.00	123 RVT PC DI	2D781050		0.50
								3.00	203 CF GN SS			
									881 2PCO			
G180Z, LUV Isuzu Eng.	4 CYL	1.8 L	1820	111	1976-84		84.00	2.00	032 BF PC GI	4247	4	STD
								2.00	126 RVT PC GI	4247020		0.50
								4.00	058 FV CR	4247030		0.75
									732 FV CR	4247040		1.00
										4247060		1.50
									362 BF 3CR GI	2C4247	4	STD
									126 RVT PC GI	2C4247010		0.25
									058 FV CR	2C4247020		0.50
									732 FV CR	2C4247030		0.75
										2C4247040		1.00
										2C4247060		1.50
Made in Brazil	4 CYL	1.8 L	1798	110	1986-91	Monza	84.78	1.50	032 BF PC GI	4635	4	STD
								1.50	126 RVT PC GI	4635010		0.25
								3.00	054 FV CR	4635020		0.50
									732 FV CR	4635030		0.75
										4635040		1.00
									362 BF 3CR GI	2C4635	4	STD
									126 RVT PC GI	2C4635020		0.50
									054 FV CR	2C4635030		0.75
									732 FV CR	2C4635040		1.00
	4 CYL	1.8 L	1798	110	1987-On	Monza, Omega Fit Brazilian Mahle Piston	84.78	1.50	363 BF CR GI	2C4834	4	STD
								1.50	126 RVT PC GI	2C4834020		0.50
								3.00	054 FV CR	2C4834040		1.00
									732 FV CR			
	4 CYL	1.8 L	1798	110	1982-86	Ascona, Kadett GSi, Monza, Omege, Rekord Fit Brazilian Mahle Piston	84.78	1.50	032 BF PC GI	4848	4	STD
								1.75	126 RVT PC GI	4848020		0.50
								4.00	058 FV CR			
									732 FV CR			
									327 BF PM GI	2M4848	4	STD
									126 RVT PC GI	2M4848020		0.50
									058 FV CR	2M4848040		1.00
									732 FV CR			
Vin: O incl. Turbo Made in Brazil	4 CYL	1.8 L	1835	112	1982-86	Oldsmobile, Pontiac	84.80	1.50	032 BF PC GI	6193	4	STD
								1.75	126 RVT PC GI	6193020		0.50
								4.00	056 FV CR	6193030		0.75
									732 FV CR	6193040		1.00
										6193060		1.50
									362 BF 3CR GI	2C6193	4	STD
									126 RVT PC GI	2C6193010		0.25
									056 FV CR	2C6193020		0.50
									732 FV CR	2C6193030		0.75
										2C6193040		1.00
										2C6193060		1.50
									327 BF PM GI	2M6193	4	STD
									126 RVT PC GI	2M6193020		0.50
									056 FV CR	2M6193030		0.75
									732 FV CR	2M6193040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
	6 CYL	2.3 L	2294	140	1960	Chevrolet Corvair	85.73	2.00	032 BF PC GI	662	6	STD
								2.00	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C662	6	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
Vin: K,M	4 CYL	2.0 L	1982	121	1987-95	Chevrolet, Pontiac	86.00	1.50	032 BF PC GI	4601	4	STD
L34, LS DOHC	4 CYL	2.0 L	1999	122	2004-05	Fit Brazilian Mahle Piston		1.50	126 RVT PC GI	4601020		0.50
incl. Turbo								3.00	872 FV CR	4601030		0.75
									732 FV CR	4601040		1.00
										4601060		1.50
									397 BF PM S	2M4601	4	STD
									126 RVT PC GI	2M4601010		0.25
									872 FV CR	2M4601020		0.50
									732 FV CR	2M4601030		0.75
										2M4601040		1.00
										2M4601060		1.50
ATS, CTS	4 CYL	2.0 L	1999	122	2008-14	Cobalt, HHR	86.00	1.20	398 BF CR S	2C4179	4	STD
						w/2.0mm oil grv.		1.50	126 RVT PC GI	2C4179020		0.50
						GAS, FLEX		2.00	993 FV CR	2C4179030		0.75
									005 FV CR			
Vin: B, H	4 CYL	2.2 L	2196	134	2006-15	Malibu, Regal, Soltice, Sky	86.00	1.20	398 BF CR S	2C4179	4	STD
						w/2.0mm oil grv.		1.50	126 RVT PC GI	2C4179020		0.50
						GAS, FLEX		2.00	993 FV CR	2C4179030		0.75
									005 FV CR			
Vin: R	6 CYL	3.0 L	2966	181	1997-00	Cadillac Catera	86.00	1.50	335 T PM DI	2M4896	6	STD
								1.50	126 RVT PC GI	2M4896020		0.50
								3.00	997 FV CR	2M4896030		0.75
									732 FV CR			
Vin: R	6 CYL	3.0 L	3000	183	1999-05	Catera, Saturn	86.00	1.20	398 BF CR S	2C4996	6	STD
						24 Valve		1.50	435 SCRP PC GI	2C4996020		0.50
								3.00	054 FV CR	2C4996030		0.75
									732 FV CR	2C4996040		1.00
Z 20 LER	4 CYL	2.0 L	1998		2007-On	Cadillac BLS 2.0	86.00	1.20	322 BF GN SS	2N4189	4	STD
								1.50	406 N PC DI	2N418925		0.25
								2.50	987 FV GN SS	2N418950		0.50
									714 GN SS			
Z 22 SE	4 CYL	2.2 L	2198		2000-04	Chevrolet Astra, Vectra	86.00	1.20	322 BF GN SS	2N4189	4	STD
								1.50	406 N PC DI	2N418925		0.25
								2.50	987 FV GN SS	2N418950		0.50
									714 GN SS			
DOHC	8 CYL	4.0 L	4000	244	1994-95	Olds Aurora	87.00	1.50	032 BF PC GI	4761	8	STD
								1.50	126 RVT PC GI	4761020		0.50
								3.00	872 FV CR	4761030		0.75
									732 FV CR	4761040		1.00
									335 T PM DI	2M4761	8	STD
									126 RVT PC GI	2M4761010		0.25
									872 FV CR	2M4761020		0.50
									732 FV CR	2M4761030		0.75
										2M4761040		1.00
Vin: C	8 CYL	4.0 L	4000	244	1996-99	Olds Aurora	87.00	1.20	398 BF CR S	2C4895	8	STD
DOHC								1.50	126 RVT PC GI	2C4895010		0.25
								3.00	872 FV CR	2C4895020		0.50
									732 FV CR			
	6 CYL	2.4 L	2376	145	1961-63	Chevrolet Corvair	87.31	2.00	032 BF PC GI	663	6	STD
								2.00	126 RVT PC GI	663030		0.75
								4.75	860 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C663	6	STD
									126 RVT PC GI	2C663030		0.75
									860 FV CR			
									732 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
	6 CYL	2.7 L	2687	164	1964-69	Chevrolet Corvair	87.31	1.60	032 BF PC GI	669	6	STD
								1.60	126 RVT PC GI	669020		0.50
								3.18	860 FV CR	669030		0.75
									732 FV CR	669040		1.00
										669060		1.50
									362 BF 3CR GI	2C669	6	STD
									126 RVT PC GI	2C669020		0.50
									860 FV CR	2C669030		0.75
									732 FV CR	2C669040		1.00
										2C669060		1.50
									327 BF PM GI	2M669	6	STD
									126 RVT PC GI	2M669020		0.50
									860 FV CR	2M669030		0.75
									732 FV CR	2M669040		1.00
										2M669060		1.50
	6 CYL	3.6 L	3638	222	1939-40	Quality Six 39-25,	87.31	2.38	032 BF PC GI	618	6	STD
						Special Six 40-25,		2.38	126 RVT PC GI	618020		0.50
						Deluxe Six 39-26,		4.75	860 FV CR	618040		1.00
						Pontiac 40-26			732 FV CR			
	8 CYL	5.2 L	5245	320	1940-52	Buick 60 Century,	87.31	2.38	032 BF PC GI	429	8	STD
						70 Roadmaster,		2.38	126 RVT PC GI	429060		1.50
						80, 90 Limited		4.75	860 FV CR			
						Canada 46, 47, 48, 49 Series			732 FV CR			
								4.75	501 1PCO PC GI			
146C.I.D SOHC	4 CYL	2.4 L	2393	146	2004-08	16V L4 Astra Export	87.50	1.20	398 BF CR S	2C4174	4	STD
								1.50	126 RVT PC GI	2C4174020		0.50
								2.50	995 FV CR	2C4174030		0.75
									732 FV CR	2C4174040		1.00
Vin: N	6 CYL	3.2 L	3228	197	2003-04	Buick, Cadillac CTS	87.50	1.20	398 BF CR S	2C5131	6	STD
								1.50	126 RVT PC GI	2C5131020		0.50
								2.50	995 FV CR	2C5131030		0.75
									732 FV CR	2C5131040		1.00
Vin: B,P,5 DOHC	4 CYL	2.4 L	2376	145	2006-09	Cobalt, HHR	88.00	1.20	398 BF CR S	2C5228	4	STD
						w/2.5mm oil grv.		1.50	126 RVT PC GI	2C5228020		0.50
								2.50	995 FV CR	2C5228030		0.75
									732 FV CR	2C5228040		1.00
Vin: B, W DOHC	4 CYL	2.4 L	2376	145	2009-15	16V Captive, HHR, Malibu	88.00	1.20	398 BF CR S	2C4564	4	STD
						ECOTEC		1.50	126 RVT PC GI	2C4564010		0.25
						w/2.0mm oil grv		2.00	993 FV CR	2C4564020		0.50
									005 FV CR	2C4564030		0.75
LKW DOHC	4 CYL	2.5 L	2457	150	2014-16	Impala	88.00	1.20	398 BF CR S	2C4564	4	STD
						ECOTEC		1.50	126 RVT PC GI	2C4564010		0.25
						w/2.0mm oil grv		2.00	993 FV CR	2C4564020		0.50
									005 FV CR	2C4564030		0.75
	8 CYL	4.1 L	4130	252	1982-87	Cadillac	88.00	2.00	032 BF PC GI	5654	8	STD
						Shallow Oil Ring Grv.		2.00	126 RVT PC GI	5654005		0.13
								4.00	872 FV CR	5654010		0.25
									732 FV CR	5654020		0.50
										5654030		0.75
										5654040		1.00
										5654060		1.50
									362 BF 3CR GI	2C5654	8	STD
									126 RVT PC GI	2C5654005		0.13
									872 FV CR	2C5654010		0.25
									732 FV CR	2C5654020		0.50
										2C5654030		0.75
										2C5654040		1.00
										2C5654060		1.50
									327 BF PM GI	2M5654	8	STD
									126 RVT PC GI	2M5654005		0.13
									872 FV CR	2M5654010		0.25
									732 FV CR	2M5654020		0.50
										2M5654030		0.75
										2M5654040		1.00
										2M5654060		1.50
	8 CYL	4.1 L	4130	252	1987-89	Cadillac Allante	88.00	1.50	335 T PM DI	2M4447	8	STD
						Shallow Oil Ring Grv.		1.50	126 RVT PC GI	2M4447003		0.08
								3.00	872 FV CR	2M4447010		0.25
									005 FV CR	2M4447020		0.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
	6 CYL	2.8 L	2835	173	1980	Buick, Chev., Pont.	88.90	2.00	032 BF PC GI	582	6	STD
								2.00	126 RVT PC GI	582005		0.13
								4.75	860 FV CR	582030		0.75
									732 FV CR	582040		1.00
										582060		1.50
									362 BF 3CR GI	2C582	6	STD
									126 RVT PC GI	2C582005		0.13
									860 FV CR			
									732 FV CR			
									327 BF PM GI	2M582	6	STD
									126 RVT PC GI	2M582005		0.13
									860 FV CR	2M582030		0.75
									732 FV CR	2M582040		1.00
	6 CYL	3.2 L	3212	196	1978-79	Chevrolet	88.90	2.00	032 BF PC GI	582	6	STD
								2.00	126 RVT PC GI	582005		0.13
								4.75	860 FV CR	582030		0.75
									732 FV CR	582040		1.00
										582060		1.50
									362 BF 3CR GI	2C582	6	STD
									126 RVT PC GI	2C582005		0.13
									860 FV CR			
									732 FV CR			
									327 BF PM GI	2M582	6	STD
									126 RVT PC GI	2M582005		0.13
									860 FV CR	2M582030		0.75
									732 FV CR	2M582040		1.00
	6 CYL	3.3 L	3277	200	1978-79	Chevrolet For 89 mm, use .005	88.90	2.00	032 BF PC GI	582	6	STD
								2.00	126 RVT PC GI	582005		0.13
								4.75	860 FV CR	582030		0.75
									732 FV CR	582040		1.00
										582060		1.50
									362 BF 3CR GI	2C582	6	STD
									126 RVT PC GI	2C582005		0.13
									860 FV CR			
									732 FV CR			
									327 BF PM GI	2M582	6	STD
									126 RVT PC GI	2M582005		0.13
									860 FV CR	2M582030		0.75
									732 FV CR	2M582040		1.00
	8 CYL	3.5 L	3523	215	1961-63	Buick Special	88.90	2.00	032 BF PC GI	652	8	STD
								2.00	126 RVT PC GI	652030		0.75
								4.75	860 FV CR	652040		1.00
									732 FV CR	652060		1.50
									363 BF CR GI	2C652	8	STD
									126 RVT PC GI	2C652010		0.25
									860 FV CR	2C652020		0.50
									732 FV CR	2C652030		0.75
										2C652040		1.00
									327 BF PM GI	2M652	8	STD
									126 RVT PC GI	2M652030		0.75
									860 FV CR	2M652040		1.00
									732 FV CR			
	6 CYL	3.5 L	3540	216	1937-53	Chevrolet	88.90	3.18	032 BF PC GI	133	6	STD
								3.18	126 RVT PC GI	133030		0.75
								4.75	860 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C133	6	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
	6 CYL	3.5 L	3540	216	1937-53	Chevrolet 4 Ring Repl. Piston	88.90	3.18	032 BF PC GI	6337	6	STD
								3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
								4.75	501 1PCO PC GI			
	6 CYL	3.9 L	3900	238	1941-48	All Models 66, 76, 96 Oldsmobile Canada 35, 36	88.90	2.38	032 BF PC GI	611	6	STD
								2.38	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
								4.75	501 1PCO PC GI			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
	8 CYL	4.3 L	4260	260	1975-82	Oldsmobile	88.90	2.00	032 BF PC GI	652	8	STD
								2.00	126 RVT PC GI	652030		0.75
								4.75	860 FV CR	652040		1.00
									732 FV CR	652060		1.50
									363 BF CR GI	2C652	8	STD
									126 RVT PC GI	2C652010		0.25
									860 FV CR	2C652020		0.50
									732 FV CR	2C652030		0.75
										2C652040		1.00
									327 BF PM GI	2M652	8	STD
									126 RVT PC GI	2M652030		0.75
									860 FV CR	2M652040		1.00
									732 FV CR			
	8 CYL	4.4 L	4375	267	1979-82	Buick, Chevolet	88.90	2.00	032 BF PC GI	652	8	STD
								2.00	126 RVT PC GI	652030		0.75
								4.75	860 FV CR	652040		1.00
									732 FV CR	652060		1.50
									363 BF CR GI	2C652	8	STD
									126 RVT PC GI	2C652010		0.25
									860 FV CR	2C652020		0.50
									732 FV CR	2C652030		0.75
										2C652040		1.00
									327 BF PM GI	2M652	8	STD
									126 RVT PC GI	2M652030		0.75
									860 FV CR	2M652040		1.00
									732 FV CR			
	4 CYL	2.0 L	1999	122	1975-77	Chev., Pont., Vega	88.90	2.00	032 BF PC GI	6810	4	STD
								2.00	401 SCRP PC GI	6810030		0.75
								4.75	860 FV CR			
									732 FV CR			
									327 BF PM GI	2M6810	4	STD
									401 SCRP PC GI	2M6810030		0.75
									860 FV CR			
									732 FV CR			
	4 CYL	2.3 L	2294	140	1971-76	Chev., Pont., Vega	88.90	2.00	032 BF PC GI	6810	4	STD
								2.00	401 SCRP PC GI	6810030		0.75
								4.75	860 FV CR			
									732 FV CR			
									327 BF PM GI	2M6810	4	STD
									401 SCRP PC GI	2M6810030		0.75
									860 FV CR			
									732 FV CR			
	4 CYL	1.8 L	1835	112	1981-82	Chevrolet, Pontiac	89.00	1.50	032 BF PC GI	5650	4	STD
						Shallow Oil Ring Grv.		2.00	126 RVT PC GI	5650020		0.50
								4.75	872 FV CR	5650030		0.75
									732 FV CR	5650040		1.00
										5650060		1.50
									397 BF PM S	2M5650	4	STD
									126 RVT PC GI	2M5650020		0.50
									872 FV CR	2M5650030		0.75
									732 FV CR	2M5650040		1.00
										2M5650060		1.50
	4 CYL	1.8 L	1835	112	1982-84	Buick, Chev., Pont.	89.00	1.50	032 BF PC GI	4408	4	STD
								2.00	126 RVT PC GI	4408020		0.50
						Deep Oil Ring Grv.		4.75	860 FV CR	4408030		0.75
									732 FV CR	4408040		1.00
									397 BF PM S	2M4408	4	STD
									126 RVT PC GI	2M4408020		0.50
									860 FV CR	2M4408030		0.75
									732 FV CR	2M4408040		1.00
	4 CYL	2.0 L	2000	122	1982-84	Buick, Chev., Pont	89.00	1.50	032 BF PC GI	4408	4	STD
						Deep Oil Ring Grv.		2.00	126 RVT PC GI	4408020		0.50
								4.75	860 FV CR	4408030		0.75
									732 FV CR	4408040		1.00
									397 BF PM S	2M4408	4	STD
									126 RVT PC GI	2M4408020		0.50
									860 FV CR	2M4408030		0.75
									732 FV CR	2M4408040		1.00
Vin : 1	4 CYL	2.0 L	1999	122	1987-89	Buick, Cad., Chevrolet,	89.00	1.50	397 BF PM S	2M6209	4	STD
						Shallow Oil Ring Grv.		1.50	126 RVT PC GI	2M6209020		0.50
								3.00	872 FV CR	2M6209030		0.75
									005 FV CR	2M6209040		1.00
										2M6209060		1.50
Vin: 1, 4, 5, 6	4 CYL	2.2 L	2196	134	1987-05	Pontiac	89.00	1.50	397 BF PM S	2M6209	4	STD
						Shallow Oil Ring Grv.		1.50	126 RVT PC GI	2M6209020		0.50
								3.00	872 FV CR	2M6209030		0.75
									005 FV CR	2M6209040		1.00
										2M6209060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
LAU	6 CYL	2.8 L	2792	170	2005-11	Cadillac CTS,SRX	89.00	1.20	398 BF CR S	2C4701	6	STD
Vin: 4,6								1.50	126 RVT PC GI	2C4701010		0.25
DOHC								2.50	995 FV CR	2C4701020		0.50
									732 FV CR	2C4701030		0.75
	6 CYL	2.8 L	2827	173	1985-89	Cad., Chevrolet, Pontiac	89.00	1.50	032 BF PC GI	6194	6	STD
						w/ Cast Iron Heads		2.00	126 RVT PC GI	6194020		0.50
						Shallow Oil Ring Grv.		4.75	872 FV CR	6194030		0.75
									732 FV CR	6194040		1.00
										6194060		1.50
									397 BF PM S	2M6194	6	STD
									126 RVT PC GI	2M6194010		0.25
									872 FV CR	2M6194020		0.50
									732 FV CR	2M6194030		0.75
										2M6194040		1.00
										2M6194060		1.50
	6 CYL	2.8 L	2835	173	1981-84	Chevrolet	89.00	1.50	032 BF PC GI	5632	6	STD
								2.00	126 RVT PC GI	5632010		0.25
								4.75	860 FV CR	5632020		0.50
									732 FV CR	5632030		0.75
										5632040		1.00
										5632060		1.50
									363 BF CR GI	2C5632	6	STD
									126 RVT PC GI	2C5632020		0.50
									860 FV CR	2C5632030		0.75
									732 FV CR	2C5632040		1.00
										2C5632060		1.50
									397 BF PM S	2M5632	6	STD
									126 RVT PC GI	2M5632010		0.25
									860 FV CR	2M5632020		0.50
									732 FV CR	2M5632030		0.75
										2M5632040		1.00
										2M5632060		1.50
Vin: W	6 CYL	2.8 L	2835	173	1987-93	Buick, Cad., Chevrolet	89.00	1.50	032 BF PC GI	4456	6	STD
						Shallow Oil Ring Grv.		1.50	126 RVT PC GI	4456010		0.25
								4.00	872 FV CR	4456020		0.50
									732 FV CR	4456030		0.75
										4456040		1.00
										4456060		1.50
									397 BF PM S	2M4456	6	STD
									126 RVT PC GI	2M4456010		0.25
									872 FV CR	2M4456020		0.50
									732 FV CR	2M4456030		0.75
										2M4456040		1.00
										2M4456060		1.50
LFW Vin. 5	6 CYL	3.0 L	2982	182	2010-13	Flex Fuel	89.00	1.00	398 BF CR S	2C5225	6	STD
								1.20	126 RVT PC GI	2C5225010		0.25
								1.50	981 FV CR	2C5225020		0.50
									005 FV CR	2C5225030		0.75
										2C5225040		1.00
Vin: M,K	6 CYL	3.1 L	3097	189	1996-99	Deep Oil Grv.	89.00	1.20	398 BF CR S	2C4888	6	STD
								1.50	126 RVT PC GI	2C4888010		0.25
								3.00	872 FV CR	2C4888020		0.50
									005 FV CR	2C4888030		0.75
										2C4888040		1.00
										2C4888060		1.50
Vin: J	6 CYL	3.1 L	3097	189	1999-05	Shallow Oil Grv.	89.00	1.20	398 BF CR S	2C4979	6	STD
								1.50	126 RVT PC GI	2C4979020		0.50
								3.00	997 FV CR	2C4979030		0.75
									732 FV CR	2C4979040		1.00
									397 BF PM S	2M4979	6	STD
									126 RVT PC GI	2M4979020		0.50
									997 FV CR	2M4979030		0.75
									732 FV CR			
Vin: D, M, T, W	6 CYL	3.1 L	3097	189	1989-95	Buick, Cad., Chevrolet	89.00	1.50	032 BF PC GI	4456	6	STD
						Shallow Oil Ring Grv.		1.50	126 RVT PC GI	4456010		0.25
								4.00	872 FV CR	4456020		0.50
									732 FV CR	4456030		0.75
										4456040		1.00
										4456060		1.50
									397 BF PM S	2M4456	6	STD
									126 RVT PC GI	2M4456010		0.25
									872 FV CR	2M4456020		0.50
									732 FV CR	2M4456030		0.75
										2M4456040		1.00
										2M4456060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
Vin: U	6 CYL	3.5 L	3474	212	2004-07	Saturn Vue	89.00	1.20	398 BF CR S	2C4972	6	STD
SOHC								1.20	126 RVT PC GI	2C4972020		0.50
Honda Eng.								2.80	997 FV CR	2C4972030		0.75
									732 FV CR	2C4972040		1.00
	4 CYL	1.8 L	1835	112	1983-85	Chevrolet	89.00	1.50	032 BF PC GI	6169	4	STD
								1.50	126 RVT PC GI	6169020		0.50
						Shallow Oil Ring Grv.		4.75	872 FV CR	6169030		0.75
									732 FV CR	6169040		1.00
										6169060		1.50
									397 BF PM S	2M6169	4	STD
									126 RVT PC GI	2M6169020		0.50
									872 FV CR	2M6169030		0.75
									732 FV CR	2M6169040		1.00
										2M6169060		1.50
	4 CYL	2.0 L	2000	122	1984-86	Chevrolet	89.00	1.50	032 BF PC GI	6169	4	STD
								1.50	126 RVT PC GI	6169020		0.50
						Shallow Oil Ring Grv.		4.75	872 FV CR	6169030		0.75
									732 FV CR	6169040		1.00
										6169060		1.50
									397 BF PM S	2M6169	4	STD
									126 RVT PC GI	2M6169020		0.50
									872 FV CR	2M6169030		0.75
									732 FV CR	2M6169040		1.00
										2M6169060		1.50
Vin: H	6 CYL	3.5 L	3507	214	1999-03		89.50	1.20	398 BF CR S	2C4963	6	STD
Oldsmobile Eng.								1.50	126 RVT PC GI	2C4963010		0.25
								2.50	995 FV CR	2C4963020		0.50
									005 FV CR	2C4963030		0.75
	4 CYL	1.9 L	1900	120	1975-79	Export	90.00	2.00	032 BF PC GI	4171	4	STD
								2.00	126 RVT PC GI	4171020		0.50
								4.50	860 FV CR			
									732 FV CR			
Vin: T	4 CYL	2.4 L	2393	146	1996-02		90.00	1.20	398 BF CR S	2C4898	4	STD
								1.50	126 RVT PC GI	2C4898010		0.25
								3.00	872 FV CR	2C4898020		0.50
									732 FV CR	2C4898030		0.75
										2C4898040		1.00
									397 BF PM S	2M4898	4	STD
									126 RVT PC GI	2M4898010		0.25
									872 FV CR	2M4898020		0.50
									732 FV CR	2M4898030		0.75
										2M4898040		1.00
	6 CYL	3.2 L	3179	194	1962-67	Chevrolet	90.49	2.00	032 BF PC GI	666	6	STD
								2.00	126 RVT PC GI	666020		0.50
								4.75	860 FV CR	666060		1.50
									732 FV CR			
									362 BF 3CR GI	2C666	6	STD
									126 RVT PC GI	2C666060		1.50
									860 FV CR			
									732 FV CR			
									327 BF PM GI	2M666	6	STD
									126 RVT PC GI	2M666060		1.50
									860 FV CR			
									732 FV CR			
	6 CYL	3.9 L	3851	235	1954-61	Chevrolet	90.49	2.38	032 BF PC GI	6338	6	STD
						4 Ring Piston		2.38	126 RVT PC GI	6338020		0.50
								4.75	860 FV CR	6338030		0.75
									732 FV CR	6338040		1.00
								4.75	501 1PCO PC GI			
	6 CYL	3.9 L	3851	235	1950-62	Chevrolet	90.49	2.38	032 BF PC GI	135	6	STD
								3.18	126 RVT PC GI	135030		0.75
								4.75	860 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C135	6	STD
									126 RVT PC GI	2C135030		0.75
									860 FV CR			
									732 FV CR			
	6 CYL	3.9 L	3851	235	1941-62	Chevrolet	90.49	2.38	032 BF PC GI	136	6	STD
						All Models 24, 25, 26 Pontiac		2.38	126 RVT PC GI	136020		0.50
								4.75	860 FV CR	136030		0.75
									732 FV CR	136040		1.00
										136080		2.00
									362 BF 3CR GI	2C136	6	STD
									126 RVT PC GI	2C136030		0.75
									860 FV CR	2C136040		1.00
									732 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
	6 CYL	3.9 L	3916	239	1953-54	All Models Pontiac	90.49	2.00	032 BF PC GI	666	6	STD
								2.00	126 RVT PC GI	666020		0.50
								4.75	860 FV CR	666060		1.50
									732 FV CR			
									362 BF 3CR GI	2C666	6	STD
									126 RVT PC GI	2C666060		1.50
									860 FV CR			
									732 FV CR			
									327 BF PM GI	2M666	6	STD
									126 RVT PC GI	2M666060		1.50
									860 FV CR			
									732 FV CR			
Vin: A,D,3	4 CYL	2.3 L	2294	140	1987-95	Quad 4, Buick, Olds, Pontiac	92.00	1.50	032 BF PC GI	4468	4	STD
						Shallow Oil Ring Grv.		1.50	126 RVT PC GI	4468010		0.25
								3.00	054 FV CR	4468020		0.50
									005 FV CR	4468030		0.75
										4468040		1.00
									335 T PM DI	2M4468	4	STD
									126 RVT PC GI	2M4468010		0.25
									054 FV CR	2M4468020		0.50
									005 FV CR	2M4468030		0.75
										2M4468040		1.00
										2M4468060		1.50
Vin: X	6 CYL	3.4 L	3392	207	1991-97	Chevrolet	92.00	1.50	032 BF PC GI	4649	6	STD
								1.50	126 RVT PC GI	4649020		0.50
								4.00	870 FV CR	4649030		0.75
									732 FV CR	4649040		1.00
										4649060		1.50
									335 T PM DI	2M4649	6	STD
									126 RVT PC GI	2M4649005		0.13
									870 FV CR	2M4649010		0.25
									732 FV CR	2M4649020		0.50
										2M4649030		0.75
										2M4649040		1.00
Vin: E,F,X	6 CYL	3.4 L	3392	207	1996-08	w/3.00 mm Oil Grv.	92.00	1.20	398 BF CR S	2C4903	6	STD
								1.50	126 RVT PC GI	2C4903020		0.50
								3.00	054 FV CR	2C4903030		0.75
									005 FV CR	2C4903040		1.00
	8 CYL	4.5 L	4474	273	1988-95	Cadillac	92.00	1.50	032 BF PC GI	4284	8	STD
						Shallow Oil Ring Grv.		1.50	126 RVT PC GI	4284010		0.25
								3.00	872 FV CR	4284020		0.50
									005 FV CR	4284040		1.00
									327 BF PM GI	2M4284	8	STD
									126 RVT PC GI	2M4284010		0.25
									872 FV CR	2M4284020		0.50
									005 FV CR			
	8 CYL	4.9 L	4916	300	1988-95	Cadillac	92.00	1.50	032 BF PC GI	4284	8	STD
						Shallow Oil Ring Grv.		1.50	126 RVT PC GI	4284010		0.25
								3.00	872 FV CR	4284020		0.50
									005 FV CR	4284040		1.00
									327 BF PM GI	2M4284	8	STD
									126 RVT PC GI	2M4284010		0.25
									872 FV CR	2M4284020		0.50
									005 FV CR			
Vin: E	6 CYL	3.4 L	3392	207	1996-03	w/4.00 mm Oil Grv.	92.00	1.20	398 BF CR S	2C4893	6	STD
								1.50	126 RVT PC GI	2C4893020		0.50
								4.00	872 FV CR	2C4893030		0.75
									005 FV CR	2C4893040		1.00
										2C4893060		1.50
									397 BF PM S	2M4893	6	STD
									126 RVT PC GI	2M4893020		0.50
									872 FV CR	2M4893030		0.75
									005 FV CR	2M4893040		1.00
	6 CYL	3.2 L	3245	198	1962-63	Buick	92.08	2.00	032 BF PC GI	653	6	STD
								2.00	126 RVT PC GI	653020		0.50
								4.75	860 FV CR	653030		0.75
									732 FV CR	653040		1.00
										653060		1.50
									362 BF 3CR GI	2C653	6	STD
									126 RVT PC GI	2C653020		0.50
									860 FV CR	2C653030		0.75
									732 FV CR	2C653040		1.00
									327 BF PM GI	2M653	6	STD
									126 RVT PC GI	2M653030		0.75
									860 FV CR	2M653040		1.00
									732 FV CR	2M653060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
	8 CYL	4.3 L	4326	264	1954-55	40 Series Buick	92.08	2.00	032 BF PC GI	633	8	STD
								2.00	126 RVT PC GI	633010		0.25
								4.75	860 FV CR	633020		0.50
									732 FV CR	633030		0.75
										633040		1.00
										633060		1.50
									362 BF 3CR GI	2C633	8	STD
									126 RVT PC GI	2C633020		0.50
									860 FV CR	2C633030		0.75
									732 FV CR	2C633040		1.00
									327 BF PM GI	2M633	8	STD
									126 RVT PC GI	2M633030		0.75
									860 FV CR	2M633040		1.00
									732 FV CR	2M633060		1.50
	8 CYL	4.6 L	4605	281	1993-95	Cadillac	93.00	1.50	032 BF PC GI	4790	8	STD
								1.50	126 RVT PC GI	4790010		0.25
								3.00	872 FV CR	4790020		0.50
									732 FV CR	4790030		0.75
										4790040		1.00
									335 T PM DI	2M4790	8	STD
									126 RVT PC GI	2M4790010		0.25
									872 FV CR	2M4790020		0.50
									732 FV CR	2M4790030		0.75
										2M4790040		1.00
Vin: 9,Y	8 CYL	4.6 L	4605	281	1996-99	Cadillac	93.00	1.20	398 BF CR S	2C4894	8	STD
								1.50	126 RVT PC GI	2C4894010		0.25
								3.00	872 FV CR	2C4894020		0.50
									732 FV CR			
Vin: 6,9,A,J,S,Y	8 CYL	4.6 L	4605	281	2000-11	Cadillac	93.00	1.20	398 BF CR S	2C5024	8	STD
								1.50	126 RVT PC GI	2C5024010		0.25
								2.50	995 FV CR	2C5024020		0.50
									732 FV CR	2C5024030		0.75
										2C5024040		1.00
	8 CYL	4.3 L	4293	262	1975-76	Chevrolet	93.24	2.00	032 BF PC GI	5477	8	STD
								2.00	126 RVT PC GI	5477030		0.75
								4.75	860 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C5477	8	STD
									126 RVT PC GI	2C5477030		0.75
									860 FV CR			
									732 FV CR			
									327 BF PM GI	2M5477	8	STD
									126 RVT PC GI	2M5477030		0.75
									860 FV CR			
									732 FV CR			
	6 CYL	3.3 L	3300	204	1989-95	Buick, Chevrolet, Pontiac	94.00	1.50	032 BF PC GI	4478	6	STD
						Shallow Oil Ring Grv.		1.50	126 RVT PC GI	4478020		0.50
								3.00	872 FV CR	4478030		0.75
									005 FV CR	4478040		1.00
									327 BF PM GI	2M4478	6	STD
									126 RVT PC GI	2M4478020		0.50
									872 FV CR	2M4478030		0.75
									005 FV CR	2M4478040		1.00
										2M4478060		1.50
LFX	6 CYL	3.6 L	3556	217	2012-17	Camero LT, Caprice, Traverse	94.00	1.00	398 BF CR S	2C4114	6	STD
Vin: 3						V6		1.20	126 RVT PC GI	2C4114010		0.25
DOHC								1.50	981 FV CR	2C4114020		0.50
									005 FV CR	2C4114030		0.75
	8 CYL	5.3 L	5342	326	1964-67	Pontiac	94.46	2.00	032 BF PC GI	450	8	STD
								2.00	126 RVT PC GI	450030		0.75
								4.75	860 FV CR	450040		1.00
									732 FV CR	450060		1.50
									362 BF 3CR GI	2C450	8	STD
									126 RVT PC GI	2C450030		0.75
									860 FV CR	2C450040		1.00
									732 FV CR	2C450060		1.50
									327 BF PM GI	2M450	8	STD
									126 RVT PC GI	2M450030		0.75
									860 FV CR	2M450040		1.00
									732 FV CR	2M450060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
	8 CYL	5.0 L	4998	305	1976-93	Buick, Chev., Pont.	94.89	2.00	032 BF PC GI	5499	8	STD
						Deep Oil Ring Grv.		2.00	126 RVT PC GI	5499010		0.25
								4.75	860 FV CR	5499020		0.50
									732 FV CR	5499030		0.75
										5499040		1.00
										5499060		1.50
									362 BF 3CR GI	2C5499	8	STD
									126 RVT PC GI	2C5499010		0.25
									860 FV CR	2C5499020		0.50
									732 FV CR	2C5499030		0.75
										2C5499040		1.00
										2C5499060		1.50
									397 BF PM S	2M5499	8	STD
									126 RVT PC GI	2M5499010		0.25
									860 FV CR	2M5499020		0.50
									732 FV CR	2M5499030		0.75
										2M5499040		1.00
										2M5499060		1.50
Vin: W	8 CYL	4.3 L	4343	265	1994-96	Chevrolet	94.89	2.00	032 BF PC GI	4742	8	STD
						Shallow Oil Ring Grv.		2.00	126 RVT PC GI	4742010		0.25
								4.75	872 FV CR	4742020		0.50
									732 FV CR	4742030		0.75
										4742040		1.00
										4742060		1.50
									397 BF PM S	2M4742	8	STD
									126 RVT PC GI	2M4742010		0.25
									872 FV CR	2M4742020		0.50
									732 FV CR	2M4742030		0.75
										2M4742040		1.00
										2M4742060		1.50
Vin:M	8 CYL	5.0 L	4998	305	1993-02	Bonneville, Camaro, Caprice	94.89	2.00	032 BF PC GI	4742	8	STD
						Shallow Oil Ring Grv.		2.00	126 RVT PC GI	4742010		0.25
								4.75	872 FV CR	4742020		0.50
									732 FV CR	4742030		0.75
										4742040		1.00
										4742060		1.50
									327 BF PM GI	2M4742	8	STD
									126 RVT PC GI	2M4742010		0.25
									872 FV CR	2M4742020		0.50
									732 FV CR	2M4742030		0.75
										2M4742040		1.00
										2M4742060		1.50
	6 CYL	3.8 L	3753	229	1980-84	Chevrolet, Pontiac	94.89	2.00	032 BF PC GI	5617	6	STD
								2.00	126 RVT PC GI	5617010		0.25
								4.75	860 FV CR	5617020		0.50
									732 FV CR	5617030		0.75
										5617040		1.00
										5617060		1.50
									362 BF 3CR GI	2C5617	6	STD
									126 RVT PC GI	2C5617010		0.25
									860 FV CR	2C5617020		0.50
									732 FV CR	2C5617030		0.75
										2C5617040		1.00
										2C5617060		1.50
									397 BF PM S	2M5617	6	STD
									126 RVT PC GI	2M5617010		0.25
									860 FV CR	2M5617020		0.50
									732 FV CR	2M5617030		0.75
										2M5617040		1.00
										2M5617060		1.50
OHC	4 CYL	1.9 L	1900	120	1971-72	Firenza	95.25	2.00	032 BF PC GI	6873	4	STD
								2.00	126 RVT PC GI	6873010		0.25
								4.75	860 FV CR	6873020		0.50
									732 FV CR	6873030		0.75
									362 BF 3CR GI	2C6873	4	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
	6 CYL	3.5 L	3523	215	1964-65	Lemans, Pontiac Tempest	95.25	2.00	032 BF PC GI	656	6	STD
								2.00	126 RVT PC GI	656010		0.25
								4.75	860 FV CR	656020		0.50
									732 FV CR	656030		0.75
										656040		1.00
										656060		1.50
									362 BF 3CR GI	2C656	6	STD
									126 RVT PC GI	2C656010		0.25
									860 FV CR	2C656020		0.50
									732 FV CR	2C656030		0.75
										2C656040		1.00
										2C656060		1.50
									327 BF PM GI	2M656	6	STD
									126 RVT PC GI	2M656010		0.25
									860 FV CR	2M656020		0.50
									732 FV CR	2M656030		0.75
										2M656040		1.00
										2M656060		1.50
	6 CYL	3.7 L	3687	225	1964-67	Buick, Oldsmobile, Pontiac	95.25	2.00	032 BF PC GI	656	6	STD
								2.00	126 RVT PC GI	656010		0.25
								4.75	860 FV CR	656020		0.50
									732 FV CR	656030		0.75
										656040		1.00
										656060		1.50
									362 BF 3CR GI	2C656	6	STD
									126 RVT PC GI	2C656010		0.25
									860 FV CR	2C656020		0.50
									732 FV CR	2C656030		0.75
										2C656040		1.00
										2C656060		1.50
									327 BF PM GI	2M656	6	STD
									126 RVT PC GI	2M656010		0.25
									860 FV CR	2M656020		0.50
									732 FV CR	2M656030		0.75
										2M656040		1.00
										2M656060		1.50
	8 CYL	4.3 L	4343	265	1955-57	Chevrolet	95.25	2.00	032 BF PC GI	568	8	STD
								2.00	126 RVT PC GI	568010		0.25
								4.75	860 FV CR	568020		0.50
									732 FV CR	568030		0.75
										568040		1.00
										568060		1.50
										568080		2.00
										568100		2.50
									363 BF CR GI	2C568	8	STD
									126 RVT PC GI	2C568010		0.25
									860 FV CR	2C568020		0.50
									732 FV CR	2C568030		0.75
										2C568040		1.00
										2C568060		1.50
									327 BF PM GI	2M568	8	STD
									126 RVT PC GI	2M568010		0.25
									860 FV CR	2M568020		0.50
									732 FV CR	2M568030		0.75
										2M568040		1.00
										2M568060		1.50
										2M568080		2.00
										2M568100		2.50
	8 CYL	4.3 L	4343	265	1980-81	Buick, Olds., Pont. Shallow Oil Ring Grv.	95.25	2.00	032 BF PC GI	5616	8	STD
								2.00	126 RVT PC GI	5616020		0.50
								4.75	872 FV CR	5616030		0.75
									732 FV CR	5616040		1.00
										5616060		1.50
									362 BF 3CR GI	2C5616	8	STD
									126 RVT PC GI	2C5616020		0.50
									872 FV CR	2C5616030		0.75
									732 FV CR	2C5616040		1.00
										2C5616060		1.50
									327 BF PM GI	2M5616	8	STD
									126 RVT PC GI	2M5616020		0.50
									872 FV CR	2M5616030		0.75
									732 FV CR	2M5616040		1.00
										2M5616060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
	8 CYL	4.7 L	4703	287	1955	Models 27, 28 Pontiac	95.25	2.00	032 BF PC GI	568	8	STD
								2.00	126 RVT PC GI	568010		0.25
								4.75	860 FV CR	568020		0.50
									732 FV CR	568030		0.75
										568040		1.00
										568060		1.50
										568080		2.00
										568100		2.50
									363 BF CR GI	2C568	8	STD
									126 RVT PC GI	2C568010		0.25
									860 FV CR	2C568020		0.50
									732 FV CR	2C568030		0.75
										2C568040		1.00
										2C568060		1.50
									327 BF PM GI	2M568	8	STD
									126 RVT PC GI	2M568010		0.25
									860 FV CR	2M568020		0.50
									732 FV CR	2M568030		0.75
										2M568040		1.00
										2M568060		1.50
										2M568080		2.00
										2M568100		2.50
	8 CYL	4.9 L	4916	300	1964-67	Buick	95.25	2.00	032 BF PC GI	568	8	STD
								2.00	126 RVT PC GI	568010		0.25
								4.75	860 FV CR	568020		0.50
									732 FV CR	568030		0.75
										568040		1.00
										568060		1.50
										568080		2.00
										568100		2.50
									363 BF CR GI	2C568	8	STD
									126 RVT PC GI	2C568010		0.25
									860 FV CR	2C568020		0.50
									732 FV CR	2C568030		0.75
										2C568040		1.00
										2C568060		1.50
									327 BF PM GI	2M568	8	STD
									126 RVT PC GI	2M568010		0.25
									860 FV CR	2M568020		0.50
									732 FV CR	2M568030		0.75
										2M568040		1.00
										2M568060		1.50
										2M568080		2.00
										2M568100		2.50
	8 CYL	5.0 L	4965	303	1949-53	Oldsmobile Canada 36, 37	95.25	2.00	032 BF PC GI	568	8	STD
								2.00	126 RVT PC GI	568010		0.25
								4.75	860 FV CR	568020		0.50
									732 FV CR	568030		0.75
										568040		1.00
										568060		1.50
										568080		2.00
										568100		2.50
									363 BF CR GI	2C568	8	STD
									126 RVT PC GI	2C568010		0.25
									860 FV CR	2C568020		0.50
									732 FV CR	2C568030		0.75
										2C568040		1.00
										2C568060		1.50
									327 BF PM GI	2M568	8	STD
									126 RVT PC GI	2M568010		0.25
									860 FV CR	2M568020		0.50
									732 FV CR	2M568030		0.75
										2M568040		1.00
										2M568060		1.50
										2M568080		2.00
										2M568100		2.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
	8 CYL	5.6 L	5572	340	1966-67	Buick	95.25	2.00	032 BF PC GI	568	8	STD
								2.00	126 RVT PC GI	568010		0.25
								4.75	860 FV CR	568020		0.50
									732 FV CR	568030		0.75
										568040		1.00
										568060		1.50
										568080		2.00
										568100		2.50
									363 BF CR GI	2C568	8	STD
									126 RVT PC GI	2C568010		0.25
									860 FV CR	2C568020		0.50
									732 FV CR	2C568030		0.75
										2C568040		1.00
										2C568060		1.50
									327 BF PM GI	2M568	8	STD
									126 RVT PC GI	2M568010		0.25
									860 FV CR	2M568020		0.50
									732 FV CR	2M568030		0.75
										2M568040		1.00
										2M568060		1.50
										2M568080		2.00
										2M568100		2.50
	8 CYL	5.3 L	5342	326	1963	Pontiac	96.04	2.00	362 BF 3CR GI	2C682	8	STD
								2.00	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
	6 CYL	3.8 L	3800	231	1987-92	Buick, Chevrolet, Pontiac Shallow Oil Ring Grv.	96.50	1.50	032 BF PC GI	4458	6	STD
								1.50	126 RVT PC GI	4458020		0.50
								3.00	872 FV CR	4458030		0.75
									732 FV CR	4458040		1.00
										4458060		1.50
									327 BF PM GI	2M4458	6	STD
									126 RVT PC GI	2M4458020		0.50
									872 FV CR	2M4458030		0.75
									732 FV CR	2M4458040		1.00
										2M4458060		1.50
Vin: 1,L	6 CYL	3.8 L	3800	231	1993-95	Buick, GMC V6	96.50	1.20	397 BF PM S	2M4764	6	STD
								1.50	126 RVT PC GI	2M4764010		0.25
								3.00	872 FV CR	2M4764020		0.50
									732 FV CR	2M4764030		0.75
										2M4764040		1.00
										2M4764060		1.50
Vin: 1,2,4,K	6 CYL	3.8 L	3800	231	1996-09	Chevrolet	96.50	1.20	397 BF PM S	2M4866	6	STD
								1.50	126 RVT PC GI	2M4866010		0.25
								2.00	934 FV CR	2M4866020		0.50
									935 FV CR	2M4866030		0.75
										2M4866040		1.00
										2M4866060		1.50
	6 CYL	3.0 L	2966	181	1982-88	Chevrolet, Buick Non Turbo	96.52	2.00	032 BF PC GI	5474	6	STD
								2.00	126 RVT PC GI	5474020		0.50
								4.75	860 FV CR	5474030		0.75
									732 FV CR	5474040		1.00
										5474060		1.50
									362 BF 3CR GI	2C5474	6	STD
									126 RVT PC GI	2C5474010		0.25
									860 FV CR	2C5474020		0.50
									732 FV CR	2C5474030		0.75
										2C5474040		1.00
										2C5474060		1.50
									327 BF PM GI	2M5474	6	STD
									126 RVT PC GI	2M5474020		0.50
									860 FV CR	2M5474030		0.75
									732 FV CR	2M5474040		1.00
										2M5474060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
	6 CYL	3.8 L	3785	231	1974-87	Oldsmobil, Pontiac Non Turbo	96.52	2.00	032 BF PC GI	5474	6	STD
								2.00	126 RVT PC GI	5474020		0.50
								4.75	860 FV CR	5474030		0.75
									732 FV CR	5474040		1.00
										5474060		1.50
									362 BF 3CR GI	2C5474	6	STD
									126 RVT PC GI	2C5474010		0.25
									860 FV CR	2C5474020		0.50
									732 FV CR	2C5474030		0.75
										2C5474040		1.00
										2C5474060		1.50
									327 BF PM GI	2M5474	6	STD
									126 RVT PC GI	2M5474020		0.50
									860 FV CR	2M5474030		0.75
									732 FV CR	2M5474040		1.00
										2M5474060		1.50
	8 CYL	5.0 L	5030	307	1981-90	Buick, Cadillac, Oldsmobile, Pontiac	96.52	2.00	032 BF PC GI	696	8	STD
								2.00	126 RVT PC GI	696010		0.25
								4.75	860 FV CR	696020		0.50
									732 FV CR	696030		0.75
										696040		1.00
										696060		1.50
									362 BF 3CR GI	2C696	8	STD
									126 RVT PC GI	2C696010		0.25
									860 FV CR	2C696020		0.50
									732 FV CR	2C696030		0.75
										2C696040		1.00
										2C696060		1.50
									327 BF PM GI	2M696	8	STD
									126 RVT PC GI	2M696020		0.50
									860 FV CR	2M696030		0.75
									732 FV CR	2M696040		1.00
										2M696060		1.50
	8 CYL	5.7 L	5735	350	1968-80	Buick, Cadillac, Oldsmobile, Pontiac	96.52	2.00	032 BF PC GI	696	8	STD
								2.00	126 RVT PC GI	696010		0.25
								4.75	860 FV CR	696020		0.50
									732 FV CR	696030		0.75
										696040		1.00
										696060		1.50
									362 BF 3CR GI	2C696	8	STD
									126 RVT PC GI	2C696010		0.25
									860 FV CR	2C696020		0.50
									732 FV CR	2C696030		0.75
										2C696040		1.00
										2C696060		1.50
									327 BF PM GI	2M696	8	STD
									126 RVT PC GI	2M696020		0.50
									860 FV CR	2M696030		0.75
									732 FV CR	2M696040		1.00
										2M696060		1.50
	8 CYL	6.0 L	6030	368	1980-84	Cadillac Shallow Oil Ring Grv.	96.52	2.00	032 BF PC GI	5614	8	STD
								2.00	126 RVT PC GI	5614020		0.50
								4.75	872 FV CR	5614030		0.75
									732 FV CR	5614040		1.00
										5614060		1.50
									327 BF PM GI	2M5614	8	STD
									126 RVT PC GI	2M5614020		0.50
									872 FV CR	2M5614030		0.75
									732 FV CR	2M5614040		1.00
										2M5614060		1.50
	6 CYL	3.8 L	3800	231	1978-87	Buick Turbo	96.52	2.00	336 T PM DI	2M5612	6	STD
								2.00	126 RVT PC GI	2M5612020		0.50
								4.75	860 FV CR	2M5612030		0.75
									732 FV CR	2M5612040		1.00
										2M5612060		1.50
	8 CYL	6.6 L	6555	400	1968-69	Oldsmobile	98.30	2.00	032 BF PC GI	698	8	STD
								2.00	126 RVT PC GI	698040		1.00
								4.75	860 FV CR	698060		1.50
									732 FV CR			
									362 BF 3CR GI	2C698	8	STD
									126 RVT PC GI	2C698040		1.00
									860 FV CR	2C698060		1.50
									732 FV CR			
									397 BF PM S	2M698	8	STD
									126 RVT PC GI	2M698040		1.00
									860 FV CR	2M698060		1.50
									732 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
	4 CYL	2.5 L	2507	153	1962-70	Chevrolet	98.43	2.00	032 BF PC GI	665	4	STD
								2.00	126 RVT PC GI	665010		0.25
								4.75	860 FV CR	665020		0.50
									732 FV CR	665030		0.75
										665040		1.00
										665060		1.50
									362 BF 3CR GI	2C665	4	STD
									126 RVT PC GI	2C665010		0.25
									860 FV CR	2C665020		0.50
									732 FV CR	2C665030		0.75
										2C665040		1.00
										2C665060		1.50
									327 BF PM GI	2M665	4	STD
									126 RVT PC GI	2M665010		0.25
									860 FV CR	2M665020		0.50
									732 FV CR	2M665030		0.75
										2M665040		1.00
										2M665060		1.50
										2M665080		2.00
	6 CYL	3.8 L	3770	230	1963-70	Chevy	98.43	2.00	032 BF PC GI	667	6	STD
						Chevy, Police & Taxi		2.00	126 RVT PC GI	667010		0.25
						Fits Brazilian Mahle Piston		4.75	860 FV CR	667020		0.50
									732 FV CR	667030		0.75
										667040		1.00
										667060		1.50
										667080		2.00
									362 BF 3CR GI	2C667	6	STD
									126 RVT PC GI	2C667010		0.25
									860 FV CR	2C667020		0.50
									732 FV CR	2C667030		0.75
										2C667040		1.00
										2C667060		1.50
										2C667080		2.00
									327 BF PM GI	2M667	6	STD
									126 RVT PC GI	2M667010		0.25
									860 FV CR	2M667020		0.50
									732 FV CR	2M667030		0.75
										2M667040		1.00
										2M667060		1.50
										2M667080		2.00
	6 CYL	4.1 L	4097	250	1966-70	Chevolet, Pontiac	98.43	1.60	032 BF PC GI	670	6	STD
								1.60	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
									327 BF PM GI	2M670	6	STD
									126 RVT PC GI	2M670010		0.25
									860 FV CR	2M670030		0.75
									732 FV CR			
OHC	6 CYL	4.1 L	4097	250	1971-89	Chevy, Police & Taxi	98.43	2.00	032 BF PC GI	667	6	STD
						Fits Brazilian Mahle Piston		2.00	126 RVT PC GI	667010		0.25
								4.75	860 FV CR	667020		0.50
									732 FV CR	667030		0.75
										667040		1.00
										667060		1.50
										667080		2.00
									362 BF 3CR GI	2C667	6	STD
									126 RVT PC GI	2C667010		0.25
									860 FV CR	2C667020		0.50
									732 FV CR	2C667030		0.75
										2C667040		1.00
										2C667060		1.50
										2C667080		2.00
									327 BF PM GI	2M667	6	STD
									126 RVT PC GI	2M667010		0.25
									860 FV CR	2M667020		0.50
									732 FV CR	2M667030		0.75
										2M667040		1.00
										2M667060		1.50
										2M667080		2.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
	8 CYL	4.6 L	4640	283	1957-67	Chevrolet	98.43	2.00	032 BF PC GI	660	8	STD
								2.00	126 RVT PC GI	660010		0.25
								4.75	860 FV CR	660020		0.50
									732 FV CR	660030		0.75
										660040		1.00
										660060		1.50
										660080		2.00
									327 BF PM GI	2M660	8	STD
									126 RVT PC GI	2M660010		0.25
									860 FV CR	2M660020		0.50
									732 FV CR			
	8 CYL	5.0 L	5030	307	1968-73	Chevrolet	98.43	2.00	032 BF PC GI	660	8	STD
								2.00	126 RVT PC GI	660010		0.25
								4.75	860 FV CR	660020		0.50
									732 FV CR	660030		0.75
										660040		1.00
										660060		1.50
										660080		2.00
									327 BF PM GI	2M660	8	STD
									126 RVT PC GI	2M660010		0.25
									860 FV CR	2M660020		0.50
									732 FV CR			
	8 CYL	5.3 L	5309	324	1954-56	Oldsmobile Canada 30, 36	98.43	2.00	032 BF PC GI	660	8	STD
								2.00	126 RVT PC GI	660010		0.25
								4.75	860 FV CR	660020		0.50
									732 FV CR	660030		0.75
										660040		1.00
										660060		1.50
										660080		2.00
									327 BF PM GI	2M660	8	STD
									126 RVT PC GI	2M660010		0.25
									860 FV CR	2M660020		0.50
									732 FV CR			
	8 CYL	5.7 L	5735	350	1968-77	Pontiac	98.43	2.00	032 BF PC GI	660	8	STD
								2.00	126 RVT PC GI	660010		0.25
								4.75	860 FV CR	660020		0.50
									732 FV CR	660030		0.75
										660040		1.00
										660060		1.50
										660080		2.00
									327 BF PM GI	2M660	8	STD
									126 RVT PC GI	2M660010		0.25
									860 FV CR	2M660020		0.50
									732 FV CR			
	8 CYL	5.7 L	5735	350	1968-77	Pontiac	98.43	2.00	032 BF PC GI	660	8	STD
								2.00	126 RVT PC GI	660010		0.25
								4.75	860 FV CR	660020		0.50
									732 FV CR	660030		0.75
										660040		1.00
										660060		1.50
										660080		2.00
									327 BF PM GI	2M660	8	STD
									126 RVT PC GI	2M660010		0.25
									860 FV CR	2M660020		0.50
									732 FV CR			
LZ43.5N Vin: K, N	6 CYL	3.5 L	3507	214	2004-11		99.00	1.20	398 BF CR S	2C5270	6	STD
OHV								1.50	126 RVT PC GI	2C5270020		0.50
								2.50	995 FV CR	2C5270030		0.75
									732 FV CR	2C5270040		1.00
LZG (gas), LZE(flexfuel)	6 CYL	3.9 L	3900	238	2004-12		99.00	1.20	398 BF CR S	2C5270	6	STD
Vin: M,R,W,1,3								1.50	126 RVT PC GI	2C5270020		0.50
OHV								2.50	995 FV CR	2C5270030		0.75
									732 FV CR	2C5270040		1.00
LS1	8 CYL	5.7 L	5670	346	1997-05	Corvette, Camaro, Firebird	99.00	1.50	397 BF PM S	2M4897	8	STD
Vin: G,S						For Cast Iron Slvs Only		1.50	126 RVT PC GI	2M4897002		0.05
								3.00	872 FV CR	2M4897005		0.13
									732 FV CR	2M4897010		0.25
										2M4897020		0.50
										2M4897030		0.75
										2M4897040		1.00
	8 CYL	5.2 L	5180	316	1956-57	All Models 27, 28 Pontiac	100.01	2.00	032 BF PC GI	636	8	STD
								2.00	126 RVT PC GI	636030		0.75
								4.75	860 FV CR			
									732 FV CR			
	8 CYL	5.4 L	5408	330	1964-66	Oldsmobile	100.01	2.00	032 BF PC GI	636	8	STD
								2.00	126 RVT PC GI	636030		0.75
								4.75	860 FV CR			
									732 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
	6 CYL	4.1 L	4130	252	1980-87	Buick, Cadillac,	100.71	2.00	032 BF PC GI	5619	6	STD
						Pontiac, Oldsmobile		2.00	126 RVT PC GI	5619020		0.50
								4.75	860 FV CR	5619030		0.75
									732 FV CR	5619040		1.00
										5619060		1.50
									363 BF CR GI	2C5619	6	STD
									126 RVT PC GI	2C5619020		0.50
									860 FV CR	2C5619030		0.75
									732 FV CR	2C5619040		1.00
										2C5619060		1.50
									327 BF PM GI	2M5619	6	STD
									126 RVT PC GI	2M5619020		0.50
									860 FV CR	2M5619030		0.75
									732 FV CR	2M5619040		1.00
										2M5619060		1.50
	4 CYL	2.5 L	2474	151	1982-93	Chevorlet, Buick,	101.60	1.60	032 BF PC GI	4366	4	STD
						Oldsmobile, Pontiac		2.00	126 RVT PC GI	4366020		0.50
						Deep Oil Grv.		4.75	860 FV CR	4366030		0.75
									732 FV CR	4366040		1.00
										4366060		1.50
									362 BF 3CR GI	2C4366	4	STD
									126 RVT PC GI	2C4366020		0.50
									860 FV CR	2C4366030		0.75
									732 FV CR	2C4366040		1.00
										2C4366060		1.50
									327 BF PM GI	2M4366	4	STD
									126 RVT PC GI	2M4366020		0.50
									860 FV CR	2M4366030		0.75
									732 FV CR	2M4366040		1.00
										2M4366060		1.50
	4 CYL	2.5 L	2474	151	1978-80	Buick, Chevrolet	101.60	2.00	032 BF PC GI	5570	4	STD
								2.00	126 RVT PC GI	5570020		0.50
								4.75	860 FV CR	5570030		0.75
									732 FV CR	5570040		1.00
										5570060		1.50
									362 BF 3CR GI	2C5570	4	STD
									126 RVT PC GI	2C5570020		0.50
									860 FV CR	2C5570030		0.75
									732 FV CR	2C5570040		1.00
										2C5570060		1.50
									397 BF PM S	2M5570	4	STD
									126 RVT PC GI	2M5570020		0.50
									860 FV CR	2M5570030		0.75
									732 FV CR	2M5570040		1.00
										2M5570060		1.50
										2M5570065		1.63
	4 CYL	2.5 L	2474	151	1981	Chevrolet, Pontiac	101.60	2.00	032 BF PC GI	5630	4	STD
						Fit Brazilian Mahle Piston		2.00	126 RVT PC GI	5630020		0.50
						Shallow Oil Ring Grv.		4.75	872 FV CR	5630030		0.75
									732 FV CR	5630040		1.00
									362 BF 3CR GI	2C5630	4	STD
									126 RVT PC GI	2C5630020		0.50
									872 FV CR	2C5630030		0.75
									732 FV CR	2C5630040		1.00
										2C5630060		1.50
									397 BF PM S	2M5630	4	STD
									126 RVT PC GI	2M5630020		0.50
									872 FV CR	2M5630030		0.75
									732 FV CR	2M5630040		1.00
	4 CYL	2.5 L	2474	151	1982-93	Buick, Chevrolet	101.60	1.60	032 BF PC GI	5663	4	STD
						Shallow Oil Ring Grv.		2.00	126 RVT PC GI	5663020		0.50
								4.75	872 FV CR	5663030		0.75
									732 FV CR	5663040		1.00
										5663060		1.50
									362 BF 3CR GI	2C5663	4	STD
									126 RVT PC GI	2C5663020		0.50
									872 FV CR	2C5663030		0.75
									732 FV CR	2C5663040		1.00
										2C5663060		1.50
									327 BF PM GI	2M5663	4	STD
									126 RVT PC GI	2M5663020		0.50
									872 FV CR	2M5663030		0.75
									732 FV CR	2M5663040		1.00
										2M5663060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
	8 CYL	4.9 L	4933	301	1977-79	Pontiac	101.60	2.00	032 BF PC GI	139	8	STD
								2.00	126 RVT PC GI	139010		0.25
								4.75	860 FV CR	139020		0.50
									732 FV CR	139030		0.75
										139040		1.00
										139060		1.50
										139070		1.75
										139080		2.00
										139100		2.50
									362 BF 3CR GI	2C139	8	STD
									126 RVT PC GI	2C139010		0.25
									860 FV CR	2C139020		0.50
									732 FV CR	2C139030		0.75
										2C139040		1.00
										2C139060		1.50
										2C139070		1.75
										2C139080		2.00
									397 BF PM S	2M139	8	STD
									126 RVT PC GI	2M139005		0.13
									860 FV CR	2M139010		0.25
									732 FV CR	2M139020		0.50
										2M139030		0.75
										2M139040		1.00
										2M139060		1.50
										2M139070		1.75
										2M139080		2.00
										2M139100		2.50
	8 CYL	4.9 L	4933	301	1980-81	Pontiac Shallow Oil Ring Grv.	101.60	2.00	032 BF PC GI	5615	8	STD
								2.00	126 RVT PC GI	5615020		0.50
								4.75	872 FV CR	5615030		0.75
									732 FV CR	5615040		1.00
										5615060		1.50
										5615080		2.00
									362 BF 3CR GI	2C5615	8	STD
									126 RVT PC GI	2C5615020		0.50
									872 FV CR	2C5615030		0.75
									732 FV CR	2C5615040		1.00
										2C5615060		1.50
									397 BF PM S	2M5615	8	STD
									126 RVT PC GI	2M5615020		0.50
									872 FV CR	2M5615030		0.75
									732 FV CR	2M5615040		1.00
										2M5615060		1.50
										2M5615080		2.00
	8 CYL	5.0 L	4950	302	1967-70	Chevorlet Camaro Rally Pack.	101.60	2.00	032 BF PC GI	139	8	STD
								2.00	126 RVT PC GI	139010		0.25
								4.75	860 FV CR	139020		0.50
									732 FV CR	139030		0.75
										139040		1.00
										139060		1.50
										139070		1.75
										139080		2.00
										139100		2.50
									362 BF 3CR GI	2C139	8	STD
									126 RVT PC GI	2C139010		0.25
									860 FV CR	2C139020		0.50
									732 FV CR	2C139030		0.75
										2C139040		1.00
										2C139060		1.50
										2C139070		1.75
										2C139080		2.00
									397 BF PM S	2M139	8	STD
									126 RVT PC GI	2M139005		0.13
									860 FV CR	2M139010		0.25
									732 FV CR	2M139020		0.50
										2M139030		0.75
										2M139040		1.00
										2M139060		1.50
										2M139070		1.75
										2M139080		2.00
										2M139100		2.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
	8 CYL	5.3 L	5277	322	1953-60	40, 50, 60, 70 Series Buick	101.60	2.00	032 BF PC GI	139	8	STD
								2.00	126 RVT PC GI	139010		0.25
								4.75	860 FV CR	139020		0.50
									732 FV CR	139030		0.75
										139040		1.00
										139060		1.50
										139070		1.75
										139080		2.00
										139100		2.50
									362 BF 3CR GI	2C139	8	STD
									126 RVT PC GI	2C139010		0.25
									860 FV CR	2C139020		0.50
									732 FV CR	2C139030		0.75
										2C139040		1.00
										2C139060		1.50
										2C139070		1.75
										2C139080		2.00
									397 BF PM S	2M139	8	STD
									126 RVT PC GI	2M139005		0.13
									860 FV CR	2M139010		0.25
									732 FV CR	2M139020		0.50
										2M139030		0.75
										2M139040		1.00
										2M139060		1.50
										2M139070		1.75
										2M139080		2.00
										2M139100		2.50
	8 CYL	5.4 L	5360	327	1962-69	Chevorlet	101.60	2.00	032 BF PC GI	139	8	STD
								2.00	126 RVT PC GI	139010		0.25
								4.75	860 FV CR	139020		0.50
									732 FV CR	139030		0.75
										139040		1.00
										139060		1.50
										139070		1.75
										139080		2.00
										139100		2.50
									362 BF 3CR GI	2C139	8	STD
									126 RVT PC GI	2C139010		0.25
									860 FV CR	2C139020		0.50
									732 FV CR	2C139030		0.75
										2C139040		1.00
										2C139060		1.50
										2C139070		1.75
										2C139080		2.00
									397 BF PM S	2M139	8	STD
									126 RVT PC GI	2M139005		0.13
									860 FV CR	2M139010		0.25
									732 FV CR	2M139020		0.50
										2M139030		0.75
										2M139040		1.00
										2M139060		1.50
										2M139070		1.75
										2M139080		2.00
										2M139100		2.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
	8 CYL	5.7 L	5735	350	1967-85	Chevorlet, Pontiac	101.60	2.00	032 BF PC GI	139	8	STD
								2.00	126 RVT PC GI	139010		0.25
								4.75	860 FV CR	139020		0.50
									732 FV CR	139030		0.75
										139040		1.00
										139060		1.50
										139070		1.75
										139080		2.00
										139100		2.50
									362 BF 3CR GI	2C139	8	STD
									126 RVT PC GI	2C139010		0.25
									860 FV CR	2C139020		0.50
									732 FV CR	2C139030		0.75
										2C139040		1.00
										2C139060		1.50
										2C139070		1.75
										2C139080		2.00
									397 BF PM S	2M139	8	STD
									126 RVT PC GI	2M139005		0.13
									860 FV CR	2M139010		0.25
									732 FV CR	2M139020		0.50
										2M139030		0.75
										2M139040		1.00
										2M139060		1.50
										2M139070		1.75
										2M139080		2.00
										2M139100		2.50
Vin: K	8 CYL	5.7 L	5735	350	1986-89	Chevrolet Shallow Oil Ring Grv.	101.60	2.00	032 BF PC GI	5615	8	STD
								2.00	126 RVT PC GI	5615020		0.50
								4.75	872 FV CR	5615030		0.75
									732 FV CR	5615040		1.00
										5615060		1.50
										5615080		2.00
									362 BF 3CR GI	2C5615	8	STD
									126 RVT PC GI	2C5615020		0.50
									872 FV CR	2C5615030		0.75
									732 FV CR	2C5615040		1.00
										2C5615060		1.50
									397 BF PM S	2M5615	8	STD
									126 RVT PC GI	2M5615020		0.50
									872 FV CR	2M5615030		0.75
									732 FV CR	2M5615040		1.00
										2M5615060		1.50
										2M5615080		2.00
	8 CYL	6.0 L	5980	365	1956-58	Cadillac	101.60	2.00	032 BF PC GI	139	8	STD
								2.00	126 RVT PC GI	139010		0.25
								4.75	860 FV CR	139020		0.50
									732 FV CR	139030		0.75
										139040		1.00
										139060		1.50
										139070		1.75
										139080		2.00
										139100		2.50
									362 BF 3CR GI	2C139	8	STD
									126 RVT PC GI	2C139010		0.25
									860 FV CR	2C139020		0.50
									732 FV CR	2C139030		0.75
										2C139040		1.00
										2C139060		1.50
										2C139070		1.75
										2C139080		2.00
									397 BF PM S	2M139	8	STD
									126 RVT PC GI	2M139005		0.13
									860 FV CR	2M139010		0.25
									732 FV CR	2M139020		0.50
										2M139030		0.75
										2M139040		1.00
										2M139060		1.50
										2M139070		1.75
										2M139080		2.00
										2M139100		2.50
	8 CYL	6.1 L	6080	371	1957-60	Oldsmobile	101.60	2.00	032 BF PC GI	650	8	STD
								2.38	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
	8 CYL	6.4 L	6391	390	1959-63	Cadillac	101.60	2.00	032 BF PC GI	139	8	STD
								2.00	126 RVT PC GI	139010		0.25
								4.75	860 FV CR	139020		0.50
									732 FV CR	139030		0.75
										139040		1.00
										139060		1.50
										139070		1.75
										139080		2.00
										139100		2.50
									362 BF 3CR GI	2C139	8	STD
									126 RVT PC GI	2C139010		0.25
									860 FV CR	2C139020		0.50
									732 FV CR	2C139030		0.75
										2C139040		1.00
										2C139060		1.50
										2C139070		1.75
										2C139080		2.00
									397 BF PM S	2M139	8	STD
									126 RVT PC GI	2M139005		0.13
									860 FV CR	2M139010		0.25
									732 FV CR	2M139020		0.50
										2M139030		0.75
										2M139040		1.00
										2M139060		1.50
										2M139070		1.75
										2M139080		2.00
										2M139100		2.50
	8 CYL	6.6 L	6555	400	1965-67	Oldsmobile	101.60	2.00	032 BF PC GI	139	8	STD
								2.00	126 RVT PC GI	139010		0.25
								4.75	860 FV CR	139020		0.50
									732 FV CR	139030		0.75
										139040		1.00
										139060		1.50
										139070		1.75
										139080		2.00
										139100		2.50
									362 BF 3CR GI	2C139	8	STD
									126 RVT PC GI	2C139010		0.25
									860 FV CR	2C139020		0.50
									732 FV CR	2C139030		0.75
										2C139040		1.00
										2C139060		1.50
										2C139070		1.75
										2C139080		2.00
									397 BF PM S	2M139	8	STD
									126 RVT PC GI	2M139005		0.13
									860 FV CR	2M139010		0.25
									732 FV CR	2M139020		0.50
										2M139030		0.75
										2M139040		1.00
										2M139060		1.50
										2M139070		1.75
										2M139080		2.00
										2M139100		2.50
Vin:Z	6 CYL	4.3 L	4293	262	1990-95	Chevrolet	101.60	2.00	032 BF PC GI	4720	6	STD
								1.50	126 RVT PC GI	4720020		0.50
								4.00	872 FV CR	4720030		0.75
									732 FV CR	4720040		1.00
										4720060		1.50
									397 BF PM S	2M4720	6	STD
									126 RVT PC GI	2M4720020		0.50
									872 FV CR	2M4720030		0.75
									732 FV CR	2M4720040		1.00
										2M4720060		1.50
Vin: Z	6 CYL	4.3 L	4293	262	1988-95	Shallow Oil Ring Grv.	101.60	2.00	032 BF PC GI	4721	6	STD
								2.00	126 RVT PC GI	4721020		0.50
								4.75	872 FV CR	4721030		0.75
									732 FV CR	4721040		1.00
										4721060		1.50
									397 BF PM S	2M4721	6	STD
									126 RVT PC GI	2M4721020		0.50
									872 FV CR	2M4721030		0.75
									732 FV CR	2M4721040		1.00
										2M4721060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
Vin: W,X	6 CYL	4.3 L	4293	262	1996-97		101.60	1.50	032 BF PC GI	4862	6	STD
								1.50	126 RVT PC GI	4862020		0.50
								3.00	872 FV CR	4862030		0.75
									732 FV CR	4862040		1.00
										4862060		1.50
									397 BF PM S	2M4862	6	STD
									126 RVT PC GI	2M4862020		0.50
									872 FV CR	2M4862030		0.75
									732 FV CR	2M4862040		1.00
										2M4862060		1.50
Vin: N,Z	6 CYL	4.3 L	4293	262	1985-93	Chevrolet, Pontiac	101.60	2.00	032 BF PC GI	5712	6	STD
						Deep Oil Grv.		2.00	126 RVT PC GI	5712020		0.50
								4.75	871 FV CR	5712030		0.75
									732 FV CR	5712040		1.00
										5712060		1.50
									362 BF 3CR GI	2C5712	6	STD
									126 RVT PC GI	2C5712020		0.50
									871 FV CR	2C5712030		0.75
									732 FV CR	2C5712040		1.00
										2C5712060		1.50
									397 BF PM S	2M5712	6	STD
									126 RVT PC GI	2M5712020		0.50
									871 FV CR	2M5712030		0.75
									732 FV CR	2M5712040		1.00
										2M5712060		1.50
LT1	8 CYL	5.7 L	5735	350	1990-02	Light Wt. Piston	101.60	2.00	032 BF PC GI	4626	8	STD
Vin: P,R,5,7,8						Shallow Oil Ring Grv.		1.50	126 RVT PC GI	4626005		0.13
								4.00	872 FV CR	4626010		0.25
									732 FV CR	4626020		0.50
										4626030		0.75
										4626040		1.00
										4626060		1.50
									397 BF PM S	2M4626	8	STD
									126 RVT PC GI	2M4626005		0.13
									872 FV CR	2M4626010		0.25
									732 FV CR	2M4626020		0.50
										2M4626025		0.63
										2M4626030		0.75
										2M4626035		0.88
										2M4626040		1.00
										2M4626060		1.50
VIN:R	8 CYL	5.7 L	5735	350	1996-02	(Vortec)	101.60	1.50	032 BF PC GI	4860	8	STD
								1.50	126 RVT PC GI	4860020		0.50
						Shallow Oil Ring Grv.		3.00	872 FV CR	4860030		0.75
									732 FV CR	4860040		1.00
										4860060		1.50
									397 BF PM S	2M4860	8	STD
									126 RVT PC GI	2M4860005		0.13
									872 FV CR	2M4860010		0.25
									732 FV CR	2M4860020		0.50
										2M4860030		0.75
										2M4860040		1.00
										2M4860045		1.13
										2M4860060		1.50
										2M4860065		1.65
										2M4860070		1.75
										2M4860080		2.00
LS2, L96	8 CYL	6.0 L	5965	364	2005-15	Pontiac GTO, Corvette	101.60	1.20	397 BF PM S	2M5170	8	STD
								1.50	126 RVT PC GI	2M5170005		0.13
								2.50	995 FV CR	2M5170010		0.25
									732 FV CR	2M5170020		0.50
										2M5170030		0.75
										2M5170040		1.00
										2M5170060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
Vin: H,N,U	8 CYL	6.0 L	5965	364	1999-05	V8 Shallow Oil Ring Grv.	101.60	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4860 4860020 4860030 4860040 4860060	8	STD 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2M4860 2M4860005 2M4860010 2M4860020 2M4860030 2M4860040 2M4860045 2M4860060 2M4860065 2M4860070 2M4860080	8	STD 0.13 0.25 0.50 0.75 1.00 1.13 1.50 1.65 1.75 2.00
	8 CYL	6.6 L	6555	400	1967-69	GS400, Buick	102.62	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	694 694020 694030 694040 694060 694070	8	STD 0.50 0.75 1.00 1.50 1.75
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C694 2C694020 2C694030 2C694040	8	STD 0.50 0.75 1.00
									397 BF PM S 126 RVT PC GI 860 FV CR 732 FV CR	2M694 2M694020 2M694030 2M694040 2M694060	8	STD 0.50 0.75 1.00 1.50
	8 CYL	5.7 L	5735	350	1968-80	Buick, Cadillac, Pontiac, Oldsmobile	103.07	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	697 697030 697040 697060	8	STD 0.75 1.00 1.50
									363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C697 2C697020 2C697030 2C697040	8	STD 0.50 0.75 1.00
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M697 2M697030	8	STD 0.75
	4 CYL	3.2 L	3195	195	1961-63	Lemans, Pontiac Tempest	103.19	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	640 640030 640040 640060	4	STD 0.75 1.00 1.50
	8 CYL	6.0 L	6063	370	1958-66	Pontiac	103.19	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	639 639030 639040 639060	8	STD 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C639 2C639040 2C639060	8	STD 1.00 1.50
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M639 2M639030 2M639040	8	STD 0.75 1.00
	8 CYL	6.4 L	6375	389	1958-66	Pontiac	103.19	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	639 639030 639040 639060	8	STD 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C639 2C639040 2C639060	8	STD 1.00 1.50
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M639 2M639030 2M639040	8	STD 0.75 1.00
LT4, LT5 Vin:6	8 CYL	6.2 L	6162		2016-19	Camaro, Corvett, CTS	103.25	1.20 1.20 2.50	397 BF PM S 406 N PC DI 985 FV CR 732 FV CR	2N5295 2N529525 2N529550 2N529575	8	STD 0.25 0.50 0.75

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
LT1, LT4 Vin:6,7	8 CYL	6.2 L	6162		2014-17	Camaro, Corvett	103.25	1.20 1.50 2.50	397 BF PM S 406 N PC DI 985 FV CR 732 FV CR	2M5381 2M5381020 2M5381030	8	STD 0.50 0.75
LS9, ZK1 Vin: T Supercharged	8 CYL	6.2 L	6162	376	2009-15	Gen IV Cadillac CTS-V, Corvette	103.25	1.50 1.20 2.00	397 BF PM S 406 N PC DI 991 FV CR 005 FV CR	2M5275	8	STD
LS3, LSA, L94, L9H, L99 Vin:F,J,P,R,T,W,2 OHV	8 CYL	6.2 L	6195	378	2008-15	Corvette,Camaro, Cadillac CTS	103.25	1.50 1.50 2.50	336 T PM DI 406 N PC DI 985 FV CR 732 FV CR	2M5292 2M5292005 2M5292010 2M5292020 2M5292030 2M5292040	8	STD 0.13 0.25 0.50 0.75 1.00
	8 CYL	7.0 L	6965	425	1977-79	Cadillac	103.68	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5568 5568020 5568030 5568040 5568060	8	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5568 2C5568020 2C5568030 2C5568040 2C5568060	8	STD 0.50 0.75 1.00 1.50
									345 T PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M5568 2M5568020 2M5568030 2M5568040 2M5568060	8	STD 0.50 0.75 1.00 1.50
	8 CYL	6.5 L	6490	396	1965-69	Chevrolet	103.98	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	641 641030 641040 641060	8	STD 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M641 2M641030 2M641040 2M641060	8	STD 0.75 1.00 1.50
	8 CYL	6.9 L	6900	421	1963-66	Pontiac	103.98	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	641 641030 641040 641060	8	STD 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M641 2M641030 2M641040 2M641060	8	STD 0.75 1.00 1.50
	8 CYL	6.6 L	6555	400	1967-79	Pontiac, Oldsmobile	104.65	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	644 644010 644020 644030 644040 644060	8	STD 0.25 0.50 0.75 1.00 1.50
									363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C644 2C644010 2C644020 2C644030 2C644040 2C644060	8	STD 0.25 0.50 0.75 1.00 1.50
									345 T PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M644 2M644020 2M644030 2M644040 2M644060	8	STD 0.50 0.75 1.00 1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
	8 CYL	7.0 L	7014	428	1967-77	Pontiac	104.65	2.00	032 BF PC GI	644	8	STD
								2.00	126 RVT PC GI	644010		0.25
								4.75	860 FV CR	644020		0.50
									732 FV CR	644030		0.75
										644040		1.00
										644060		1.50
									363 BF CR GI	2C644	8	STD
									126 RVT PC GI	2C644010		0.25
									860 FV CR	2C644020		0.50
									732 FV CR	2C644030		0.75
										2C644040		1.00
										2C644060		1.50
									345 T PM GI	2M644	8	STD
									126 RVT PC GI	2M644020		0.50
									860 FV CR	2M644030		0.75
									732 FV CR	2M644040		1.00
										2M644060		1.50
	8 CYL	5.7 L	5703	348	1958-63	Chevrolet	104.78	2.00	032 BF PC GI	661	8	STD
								2.00	126 RVT PC GI	661010		0.25
								4.75	860 FV CR	661020		0.50
									732 FV CR	661030		0.75
										661040		1.00
										661060		1.50
									362 BF 3CR GI	2C661	8	STD
									126 RVT PC GI	2C661040		1.00
									860 FV CR			
									732 FV CR			
									327 BF PM GI	2M661	8	STD
									126 RVT PC GI	2M661010		0.25
									860 FV CR	2M661020		0.50
									732 FV CR	2M661030		0.75
										2M661040		1.00
										2M661060		1.50
	8 CYL	6.0 L	5965	364	1957-61	All Buick	104.78	2.00	032 BF PC GI	661	8	STD
								2.00	126 RVT PC GI	661010		0.25
								4.75	860 FV CR	661020		0.50
									732 FV CR	661030		0.75
										661040		1.00
										661060		1.50
									362 BF 3CR GI	2C661	8	STD
									126 RVT PC GI	2C661040		1.00
									860 FV CR			
									732 FV CR			
									327 BF PM GI	2M661	8	STD
									126 RVT PC GI	2M661010		0.25
									860 FV CR	2M661020		0.50
									732 FV CR	2M661030		0.75
										2M661040		1.00
										2M661060		1.50
	8 CYL	6.5 L	6457	394	1959-64	Oldsmobile	104.78	2.00	032 BF PC GI	651	8	STD
								2.38	126 RVT PC GI	651020		0.50
								4.75	860 FV CR	651030		0.75
									732 FV CR	651040		1.00
										651060		1.50
	8 CYL	6.5 L	6489	396	1970-73	Chevrolet	104.78	2.00	032 BF PC GI	661	8	STD
								2.00	126 RVT PC GI	661010		0.25
								4.75	860 FV CR	661020		0.50
									732 FV CR	661030		0.75
										661040		1.00
										661060		1.50
									362 BF 3CR GI	2C661	8	STD
									126 RVT PC GI	2C661040		1.00
									860 FV CR			
									732 FV CR			
									327 BF PM GI	2M661	8	STD
									126 RVT PC GI	2M661010		0.25
									860 FV CR	2M661020		0.50
									732 FV CR	2M661030		0.75
										2M661040		1.00
										2M661060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
	8 CYL	6.6 L	6555	400	1970-77	Chevrolet	104.78	2.00	032 BF PC GI	661	8	STD
	8 CYL	6.6 L	6588	402	1970-73	Chevrolet		2.00	126 RVT PC GI	661010		0.25
								4.75	860 FV CR	661020		0.50
									732 FV CR	661030		0.75
										661040		1.00
										661060		1.50
									362 BF 3CR GI	2C661	8	STD
									126 RVT PC GI	2C661040		1.00
									860 FV CR			
									732 FV CR			
									327 BF PM GI	2M661	8	STD
									126 RVT PC GI	2M661010		0.25
									860 FV CR	2M661020		0.50
									732 FV CR	2M661030		0.75
										2M661040		1.00
										2M661060		1.50
	8 CYL	7.0 L	6965	425	1965-76	Oldsmobile	104.78	2.00	032 BF PC GI	661	8	STD
								2.00	126 RVT PC GI	661010		0.25
								4.75	860 FV CR	661020		0.50
									732 FV CR	661030		0.75
										661040		1.00
										661060		1.50
									362 BF 3CR GI	2C661	8	STD
									126 RVT PC GI	2C661040		1.00
									860 FV CR			
									732 FV CR			
									327 BF PM GI	2M661	8	STD
									126 RVT PC GI	2M661010		0.25
									860 FV CR	2M661020		0.50
									732 FV CR	2M661030		0.75
										2M661040		1.00
										2M661060		1.50
	8 CYL	7.5 L	7456	455	1968-76	Oldsmobile	104.78	2.00	032 BF PC GI	661	8	STD
								2.00	126 RVT PC GI	661010		0.25
								4.75	860 FV CR	661020		0.50
									732 FV CR	661030		0.75
										661040		1.00
										661060		1.50
									362 BF 3CR GI	2C661	8	STD
									126 RVT PC GI	2C661040		1.00
									860 FV CR			
									732 FV CR			
									327 BF PM GI	2M661	8	STD
									126 RVT PC GI	2M661010		0.25
									860 FV CR	2M661020		0.50
									732 FV CR	2M661030		0.75
										2M661040		1.00
										2M661060		1.50
LS7 Vin:E OHV	8 CYL	7.0 L	6997	427	2006-13	Vortec Corvette ZO6	104.80	1.20	397 BF PM S	2M5129	8	STD
								1.20	406 N PC DI	2M5129010		0.25
								2.00	991 FV CR	2M5129020		0.50
									005 FV CR	2M5129030		0.75
	8 CYL	7.0 L	7030	429	1966-67	All Models Cadillac	104.90	1.60	032 BF PC GI	657	8	STD
								1.60	126 RVT PC GI	657030		0.75
								4.75	860 FV CR			
									732 FV CR			
	8 CYL	7.5 L	7456	455	1970-76	Pontiac	105.43	2.00	032 BF PC GI	643	8	STD
								1.60	126 RVT PC GI	643030		0.75
								4.75	860 FV CR	643040		1.00
									732 FV CR			
									345 T PM GI	2M643	8	STD
									126 RVT PC GI	2M643030		0.75
									860 FV CR	2M643040		1.00
									732 FV CR	2M643060		1.50
	8 CYL	6.6 L	6555	400	1959-66	Buick	106.36	2.00	032 BF PC GI	437	8	STD
								2.00	126 RVT PC GI	437030		0.75
								4.75	860 FV CR	437040		1.00
									732 FV CR			
									327 BF PM GI	2M437	8	STD
									126 RVT PC GI	2M437030		0.75
									860 FV CR	2M437040		1.00
									732 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
	8 CYL	6.6 L	6571	401	1959-66	Buick Nailhead	106.36	2.00	032 BF PC GI	437	8	STD
								2.00	126 RVT PC GI	437030		0.75
								4.75	860 FV CR	437040		1.00
									732 FV CR			
									327 BF PM GI	2M437	8	STD
									126 RVT PC GI	2M437030		0.75
									860 FV CR	2M437040		1.00
									732 FV CR			
	8 CYL	7.0 L	7046	430	1967-69	Buick	106.36	2.00	032 BF PC GI	437	8	STD
								2.00	126 RVT PC GI	437030		0.75
								4.75	860 FV CR	437040		1.00
									732 FV CR			
									327 BF PM GI	2M437	8	STD
									126 RVT PC GI	2M437030		0.75
									860 FV CR	2M437040		1.00
									732 FV CR			
	8 CYL	7.0 L	6997	427	1966-69	Chevrolet	107.95	2.00	032 BF PC GI	683	8	STD
						Chevrolet		2.00	126 RVT PC GI	683010		0.25
								4.75	860 FV CR	683020		0.50
									732 FV CR	683030		0.75
										683040		1.00
										683060		1.50
										683080		2.00
										683100		2.50
									363 BF CR GI	2C683	8	STD
									126 RVT PC GI	2C683010		0.25
									860 FV CR	2C683020		0.50
									732 FV CR	2C683030		0.75
										2C683040		1.00
										2C683060		1.50
									397 BF PM S	2M683	8	STD
									126 RVT PC GI	2M683010		0.25
									860 FV CR	2M683020		0.50
									732 FV CR	2M683030		0.75
										2M683040		1.00
										2M683060		1.50
										2M683070		1.75
										2M683080		2.00
										2M683100		2.50
	8 CYL	7.4 L	7440	454	1970-76	Chevrolet	107.95	2.00	032 BF PC GI	683	8	STD
								2.00	126 RVT PC GI	683010		0.25
								4.75	860 FV CR	683020		0.50
									732 FV CR	683030		0.75
										683040		1.00
										683060		1.50
										683080		2.00
										683100		2.50
									363 BF CR GI	2C683	8	STD
									126 RVT PC GI	2C683010		0.25
									860 FV CR	2C683020		0.50
									732 FV CR	2C683030		0.75
										2C683040		1.00
										2C683060		1.50
									397 BF PM S	2M683	8	STD
									126 RVT PC GI	2M683010		0.25
									860 FV CR	2M683020		0.50
									732 FV CR	2M683030		0.75
										2M683040		1.00
										2M683060		1.50
										2M683070		1.75
										2M683080		2.00
										2M683100		2.50
	8 CYL	7.7 L	7735	472	1968-74	Cadillac	109.22	2.00	032 BF PC GI	695	8	STD
								2.00	126 RVT PC GI	695020		0.50
								4.75	860 FV CR	695030		0.75
									732 FV CR	695040		1.00
									327 BF PM GI	2M695	8	STD
									126 RVT PC GI	2M695020		0.50
									860 FV CR	2M695030		0.75
									732 FV CR			
	8 CYL	8.2 L	8194	500	1970-76	Cadillac	109.22	2.00	032 BF PC GI	695	8	STD
								2.00	126 RVT PC GI	695020		0.50
								4.75	860 FV CR	695030		0.75
									732 FV CR	695040		1.00
									327 BF PM GI	2M695	8	STD
									126 RVT PC GI	2M695020		0.50
									860 FV CR	2M695030		0.75
									732 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
	8 CYL	6.7 L	6702	409	1962-65	Chevrolet	109.54	2.00	032 BF PC GI	645	8	STD
								2.00	126 RVT PC GI	645030		0.75
								4.75	860 FV CR	645040		1.00
									732 FV CR	645060		1.50
									362 BF 3CR GI	2C645	8	STD
									126 RVT PC GI	2C645030		0.75
									860 FV CR			
									732 FV CR			
									327 BF PM GI	2M645	8	STD
									126 RVT PC GI	2M645030		0.75
									860 FV CR	2M645040		1.00
									732 FV CR	2M645060		1.50
	8 CYL	7.0 L	6965	425	1963-66	All Buick	109.54	2.00	032 BF PC GI	645	8	STD
								2.00	126 RVT PC GI	645030		0.75
								4.75	860 FV CR	645040		1.00
									732 FV CR	645060		1.50
									362 BF 3CR GI	2C645	8	STD
									126 RVT PC GI	2C645030		0.75
									860 FV CR			
									732 FV CR			
									327 BF PM GI	2M645	8	STD
									126 RVT PC GI	2M645030		0.75
									860 FV CR	2M645040		1.00
									732 FV CR	2M645060		1.50
	8 CYL	7.5 L	7456	455	1970-76	Buick	109.54	2.00	032 BF PC GI	645	8	STD
								2.00	126 RVT PC GI	645030		0.75
								4.75	860 FV CR	645040		1.00
									732 FV CR	645060		1.50
									362 BF 3CR GI	2C645	8	STD
									126 RVT PC GI	2C645030		0.75
									860 FV CR			
									732 FV CR			
									327 BF PM GI	2M645	8	STD
									126 RVT PC GI	2M645030		0.75
									860 FV CR	2M645040		1.00
									732 FV CR	2M645060		1.50
	8 CYL	6.6 L	6604	403	1977-79	Buick, Olds., Pontiac	110.51	2.00	032 BF PC GI	4454	8	STD
								2.00	126 RVT PC GI	4454010		0.25
								4.75	860 FV CR	4454030		0.75
									732 FV CR	4454040		1.00
									362 BF 3CR GI	2C4454	8	STD
									126 RVT PC GI	2C4454010		0.25
									860 FV CR	2C4454020		0.50
									732 FV CR	2C4454030		0.75
										2C4454040		1.00
										2C4454060		1.50
									345 T PM GI	2M4454	8	STD
									126 RVT PC GI	2M4454020		0.50
									860 FV CR	2M4454030		0.75
									732 FV CR	2M4454040		1.00
										2M4454060		1.50
GENERAL MOTORS-TRUCKS												
G16, G16K, G16KV	4 CYL	1.6 L	1587	97	1989-00	GEO Tracker	75.00	1.20	398 BF CR S	2C4640	4	STD
Vin: U								1.50	435 SCRP PC GI	2C4640010		0.25
Suzuki Eng.								2.80	859 FV CR	2C4640020		0.50
									732 FV CR	2C4640030		0.75
										2C4640040		1.00
										2C4640060		1.50
G161	4 CYL	1.6 L	1584	97	1973-77	Chevrolet Luv	82.00	2.00	032 BF PC GI	4294	4	STD
Isuzu Eng.								2.00	126 RVT PC GI	4294020		0.50
								4.00	056 FV CR	4294030		0.75
									732 FV CR	4294040		1.00
										4294060		1.50
									362 BF 3CR GI	2C4294	4	STD
									126 RVT PC GI	2C4294010		0.25
									056 FV CR	2C4294020		0.50
									732 FV CR	2C4294030		0.75
										2C4294040		1.00
										2C4294060		1.50
PL820	4 CYL	1.6 L	1584	97	1973-82	Chev Luv	82.00	2.00	363 BF CR GI	2C4826	4	STD
						Fit Brazilian Mahle Piston		2.00	126 RVT PC GI	2C4826020		0.50
								4.00	056 FV CR	2C4826030		0.75
									732 FV CR	2C4826040		1.00
										2C4826060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-TRUCKS												
G180Z	4 CYL	1.8 L	1819	111	1972-84	Chevrolet Luv	84.00	2.00	032 BF PC GI	4247	4	STD
Vin: W								2.00	126 RVT PC GI	4247020		0.50
Isuzu Eng.								4.00	058 FV CR	4247030		0.75
									732 FV CR	4247040		1.00
										4247060		1.50
									362 BF 3CR GI	2C4247	4	STD
									126 RVT PC GI	2C4247010		0.25
									058 FV CR	2C4247020		0.50
									732 FV CR	2C4247030		0.75
										2C4247040		1.00
										2C4247060		1.50
Vin: C	4 CYL	2.0 L	2000	122	1999-04	Tracker	84.00	1.20	398 BF CR S	2C4959	4	STD
Suzuki Eng.								1.50	126 RVT PC GI	2C4959010		0.25
								2.50	995 FV CR	2C4959020		0.50
									732 FV CR	2C4959030		0.75
										2C4959040		1.00
									326 TBF GN SS	2N4959	4	STD
									435 SCRP PC GI			
									987 FV GN SS			
									714 GN SS			
Isuzu Eng.	4 CYL	1.8 L	1819	111	1982-84	Chevrolet	84.07	1.50	032 BF PC GI	6152	4	STD
								1.50	401 SCRP PC GI	6152020		0.50
								4.00	056 FV CR	6152030		0.75
									732 FV CR	6152040		1.00
									376 BF CR DI	2C6152	4	STD
									401 SCRP PC GI	2C6152020		0.50
									056 FV CR	2C6152030		0.75
									732 FV CR	2C6152040		1.00
										2C6152060		1.50
	4 CYL	1.9 L	1950	119	1983-85	GMC	87.00	1.50	102 T PC GI	6149	4	STD
								1.50	102 T PC GI	6149010		0.25
								4.00	058 FV CR	6149020		0.50
									732 FV CR	6149030		0.75
										6149040		1.00
										6149060		1.50
									362 BF 3CR GI	2C6149	4	STD
									102 T PC GI	2C6149010		0.25
									058 FV CR	2C6149020		0.50
									732 FV CR	2C6149030		0.75
										2C6149040		1.00
									327 BF PM GI	2M6149	4	STD
									102 T PC GI	2M6149010		0.25
									058 FV CR	2M6149020		0.50
									732 FV CR	2M6149030		0.75
										2M6149040		1.00
	4 CYL	1.9 L	1950	119	1982	GMC	87.00	2.00	032 BF PC GI	6157	4	STD
								2.00	126 RVT PC GI	6157020		0.50
								4.00	056 FV CR	6157030		0.75
									732 FV CR	6157040		1.00
										6157060		1.50
									362 BF 3CR GI	2C6157	4	STD
									126 RVT PC GI	2C6157020		0.50
									056 FV CR	2C6157030		0.75
									732 FV CR	2C6157040		1.00
									327 BF PM GI	2M6157	4	STD
									126 RVT PC GI	2M6157020		0.50
									056 FV CR	2M6157030		0.75
									732 FV CR	2M6157040		1.00
	6 CYL	2.4 L	2384	145	1961-63	Chevrolet	87.31	2.00	032 BF PC GI	663	6	STD
								2.00	126 RVT PC GI	663030		0.75
								4.75	860 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C663	6	STD
									126 RVT PC GI	2C663030		0.75
									860 FV CR			
									732 FV CR			
16V L4	4 CYL	2.4 L	2393	146	2004-08	S10 Blazer, Export	87.50	1.20	398 BF CR S	2C4174	4	STD
SOHC								1.50	126 RVT PC GI	2C4174020		0.50
								2.50	995 FV CR	2C4174030		0.75
									732 FV CR	2C4174040		1.00
LEA	4 CYL	2.4 L	2384	145	2012-15	Equinox, Denali, Terrain	88.00	1.20	398 BF CR S	2C4564	4	STD
ECOTEC						W/ 2mm Oil Grv.		1.50	126 RVT PC GI	2C4564010		0.25
								2.00	993 FV CR	2C4564020		0.50
									005 FV CR	2C4564030		0.75
LKW	4 CYL	2.5 L	2457	150	2012-16	GM Canyon	88.00	1.20	398 BF CR S	2C4564	4	STD
ECOTEC						W/ 2mm Oil Grv.		1.50	126 RVT PC GI	2C4564010		0.25
								2.00	993 FV CR	2C4564020		0.50
									005 FV CR	2C4564030		0.75

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-TRUCKS												
	6 CYL	3.3 L	3277	200	1978-79	GMC	88.90	2.00	032 BF PC GI	582	6	STD
								2.00	126 RVT PC GI	582005		0.13
								4.75	860 FV CR	582030		0.75
									732 FV CR	582040		1.00
										582060		1.50
									362 BF 3CR GI	2C582	6	STD
									126 RVT PC GI	2C582005		0.13
									860 FV CR			
									732 FV CR			
									327 BF PM GI	2M582	6	STD
									126 RVT PC GI	2M582005		0.13
									860 FV CR	2M582030		0.75
									732 FV CR	2M582040		1.00
	6 CYL	3.5 L	3540	216	1937-53	GMC - CI Piston	88.90	3.18	032 BF PC GI	133	6	STD
						3 Ring Piston		3.18	126 RVT PC GI	133030		0.75
								4.75	860 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C133	6	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
	6 CYL	3.5 L	3540	216	1937-53	Chevrolet	88.90	3.18	032 BF PC GI	6337	6	STD
						4 Ring Piston		3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
								4.75	501 1PCO PC GI			
	8 CYL	4.4 L	4375	267	1979-82	GMC	88.90	2.00	032 BF PC GI	652	8	STD
								2.00	126 RVT PC GI	652030		0.75
								4.75	860 FV CR	652040		1.00
									732 FV CR	652060		1.50
									363 BF CR GI	2C652	8	STD
									126 RVT PC GI	2C652010		0.25
									860 FV CR	2C652020		0.50
									732 FV CR	2C652030		0.75
										2C652040		1.00
									327 BF PM GI	2M652	8	STD
									126 RVT PC GI	2M652030		0.75
									860 FV CR	2M652040		1.00
									732 FV CR			
	4 CYL	2.0 L	1983	121	1983-84	S Series	89.00	2.00	032 BF PC GI	4705	4	STD
								2.00	126 RVT PC GI	4705020		0.50
								4.75	860 FV CR	4705030		0.75
									732 FV CR	4705040		1.00
									362 BF 3CR GI	2C4705	4	STD
									126 RVT PC GI	2C4705020		0.50
									860 FV CR	2C4705030		0.75
									732 FV CR	2C4705040		1.00
Vin: P	4 CYL	2.0 L	2000	122	1983-86	Chevrolet	89.00	1.50	032 BF PC GI	4256	4	STD
						Deep Oil Ring Grv.		1.50	126 RVT PC GI	4256020		0.50
								4.75	860 FV CR	4256030		0.75
									732 FV CR	4256040		1.00
										4256060		1.50
									397 BF PM S	2M4256	4	STD
									126 RVT PC GI	2M4256020		0.50
									860 FV CR	2M4256030		0.75
									732 FV CR	2M4256040		1.00
										2M4256060		1.50
	4 CYL	2.0 L	2000	122	1987-89	GMC	89.00	1.50	397 BF PM S	2M6209	4	STD
						Shallow Oil Ring Grv.		1.50	126 RVT PC GI	2M6209020		0.50
								3.00	872 FV CR	2M6209030		0.75
									005 FV CR	2M6209040		1.00
										2M6209060		1.50
Vin: 1,4,5,L	4 CYL	2.2 L	2196	134	1994-03	GMC	89.00	1.50	397 BF PM S	2M6209	4	STD
						Shallow Oil Ring Grv.		1.50	126 RVT PC GI	2M6209020		0.50
								3.00	872 FV CR	2M6209030		0.75
									005 FV CR	2M6209040		1.00
										2M6209060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-TRUCKS												
	6 CYL	2.8 L	2835	173	1981-84	GMC S15	89.00	1.50	032 BF PC GI	5632	6	STD
						Deep Oil Ring Grv.		2.00	126 RVT PC GI	5632010		0.25
								4.75	860 FV CR	5632020		0.50
									732 FV CR	5632030		0.75
										5632040		1.00
										5632060		1.50
									363 BF CR GI	2C5632	6	STD
									126 RVT PC GI	2C5632020		0.50
									860 FV CR	2C5632030		0.75
									732 FV CR	2C5632040		1.00
										2C5632060		1.50
									397 BF PM S	2M5632	6	STD
									126 RVT PC GI	2M5632010		0.25
									860 FV CR	2M5632020		0.50
									732 FV CR	2M5632030		0.75
										2M5632040		1.00
										2M5632060		1.50
	6 CYL	2.8 L	2835	173	1985-93	GMC	89.00	1.50	032 BF PC GI	6194	6	STD
						W/ Cast Iron Heads		2.00	126 RVT PC GI	6194020		0.50
						Shallow Oil Ring Grv.		4.75	872 FV CR	6194030		0.75
									732 FV CR	6194040		1.00
										6194060		1.50
									397 BF PM S	2M6194	6	STD
									126 RVT PC GI	2M6194010		0.25
									872 FV CR	2M6194020		0.50
									732 FV CR	2M6194030		0.75
										2M6194040		1.00
										2M6194060		1.50
LFW	6 CYL	3.0 L	2982	182	2010-12	Flex Fuel	89.00	1.00	398 BF CR S	2C5225	6	STD
Vin: 5								1.20	126 RVT PC GI	2C5225010		0.25
								1.50	981 FV CR	2C5225020		0.50
									005 FV CR	2C5225030		0.75
										2C5225040		1.00
Vin: D	6 CYL	3.1 L	3097	189	1987-95	GMC W	89.00	1.50	032 BF PC GI	4456	6	STD
						Shallow Oil Ring Grv.		1.50	126 RVT PC GI	4456010		0.25
								4.00	872 FV CR	4456020		0.50
									732 FV CR	4456030		0.75
										4456040		1.00
										4456060		1.50
									397 BF PM S	2M4456	6	STD
									126 RVT PC GI	2M4456010		0.25
									872 FV CR	2M4456020		0.50
									732 FV CR	2M4456030		0.75
										2M4456040		1.00
										2M4456060		1.50
	4 CYL	2.0 L	2000	122	1982-86	GMC	89.00	1.50	032 BF PC GI	4408	4	STD
						Deep Oil Ring Grv.		2.00	126 RVT PC GI	4408020		0.50
								4.75	860 FV CR	4408030		0.75
									732 FV CR	4408040		1.00
									397 BF PM S	2M4408	4	STD
									126 RVT PC GI	2M4408020		0.50
									860 FV CR	2M4408030		0.75
									732 FV CR	2M4408040		1.00
	4 CYL	2.0 L	2000	122	1982-83	GMC	89.00	1.50	032 BF PC GI	5650	4	STD
						Shallow Oil Ring Grv.		2.00	126 RVT PC GI	5650020		0.50
								4.75	872 FV CR	5650030		0.75
									732 FV CR	5650040		1.00
										5650060		1.50
									397 BF PM S	2M5650	4	STD
									126 RVT PC GI	2M5650020		0.50
									872 FV CR	2M5650030		0.75
									732 FV CR	2M5650040		1.00
										2M5650060		1.50
	4 CYL	2.0 L	2000	122	1984-86	GMC	89.00	1.50	032 BF PC GI	6169	4	STD
						Shallow Oil Ring Grv.		1.50	126 RVT PC GI	6169020		0.50
								4.75	872 FV CR	6169030		0.75
									732 FV CR	6169040		1.00
										6169060		1.50
									397 BF PM S	2M6169	4	STD
									126 RVT PC GI	2M6169020		0.50
									872 FV CR	2M6169030		0.75
									732 FV CR	2M6169040		1.00
										2M6169060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-TRUCKS												
	6 CYL	3.2 L	3179	194	1963-67	GMC	90.49	2.00	032 BF PC GI	666	6	STD
								2.00	126 RVT PC GI	666020		0.50
								4.75	860 FV CR	666060		1.50
									732 FV CR			
									362 BF 3CR GI	2C666	6	STD
									126 RVT PC GI	2C666060		1.50
									860 FV CR			
									732 FV CR			
									327 BF PM GI	2M666	6	STD
									126 RVT PC GI	2M666060		1.50
									860 FV CR			
									732 FV CR			
	6 CYL	3.7 L	3736	228	1935-50	GMC To S/N 228-308565	90.49	3.18	362 BF 3CR GI	2C468	6	STD
								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
	6 CYL	3.7 L	3736	228	1950-53	GMC To S/N 228-308565	90.49	2.38	362 BF 3CR GI	2C5047	6	STD
								3.18	126 RVT PC GI	2C5047030		0.75
								3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
	6 CYL	3.7 L	3736	228	1935-50	GMC	90.49	2.38	362 BF 3CR GI	2C5257	6	STD
								2.38	126 RVT PC GI			
								2.38	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
	6 CYL	3.9 L	3851	235	1953-61	GMC 4 Ring Piston	90.49	2.38	032 BF PC GI	6338	6	STD
								2.38	126 RVT PC GI	6338020		0.50
								4.75	860 FV CR	6338030		0.75
									732 FV CR	6338040		1.00
								4.75	501 1PCO PC GI			
	6 CYL	3.9 L	3851	235	1950-55	GMC-Canada	90.49	2.38	032 BF PC GI	135	6	STD
								3.18	126 RVT PC GI	135030		0.75
								4.75	860 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C135	6	STD
									126 RVT PC GI	2C135030		0.75
									860 FV CR			
									732 FV CR			
	6 CYL	3.9 L	3851	235	1956-62	GMC-Canada	90.49	2.38	032 BF PC GI	136	6	STD
								2.38	126 RVT PC GI	136020		0.50
								4.75	860 FV CR	136030		0.75
									732 FV CR	136040		1.00
										136080		2.00
									362 BF 3CR GI	2C136	6	STD
									126 RVT PC GI	2C136030		0.75
									860 FV CR	2C136040		1.00
									732 FV CR			
Vin: E,F	6 CYL	3.4 L	3392	207	1996-03	GMC	92.00	1.20	398 BF CR S	2C4893	6	STD
								1.50	126 RVT PC GI	2C4893020		0.50
								4.00	872 FV CR	2C4893030		0.75
									005 FV CR	2C4893040		1.00
										2C4893060		1.50
									397 BF PM S	2M4893	6	STD
									126 RVT PC GI	2M4893020		0.50
									872 FV CR	2M4893030		0.75
									005 FV CR	2M4893040		1.00
Vin: E,F	6 CYL	3.4 L	3392	207	2002-09	GMC w/3.00mm oil grv.	92.00	1.20	398 BF CR S	2C4903	6	STD
								1.50	126 RVT PC GI	2C4903020		0.50
								3.00	054 FV CR	2C4903030		0.75
									005 FV CR	2C4903040		1.00
	6 CYL	3.9 L	3867	236		GMC	92.08	3.18	362 BF 3CR GI	2C4008	6	STD
								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
	6 CYL	4.7 L	4868	286		GMC	92.08	3.18	362 BF 3CR GI	2C4008	6	STD
								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-TRUCKS												
L5	5 CYL	3.5 L	3460	211	2004-06		93.00	1.20	398 BF CR S	2C5139	5	STD
Vin: 6								1.50	126 RVT PC GI	2C5139010		0.25
								2.50	995 FV CR	2C5139020		0.50
									732 FV CR	2C5139030		0.75
										2C5139040		1.00
									397 BF PM S	2M5139	5	STD
									126 RVT PC GI	2M5139010		0.25
									995 FV CR	2M5139020		0.50
									732 FV CR	2M5139030		0.75
										2M5139040		1.00
L6 Vin: S	6 CYL	4.2 L	4195	256	2000	GMC	93.00	1.20	398 BF CR S	2C4781	6	STD
						w/1.2 2nd grv		1.20	126 RVT PC GI	2C4781010		0.25
								2.50	995 FV CR	2C4781020		0.50
									732 FV CR	2C4781030		0.75
										2C4781040		1.00
									397 BF PM S	2M4781	6	STD
									126 RVT PC GI	2M4781010		0.25
									995 FV CR	2M4781020		0.50
									732 FV CR	2M4781030		0.75
										2M4781040		1.00
Vin: S,X	6 CYL	4.2 L	4195	256	2002-09	GMC	93.00	1.20	397 BF PM S	2M5227	6	STD
L6 DOHC						w/1.5 2nd grv		1.50	126 RVT PC GI	2M5227010		0.25
								2.50	995 FV CR	2M5227020		0.50
									732 FV CR	2M5227030		0.75
										2M5227040		1.00
Vin: 8	4 CYL	2.8 L	2770	169	2004-06		93.00	1.20	398 BF CR S	2C5137	4	STD
								1.50	126 RVT PC GI	2C5137020		0.50
								2.50	995 FV CR	2C5137030		0.75
									732 FV CR	2C5137040		1.00
	8 CYL	4.3 L	4293	262	1975-76	Chevrolet	93.24	2.00	032 BF PC GI	5477	8	STD
								2.00	126 RVT PC GI	5477030		0.75
								4.75	860 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C5477	8	STD
									126 RVT PC GI	2C5477030		0.75
									860 FV CR			
									732 FV CR			
									327 BF PM GI	2M5477	8	STD
									126 RVT PC GI	2M5477030		0.75
									860 FV CR			
									732 FV CR			
	6 CYL	3.3 L	3300	204	1989-93	GMC	94.00	1.50	032 BF PC GI	4478	6	STD
						Shallow Oil Ring Grv.		1.50	126 RVT PC GI	4478020		0.50
								3.00	872 FV CR	4478030		0.75
									005 FV CR	4478040		1.00
									327 BF PM GI	2M4478	6	STD
									126 RVT PC GI	2M4478020		0.50
									872 FV CR	2M4478030		0.75
									005 FV CR	2M4478040		1.00
										2M4478060		1.50
Vin: 7, D	6 CYL	3.6 L	3605	220	2004-13	GMC	94.00	1.20	398 BF CR S	2C5133	6	STD
								1.50	126 RVT PC GI	2C5133010		0.25
								2.50	995 FV CR	2C5133020		0.50
									732 FV CR	2C5133030		0.75
										2C5133040		1.00
									397 BF PM S	2M5133	6	STD
									126 RVT PC GI	2M5133010		0.25
									995 FV CR	2M5133020		0.50
									732 FV CR	2M5133030		0.75
										2M5133040		1.00
	6 CYL	4.1 L	4067	248		GMC	94.46	2.38	363 BF CR GI	2C4400	6	STD
								3.18	126 RVT PC GI	2C4400030		0.75
								3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
	6 CYL	4.1 L	4067	248	1953-55	GMC	94.46	2.38	363 BF CR GI	2C5255	6	STD
								2.38	126 RVT PC GI	2C5255030		0.75
								2.38	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-TRUCKS												
	8 CYL	5.0 L	4998	305	1977-94	GMC Deep Oil Ring Grv.	94.89	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5499 5499010 5499020 5499030 5499040 5499060	8	STD 0.25 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5499 2C5499010 2C5499020 2C5499030 2C5499040 2C5499060	8	STD 0.25 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 860 FV CR 732 FV CR	2M5499 2M5499010 2M5499020 2M5499030 2M5499040 2M5499060	8	STD 0.25 0.50 0.75 1.00 1.50
Vin: W	8 CYL	4.3 L	4343	265	1994-96	Chevrolet, GMC Shallow Oil Ring Grv.	94.89	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4742 4742010 4742020 4742030 4742040 4742060	8	STD 0.25 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 872 FV CR 732 FV CR	2M4742 2M4742010 2M4742020 2M4742030 2M4742040 2M4742060	8	STD 0.25 0.50 0.75 1.00 1.50
Vin: M	8 CYL	5.0 L	4998	305	1993-02	GMC Shallow Oil Ring Grv.	94.89	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4742 4742010 4742020 4742030 4742040 4742060	8	STD 0.25 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 872 FV CR 732 FV CR	2M4742 2M4742010 2M4742020 2M4742030 2M4742040 2M4742060	8	STD 0.25 0.50 0.75 1.00 1.50
	6 CYL	3.8 L	3753	229	1980-85	GMC	94.89	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5617 5617010 5617020 5617030 5617040 5617060	6	STD 0.25 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5617 2C5617010 2C5617020 2C5617030 2C5617040 2C5617060	6	STD 0.25 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 860 FV CR 732 FV CR	2M5617 2M5617010 2M5617020 2M5617030 2M5617040 2M5617060	6	STD 0.25 0.50 0.75 1.00 1.50
	6 CYL	4.3 L	4277	261	1954-62	GMC - Canada	95.25	2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	137 137030	6	STD 0.75
									363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C137	6	STD

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-TRUCKS												
	8 CYL	4.3 L	4343	265	1955-57	Chevrolet	95.25	2.00	032 BF PC GI	568	8	STD
								2.00	126 RVT PC GI	568010		0.25
								4.75	860 FV CR	568020		0.50
									732 FV CR	568030		0.75
										568040		1.00
										568060		1.50
										568080		2.00
										568100		2.50
									363 BF CR GI	2C568	8	STD
									126 RVT PC GI	2C568010		0.25
									860 FV CR	2C568020		0.50
									732 FV CR	2C568030		0.75
										2C568040		1.00
										2C568060		1.50
									327 BF PM GI	2M568	8	STD
									126 RVT PC GI	2M568010		0.25
									860 FV CR	2M568020		0.50
									732 FV CR	2M568030		0.75
										2M568040		1.00
										2M568060		1.50
										2M568080		2.00
										2M568100		2.50
	8 CYL	4.7 L	4703	288	1955	GMC-Canada	95.25	2.00	032 BF PC GI	568	8	STD
								2.00	126 RVT PC GI	568010		0.25
								4.75	860 FV CR	568020		0.50
									732 FV CR	568030		0.75
										568040		1.00
										568060		1.50
										568080		2.00
										568100		2.50
									363 BF CR GI	2C568	8	STD
									126 RVT PC GI	2C568010		0.25
									860 FV CR	2C568020		0.50
									732 FV CR	2C568030		0.75
										2C568040		1.00
										2C568060		1.50
									327 BF PM GI	2M568	8	STD
									126 RVT PC GI	2M568010		0.25
									860 FV CR	2M568020		0.50
									732 FV CR	2M568030		0.75
										2M568040		1.00
										2M568060		1.50
										2M568080		2.00
										2M568100		2.50
Vin: 9	4 CYL	2.9 L	2900	177	2007-12		95.50	1.20	398 BF CR S	2C5236	4	STD
DOHC								1.50	126 RVT PC GI	2C5236020		0.50
								2.50	995 FV CR	2C5236030		0.75
									732 FV CR	2C5236040		1.00
L5 Vin: E	5 CYL	3.7 L	3654	223	2007-12	Hummer H3, H3T	95.50	1.20	398 BF CR S	2C5215	5	STD
DOHC								1.50	126 RVT PC GI	2C5215020		0.50
								2.50	995 FV CR	2C5215030		0.75
									732 FV CR	2C5215040		1.00
Vin: A,C,V,O,7,4	8 CYL	4.8 L	4818	294	1999-15	FLEX	96.00	1.50	397 BF PM S	2M4978	8	STD
						Shallow Top Grv.		1.50	126 RVT PC GI	2M4978010		0.25
								3.00	872 FV CR	2M4978020		0.50
									732 FV CR	2M4978030		0.75
										2M4978040		1.00
										2M4978060		1.50
LC9, LS4	8 CYL	5.3 L	5293	323	1999-13	Shallow Top Grv.	96.00	1.50	397 BF PM S	2M4978	8	STD
Vin: 0,3,4 B,C,J,								1.50	126 RVT PC GI	2M4978010		0.25
L,M,P,T,Z								3.00	872 FV CR	2M4978020		0.50
									732 FV CR	2M4978030		0.75
										2M4978040		1.00
										2M4978060		1.50
L83	8 CYL	5.3 L	5293	323	2014-17	ECOTEC 3	96.00	1.20	397 BF PM S	2M5380	8	STD
Vin: C						Tahoe, Suburban		1.50	126 RVT PC GI	2M5380020		0.50
OHV FLEX/GAS								2.50	934 FV CR	2M5380030		0.75
									005 FV CR			
	6 CYL	3.8 L	3800	231	1987-95	Chevrolet, GMC	96.50	1.50	032 BF PC GI	4458	6	STD
						Shallow Oil Ring Grv.		1.50	126 RVT PC GI	4458020		0.50
								3.00	872 FV CR	4458030		0.75
									732 FV CR	4458040		1.00
										4458060		1.50
						,			327 BF PM GI	2M4458	6	STD
									126 RVT PC GI	2M4458020		0.50
									872 FV CR	2M4458030		0.75
									732 FV CR	2M4458040		1.00
										2M4458060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-TRUCKS												
	6 CYL	3.8 L	3785	231	1985-86	Chevrolet, GMC Deep Oil Ring Grv.	96.52	2.00	032 BF PC GI	5474	6	STD
								2.00	126 RVT PC GI	5474020		0.50
								4.75	860 FV CR	5474030		0.75
									732 FV CR	5474040		1.00
										5474060		1.50
									362 BF 3CR GI	2C5474	6	STD
									126 RVT PC GI	2C5474010		0.25
									860 FV CR	2C5474020		0.50
									732 FV CR	2C5474030		0.75
										2C5474040		1.00
										2C5474060		1.50
									327 BF PM GI	2M5474	6	STD
									126 RVT PC GI	2M5474020		0.50
									860 FV CR	2M5474030		0.75
									732 FV CR	2M5474040		1.00
										2M5474060		1.50
	4 CYL	2.5 L	2507	153	1963-70	GMC	98.43	2.00	032 BF PC GI	665	4	STD
								2.00	126 RVT PC GI	665010		0.25
								4.75	860 FV CR	665020		0.50
									732 FV CR	665030		0.75
										665040		1.00
										665060		1.50
									362 BF 3CR GI	2C665	4	STD
									126 RVT PC GI	2C665010		0.25
									860 FV CR	2C665020		0.50
									732 FV CR	2C665030		0.75
										2C665040		1.00
										2C665060		1.50
									327 BF PM GI	2M665	4	STD
									126 RVT PC GI	2M665010		0.25
									860 FV CR	2M665020		0.50
									732 FV CR	2M665030		0.75
										2M665040		1.00
										2M665060		1.50
										2M665080		2.00
	6 CYL	3.8 L	3770	230	1963-69	GMC	98.43	2.00	032 BF PC GI	667	6	STD
								2.00	126 RVT PC GI	667010		0.25
								4.75	860 FV CR	667020		0.50
									732 FV CR	667030		0.75
										667040		1.00
										667060		1.50
										667080		2.00
									362 BF 3CR GI	2C667	6	STD
									126 RVT PC GI	2C667010		0.25
									860 FV CR	2C667020		0.50
									732 FV CR	2C667030		0.75
										2C667040		1.00
										2C667060		1.50
										2C667080		2.00
									327 BF PM GI	2M667	6	STD
									126 RVT PC GI	2M667010		0.25
									860 FV CR	2M667020		0.50
									732 FV CR	2M667030		0.75
										2M667040		1.00
										2M667060		1.50
										2M667080		2.00
	6 CYL	4.1 L	4097	250	1963-84	GMC	98.43	2.00	032 BF PC GI	667	6	STD
								2.00	126 RVT PC GI	667010		0.25
								4.75	860 FV CR	667020		0.50
									732 FV CR	667030		0.75
										667040		1.00
										667060		1.50
										667080		2.00
									362 BF 3CR GI	2C667	6	STD
									126 RVT PC GI	2C667010		0.25
									860 FV CR	2C667020		0.50
									732 FV CR	2C667030		0.75
										2C667040		1.00
										2C667060		1.50
										2C667080		2.00
									327 BF PM GI	2M667	6	STD
									126 RVT PC GI	2M667010		0.25
									860 FV CR	2M667020		0.50
									732 FV CR	2M667030		0.75
										2M667040		1.00
										2M667060		1.50
										2M667080		2.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-TRUCKS												
	8 CYL	4.6 L	4640	283	1957-67	GMC	98.43	2.00	032 BF PC GI	660	8	STD
								2.00	126 RVT PC GI	660010		0.25
								4.75	860 FV CR	660020		0.50
									732 FV CR	660030		0.75
										660040		1.00
										660060		1.50
										660080		2.00
									327 BF PM GI	2M660	8	STD
									126 RVT PC GI	2M660010		0.25
									860 FV CR	2M660020		0.50
									732 FV CR			
	6 CYL	4.8 L	4785	292		Chev., GMC Fits Brazilian Mahle Piston	98.43	2.38	363 BF CR GI	2C4840	6	STD
								2.38	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
	6 CYL	4.8 L	4785	292	1963-89	Chevy, GMC	98.43	2.38	032 BF PC GI	668	6	STD
								2.38	126 RVT PC GI	668010		0.25
								4.75	860 FV CR	668020		0.50
									732 FV CR	668030		0.75
										668040		1.00
										668060		1.50
										668080		2.00
									362 BF 3CR GI	2C668	6	STD
									126 RVT PC GI	2C668010		0.25
									860 FV CR	2C668020		0.50
									732 FV CR	2C668030		0.75
										2C668040		1.00
										2C668060		1.50
										2C668080		2.00
									327 BF PM GI	2M668	6	STD
									126 RVT PC GI	2M668010		0.25
									860 FV CR	2M668020		0.50
									732 FV CR	2M668030		0.75
										2M668040		1.00
										2M668060		1.50
										2M668080		2.00
	8 CYL	5.0 L	5030	307	1968-73	GMC	98.43	2.00	032 BF PC GI	660	8	STD
								2.00	126 RVT PC GI	660010		0.25
								4.75	860 FV CR	660020		0.50
									732 FV CR	660030		0.75
										660040		1.00
										660060		1.50
										660080		2.00
									327 BF PM GI	2M660	8	STD
									126 RVT PC GI	2M660010		0.25
									860 FV CR	2M660020		0.50
									732 FV CR			
	8 CYL	5.3 L	5309	324	1955-56	GMC	98.43	2.00	032 BF PC GI	660	8	STD
								2.00	126 RVT PC GI	660010		0.25
								4.75	860 FV CR	660020		0.50
									732 FV CR	660030		0.75
										660040		1.00
										660060		1.50
										660080		2.00
									327 BF PM GI	2M660	8	STD
									126 RVT PC GI	2M660010		0.25
									860 FV CR	2M660020		0.50
									732 FV CR			
	8 CYL	5.5 L	5506	336	1958-59	GMC To S/N 33635001	98.43	2.00	032 BF PC GI	660	8	STD
								2.00	126 RVT PC GI	660010		0.25
								4.75	860 FV CR	660020		0.50
									732 FV CR	660030		0.75
										660040		1.00
										660060		1.50
										660080		2.00
									327 BF PM GI	2M660	8	STD
									126 RVT PC GI	2M660010		0.25
									860 FV CR	2M660020		0.50
									732 FV CR			
LZG (gas), LZE (flex-fuel) Vin: N,R,W,1,3	6 CYL	3.9 L	3900	238	2004-11		99.00	1.20	398 BF CR S	2C5270	6	STD
								1.50	126 RVT PC GI	2C5270020		0.50
								2.50	995 FV CR	2C5270030		0.75
									732 FV CR	2C5270040		1.00
LV3 VIN: H / 12 Valves EcoTec3	6 CYL	4.3 L	4301	262	2014-17	Chervrolet Silvarado 1500, GMC Sierra 1500	99.60	1.20	397 BF PM S	2M5285	6	STD
								1.50	126 RVT PC GI			
								2.50	995 FV CR			
									732 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-TRUCKS												
	8 CYL	5.2 L	5180	316	1955-56	GMC	100.01	2.00	032 BF PC GI	636	8	STD
								2.00	126 RVT PC GI	636030		0.75
								4.75	860 FV CR			
									732 FV CR			
	8 CYL	5.7 L	5686	347	1957	GMC	100.01	2.00	032 BF PC GI	636	8	STD
								2.00	126 RVT PC GI	636030		0.75
								4.75	860 FV CR			
									732 FV CR			
	8 CYL	6.0 L	6000	366	1966-90	Chevrolet, GMC	100.01	2.38	032 BF PC GI	671	8	STD
								2.00	126 RVT PC GI	671010		0.25
								2.00	126 RVT PC GI	671020		0.50
								4.75	860 FV CR	671030		0.75
									732 FV CR	671040		1.00
										671060		1.50
									363 BF CR GI	2C671	8	STD
									126 RVT PC GI	2C671010		0.25
									126 RVT PC GI	2C671020		0.50
									860 FV CR	2C671030		0.75
									732 FV CR	2C671040		1.00
										2C671060		1.50
									327 BF PM GI	2M671	8	STD
									126 RVT PC GI	2M671020		0.50
									126 RVT PC GI	2M671030		0.75
									860 FV CR	2M671040		1.00
									732 FV CR	2M671060		1.50
	8 CYL	6.0 L	6000	366	1991-97	GMC 4 Ring Piston Shallow Oil Grv.	100.01	2.38	032 BF PC GI	4719	8	STD
								2.00	126 RVT PC GI	4719010		0.25
								2.00	126 RVT PC GI	4719020		0.50
								4.75	872 FV CR	4719030		0.75
									732 FV CR	4719040		1.00
										4719060		1.50
									363 BF CR GI	2C4719	8	STD
									126 RVT PC GI	2C4719010		0.25
									126 RVT PC GI	2C4719020		0.50
									872 FV CR	2C4719030		0.75
									732 FV CR	2C4719040		1.00
										2C4719060		1.50
									327 BF PM GI	2M4719	8	STD
									126 RVT PC GI	2M4719010		0.25
									126 RVT PC GI	2M4719020		0.50
									872 FV CR	2M4719030		0.75
									732 FV CR	2M4719040		1.00
										2M4719060		1.50
V8	8 CYL	6.0 L	6000	366	1991-97	GMC 4 Ring Piston Shallow Oil Grv.	100.01	2.38	032 BF PC GI	5049	8	STD
								2.00	126 RVT PC GI	5049010		0.25
								4.75	872 FV CR	5049020		0.50
									732 FV CR	5049030		0.75
										5049040		1.00
										5049060		1.50
									363 BF CR GI	2C5049	8	STD
									126 RVT PC GI	2C5049010		0.25
									872 FV CR	2C5049020		0.50
									732 FV CR	2C5049030		0.75
										2C5049040		1.00
										2C5049060		1.50
									327 BF PM GI	2M5049	8	STD
									126 RVT PC GI	2M5049010		0.25
									872 FV CR	2M5049020		0.50
									732 FV CR	2M5049030		0.75
										2M5049040		1.00
										2M5049060		1.50
	8 CYL	6.2 L	6210	379	1982-95	GMC Diesel Eng Incl Turbo 2nd ring gap .029 - .039	101.05	3.00	372 FKST CR DI	2D4975	8	STD
								2.00	130 RVT PC GI	2D497550		0.50
								4.00	553 CF CR GI	2D497575		0.75
									881 2PCO	2D4975100		1.00
										2D4975150		1.50
	8 CYL	6.2 L	6210	379	1982-95	GMC Diesel Eng Incl Turbo	101.05	3.00	372 FKST CR DI	2D5655	8	STD
								2.00	126 RVT PC GI	2D565550		0.50
								4.00	553 CF CR GI	2D565575		0.75
									881 2PCO	2D5655100		1.00
										2D5655150		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-TRUCKS												
	4 CYL	2.5 L	2474	151	1982-86	GMC Deep Oil Grv.	101.60	1.60 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	4366 4366020 4366030 4366040 4366060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4366 2C4366020 2C4366030 2C4366040 2C4366060	4	STD 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M4366 2M4366020 2M4366030 2M4366040 2M4366060	4	STD 0.50 0.75 1.00 1.50
	4 CYL	2.5 L	2474	151	1985-93	GMC Shallow Oil Ring Grv.	101.60	1.60 2.00 4.75	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	5663 5663020 5663030 5663040 5663060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 872 FV CR 732 FV CR	2C5663 2C5663020 2C5663030 2C5663040 2C5663060	4	STD 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 872 FV CR 732 FV CR	2M5663 2M5663020 2M5663030 2M5663040 2M5663060	4	STD 0.50 0.75 1.00 1.50
	8 CYL	5.3 L	5276	322	1956-60	Chevorlet Deep Oil Ring Grv.	101.60	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	139 139010 139020 139030 139040 139060 139070 139080 139100	8	STD 0.25 0.50 0.75 1.00 1.50 1.75 2.00 2.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C139 2C139010 2C139020 2C139030 2C139040 2C139060 2C139070 2C139080	8	STD 0.25 0.50 0.75 1.00 1.50 1.75 2.00
									397 BF PM S 126 RVT PC GI 860 FV CR 732 FV CR	2M139 2M139005 2M139010 2M139020 2M139030 2M139040 2M139060 2M139070 2M139080 2M139100	8	STD 0.13 0.25 0.50 0.75 1.00 1.50 1.75 2.00 2.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-TRUCKS												
	8 CYL	5.4 L	5358	327		GMC-Canada	101.60	2.00	032 BF PC GI	139	8	STD
	8 CYL	5.4 L	5440	332		Deep Oil Ring Grv.		2.00	126 RVT PC GI	139010		0.25
								4.75	860 FV CR	139020		0.50
									732 FV CR	139030		0.75
										139040		1.00
										139060		1.50
										139070		1.75
										139080		2.00
										139100		2.50
									362 BF 3CR GI	2C139	8	STD
									126 RVT PC GI	2C139010		0.25
									860 FV CR	2C139020		0.50
									732 FV CR	2C139030		0.75
										2C139040		1.00
										2C139060		1.50
										2C139070		1.75
										2C139080		2.00
									397 BF PM S	2M139	8	STD
									126 RVT PC GI	2M139005		0.13
									860 FV CR	2M139010		0.25
									732 FV CR	2M139020		0.50
										2M139030		0.75
										2M139040		1.00
										2M139060		1.50
										2M139070		1.75
										2M139080		2.00
										2M139100		2.50
Vin: K	8 CYL	5.7 L	5735	350	1987-96	GMC	101.60	2.00	032 BF PC GI	5615	8	STD
						Shallow Oil Ring Grv.		2.00	126 RVT PC GI	5615020		0.50
								4.75	872 FV CR	5615030		0.75
									732 FV CR	5615040		1.00
										5615060		1.50
										5615080		2.00
									362 BF 3CR GI	2C5615	8	STD
									126 RVT PC GI	2C5615020		0.50
									872 FV CR	2C5615030		0.75
									732 FV CR	2C5615040		1.00
										2C5615060		1.50
									397 BF PM S	2M5615	8	STD
									126 RVT PC GI	2M5615020		0.50
									872 FV CR	2M5615030		0.75
									732 FV CR	2M5615040		1.00
										2M5615060		1.50
										2M5615080		2.00
	8 CYL	5.7 L	5735	350	1968-89	GMC	101.60	2.00	032 BF PC GI	139	8	STD
						Deep Oil Ring Grv.		2.00	126 RVT PC GI	139010		0.25
								4.75	860 FV CR	139020		0.50
									732 FV CR	139030		0.75
										139040		1.00
										139060		1.50
										139070		1.75
										139080		2.00
										139100		2.50
									362 BF 3CR GI	2C139	8	STD
									126 RVT PC GI	2C139010		0.25
									860 FV CR	2C139020		0.50
									732 FV CR	2C139030		0.75
										2C139040		1.00
										2C139060		1.50
										2C139070		1.75
										2C139080		2.00
									397 BF PM S	2M139	8	STD
									126 RVT PC GI	2M139005		0.13
									860 FV CR	2M139010		0.25
									732 FV CR	2M139020		0.50
										2M139030		0.75
										2M139040		1.00
										2M139060		1.50
										2M139070		1.75
										2M139080		2.00
										2M139100		2.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-TRUCKS												
	8 CYL	6.1 L	6063	370	1957-59	GMC	101.60	2.00	032 BF PC GI	577	8	STD
								2.38	126 RVT PC GI	577020		0.50
								4.75	860 FV CR	577030		0.75
									732 FV CR	577040		1.00
										577060		1.50
									362 BF 3CR GI	2C577	8	STD
									126 RVT PC GI	2C577020		0.50
									860 FV CR	2C577030		0.75
									732 FV CR	2C577040		1.00
										2C577060		1.50
									397 BF PM S	2M577	8	STD
									126 RVT PC GI	2M577020		0.50
									860 FV CR	2M577030		0.75
									732 FV CR	2M577040		1.00
										2M577060		1.50
	6 CYL	4.3 L	4293	262	1990-95		101.60	2.00	032 BF PC GI	4720	6	STD
								1.50	126 RVT PC GI	4720020		0.50
								4.00	872 FV CR	4720030		0.75
									732 FV CR	4720040		1.00
										4720060		1.50
									397 BF PM S	2M4720	6	STD
									126 RVT PC GI	2M4720020		0.50
									872 FV CR	2M4720030		0.75
									732 FV CR	2M4720040		1.00
										2M4720060		1.50
Vin: Z	6 CYL	4.3 L	4293	262	1988-95	Shallow Oil Ring Grv.	101.60	2.00	032 BF PC GI	4721	6	STD
								2.00	126 RVT PC GI	4721020		0.50
								4.75	872 FV CR	4721030		0.75
									732 FV CR	4721040		1.00
										4721060		1.50
									397 BF PM S	2M4721	6	STD
									126 RVT PC GI	2M4721020		0.50
									872 FV CR	2M4721030		0.75
									732 FV CR	2M4721040		1.00
										2M4721060		1.50
Vin: W,X	6 CYL	4.3 L	4293	262	1996-13		101.60	1.50	032 BF PC GI	4862	6	STD
								1.50	126 RVT PC GI	4862020		0.50
								3.00	872 FV CR	4862030		0.75
									732 FV CR	4862040		1.00
										4862060		1.50
									397 BF PM S	2M4862	6	STD
									126 RVT PC GI	2M4862020		0.50
									872 FV CR	2M4862030		0.75
									732 FV CR	2M4862040		1.00
										2M4862060		1.50
Vin: Z	6 CYL	4.3 L	4293	262	1985-94	Chevrolet Deep Oil Grv.	101.60	2.00	032 BF PC GI	5712	6	STD
								2.00	126 RVT PC GI	5712020		0.50
								4.75	871 FV CR	5712030		0.75
									732 FV CR	5712040		1.00
										5712060		1.50
									362 BF 3CR GI	2C5712	6	STD
									126 RVT PC GI	2C5712020		0.50
									871 FV CR	2C5712030		0.75
									732 FV CR	2C5712040		1.00
										2C5712060		1.50
									397 BF PM S	2M5712	6	STD
									126 RVT PC GI	2M5712020		0.50
									871 FV CR	2M5712030		0.75
									732 FV CR	2M5712040		1.00
										2M5712060		1.50
	6 CYL	4.9 L	4949	302	1952-59	GMC	101.60	2.38	363 BF CR GI	2C5209	6	STD
								2.38	126 RVT PC GI	2C5209060		1.50
								2.38	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-TRUCKS												
Vin: R	8 CYL	5.7 L	5735	350	1990-02	Light Wt. Piston	101.60	2.00	032 BF PC GI	4626	8	STD
						Shallow Oil Ring Grv.		1.50	126 RVT PC GI	4626005		0.13
								4.00	872 FV CR	4626010		0.25
									732 FV CR	4626020		0.50
										4626030		0.75
										4626040		1.00
										4626060		1.50
									397 BF PM S	2M4626	8	STD
									126 RVT PC GI	2M4626005		0.13
									872 FV CR	2M4626010		0.25
									732 FV CR	2M4626020		0.50
										2M4626025		0.63
										2M4626030		0.75
										2M4626035		0.88
										2M4626040		1.00
										2M4626060		1.50
	8 CYL	5.7 L	5735	350	1996-00	(Vortec)	101.60	1.50	032 BF PC GI	4860	8	STD
						Shallow Oil Ring Grv.		1.50	126 RVT PC GI	4860020		0.50
								3.00	872 FV CR	4860030		0.75
									732 FV CR	4860040		1.00
										4860060		1.50
									397 BF PM S	2M4860	8	STD
									126 RVT PC GI	2M4860005		0.13
									872 FV CR	2M4860010		0.25
									732 FV CR	2M4860020		0.50
										2M4860030		0.75
										2M4860040		1.00
										2M4860045		1.13
										2M4860060		1.50
										2M4860065		1.65
										2M4860070		1.75
										2M4860080		2.00
LS2, L96	8 CYL	6.0 L	5965	364	2005-15	GMC	101.60	1.20	397 BF PM S	2M5170	8	STD
LC8, LZ1						fuel type CNG,FLEX,		1.50	126 RVT PC GI	2M5170005		0.13
Vin: B, G, H, K,						GAS, Electric/Gas		2.50	995 FV CR	2M5170010		0.25
U, Y, 2, 5, 8									732 FV CR	2M5170020		0.50
										2M5170030		0.75
										2M5170040		1.00
										2M5170060		1.50
Vin: H,N,U	8 CYL	6.0 L	5965	364	1999-06	Shallow Oil Ring Grv.	101.60	1.50	032 BF PC GI	4860	8	STD
								1.50	126 RVT PC GI	4860020		0.50
								3.00	872 FV CR	4860030		0.75
									732 FV CR	4860040		1.00
										4860060		1.50
									397 BF PM S	2M4860	8	STD
									126 RVT PC GI	2M4860005		0.13
									872 FV CR	2M4860010		0.25
									732 FV CR	2M4860020		0.50
										2M4860030		0.75
										2M4860040		1.00
										2M4860045		1.13
										2M4860060		1.50
										2M4860065		1.65
										2M4860070		1.75
										2M4860080		2.00
L57, L65	8 CYL	6.5 L	6473	395	1992-06	GMC	103.00	3.00	378 FKST BF CC DI	2D4744	8	STD
Vin: F,S,Y						Diesel Eng		2.00	130 RVT PC GI	2D474450		0.50
						Incl Turbo		4.00	553 CF CR GI	2D474475		0.75
						2nd ring gap .029 - .039			881 2PCO	2D4744100		1.00
										2D4744150		1.50
VIN:1,2,3,8,D,L	8 CYL	6.6 L	6603	403	2001-15	V8 32V Duramax	103.00	3.00	259 FKST BF GN SS	2D4845	8	STD
OHV						Diesel Eng		2.00	257 TF CR DI	2D484550		0.50
								3.00	203 CF GN SS	2D4845100		1.00
									881 2PCO			
L86	8 CYL	6.2 L	6162		2014-18	Escalade, Sierra,	103.25	1.20	397 BF PM S	2M5381	8	STD
Vin:J						Silvarado, Yukon		1.50	406 N PC DI	2M5381020		0.50
								2.50	985 FV CR	2M5381030		0.75
									732 FV CR			
LS9, ZK1	8 CYL	6.2 L	6162	376	2009-11	Denali, Escalade, Yukon	103.25	1.50	397 BF PM S	2M5275	8	STD
Vin: T								1.20	406 N PC DI			
Supercharged								2.00	991 FV CR			
									005 FV CR			
LS3, L9H(Flex Fuel),	8 CYL	6.2 L	6195	378	2007-17	Escalade, Sierra, Yukon	103.25	1.50	336 T PM DI	2M5292	8	STD
L92, L99								1.50	406 N PC DI	2M5292005		0.13
Vin: 2, 8, R, W								2.50	985 FV CR	2M5292010		0.25
OHV									732 FV CR	2M5292020		0.50
										2M5292030		0.75
										2M5292040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-TRUCKS												
	8 CYL	6.5 L	6490	396	1966-69	GMC	103.98	2.00	032 BF PC GI	641	8	STD
								2.00	126 RVT PC GI	641030		0.75
								4.75	860 FV CR	641040		1.00
									732 FV CR	641060		1.50
									327 BF PM GI	2M641	8	STD
									126 RVT PC GI	2M641030		0.75
									860 FV CR	2M641040		1.00
									732 FV CR	2M641060		1.50
	8 CYL	5.7 L	5703	348	1958-65	GMC-Canada	104.78	2.00	032 BF PC GI	661	8	STD
								2.00	126 RVT PC GI	661010		0.25
								4.75	860 FV CR	661020		0.50
									732 FV CR	661030		0.75
										661040		1.00
										661060		1.50
									362 BF 3CR GI	2C661	8	STD
									126 RVT PC GI	2C661040		1.00
									860 FV CR			
									732 FV CR			
									327 BF PM GI	2M661	8	STD
									126 RVT PC GI	2M661010		0.25
									860 FV CR	2M661020		0.50
									732 FV CR	2M661030		0.75
										2M661040		1.00
										2M661060		1.50
	6 CYL	5.9 L	5900	360	1969-76	GMC	104.78	2.38	362 BF 3CR GI	2C7124	6	STD
								2.38	126 RVT PC GI			
								2.38	126 RVT PC GI			
								6.35	860 FV CR			
									732 FV CR			
	8 CYL	6.6 L	6555	400	1974-80	GMC	104.78	2.00	032 BF PC GI	661	8	STD
	8 CYL	6.6 L	6588	402	1970-72	GMC		2.00	126 RVT PC GI	661010		0.25
								4.75	860 FV CR	661020		0.50
									732 FV CR	661030		0.75
										661040		1.00
										661060		1.50
									362 BF 3CR GI	2C661	8	STD
									126 RVT PC GI	2C661040		1.00
									860 FV CR			
									732 FV CR			
									327 BF PM GI	2M661	8	STD
									126 RVT PC GI	2M661010		0.25
									860 FV CR	2M661020		0.50
									732 FV CR	2M661030		0.75
										2M661040		1.00
										2M661060		1.50
	8 CYL	7.5 L	7456	455		GMC	104.78	2.00	032 BF PC GI	661	8	STD
								2.00	126 RVT PC GI	661010		0.25
								4.75	860 FV CR	661020		0.50
									732 FV CR	661030		0.75
										661040		1.00
										661060		1.50
									362 BF 3CR GI	2C661	8	STD
									126 RVT PC GI	2C661040		1.00
									860 FV CR			
									732 FV CR			
									327 BF PM GI	2M661	8	STD
									126 RVT PC GI	2M661010		0.25
									860 FV CR	2M661020		0.50
									732 FV CR	2M661030		0.75
										2M661040		1.00
										2M661060		1.50
Vin: A, B, C, D	6 CYL	5.0 L	4998	305	1960-75	GMC 4 Ring Piston	107.95	2.38	032 BF PC GI	6308	6	STD
								2.38	126 RVT PC GI			
								2.38	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
									363 BF CR GI	2C6308	6	STD
									126 RVT PC GI			
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
	6 CYL	5.0 L	4998	305	1960-72	GMC 3 Ring Pistion	107.95	2.38	363 BF CR GI	2C6395	6	STD
								2.38	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-TRUCKS												
	8 CYL	7.0 L	6997	427	1968-94	GMC	107.95	2.38	032 BF PC GI	6606	8	STD
								2.00	126 RVT PC GI	6606060		1.50
								2.00	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C6606	8	STD
									126 RVT PC GI	2C6606020		0.50
									126 RVT PC GI	2C6606030		0.75
									860 FV CR	2C6606040		1.00
									732 FV CR	2C6606060		1.50
									345 T PM GI	2M6606	8	STD
									126 RVT PC GI	2M6606020		0.50
									126 RVT PC GI	2M6606030		0.75
									860 FV CR	2M6606040		1.00
									732 FV CR	2M6606060		1.50
	8 CYL	7.0 L	6997	427	1995-98	GMC Shallow Oil Ring Grv.	107.95	2.00	032 BF PC GI	4929	8	STD
								2.00	126 RVT PC GI	4929010		0.25
								2.00	126 RVT PC GI	4929020		0.50
								4.75	872 FV CR	4929030		0.75
									732 FV CR	4929040		1.00
										4929060		1.50
									363 BF CR GI	2C4929	8	STD
									126 RVT PC GI	2C4929010		0.25
									126 RVT PC GI	2C4929020		0.50
									872 FV CR	2C4929030		0.75
									732 FV CR	2C4929040		1.00
										2C4929060		1.50
									397 BF PM S	2M4929	8	STD
									126 RVT PC GI	2M4929010		0.25
									126 RVT PC GI	2M4929020		0.50
									872 FV CR	2M4929030		0.75
									732 FV CR	2M4929040		1.00
										2M4929060		1.50
	8 CYL	7.4 L	7440	454	1971-90	GMC Deep Oil Ring Grv.	107.95	2.00	032 BF PC GI	683	8	STD
								2.00	126 RVT PC GI	683010		0.25
								4.75	860 FV CR	683020		0.50
									732 FV CR	683030		0.75
										683040		1.00
										683060		1.50
										683080		2.00
										683100		2.50
									363 BF CR GI	2C683	8	STD
									126 RVT PC GI	2C683010		0.25
									860 FV CR	2C683020		0.50
									732 FV CR	2C683030		0.75
										2C683040		1.00
										2C683060		1.50
									397 BF PM S	2M683	8	STD
									126 RVT PC GI	2M683010		0.25
									860 FV CR	2M683020		0.50
									732 FV CR	2M683030		0.75
										2M683040		1.00
										2M683060		1.50
										2M683070		1.75
										2M683080		2.00
										2M683100		2.50
Vin:B, J, N	8 CYL	7.4 L	7440	454	1991-00	GMC Shallow Oil Ring Grv.	107.95	2.00	032 BF PC GI	4718	8	STD
								2.00	126 RVT PC GI	4718010		0.25
								4.75	872 FV CR	4718020		0.50
									732 FV CR	4718030		0.75
										4718040		1.00
										4718060		1.50
									363 BF CR GI	2C4718	8	STD
									126 RVT PC GI	2C4718010		0.25
									872 FV CR	2C4718020		0.50
									732 FV CR	2C4718030		0.75
										2C4718040		1.00
										2C4718060		1.50
									397 BF PM S	2M4718	8	STD
									126 RVT PC GI	2M4718010		0.25
									872 FV CR	2M4718020		0.50
									732 FV CR	2M4718030		0.75
										2M4718040		1.00
										2M4718060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-TRUCKS												
	8 CYL	7.4 L	7440	454	1970-90	GMC	107.95	2.38	032 BF PC GI	6606	8	STD
								2.00	126 RVT PC GI	6606060		1.50
								2.00	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C6606	8	STD
									126 RVT PC GI	2C6606020		0.50
									126 RVT PC GI	2C6606030		0.75
									860 FV CR	2C6606040		1.00
									732 FV CR	2C6606060		1.50
									345 T PM GI	2M6606	8	STD
									126 RVT PC GI	2M6606020		0.50
									126 RVT PC GI	2M6606030		0.75
									860 FV CR	2M6606040		1.00
									732 FV CR	2M6606060		1.50
Vin: G,K,L,M	8 CYL	8.1 L	8128	496	2001-07	GMC V-8	107.95	2.00	032 BF PC GI	5085	8	STD
								2.00	126 RVT PC GI	5085010		0.25
								4.00	872 FV CR	5085020		0.50
									732 FV CR	5085030		0.75
										5085040		1.00
										5085060		1.50
									363 BF CR GI	2C5085	8	STD
									126 RVT PC GI	2C5085020		0.50
									872 FV CR	2C5085030		0.75
									732 FV CR	2C5085040		1.00
										2C5085060		1.50
									397 BF PM S	2M5085	8	STD
									126 RVT PC GI	2M5085010		0.25
									872 FV CR	2M5085020		0.50
									732 FV CR	2M5085030		0.75
										2M5085040		1.00
										2M5085060		1.50
	8 CYL	6.7 L	6702	409	1962-65	GMC	109.54	2.00	032 BF PC GI	645	8	STD
								2.00	126 RVT PC GI	645030		0.75
								4.75	860 FV CR	645040		1.00
									732 FV CR	645060		1.50
									362 BF 3CR GI	2C645	8	STD
									126 RVT PC GI	2C645030		0.75
									860 FV CR			
									732 FV CR			
									327 BF PM GI	2M645	8	STD
									126 RVT PC GI	2M645030		0.75
									860 FV CR	2M645040		1.00
									732 FV CR	2M645060		1.50
	8 CYL	8.2 L	8226	502	1988-95	H.O.	113.47	2.00	336 T PM DI	2M4727	8	STD
								1.50	126 RVT PC GI	2M4727005		0.13
								4.00	872 FV CR	2M4727030		0.75
									732 FV CR	2M4727060		1.50
	6 CYL	8.6 L	8600	525		GMC	114.30	3.18	363 BF CR GI	2C4056	6	STD
								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
HANOMAG												
OM 314.915	4 CYL	3.8 L	3780			F-SERIE	97.000	3.000	227 FKST CR DI	2D4512	2	STD
						Diesel Eng.		3.000	035 TF PC GI	2D451250		0.50
								3.000	035 TF PC GI	2D4512100		1.00
								5.500	553 2PCO CR GI			
OM 352.917, OM 353.916, OM 353.917	6 CYL	5.7 L	5675			F-SERIE	97.000	3.000	227 FKST CR DI	2D4512	2	STD
						Diesel Eng.		3.000	035 TF PC GI	2D451250		0.50
								3.000	035 TF PC GI	2D4512100		1.00
								5.500	553 2PCO CR GI			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
HARLEY-DAVIDSON												
	2 CYL		737	45	1950-65	Side Valve G, GE, K, KH	69.72	1.60	102 T PC GI	4244	2	STD
			901	55	1950-65			1.60	102 T PC GI	4244010		0.25
								4.75	871 FV CR	4244020		0.50
									732 FV CR	4244030		0.75
	2 CYL		737	45	1937-55	45 Side Valve D Ser.	69.72	2.38	102 T PC GI	5044	2	STD
						G, GA, W Ser.		2.38	102 T PC GI	5044010		0.25
								3.18	501 1PCO PC GI	5044020		0.50
										5044030		0.75
										5044040		1.00
										5044050		1.25
										5044070		1.75
	1 CYL				1963-73	D, DC, DF, D4	69.85	1.60	022 ST PC GI	4359	1	STD
								1.60	022 ST PC GI			
								1.60	022 ST PC GI			
OHV	2 CYL		900		1957-71	XL, XLCH, XLH Sportster	76.20	1.60	102 T PC GI	6457	2	STD
								1.60	102 T PC GI			
								4.75	860 FV CR			
									732 FV CR			
	1 CYL				1986-On	XL883	76.20	1.50	334 BF PM DI	2M6198	1	STD
								1.50	126 RVT PC GI	2M6198005		0.13
								2.80	861 FV CR	2M6198010		0.25
									732 FV CR			
	2 CYL					Models using Wiseco Piston,	80.96	1.60	327 BF PM GI	2M4915	1	STD
						3 3/16" Bore		1.60	126 RVT PC GI	2M4915010		0.25
						3 Ring Piston		4.00	860 FV CR	2M4915020		0.50
									732 FV CR	2M4915030		0.75
										2M4915040		1.00
	1 CYL					Models using Axtell Cyl.	80.96	1.60	102 T PC GI	6948	1	STD
						3 3/16" Bore		4.00	860 FV CR			
						2 Ring Piston			732 FV CR			
	1 CYL					Models using Axtell Cyl.	80.96	1.60	102 T PC GI	6953	1	STD
						3 3/16" Bore		1.60	102 T PC GI	6953020		0.50
						3 Ring Piston		4.00	860 FV CR	6953030		0.75
									732 FV CR	6953040		1.00
	2 CYL		1000		1983-85	XL, XR	80.96	1.60	032 BF PC GI	6166	2	STD
								1.60	126 RVT PC GI	6166010		0.25
								4.00	056 FV CR	6166020		0.50
									732 FV CR	6166030		0.75
										6166040		1.00
										6166060		1.50
										6166070		1.75
									327 BF PM GI	2M6166	2	STD
									126 RVT PC GI	2M6166010		0.25
									056 FV CR	2M6166020		0.50
									732 FV CR	2M6166030		0.75
										2M6166040		1.00
										2M6166060		1.50
										2M6166070		1.75
Sportster OHV	2 CYL		1000		1972-85	XL, XLCH, XLH	80.96	1.60	102 T PC GI	7003	2	STD
								1.60	102 T PC GI	7003010		0.25
								4.75	860 FV CR	7003020		0.50
									732 FV CR	7003030		0.75
										7003040		1.00
										7003050		1.25
										7003060		1.50
										7003070		1.75
									327 BF PM GI	2M7003	2	STD
									126 RVT PC GI	2M7003010		0.25
									860 FV CR	2M7003020		0.50
									732 FV CR	2M7003030		0.75
										2M7003040		1.00
										2M7003050		1.25
										2M7003060		1.50
										2M7003070		1.75
	1 CYL					Models using Axtell Cyl.	82.55	1.60	102 T PC GI	6949	1	STD
						3 1/4" Bore		4.00	860 FV CR			
						2 Ring Piston			732 FV CR			
	1 CYL					Models using Axtell Cyl.	82.55	1.60	102 T PC GI	6954	1	STD
						3 1/4" Bore		1.60	102 T PC GI			
						3 Ring Piston		4.00	056 FV CR			
									732 FV CR			
	1 CYL					Models using Axtell Cyl.	84.14	1.60	102 T PC GI	6950	1	STD
						3 5/16" Bore		4.00	860 FV CR			
						2 Ring Piston			732 FV CR			
	1 CYL					Models using Axtell Cyl.	84.14	1.60	102 T PC GI	6955	1	STD
						3 5/16" Bore		1.60	102 T PC GI	6955040		1.00
						3 Ring Piston		4.00	860 FV CR			
									732 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
HARLEY-DAVIDSON												
OHV	2 CYL		1000	61	1948-52	Knuckle Head E, EL	84.14	2.38	032 BF PC GI	6627	1	STD
								2.38	126 RVT PC GI	6627030		0.75
								4.75	860 FV CR			
									732 FV CR			
	2 CYL		1000	61	1948-52	Knuckle Head	84.15	1.60	102 T PC GI	7024	2	STD
								1.60	102 T PC GI			
								4.75	860 FV CR			
									732 FV CR			
	2 CYL					Models using Wiseco Piston,	87.31	1.60	327 BF PM GI	2M4916	1	STD
						3 7/16" Bore		1.60	126 RVT PC GI	2M4916010		0.25
						3 Ring Piston		4.00	860 FV CR	2M4916020		0.50
									732 FV CR			
OHV	2 CYL		1200		1955-80	Electra Glide FL, FLH, FXE	87.31	1.60	032 BF PC GI	4609	2	STD
						All Cast Iron Rings		1.60	126 RVT PC GI	4609010		0.25
								4.75	501 1PCO PC GI	4609020		0.50
										4609030		0.75
										4609040		1.00
										4609050		1.25
										4609060		1.50
										4609070		1.75
										4609080		2.00
	2 CYL		1200		1948-64	74, F, FL, FLE	87.31	2.38	032 BF PC GI	5193	2	STD
								2.38	126 RVT PC GI	5193020		0.50
								4.75	501 1PCO PC GI	5193040		1.00
										5193060		1.50
									362 BF 3CR GI	2C5193	2	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
OHV	2 CYL		1200	74	1955-80	FL, FLH, FXE Electra Glide	87.31	1.60	032 BF PC GI	6482	2	STD
	2 CYL		1200	74	1948-78	FL, FLH, FX, FXE		1.60	126 RVT PC GI	6482010		0.25
						Pan/Shovel Head		4.75	860 FV CR	6482020		0.50
									732 FV CR	6482030		0.75
										6482040		1.00
										6482050		1.25
										6482060		1.50
										6482070		1.75
										6482080		2.00
									327 BF PM GI	2M6482	2	STD
									126 RVT PC GI	2M6482005		0.13
									860 FV CR	2M6482010		0.25
									732 FV CR	2M6482020		0.50
										2M6482030		0.75
										2M6482040		1.00
										2M6482050		1.25
										2M6482060		1.50
										2M6482070		1.75
										2M6482080		2.00
										2M6482090		2.25
	2 CYL		1200		1983-On	XL & Late Shovel Head	88.84	1.60	032 BF PC GI	6164	2	STD
						Sportster		1.60	126 RVT PC GI	6164005		0.13
Evolution Eng.	2 CYL		1340	80	1983-On			4.00	860 FV CR	6164010		0.25
									732 FV CR	6164020		0.50
										6164030		0.75
										6164040		1.00
									327 BF PM GI	2M6164	2	STD
									126 RVT PC GI	2M6164005		0.13
									860 FV CR	2M6164010		0.25
									732 FV CR	2M6164020		0.50
										2M6164030		0.75
										2M6164040		1.00
	2 CYL	1.2 L	1200		2004-On	Sportster	88.84	1.20	397 BF PM S	2M5069	1	STD
						Buell		1.50	126 RVT PC GI			
								2.50	872 FV CR			
									005 FV CR			
	2 CYL					Models using Wiseco Piston	88.85	1.60	327 BF PM GI	2M4917	1	STD
						3.498 Bore		1.60	126 RVT PC GI	2M4917005		0.13
						3 Ring Piston		4.00	860 FV CR	2M4917010		0.25
									732 FV CR	2M4917020		0.50
										2M4917030		0.75
										2M4917040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
HARLEY-DAVIDSON												
	2 CYL		1340	80	1978-83	FL, FX Shovel Head	88.85	1.60	032 BF PC GI	6127	2	STD
								1.60	126 RVT PC GI	6127010		0.25
								4.75	860 FV CR	6127020		0.50
									732 FV CR	6127030		0.75
										6127040		1.00
										6127050		1.25
										6127060		1.50
										6127070		1.75
									327 BF PM GI	2M6127	2	STD
									126 RVT PC GI	2M6127005		0.13
									860 FV CR	2M6127010		0.25
									732 FV CR	2M6127020		0.50
										2M6127030		0.75
										2M6127040		1.00
	1 CYL					Models using Axtell Cyl. 3 1/2" Bore 3 Ring Piston	88.90	1.60	102 T PC GI	7002	1	STD
								1.60	102 T PC GI			
								4.00	056 FV CR			
									732 FV CR			
	1 CYL					Models using Axtell Cyl. 3 9/16" Bore 3 Ring Piston	90.49	1.60	102 T PC GI	7001	1	STD
								1.60	102 T PC GI			
								4.00	056 FV CR			
									732 FV CR			
	1 CYL					Stroker Kit w/1/16 Comp. Rings	92.08	1.60	327 BF PM GI	2M5721	1	STD
								1.60	126 RVT PC GI	2M5721020		0.50
								4.75	860 FV CR			
									732 FV CR			
	1 CYL					Stroker Kit w/5/64 Comp. Rings	92.08	2.00	327 BF PM GI	2M5722	1	STD
								2.00	126 RVT PC GI	2M5722030		0.75
								4.75	860 FV CR	2M5722040		1.00
									732 FV CR			
	1 CYL					Models using Axtell Cyl. 3 5/8" Bore 3 Ring Piston	92.08	1.60	327 BF PM GI	2M6958	1	STD
								1.60	126 RVT PC GI	2M6958005		0.13
								4.00	860 FV CR			
									732 FV CR			
Twin Cam 88	1 CYL		1450		1998-On		95.25	1.50	337 BF PM DI	2M4942	2	STD
								1.50	126 RVT PC GI	2M4942005		0.13
								3.00	872 FV CR	2M4942010		0.25
									732 FV CR	2M4942020		0.50
										2M4942030		0.75
JED	2 CYL		1584	96	2007-On		95.25	1.50	337 BF PM DI	2M4805	2	STD
								1.50	126 RVT PC GI	2M4805005		0.13
								2.50	872 FV CR	2M4805010		0.25
									732 FV CR			
100 Big Twin	2 CYL					Models using Custom Chrome Piston w/5/32 oil grv.	96.84	1.60	327 BF PM GI	2M4950	1	STD
								1.60	126 RVT PC GI	2M4950005		0.13
								4.00	860 FV CR	2M4950010		0.25
									732 FV CR	2M4950020		0.50
										2M4950030		0.75
100 Big Twin	2 CYL					Models using Silvolite Piston w/3/16" oil grv.	96.84	1.60	327 BF PM GI	2M4953	1	STD
								1.60	126 RVT PC GI	2M4953010		0.25
								4.75	860 FV CR	2M4953020		0.50
									732 FV CR	2M4953030		0.75
	2 CYL					Models using KB Piston	98.43	1.60	327 BF PM GI	2M4985	2	STD
								1.60	126 RVT PC GI	2M4985010		0.25
								4.75	860 FV CR	2M4985030		0.75
									732 FV CR			
Twin Cam 88	2 CYL		1690		1998-On	Big Bore Kit	98.43	1.50	337 BF PM DI	2M4941	2	STD
								1.50	126 RVT PC GI	2M4941005		0.13
								2.50	872 FV CR	2M4941010		0.25
									005 FV CR	2M4941020		0.50
										2M4941030		0.75
										2M4941040		1.00
Twin Cam 88	2 CYL					Model using Custom Chrome Piston	101.60	1.50	327 BF PM GI	2M5080	1	STD
								1.50	126 RVT PC GI	2M5080005		0.13
								2.50	872 FV CR	2M5080010		0.25
									732 FV CR	2M5080020		0.50
	2 CYL		1800	110	2007-14	Twin Cam w/CVO models	101.60	1.20	397 BF PM S	2M5299	2	STD
								1.20	406 N PC DI	2M5299005		0.13
								2.50	872 FV CR	2M5299010		0.25
									732 FV CR	2M5299020		0.50
	2 CYL	1.9 L	1852	113	2005-On	Also KB pistons	103.12	1.50	337 BF PM DI	2M5153	1	STD
								1.50	126 RVT PC GI	2M5153005		0.13
								2.50	872 FV CR	2M5153010		0.25
									732 FV CR			
Twin Cam 88	2 CYL		1753	107		Model using	104.78	1.50	336 T PM DI	2M5157	2	STD
Twin Cam 96			1917	117		United Eng. Piston		1.50	126 RVT PC GI	2M5157005		0.13
								3.00	621 FV CR	2M5157030		0.75
									005 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
HARLEY-DAVIDSON												
	2 CYL					V-Twin big bore Model using Mid West Pistons	107.95	1.50 1.50 3.00	336 T PM DI 126 RVT PC GI 872 FV CR 005 FV CR	2M5206 2M5206005 2M5206010 2M5206020 2M5206030	2	STD 0.13 0.25 0.50 0.75
HERCULES												
ZXB	4 CYL						66.68	2.38 2.38 4.75	102 T PC GI 126 RVT PC GI 871 FV CR 732 FV CR	7859	4	STD
									362 BF 3CR GI 126 RVT PC GI 871 FV CR 732 FV CR	2C7859 2C7859020 2C7859030 2C7859040	4	STD 0.50 0.75 1.00
JX, QXB, QXB2, QXB3, QXB5, QXB5C	6 CYL						82.55	3.18 3.18 3.18 4.75	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	4072 4072020 4072060	6	STD 0.50 1.50
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4072	6	STD
IXB, IXBC, IXB3, IXB5	4 CYL						82.55	3.18 3.18 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5060 5060020 5060030 5060060	4	STD 0.50 0.75 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5060	4	STD
IXB, IXB3	4 CYL						82.55	2.38 3.18 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6022	4	STD
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6022	4	STD
NXB	2 CYL						82.55	3.18 3.18 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7843	2	STD
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7843	2	STD
QXD, QXLD, QXLDM	6 CYL					Marine	87.31	2.38 3.18 4.75	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4878	6	STD
QXD5MM, QXLD, QXLD3, QXLD5, WQXD5MC	6 CYL						87.31	2.38 2.38 4.75	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5127	6	STD
QXD, QXD3, QXD5, QXLD	6 CYL						87.31	2.38 3.18 4.75 4.75	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C5263	6	STD
GO130 GO173 GO260	3 CYL 4 CYL 6 CYL						88.90	2.38 3.18 4.75 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	6130	1	STD
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C6130	1	STD
JXB, JXBM, P4	6 CYL						92.08	3.18 3.18 3.18 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4008	6	STD

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
HERCULES												
CU, CU2	4 CYL						95.25	4.75	362 BF 3CR GI	2C712	4	STD
								4.75	126 RVT PC GI			
								4.75	126 RVT PC GI			
								4.75	871 FV CR			
									732 FV CR			
G149, G150D,	3 CYL						95.25	2.38	363 BF CR GI	2C6581	1	STD
GO130H, GO149								3.18	126 RVT PC GI			
DD198, G198,	4 CYL							4.75	860 FV CR			
G200D, GO198									732 FV CR			
GO298, JXLC	6 CYL							4.75	501 1PCO PC GI			
D298ERT	6 CYL					Zollner Piston #1536	95.25	3.18	372 FKST CR DI	2C6910	6	STD
								3.18	170 FKST PC GI			
								2.38	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
JX4C, OOB	4 CYL						95.25	3.18	362 BF 3CR GI	2C7669	4	STD
								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
G1400	4 CYL	2.3 L	2311	141			98.43	2.38	032 BF PC GI	6353	4	STD
								2.38	126 RVT PC GI	6353010		0.25
								4.75	860 FV CR	6353020		0.50
									732 FV CR	6353030		0.75
										6353040		1.00
										6353060		1.50
									362 BF 3CR GI	2C6353	4	STD
									126 RVT PC GI	2C6353010		0.25
									860 FV CR	2C6353020		0.50
									732 FV CR	2C6353030		0.75
										2C6353040		1.00
										2C6353060		1.50
JX4D	4 CYL					4 Ring Piston	101.60	3.18	362 BF 3CR GI	2C702	4	STD
OHC, OOC								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
JXD, JXDF, JXDT,	6 CYL						101.60	3.18	363 BF CR GI	2C4007	6	STD
JXDTR, WXC,								3.18	126 RVT PC GI			
WXG, WXH,								3.18	126 RVT PC GI			
WXHC, WXLC								4.75	860 FV CR			
									732 FV CR			
G339, G3400, JXD,	6 CYL						101.60	2.38	363 BF CR GI	2C4231	6	STD
JXLD, JXLDF								3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
								4.75	501 1PCO PC GI			
G2300, G3400, JXDM	6 CYL					Use 2/3 set of	101.60	2.38	362 BF 3CR GI	2C5213	6	STD
						6 Cyl. for 4 Cyl.		3.18	126 RVT PC GI	2C5213040		1.00
								4.75	860 FV CR			
									732 FV CR			
D1700	3 CYL					Diesel Eng	101.60	3.18	372 FKST CR DI	2C5622	1	STD
D2300	4 CYL							2.38	126 RVT PC GI	2C5622020		0.50
D3400	6 CYL							4.75	860 FV CR	2C5622040		1.00
									732 FV CR			
G1700, GO169,	3 CYL						101.60	2.38	362 BF 3CR GI	2C6288	1	STD
GO3-169								3.18	126 RVT PC GI			
GO226, JX4L-D3,	4 CYL							4.75	860 FV CR			
GO4-226, JX4D									732 FV CR			
GO6-339, JXDT	6 CYL							4.75	501 1PCO PC GI			
G1404, G1600	4 CYL	2.7 L	2671	163			101.60	2.00	362 BF 3CR GI	2C4389	4	STD
								2.00	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
L, LC, LP, MU3	4 CYL						114.30	4.75	362 BF 3CR GI	2C4157	4	STD
								4.75	102 T PC GI			
								4.75	401 SCRP PC GI			
								4.75	860 FV CR			
									732 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
HONDA												
EB2	4 CYL	1.2 L	1237		1972-78	Civic	72.00	1.50	032 BF PC GI	6116	4	STD
								1.50	126 RVT PC GI	6116010		0.25
								2.80	859 FV CR	6116020		0.50
									732 FV CR	6116030		0.75
										6116040		1.00
										6116060		1.50
									362 BF 3CR GI	2C6116		STD
									126 RVT PC GI	2C6116010		0.25
									859 FV CR	2C6116020		0.50
									732 FV CR	2C6116030		0.75
										2C6116040		1.00
										2C6116060		1.50
EB-3, EE,	4 CYL	1.2 L	1237		1978-81	Civic	72.00	1.50	032 BF PC GI	6131	4	STD
								1.50	126 RVT PC GI	6131010		0.25
								4.00	058 FV CR	6131020		0.50
									732 FV CR	6131030		0.75
										6131040		1.00
										6131060		1.50
									362 BF 3CR GI	2C6131	4	STD
									126 RVT PC GI	2C6131010		0.25
									058 FV CR	2C6131020		0.50
									732 FV CR	2C6131030		0.75
										2C6131040		1.00
										2C6131060		1.50
	4 CYL	1.3 L	1250			Civic	72.00	1.50	032 BF PC GI	6116	4	STD
								1.50	126 RVT PC GI	6116010		0.25
								2.80	859 FV CR	6116020		0.50
									732 FV CR	6116030		0.75
										6116040		1.00
										6116060		1.50
									362 BF 3CR GI	2C6116		STD
									126 RVT PC GI	2C6116010		0.25
									859 FV CR	2C6116020		0.50
									732 FV CR	2C6116030		0.75
										2C6116040		1.00
										2C6116060		1.50
EJ1, EN1	4 CYL	1.3 L	1335		1980-82	Civic, Civic DX	72.00	1.50	032 BF PC GI	6131	4	STD
								1.50	126 RVT PC GI	6131010		0.25
								4.00	058 FV CR	6131020		0.50
									732 FV CR	6131030		0.75
										6131040		1.00
										6131060		1.50
									362 BF 3CR GI	2C6131	4	STD
									126 RVT PC GI	2C6131010		0.25
									058 FV CR	2C6131020		0.50
									732 FV CR	2C6131030		0.75
										2C6131040		1.00
										2C6131060		1.50
EJZ	4 CYL	1.3 L	1335		1982-83	Civic	72.00	1.00	398 BF CR S	2C6174	4	STD
								1.20	126 RVT PC GI	2C6174020		0.50
								2.80	859 FV CR	2C6174030		0.75
									732 FV CR	2C6174040		1.00
										2C6174060		1.50
LDA-MF3 SOHC	4 CYL	1.3 L	1339		2006-13	Civic Hybrid, Insight Gas/Electric	73.00	1.00 1.00 1.50	398 BF CR S 123 RVT PC DI 981 FV CR 005 FV CR	2C5723	4	STD
L13A1,L13A3,L13A8 LDA1 / 2 SOHC	4 CYL	1.3 L	1339		2002-13	Civic Hybrid w/VTECH	73.00	1.00 1.20 2.00	398 BF CR S 610 RVT PC GI 990 FV CR 732 FV CR	2C5253 2C5253020 2C5253030 2C5253040	4	STD 0.50 0.75 1.00
L15A1 SOHC	4 CYL	1.5 L	1497		2007-13		73.00	1.00 1.20 2.00	398 BF CR S 610 RVT PC GI 990 FV CR 732 FV CR	2C5253 2C5253020 2C5253030 2C5253040	4	STD 0.50 0.75 1.00
D15A2, EJ2, EW1, HF	4 CYL	1.5 L	1488		1985-91	Civic, CR-X	74.00	1.00 1.20 2.80	398 BF CR S 126 RVT PC GI 859 FV CR 732 FV CR	2C4363 2C4363020 2C4363030 2C4363040	4	STD 0.50 0.75 1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
HONDA												
EC	4 CYL	1.5 L	1488		1975-79	Civic	74.00	1.50	032 BF PC GI	4435	4	STD
								1.50	126 RVT PC GI	4435010		0.25
								2.80	859 FV CR	4435020		0.50
									732 FV CR	4435030		0.75
										4435040		1.00
									362 BF 3CR GI	2C4435	4	STD
									126 RVT PC GI	2C4435010		0.25
									859 FV CR	2C4435020		0.50
									732 FV CR	2C4435030		0.75
										2C4435040		1.00
D15A2, EM1	4 CYL	1.5 L	1488		1983-87	Excl. HF, EW1	74.00	1.20	398 BF CR S	2C6173	4	STD
								1.20	126 RVT PC GI	2C6173010		0.25
								2.80	996 FV CR	2C6173020		0.50
									732 FV CR	2C6173030		0.75
										2C6173040		1.00
EM	4 CYL	1.5 L	1488		1976-78	Ballade, Civic CVCC	74.00	1.50	032 BF PC GI	4396	4	STD
								1.50	126 RVT PC GI	4396010		0.25
								4.00	058 FV CR	4396020		0.50
									732 FV CR	4396030		0.75
										4396040		1.00
										4396060		1.50
									362 BF 3CR GI	2C4396	4	STD
									126 RVT PC GI	2C4396010		0.25
									058 FV CR	2C4396020		0.50
									732 FV CR	2C4396030		0.75
										2C4396040		1.00
										2C4396060		1.50
									327 BF PM GI	2M4396	4	STD
									126 RVT PC GI	2M4396020		0.50
									058 FV CR	2M4396030		0.75
									732 FV CR	2M4396040		1.00
										2M4396060		1.50
EF	4 CYL	1.6 L	1599		1980-85	Accord	74.00	1.50	032 BF PC GI	4396	4	STD
								1.50	126 RVT PC GI	4396010		0.25
								4.00	058 FV CR	4396020		0.50
									732 FV CR	4396030		0.75
										4396040		1.00
										4396060		1.50
									362 BF 3CR GI	2C4396	4	STD
									126 RVT PC GI	2C4396010		0.25
									058 FV CR	2C4396020		0.50
									732 FV CR	2C4396030		0.75
										2C4396040		1.00
										2C4396060		1.50
									327 BF PM GI	2M4396	4	STD
									126 RVT PC GI	2M4396020		0.50
									058 FV CR	2M4396030		0.75
									732 FV CR	2M4396040		1.00
										2M4396060		1.50
D15B1/B2	4 CYL	1.5 L	1493		1988-95	CRX, Civic	75.00	1.20	398 BF CR S	2C4640	4	STD
D15B7/B8						Del Sol		1.50	435 SCRP PC GI	2C4640010		0.25
								2.80	859 FV CR	2C4640020		0.50
									732 FV CR	2C4640030		0.75
										2C4640040		1.00
										2C4640060		1.50
D15B8, D15Z1	4 CYL	1.5 L	1493		1992-96	Civic CX, VX, Vei	75.00	1.20	398 BF CR S	2C4962	4	STD
								1.50	435 SCRP PC GI	2C4962020		0.50
								3.00	054 FV CR	2C4962030		0.75
									732 FV CR	2C4962040		1.00
D15B6, D15Z1	4 CYL	1.5 L	1493		1996-98	8 Valve	75.00	1.00	398 BF CR S	2C4690	4	STD
						Deep Oil Grv.		1.20	126 RVT PC GI	2C4690010		0.25
								2.80	859 FV CR	2C4690020		0.50
									732 FV CR	2C4690030		0.75
										2C4690040		1.00
D16Y8	4 CYL	1.6 L	1590		1999-On	Civic, Del Sol Si	75.00	1.00	398 BF CR S	2C4974	4	STD
SOHC						V-TEC		1.20	126 RVT PC GI	2C4974020		0.50
						w/ shallow Oil Grv.		2.80	996 FV CR	2C4974030		0.75
									732 FV CR	2C4974040		1.00
D16Z6	4 CYL	1.6 L	1590		1989-97	Civic, Civic Ex,	75.00	1.20	398 BF CR S	2C4640	4	STD
D16A6/A7						Del Sol Si		1.50	435 SCRP PC GI	2C4640010		0.25
								2.80	859 FV CR	2C4640020		0.50
									732 FV CR	2C4640030		0.75
										2C4640040		1.00
										2C4640060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
HONDA												
D16Y7, D16Y8, D16B5	4 CYL	1.6 L	1590		1988-95	Deep Oil Grv.	75.00	1.00	398 BF CR S	2C4690	4	STD
								1.20	126 RVT PC GI	2C4690010		0.25
								2.80	859 FV CR	2C4690020		0.50
									732 FV CR	2C4690030		0.75
										2C4690040		1.00
	4 CYL	1.6 L	1600			KA200 Civic	75.00	1.20	398 BF CR S	2C4631	4	STD
								1.50	435 SCRP PC GI	2C4631020		0.50
								4.00	058 FV CR	2C4631030		0.75
									732 FV CR	2C4631040		1.00
									322 BF GN SS	2N4631	4	STD
									435 SCRP PC GI	2N463150		0.50
									058 FV CR			
									732 FV CR			
D17A1, D17A2, D17A6 SOHC	4 CYL	1.7 L	1668		2001-05	Civic DX, EX, HX L4 V-TEC	75.00	1.00	398 BF CR S	2C5111	4	STD
								1.20	126 RVT PC GI	2C5111010		0.25
								2.00	993 FV CR	2C5111020		0.50
									005 FV CR	2C5111030		0.75
										2C5111040		1.00
EK1, EL1	4 CYL	1.8 L	1751		1979-83	Eord, Prelude	77.00	1.50	032 BF PC GI	6134	4	STD
								1.50	401 SCRP PC GI	6134010		0.25
								4.00	058 FV CR	6134020		0.50
									732 FV CR	6134024		0.60
										6134030		0.75
										6134032		0.80
										6134040		1.00
										6134060		1.50
									363 BF CR GI	2C6134	4	STD
									401 SCRP PC GI	2C6134010		0.25
									058 FV CR	2C6134020		0.50
									732 FV CR	2C6134030		0.75
										2C6134040		1.00
A18A1 ES1, ES2 ES3, ET2	4 CYL	1.8 L	1829		1983-87	Prelude DX Accord Sei	80.00	1.50	102 T PC GI	6177	4	STD
								1.50	126 RVT PC GI	6177020		0.50
								4.00	056 FV CR	6177030		0.75
									732 FV CR	6177040		1.00
									363 BF CR GI	2C6177	4	STD
									126 RVT PC GI	2C6177020		0.50
									056 FV CR	2C6177030		0.75
									732 FV CR	2C6177040		1.00
B16A2 DOHC	4 CYL	1.6 L	1590		1993-99	Civic EDM, Del Sol Si V-TEC	81.00	1.00	398 BF CR S	2C4666	4	STD
								1.20	126 RVT PC GI	2C4666010		0.25
								2.80	861 FV CR	2C4666020		0.50
									732 FV CR	2C4666030		0.75
										2C4666040		1.00
R18A1, R18Z9 SOHC	4 CYL	1.8 L	1799		2006-16	Civic, HR-V	81.00	1.20	398 BF CR S	2C4850	4	STD
								1.20	126 RVT PC GI	2C4850010		0.25
								2.00	993 FV CR	2C4850020		0.50
									005 FV CR	2C4850030		0.75
										2C4850040		1.00
B20A3, B20A5	4 CYL	2.0 L	1958		1988-93	Prelude	81.00	1.20	398 BF CR S	2C4658	4	STD
								1.50	126 RVT PC GI	2C4658020		0.50
								2.80	861 FV CR	2C4658030		0.75
									732 FV CR	2C4658040		1.00
A20A, BS, BT SOHC	4 CYL	2.0 L	1955		1985-89	Accords, Preludes	82.70	1.50	362 BF 3CR GI	2C4499	4	STD
								1.50	126 RVT PC GI	2C4499020		0.50
								4.00	058 FV CR	2C4499030		0.75
									732 FV CR	2C4499040		1.00
									327 BF PM GI	2M4499	4	STD
									126 RVT PC GI	2M4499020		0.50
									058 FV CR	2M4499030		0.75
									732 FV CR	2M4499040		1.00
B21A1	4 CYL	2.1 L	2056		1990-91	Prelude 16 Valve	83.00	1.20	398 BF CR S	2C4739	4	STD
								1.20	126 RVT PC GI	2C4739010		0.25
								2.80	861 FV CR	2C4739020		0.50
									732 FV CR	2C4739030		0.75
										2C4739040		1.00
B20B4, B20Z2 DOHC	4 CYL	2.0 L	1972		1997-02	CRV	84.00	1.20	398 BF CR S	2C4973	4	STD
								1.20	126 RVT PC GI	2C4973010		0.25
								2.80	997 FV CR	2C4973020		0.50
									732 FV CR	2C4973030		0.75
										2C4973040		1.00
									326 TBF GN SS	2N4973	4	STD
									126 RVT PC GI			
									997 FV CR			
									732 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
HONDA												
20T2N, 20T2R	4 CYL	2.0 L	1994		1996-02	Accord, Civic Diesel Eng	84.45	3.00 2.00 3.00	378 FKST BF CC DI 406 N PC DI 553 CF CR GI 881 2PCO	2D7803 2D780350	1	STD 0.50
F22A1, F22A4, F22B2, F22B1	4 CYL	2.2 L	2156		1990-97	Accord	85.00	1.20 1.20 2.80	398 BF CR S 126 RVT PC GI 861 FV CR 732 FV CR	2C4654 2C4654010 2C4654020 2C4654030 2C4654040	4	STD 0.25 0.50 0.75 1.00
N22A1, N22A2 DOHC	4 CYL	2.2 L	2204		2004-On	Accord, Civic, CR-V Turbo Diesel	85.00	2.50 1.50 2.00	274 FKST BF SS GI 406 N PC DI 203 CF GN SS 881 2PCO	2D7811	4	STD
N22A1, N22A2 DOHC	4 CYL	2.2 L	2204			Turbo Diesel w/2 pc oil ring	85.00	2.00 2.00 3.00	225 FKST CR DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2C7425	1	STD
K20A1, K20A3, K20Z3 DOHC	4 CYL	2.0 L	1998		2002-11	Civic, RSX I-VTECH	86.00	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C5089 2C5089010 2C5089020 2C5089030 2C5089040	4	STD 0.25 0.50 0.75 1.00
F23A1, F23A4, F23A7	4 CYL	2.3 L	2254		1998-02	Accord LX, EX, SE, LEV ULEV, Odyssey	86.00	1.20 1.20 2.80	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4969 2C4969020 2C4969030 2C4969040	4	STD 0.50 0.75 1.00
J30A1, JNA1,J30A4 SOHC	6 CYL	3.0 L	3000		1997-07	Accord, Avancier Odyssey	86.00	1.20 1.20 2.80	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4971 2C4971020 2C4971030 2C4971040	6	STD 0.50 0.75 1.00
H22A4	4 CYL	2.2 L	2156		1997-02	Prelude	87.00	1.20 1.20 2.80	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4767 2C4767010 2C4767020 2C4767030 2C4767040 2C4767060	4	STD 0.25 0.50 0.75 1.00 1.50
H22A4, H23A1	4 CYL	2.3 L	2259		1992-00		87.00	1.20 1.20 2.80	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4767 2C4767010 2C4767020 2C4767030 2C4767040 2C4767060	4	STD 0.25 0.50 0.75 1.00 1.50
K24Z7	4 CYL	2.4 L	2354		2013-14	Civic	87.00	1.20 1.00 2.00	398 BF CR S 123 RVT PC DI 993 FV CR 005 FV CR	2C4122 2C4122020 2C4122030	4	STD 0.50 0.75
PL2, C27A1	6 CYL	2.7 L	2675		1987-97	Accord	87.00	1.20 1.20 4.00	398 BF CR S 126 RVT PC GI 058 FV CR 732 FV CR	2C4645 2C4645020 2C4645030 2C4645040	6	STD 0.50 0.75 1.00
J35A6, J35A7, J35A9, J35Y1, J35Y2 J35Z1, J35Z4, J35Z5, J35Z8	6 CYL	3.5 L	3471		1999-17	Odyssey	89.00	1.20 1.20 2.80	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4972 2C4972020 2C4972030 2C4972040	6	STD 0.50 0.75 1.00
4ZE1 Isuzu Eng.	4 CYL	2.6 L	2559		1996-97	Passport	92.60	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 870 FV CR 732 FV CR	4637 4637020 4637030 4637040	4	STD 0.50 0.75 1.00
									335 T PM DI 126 RVT PC GI 870 FV CR 732 FV CR	2M4637 2M4637010 2M4637020 2M4637030 2M4637040 2M4637060	4	STD 0.25 0.50 0.75 1.00 1.50
6VD1 Isuzu Eng.	6 CYL	3.2 L	3156		1996-97	Passport	93.40	1.50 1.50 4.00	327 BF PM GI 126 RVT PC GI 870 FV CR 732 FV CR	2M4791 2M4791010 2M4791020 2M4791030 2M4791040	6	STD 0.25 0.50 0.75 1.00
6VD1 Isuzu Eng.	6 CYL	3.2 L	3156		1998-02	Passport	93.40	1.50 1.50 3.00	327 BF PM GI 126 RVT PC GI 997 FV CR 732 FV CR	2M4945 2M4945020 2M4945030 2M4945040	6	STD 0.50 0.75 1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
HONDA-RACING												
D16A	4 CYL	1.6 L	1590		1997-99	Domani	75.00	1.20	398 BF CR S	SC5558	4	STD
						V-TEC		1.50	435 SCRP PC GI	SC5558010		0.25
								2.80	859 FV CR	SC5558020		0.50
									732 FV CR	SC5558030		0.75
										SC5558040		1.00
										SC5558060		1.50
B16A	4 CYL	1.6 L	1590		1989-93	Civic, Integra	81.00	1.00	398 BF CR S	SC5572	4	STD
						V-TEC		1.20	126 RVT PC GI	SC5572010		0.25
								2.80	861 FV CR	SC5572020		0.50
									732 FV CR	SC5572030		0.75
										SC5572040		1.00
B16	4 CYL	1.6 L	1600			CRX	84.00	1.00	398 BF CR S	SC8513	4	STD
B20		2.0 L	2000					1.20	126 RVT PC GI	SC8513020		0.50
								2.80	861 FV CR			
									732 FV CR			
HONDA-STATIONARY												
GX240K1	1 CYL					Stationary Eng.	73.00	2.00	032 BF PC GI	6195	1	STD
8HP								2.00	401 SCRP PC GI	6195010		0.25
								2.80	859 FV CR	6195020		0.50
									732 FV CR	6195030		0.75
GX340, GXV340	1 CYL		337			Stationary Eng.	82.00	2.00	363 BF CR GI	2C4475	1	STD
								2.00	126 RVT PC GI	2C4475010		0.25
								2.80	861 FV CR			
									732 FV CR			
GX390K1	1 CYL					Stationary Eng.	88.00	2.00	032 BF PC GI	6121	1	STD
13HP								2.00	126 RVT PC GI	6121040		1.00
								2.80	999 FV CR			
									732 FV CR			
HYUNDAI												
G4HC, G4DG	4 CYL	1.0 L	999			Atos, Epsilon	66.00	1.20	398 BF CR S	2C5136	4	STD
								1.20	126 RVT PC GI	2C5136010		0.25
								2.50	995 FV CR	2C5136020		0.50
									732 FV CR	2C5136030		0.75
										2C5136040		1.00
G4HC	4 CYL	1.0 L	999		1998-08	Atos	66.00	1.20	398 BF CR S	2C5802	4	STD
						For shallow grv pistons		1.20	126 RVT PC GI	2C580225		0.25
								2.50	995 FV CR	2C580250		0.50
									732 FV CR	2C580275		0.75
										2C58002100		1.00
G4HD	4 CYL	1.1 L	1086		2002-09	Atos, Getz	67.00	1.20	398 BF CR S	2C4580	4	STD
SOHC						w/2.5mm oil grv		1.20	126 RVT PC GI	2C4580010		0.25
								2.50	995 FV CR	2C4580020		0.50
									005 FV CR	2C4580030		0.75
G4HG	4 CYL	1.1 L	1086		2003-13	Atos, i10	67.00	1.20	398 BF CR S	2C5298	4	STD
SOHC								1.20	126 RVT PC GI	2C5298010		0.25
								2.00	989 FV CR	2C5298020		0.50
									732 FV CR	2C5298030		0.75
										2C5298040		1.00
									322 BF GN SS	2N5298	4	STD
									435 SCRP PC GI			
									987 FV GN SS			
									714 GN SS			
G4HG	4 CYL	1.1 L	1100		2005-08	Atos, i10	67.00	1.20	398 BF CR S	2C5250	4	STD
SOHC						w/2.8mm oil grv		1.20	126 RVT PC GI	2C5250020		0.50
								2.80	999 FV CR	2C5250030		0.75
									732 FV CR			
G3LA	3 CYL	1.0 L	998		2011-19	i10, i20, i30, Kona	71.00	1.00	398 BF CR S	2C4086	3	STD
								1.20	406 N PC DI	2C408625		0.25
								2.00	987 FV GN SS	2C408650		0.50
									714 GN SS			
G4LA	4 CYL	1.2 L	1248		2008-18	i10, i20	71.00	1.00	398 BF CR S	2C4068	4	STD
								1.20	406 N PC DI	2C406825		0.25
								2.00	987 FV GN SS	2C406850		0.50
									714 GN SS	2C4068100		1.00
G4EA	4 CYL	1.3 L	1341		2010-16	Getz, Accent Mpi	71.50	1.20	398 BF CR S	2C5389	4	STD
								1.20	435 SCRP PC GI			0.50
								2.00	993 FV CR			1.00
									005 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
HYUNDAI												
G4EA, G4K	4 CYL	1.3 L	1341		1996-On	Accent, ES, Multi, RS	71.50	1.50	032 BF PC GI	5264	4	STD
G4N, G4EH						Click, Getz 1.3i 12V,		1.50	126 RVT PC GI	5264020		0.50
Alpha 1.3						Verna		3.00	054 FV CR	5264030		0.75
									732 FV CR	5264040		1.00
										5264060		1.50
									362 BF 3CR GI	2C5264	4	STD
									126 RVT PC GI	2C5264010		0.25
									054 FV CR	2C5264020		0.50
									732 FV CR			
	4 CYL	1.4 L	1400			Pony	73.00	1.50	032 BF PC GI	4347	4	STD
								1.50	126 RVT PC GI	4347020		0.50
								4.00	058 FV CR	4347030		0.75
									732 FV CR	4347040		1.00
										4347060		1.50
									362 BF 3CR GI	2C4347	4	STD
									126 RVT PC GI	2C4347010		0.25
									058 FV CR	2C4347020		0.50
									732 FV CR	2C4347030		0.75
										2C4347040		1.00
										2C4347060		1.50
G4EE	4 CYL	1.4 L	1399		2005-11	Accent, Getz	75.50	1.20	398 BF CR S	2C4576	4	STD
MPI DOHC								1.20	126 RVT PC GI	2C4576010		0.25
								2.00	993 FV CR	2C4576020		0.50
									005 FV CR	2C4576030		0.75
										2C4576040		1.00
G15B	4 CYL	1.5 L	1468		1985-96	Excel, Lantra, Pony	75.50	1.50	032 BF PC GI	5716	4	STD
								1.50	126 RVT PC GI	5716010		0.25
								4.00	058 FV CR	5716020		0.50
									732 FV CR	5716030		0.75
										5716040		1.00
										5716060		1.50
									363 BF CR GI	2C5716	4	STD
									126 RVT PC GI	2C5716010		0.25
									058 FV CR	2C5716020		0.50
									732 FV CR	2C5716030		0.75
										2C5716040		1.00
										2C5716060		1.50
									327 BF PM GI	2M5716	4	STD
									126 RVT PC GI	2M5716010		0.25
									058 FV CR	2M5716020		0.50
									732 FV CR	2M5716030		0.75
										2M5716040		1.00
G4FK	4 CYL	1.5 L	1495		1996-97	Accent, Elantra	75.50	1.20	398 BF CR S	2C4668	4	STD
DOHC								1.50	126 RVT PC GI	2C4668010		0.25
								3.00	054 FV CR	2C4668020		0.50
									732 FV CR	2C4668030		0.75
										2C4668040		1.00
										2C4668060		1.50
G4EK	4 CYL	1.5 L	1495		1992-10	Accent, Elantra	75.50	1.50	032 BF PC GI	4782	4	STD
SOHC								1.50	126 RVT PC GI	4782010		0.25
								3.00	996 FV CR	4782020		0.50
									732 FV CR	4782030		0.75
										4782040		1.00
									363 BF CR GI	2C4782	4	STD
									126 RVT PC GI	2C4782010		0.25
									996 FV CR	2C4782020		0.50
									732 FV CR	2C4782030		0.75
										2C4782040		1.00
G4ED Euro 4, G4ED-G	4 CYL	1.6 L	1599		2000-11	Accent, Coupe,	76.50	1.20	398 BF CR S	2C4526	4	STD
DOHC						Getz, Matrix		1.20	126 RVT PC GI	2C4526020		0.50
						w/2.0mm Oil Grv.		2.00	993 FV CR	2C4526030		0.75
									005 FV CR			
G4ED, G4GR	4 CYL	1.6 L	1599		2001-05	w/2.5mm Oil Grv.	76.50	1.20	398 BF CR S	2C5154	4	STD
DOHC								1.20	126 RVT PC GI	2C5154020		0.50
								2.50	995 FV CR	2C5154030		0.75
									732 FV CR	2C5154040		1.00
	4 CYL	1.6 L	1599			Elantra 2000	76.50	1.20	398 BF CR S	2C5177	4	STD
								1.50	401 SCRP PC GI	2C5177010		0.25
								2.50	995 FV CR	2C5177020		0.50
									732 FV CR	2C5177030		0.75

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
HYUNDAI												
G32B	4 CYL	1.6 L	1597		1985-90	Stellar	76.90	2.00	032 BF PC GI	675	4	STD
								2.00	126 RVT PC GI	675010		0.25
								4.00	056 FV CR	675020		0.50
									732 FV CR	675030		0.75
										675040		1.00
										675060		1.50
									362 BF 3CR GI	2C675	4	STD
									126 RVT PC GI	2C675010		0.25
									056 FV CR	2C675020		0.50
									732 FV CR	2C675030		0.75
										2C675040		1.00
G4FA	4 CYL	1.4 L	1396		2007-15	Accent, Estate, Gamma	77.00	1.20	398 BF CR S	2C4504	4	STD
								1.20	435 SCRP PC GI	2C450425		0.25
								2.00	993 FV CR	2C450450		0.50
									005 FV CR	2C4504100		1.00
G4FC, G4FG	4 CYL	1.6 L	1591		2008-17	Accent, Estate, Elantra, Veloster	77.00	1.20	398 BF CR S	2C4504	4	STD
								1.20	435 SCRP PC GI	2C450425		0.25
								2.00	993 FV CR	2C450450		0.50
									005 FV CR	2C4504100		1.00
D4FB	4 CYL	1.6 L	1582		2007-17	Accent, Creta, Elantra i30, Kona	77.20	1.75	326 TBF GN SS	2D7821	4	STD
								1.75	257 TF CR DI	2D782125		
								3.00	203 CF GN SS	2D782150		
									881 2PCO			
G4GR	4 CYL	1.6 L	1599		1995-02	Coupe, Elantra	77.40	1.20	398 BF CR S	2C5196	4	STD
								1.20	126 RVT PC GI	2C5196020		0.50
								2.50	995 FV CR	2C5196040		1.00
									732 FV CR			
G4NA DOHC	4 CYL	1.8 L	1797		2012-16	Elantra, Mistra "NU SERIES"	81.00	1.00	398 BF CR S	2C4357	4	STD
								1.20	126 RVT PC GI	2C435750		0.50
								2.00	990 FV CR	2C4357100		1.00
									005 FV CR			
G4CN	4 CYL	1.8 L	1796		1993-95	Elantra EXPORT ONLY	81.50	1.20	398 BF CR S	2C5104	4	STD
								1.50	126 RVT PC GI	2C5104020		0.50
								2.80	997 FV CR	2C5104030		0.75
									732 FV CR	2C5104040		1.00
G4CM, G4DM, G4JN DOHC	4 CYL	1.8 L	1796		1996-On	16 Valve, Elantra	81.50	1.20	398 BF CR S	2C4770	4	STD
								1.50	126 RVT PC GI	2C4770020		0.50
								3.00	997 FV CR	2C4770030		0.75
									732 FV CR	2C4770040		1.00
G4DM, G4GB, G4GM	4 CYL	1.8 L	1836		1995-06	Elantra	82.00	1.20	398 BF CR S	2C4943	4	STD
								1.20	126 RVT PC GI	2C4943010		0.25
								2.50	995 FV CR	2C4943020		0.50
									732 FV CR	2C4943030		0.75
										2C4943040		1.00
G4GF DOHC	4 CYL	2.0 L	1975		2004-09	Tucson	82.00	1.20	398 BF CR S	2C5825	4	STD
								1.20	126 RVT PC GI	2C5825020		0.50
								2.00	993 FV CR	2C5825040		1.00
									005 FV CR			
G4CP, G4GC, G4GF,G4JP	4 CYL	2.0 L	1997		1997-10	Coupe, Elantra	82.00	1.20	398 BF CR S	2C4943	4	STD
								1.20	126 RVT PC GI	2C4943010		0.25
								2.50	995 FV CR	2C4943020		0.50
									732 FV CR	2C4943030		0.75
										2C4943040		1.00
G4CR, G4DR DOHC	4 CYL	1.6 L	1595		1992-95	Elantra, 16 V	82.30	1.20	398 BF CR S	2C4669	4	STD
								1.50	126 RVT PC GI	2C4669020		0.50
								3.00	997 FV CR	2C4669030		0.75
									732 FV CR	2C4669040		1.00
D3EA	3 CYL	1.5 L	1493		2001-10	Accent, Getz, Matrix Diesel Eng	83.00	2.00	213 FKST CC DI	2D7468	1	STD
								2.00	223 RVT CR DI			
								3.00	204 CF CR DI			
									881 2PCO			
DJY SOHC	4 CYL	1.9 L	1905		1998-00	Iantra II Diesel Eng	83.00	2.00	239 BF CC DI	2D7435	1	STD
								2.00	123 RVT PC DI	2D743525		0.25
								3.00	204 CF CR DI	2D743550		0.50
									881 2PCO			
D4EA	4 CYL	2.0 L	1991		2001-11	Elantra, i30, Santa Fe, Tucson CRDi Diesel Eng	83.00	2.00	213 FKST CC DI	2D7468	1	STD
								2.00	223 RVT CR DI			
								3.00	204 CF CR DI			
									881 2PCO			
G6BV	6 CYL	2.5 L	2493		1998-05	Sonata, XG	84.00	1.20	398 BF CR S	2C4980	6	STD
								1.20	126 RVT PC GI	2C4980020		0.50
								2.50	995 FV CR	2C4980030		0.75
									732 FV CR	2C4980040		1.00
D4HA DOHC		2.0 L	1995		2010-On	Tucson, IX35 Diesel Eng	84.00	2.50	241 FKST CC DI	2D7455	1	STD
								2.00	214 RVT PC DI			
								3.00	204 CF CR DI			
									881 2PCO			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
HYUNDAI												
G4CP, G4GF	4 CYL	2.0 L	1997		1991-98	Sonata	85.00	1.20	398 BF CR S	2C4768	4	STD
								1.50	126 RVT PC GI	2C4768010		0.25
								3.00	997 FV CR	2C4768020		0.50
									732 FV CR	2C4768030		0.75
										2C4768040		1.00
										2C4768060		1.50
4G63	4 CYL	2.0 L	1997		1985-89	Stellar	85.00	2.00	032 BF PC GI	6171	4	STD
								2.00	126 RVT PC GI	6171020		0.50
								4.00	058 FV CR	6171030		0.75
									732 FV CR	6171040		1.00
										6171060		1.50
									362 BF 3CR GI	2C6171	4	STD
									126 RVT PC GI	2C6171020		0.50
									058 FV CR	2C6171030		0.75
									732 FV CR	2C6171040		1.00
										2C6171060		1.50
G64B	4 CYL	2.4 L	2351		1989-93	Sonata	86.50	1.50	032 BF PC GI	4638	4	STD
								1.50	126 RVT PC GI	4638020		0.50
								4.00	058 FV CR	4638030		0.75
									732 FV CR	4638040		1.00
										4638060		1.50
									362 BF 3CR GI	2C4638	4	STD
									126 RVT PC GI	2C4638010		0.25
									058 FV CR	2C4638020		0.50
									732 FV CR	2C4638030		0.75
										2C4638040		1.00
G4JS	4 CYL	2.4 L	2400		1999-02	Sonata	86.50	1.20	398 BF CR S	2C4780	4	STD
								1.50	126 RVT PC GI	2C4780020		0.50
								2.80	997 FV CR	2C4780030		0.75
									732 FV CR	2C4780040		1.00
										2C4780060		1.50
G6BA DOHC	6 CYL	2.7 L	2656		2000-12	Santa Fe, Sonata, Tiburon 24V	86.70	1.20	398 BF CR S	2C5265	6	STD
								1.20	126 RVT PC GI	2C5265020		0.50
								2.50	995 FV CR	2C5265030		0.75
									732 FV CR	2C5265040		1.00
G6BA DOHC	6 CYL	2.7 L	2656		2006-12	Santa Fe, Tiburon, Tucson	86.70	1.20	398 BF CR S	2C5384	6	STD
								1.20	435 SCRP PC GI	2C538450		0.50
								2.00	993 FV CR			
									732 FV CR			
D4EB-F, D4EB-G SOHC		2.2 L	2188		2002-11	Santa FE CRDI Diesel Eng	87.00	2.50	222 FKST CC DI	2D7495	1	STD
								2.00	214 RVT PC DI			
								3.00	204 CF CR DI			
									881 2PCO			
G4KC, G4KJ DOHC	4 CYL	2.4 L	2359		2006-15	Sonata, Tucson	88.00	1.20	398 BF CR S	2C5297	4	STD
								1.20	126 RVT PC GI	2C5297020		0.50
								2.00	993 FV CR	2C5297030		0.75
									005 FV CR	2C5297040		1.00
D4CB DOHC	4 CYL	2.5 L	2497		2002-On	H100 TCi w/Keystone top grv. Diesel Eng	91.00	2.50	211 HKST CC DI	2C7361	1	STD
								2.00	209 RVT PC DI			
								3.00	204 CF CR DI			
									881 2PCO			
D4CB Euro 4	4 CYL	2.5 L	2497		2001-07	H-1, Porter Diesel Eng	91.00	2.50	211 HKST CC DI	2D7522	4	STD
								2.00	257 TF CR DI	2D752250		0.50
								3.00	203 CF GN SS			
									881 2PCO			
4D55T	4 CYL	2.3 L	2346			Galloper Turbo Diesel	91.10	2.50	243 HKST PM DI	2M7338	1	STD
								2.00	235 HKST CR DI	2M733850		1.25
								4.00	204 CF CR DI	2M7338100		2.50
									881 2PCO			
4D55 SOHC	4 CYL	2.3 L	2346		1980-86	Galloper Jeep Diesel Eng	91.10	2.50	231 BF PM DI	2M7379	1	STD
								2.00	236 TF CR DI			
								4.00	204 CF CR DI			
									881 2PCO			
4D55	4 CYL	2.3 L	2346		1980-86	Galloper Jeep Diesel Eng	91.10	2.00	226 BF CR DI	2C7454	1	STD
								2.00	218 TF PC DI			
								4.00	204 CF CR DI			
									881 2PCO			
4D56T, 4D56TDi	4 CYL	2.5 L	2476		1991-On	Galloper I 2.5 TD Turbo Diesel	91.10	2.50	243 HKST PM DI	2M7338	1	STD
								2.00	235 HKST CR DI	2M733850		1.25
								4.00	204 CF CR DI	2M7338100		2.50
									881 2PCO			
D4BX SOHC	4 CYL	2.5 L	2476			8V Diesel Eng	91.10	2.50	231 BF PM DI	2M7379	1	STD
								2.00	236 TF CR DI			
								4.00	204 CF CR DI			
									881 2PCO			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
HYUNDAI												
D4BX SOHC	4 CYL	2.5 L	2476		1980-86	8V Diesel Eng	91.10	2.00 2.00 4.00	226 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2C7454	1	STD
D4BA, D4BB, D4BC	4 CYL	2.5 L	2476		1993-07	Porter- H100 Diesel Eng	91.10	2.00 2.00 3.00	336 T PM DI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D5042 2D504250 2D504275	4	STD 0.50 0.75
G6AT, 6G72	6 CYL	3.0 L	2972		1990-98	Sonata 3.0 12 V	91.10	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 870 FV CR 732 FV CR	4453 4453010 4453020 4453030 4453040 4453060	6	STD 0.25 0.50 0.75 1.00 1.50
									335 T PM DI 126 RVT PC GI 870 FV CR 732 FV CR	2M4453 2M4453010 2M4453020 2M4453030 2M4453040 2M4453060	6	STD 0.25 0.50 0.75 1.00 1.50
D4BB Diesel Engine	4 CYL	2.6 L	2607		1993-10	Galloper, H-1, H100, HD LIGHT, Porter	91.10	2.00 2.00 3.00	322 BF GN SS 236 TF CR DI 553 CF CR GI 881 2PCO	2D5309 2D530950 2D5309100	4	STD 0.50 1.00
G6DB DOHC	6 CYL	3.3 L	3342		2006-19	V6 Azera, Sonata, Santa Fe	92.00	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 991 FV CR 005 FV CR	2C5260 2C5260020 2C5260030 2C5260040	6	STD 0.50 0.75 1.00
G6DC DOHC	6 CYL	3.5 L	3470		2010-19	V6 Santa Fe	92.00	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 991 FV CR 005 FV CR	2C5260 2C5260020 2C5260030 2C5260040	6	STD 0.50 0.75 1.00
G6CU, XG350 DOHC	6 CYL	3.5 L	3467		2002-06	Centennial, Santa Fe, Terrcan-Grandeur XG	93.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 997 FV CR 732 FV CR	4883 4883020 4883030 4883040	6	STD 0.50 0.75 1.00
									327 BF PM GI 126 RVT PC GI 997 FV CR 732 FV CR	2M4883 2M4883010 2M4883020 2M4883030 2M4883040	6	STD 0.25 0.50 0.75 1.00
DOHC	6 CYL	3.8 L	3778		2006-14	Azera, Entourage, Genesis, Veracruz	96.00	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 991 FV CR 005 FV CR	2C4550 2C4550020 2C4550030 2C4550040	6	STD 0.50 0.75 1.00
J3 TCi SOHC	4 CYL	2.9 L	2902		2001-06	Terracan Diesel Eng	97.10	2.00 2.00 3.00	232 HKST CR DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2C7401	1	STD
J3 TCi, J3 CRDi SOHC	4 CYL	2.9 L	2902		2001-06	Terracan Diesel Eng	97.10	2.50 2.00 3.00	211 HKST CC DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2D7492	1	STD
INFINITI												
SR20D, SR20DE	4 CYL	2.0 L	1998		1991-00	G20	86.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4601 4601020 4601030 4601040 4601060	4	STD 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2M4601 2M4601010 2M4601020 2M4601030 2M4601040 2M4601060	4	STD 0.25 0.50 0.75 1.00 1.50
VG30DE, VG30E	6 CYL	3.0 L	2960		1990-98	M30, J30	87.00	1.50 1.50 2.80	032 BF PC GI 126 RVT PC GI 861 FV CR 732 FV CR	6196 6196020 6196030 6196040	6	STD 0.50 0.75 1.00
									335 T PM DI 126 RVT PC GI 861 FV CR 732 FV CR	2M6196 2M6196020 2M6196030 2M6196040	6	STD 0.50 0.75 1.00
VH41DE	8 CYL	4.1 L	4130		1997-01	Q41	93.00	1.50 1.50 2.80	335 T PM DI 126 RVT PC GI 861 FV CR 732 FV CR	2M4892 2M4892020 2M4892030 2M4892040	8	STD 0.50 0.75 1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
INFINITI												
VK45DE DOHC	8 CYL	4.5 L	4494		2002-10	FX45, M45, Q45	93.00	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5186	8	STD
VH45DE	8 CYL	4.5 L	4494		1990-02	Q45	93.00	1.50 1.50 2.80	335 T PM DI 126 RVT PC GI 861 FV CR 732 FV CR	2M4892 2M4892020 2M4892030 2M4892040	8	STD 0.50 0.75 1.00
VQ35DE DOHC	6 CYL	3.5 L	3498		2001-16	G35, I35, JX35, QX4 QX60	95.50	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5112 2C5112010 2C5112020 2C5112030 2C5112040	6	STD 0.25 0.50 0.75 1.00
VQ35HR, VQ35DE	6 CYL	3.5 L	3498		2007-18	EX35, FX35, M35h, Q50, Q70	95.50	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 991 FV CR 005 FV CR	2C5293 2C5293010 2C5293020 2C5293030 2C5293040	6	STD 0.25 0.50 0.75 1.00
VQ37VHR DOHC	6 CYL	3.7 L	3699		2009-18	G37, IPL G37, M37, Q70, QX50, QX70	95.50	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 991 FV CR 005 FV CR	2C5293 2C5293010 2C5293020 2C5293030 2C5293040	6	STD 0.25 0.50 0.75 1.00
VK56DE	8 CYL	5.6 L	5552		2004-10	QX4, QX56	98.00	1.50 1.50 2.50	032 BF PC GI 126 RVT PC GI 995 FV CR 732 FV CR	5188 5188020 5188030 5188040	8	STD 0.50 0.75 1.00
									327 BF PM GI 126 RVT PC GI 995 FV CR 732 FV CR	2M5188 2M5188020 2M5188030 2M5188040	8	STD 0.50 0.75 1.00
INTERNATIONAL-BALERS												
C60, UC60 Engs.	4 CYL					50, 55T, 55W, 56	66.68	2.38 2.38 4.75	102 T PC GI 126 RVT PC GI 871 FV CR 732 FV CR	7859	4	STD
									362 BF 3CR GI 126 RVT PC GI 871 FV CR 732 FV CR	2C7859 2C7859020 2C7859030 2C7859040	4	STD 0.50 0.75 1.00
C113	4 CYL					50, 55T, 55W, 56 (1/4" Oil Ring)	76.20	3.18 3.18 3.18 6.35	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	727	4	STD
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C727	4	STD
C113 Eng Sleeved Eng.	4 CYL					50, 55T, 55W, 56 (3/16" Oil Ring)	76.20	3.18 3.18 3.18 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 871 FV CR 732 FV CR	2C7758	4	STD
C123	4 CYL					50, 55T, 55W, 56, 57T, 57W Gas Eng.	79.38	2.38 2.38 6.35	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7696	4	STD
BD240	6 CYL					Field Harvester 20C, 36	90.49	2.38 3.18 4.75	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5280 2C5280030	6	STD 0.75

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
INTERNATIONAL-COMBINES												
C60	4 CYL					52R, 64	66.68	2.38	102 T PC GI	7859	4	STD
								2.38	126 RVT PC GI			
								4.75	871 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C7859	4	STD
									126 RVT PC GI	2C7859020		0.50
									871 FV CR	2C7859030		0.75
									732 FV CR	2C7859040		1.00
C113	4 CYL					22, 64, 76, 81	76.20	3.18	032 BF PC GI	727	4	STD
Sleeved Eng.						(1/4" Oil Ring)		3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								6.35	860 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C727	4	STD
									126 RVT PC GI			
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
C113	4 CYL					22, 64, 76, 81	76.20	3.18	362 BF 3CR GI	2C7758	4	STD
Sleeved Eng.						(3/16" Oil Ring)		3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								4.75	871 FV CR			
									732 FV CR			
C123	4 CYL					Gas 76, 81	79.38	2.38	362 BF 3CR GI	2C7696	4	STD
Sleeved Eng.								2.38	126 RVT PC GI			
								6.35	860 FV CR			
									732 FV CR			
C135	4 CYL					Gas 91	82.55	2.38	032 BF PC GI	7689	4	STD
Sleeved Eng.								2.38	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C7689	4	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
C152	4 CYL					122	85.73	3.18	362 BF 3CR GI	2C726	4	STD
Sleeved Eng.								4.00	102 T PC GI			
								4.00	401 SCRP PC GI			
								6.35	860 FV CR			
									732 FV CR			
C153	4 CYL					93	85.73	2.38	362 BF 3CR GI	2C7144	4	STD
								2.38	126 RVT PC GI	2C7144020		0.50
								4.75	860 FV CR			
									732 FV CR			
C164	4 CYL					Gas Eng. 140	88.90	2.38	362 BF 3CR GI	2C7503	4	STD
								2.38	126 RVT PC GI			
								2.38	126 RVT PC GI			
								6.35	860 FV CR			
									732 FV CR			
BD220	6 CYL					101	90.49	2.38	362 BF 3CR GI	2C5280	6	STD
BD220						127, 141, 303		3.18	126 RVT PC GI	2C5280030		0.75
								4.75	860 FV CR			
									732 FV CR			
C169	4 CYL					Gas or LPG 140	90.49	2.38	362 BF 3CR GI	2C7547	4	STD
Sleeved Eng.								2.38	126 RVT PC GI			
								2.38	126 RVT PC GI			
								6.35	860 FV CR			
									732 FV CR			
C221 Sleeved Eng.	6 CYL					205, 303, 315	90.49	2.38	362 BF 3CR GI	2C7687	6	STD
C263						403		2.38	126 RVT PC GI			
								6.35	860 FV CR			
									732 FV CR			
C175	4 CYL					Gas or LPG 140	92.08	2.38	362 BF 3CR GI	2C7677	4	STD
Sleeved Eng.								2.38	126 RVT PC GI			
								2.38	126 RVT PC GI			
								6.35	860 FV CR			
									732 FV CR			
Herc. G3400	6 CYL					SPH908 Hillside	101.60	2.38	363 BF CR GI	2C4231	6	STD
								3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
								4.75	501 1PCO PC GI			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
INTERNATIONAL-CONSTRUCTION & INDUSTRIAL												
C135 Sleeved Eng.	4 CYL					T5, T340 Crawler Gas Eng.	82.55	2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7689	4	STD
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7689	4	STD
C153	4 CYL					2444, 2500, 3514	85.73	2.38 2.38 4.75	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7144 2C7144020	4	STD 0.50
C221 Sleeved Eng. C221 Sleeved Eng. C263	6 CYL					T6 Gas or LPG Eng. 3616 Gas Eng. T6-62 Series 2656 Gas or LPG Eng.	90.49	2.38 2.38 6.35	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7687	6	STD
	6 CYL					T35, TA40	92.08	3.18 3.18 3.18 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4008	6	STD
C264 Sleeved Eng.	4 CYL					T6-61 Gas or LPG Eng.	101.60	2.38 2.38 2.38 6.35	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7795	4	STD
INTERNATIONAL-ENGINES & POWERUNITS												
U1, UC60	4 CYL						66.68	2.38 2.38 4.75	102 T PC GI 126 RVT PC GI 871 FV CR 732 FV CR	7859	4	STD
									362 BF 3CR GI 126 RVT PC GI 871 FV CR 732 FV CR	2C7859 2C7859020 2C7859030 2C7859040	4	STD 0.50 0.75 1.00
P12	4 CYL						76.20	3.18 3.18 3.18 3.18 4.75	362 BF 3CR GI 102 T PC GI 102 T PC GI 126 RVT PC GI 501 1PCO PC GI 825 2PCO	2C710	4	STD
U2, U2A Sleeved Eng.	4 CYL					1/4" Oil Ring	76.20	3.18 3.18 3.18 6.35	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	727	4	STD
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C727	4	STD
U2, U2A Sleeved Eng.	4 CYL					3/16" Oil Ring	76.20	3.18 3.18 3.18 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 871 FV CR 732 FV CR	2C7758	4	STD
U123	4 CYL						79.38	2.38 2.38 6.35	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7696	4	STD
UC135, UC135B	4 CYL						82.55	2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7689	4	STD
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7689	4	STD
I4, IU4, U4, 122HT Sleeved Eng.	4 CYL						85.73	3.18 4.00 4.00 6.35	362 BF 3CR GI 102 T PC GI 401 SCRP PC GI 860 FV CR 732 FV CR	2C726	4	STD
UC153, U157	4 CYL						85.73	2.38 2.38 4.75	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7144 2C7144020	4	STD 0.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
INTERNATIONAL-ENGINES & POWERUNITS												
U164 Sleeved Eng.	4 CYL						88.90	2.38 2.38 2.38 6.35	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7503	4	STD
U220, U240 Sleeved Eng.	6 CYL					4 Ring Piston	90.49	2.38 3.18 3.18 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5047 2C5047030	6	STD 0.75
U220, UB220 Sleeved Eng.	6 CYL					3 Ring Piston 302 series	90.49	2.38 3.18 4.75	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5280 2C5280030	6	STD 0.75
U169 Sleeved Eng.	4 CYL						90.49	2.38 2.38 2.38 6.35	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7547	4	STD
UC221, C263 Sleeved Eng.	6 CYL						90.49	2.38 2.38 6.35	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7687	6	STD
U175, 350 Utility Sleeved Eng.	4 CYL						92.08	2.38 2.38 2.38 6.35	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7677	4	STD
UD166 UD236, UD282 Sleeved Eng.	4 CYL 6 CYL					1/8" Half Keystone Top Ring	93.66	3.18 3.18 6.35	394 HKST CR DI 126 RVT PC GI 860 FV CR 732 FV CR	2C7114	2	STD
U21, PA50 Sleeved Eng.	6 CYL					Diesel Eng	95.25	3.18 3.18 3.18 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5028	6	STD
C200	4 CYL						96.84	3.18 2.38 6.35	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7220 2C7220020 2C7220060	4	STD 0.50 1.50
UV345, V304, V345	8 CYL						98.43	2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6302 6302010 6302020 6302030 6302040 6302060	8	STD 0.25 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6302 2C6302020 2C6302030 2C6302040 2C6302060	8	STD 0.50 0.75 1.00 1.50
									345 T PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M6302 2M6302030 2M6302040 2M6302060	8	STD 0.75 1.00 1.50
U264 Sleeved Eng.	4 CYL					Late Piston	101.60	2.38 2.38 2.38 6.35	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7795	4	STD
461, UV401, V446	8 CYL						104.78	2.38 2.38 4.75	363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6094 2C6094020 2C6094030 2C6094040 2C6094060	8	STD 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M6094 2M6094030 2M6094040 2M6094060	8	STD 0.75 1.00 1.50
UR450	6 CYL						111.13	2.38 2.38 4.75	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6286	6	STD

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
INTERNATIONAL-ENGINES & POWERUNITS												
UV549	8 CYL						114.30	2.38	032 BF PC GI	578	8	STD
								2.38	126 RVT PC GI			
								2.38	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
									363 BF CR GI	2C578	8	STD
									126 RVT PC GI	2C578020		0.50
									126 RVT PC GI	2C578030		0.75
									860 FV CR	2C578040		1.00
									732 FV CR	2C578060		1.50
										2C578080		2.00
INTERNATIONAL-TRACTORS												
C60	4 CYL					Cub, Intr. Lo-Boy	66.68	2.38	102 T PC GI	7859	4	STD
								2.38	126 RVT PC GI			
								4.75	871 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C7859	4	STD
									126 RVT PC GI	2C7859020		0.50
									871 FV CR	2C7859030		0.75
									732 FV CR	2C7859040		1.00
IHC IHC Sleeved Eng.	4 CYL					F12, F14 I12, I14, O12, O14; W12, W14 Late 1935	76.20	3.18	362 BF 3CR GI	2C710	4	STD
								3.18	102 T PC GI			
								3.18	102 T PC GI			
								3.18	126 RVT PC GI			
								4.75	501 1PCO PC GI			
									825 2PCO			
C113 Sleeved Eng.	4 CYL					A, AV, B, BN; Super A, AV; Farmall C 1/4" Oil Ring Gas or Dist.	76.20	3.18	032 BF PC GI	727	4	STD
								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								6.35	860 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C727	4	STD
									126 RVT PC GI			
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
C113 Sleeved Eng.	4 CYL					A, AV, B, BN; Super A, AV; Farmall C 3/16" Oil Ring	76.20	3.18	362 BF 3CR GI	2C7758	4	STD
								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								4.75	871 FV CR			
									732 FV CR			
C123 Sleeved Eng.	4 CYL					100, 130, 140, 200, 230, 240, Super C Gas Eng.	79.38	2.38	362 BF 3CR GI	2C7696	4	STD
								2.38	126 RVT PC GI			
								6.35	860 FV CR			
									732 FV CR			
C123	4 CYL					100, 130, 140, 200, 240, Super A1, Super C Dist. or Kero. Eng.	79.38	2.38	362 BF 3CR GI	2C7724	4	STD
								2.38	126 RVT PC GI			
								2.38	126 RVT PC GI			
								6.35	860 FV CR			
									732 FV CR			
C123 Sleeved Eng.	4 CYL					100, 200, Super A1, Super C	80.96	2.38	032 BF PC GI	4123	4	STD
								2.38	126 RVT PC GI			
								6.35	860 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C4123	4	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
K241	1 CYL					Kohler Cub Cadet	82.55	2.38	032 BF PC GI	6535	1	STD
								2.38	401 SCRP PC GI			
								4.75	860 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C6535	1	STD
									401 SCRP PC GI			
									860 FV CR			
									732 FV CR			
C135 Sleeved Eng.	4 CYL					330, 340, 404, 2404 Gas Eng.	82.55	2.38	032 BF PC GI	7689	4	STD
								2.38	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C7689	4	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
INTERNATIONAL-TRACTORS												
C152 Sleeved Eng.	4 CYL					H, HV, I4, IU4, O4, OS4, W4	85.73	3.18 4.00 4.00 6.35	362 BF 3CR GI 102 T PC GI 401 SCRP PC GI 860 FV CR 732 FV CR	2C726	4	STD
C146, C157	4 CYL					424, 444, 504, 2424, 2444 Gas Eng.	85.73	2.38 2.38 4.75	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7144 2C7144020	4	STD 0.50
	4 CYL					H	85.73	2.38 2.38 2.38 6.35	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7558	4	STD
C164 Sleeved Eng.	4 CYL					Super H, HV, W4 Gas Eng.	88.90	2.38 2.38 2.38 6.35	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7503	4	STD
C169 Sleeved Eng.	4 CYL					300 Series Gas or LPG Eng.	90.49	2.38 2.38 2.38 6.35	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7547	4	STD
C221 C263	6 CYL					460, 606, 656, 2606 560, 656 Series, 660, 2656, 2706 Gas or LPG Eng.	90.49	2.38 2.38 6.35	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7687	6	STD
	6 CYL					IA40, WA40	92.08	3.18 3.18 3.18 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4008	6	STD
C175 Sleeved Eng.	4 CYL					300, 350 Gas or LPG Eng.	92.08	2.38 2.38 2.38 6.35	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7677	4	STD
D166 D188 D236 D282	4 CYL 4 CYL 6 CYL 6 CYL					TD340 Crawler 2444, 2500 , 3514 460D, 606, 2606, 3616D 560D, 656D, 660D, 706, 2656D, 2706 1/8" Half Kyst Top Ring Diesel Eng	93.66	3.18 3.18 6.35	394 HKST CR DI 126 RVT PC GI 860 FV CR 732 FV CR	2C7114	2	STD
UC301	6 CYL					806, 2806 After #4996 Gas or LPG Eng.	96.84	3.18 2.38 6.35	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7193 2C7193020 2C7193060	6	STD 0.50 1.50
C200	4 CYL					544, 2544	96.84	3.18 2.38 6.35	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7220 2C7220020 2C7220060	4	STD 0.50 1.50
D239, DT239, 544, I544, 574	4 CYL					Diesel Eng	98.43	3.18 2.38 4.75	372 FKST CR DI 126 RVT PC GI 860 FV CR 732 FV CR	2C5319	4	STD
206D	4 CYL						98.43	3.18 3.18 3.18 4.75	372 FKST CR DI 126 RVT PC GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C5559	4	STD
D310	6 CYL					666, 706, 756 4 Ring Piston	98.43	3.18 3.18 3.18 4.75	372 FKST CR DI 126 RVT PC GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7197	6	STD
C264 Sleeved Eng.	4 CYL					Super M, M, M-TA, MV, W6 Gas or LPG Eng.	101.60	2.38 2.38 2.38 6.35	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7795	4	STD
IHC Sleeved Eng.	4 CYL					Super M, W6 Sterling Piston	101.60	2.38 2.38 2.38 6.35 6.35	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C7796	4	STD

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
INTERNATIONAL-TRACTORS												
C281 C281 Sleeved Eng.	4 CYL					400, 450, W450 Super M, M, MTA, MV, W6 Gas or LPG Eng.	104.78	2.38 2.38 2.38 6.35	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7580	4	STD
INTERNATIONAL-TRACTORS INCREASE BORE SLEEVE												
C113 Eng. Sleeved Eng.	4 CYL					M & W Sleeve Kit Superior Piston #A1018 McQuay Norris Kit #SA177 M & W Sleeve Kit Sealed Power #SP9	79.38	3.18 3.18 3.18 6.35	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7543	4	STD
C113 Eng. Sleeved Eng.	4 CYL					M & W Sleeve Kit Superior Piston #A1018 McQuay Norris Kit #SA177 M & W Sleeve Kit Sealed Power #SP9	79.38	2.38 2.38 2.38 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7799	4	STD
C123 Eng. Sleeved Eng.	4 CYL					M & W Sleeve Kit Genuine Sleeve Kit Power Pkg. Kit Allied Sleeve Kit #WSA225 Basic #BA157, 159, 160 Permite Sleeve Kit #CSA255 Sealed Power #SL1814	80.96	2.38 2.38 2.38 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7564	4	STD
C123 Eng. Sleeved Eng.	4 CYL					M & W Sleeve Kit Genuine Sleeve Kit Power Pkg. Kit Allied Sleeve Kit #WSA225 Basic #BA157, 159, 160 Permite Sleeve Kit #CSA255 Sealed Power #SL1814	80.96	2.38 2.38 6.35	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7698	4	STD
C123 Eng. Sleeved Eng.	4 CYL					M & W Sleeve Kit Genuine Sleeve Kit Power Pkg. Kit Allied Sleeve Kit #WSA225 Basic #BA157, 159, 160 Permite Sleeve Kit #CSA255 Sealed Power #SL1814	82.55	2.38 2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	4215 4215020 4215040	4	STD 0.50 1.00
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4215	4	STD
C123 Eng. Sleeved Eng.	4 CYL					M & W Sleeve Kit Genuine Sleeve Kit Power Pkg. Kit Allied Sleeve Kit #WSA225 Basic #BA157, 159, 160 Permite Sleeve Kit #CSA255 Sealed Power #SL1814	82.55	2.38 2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7584	4	STD
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7584	4	STD
C152 Eng. Sleeved Eng.	4 CYL					International Model H Kit M & W Sleeve Kit #SP4, 5 Superior Piston #A1019 Allied #WSA302, 303 Ertel Sleeve Kit #SA209, 210 Genuine Kit #S161, 164, 168 Sterling Piston M & W #SP70, 71, 72 International Model H Kit Power Pkg. Increased Bore Kit Kerosene Eng.	87.31	2.38 2.38 2.38 6.35	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5669	4	STD
C152 Eng. Sleeved Eng.	4 CYL					International Model H Kit M & W Sleeve Kit #SP4, 5 Superior Piston #A1019 Allied #WSA302, 303 Ertel Sleeve Kit #SA209, 210 Genuine Kit #S161, 164, 168 Sterling Piston M & W #SP70, 71, 72 International Model H Kit Power Pkg. Increased Bore Kit Kerosene Eng.	87.31	2.38 2.38 2.38 4.75 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C7585	4	STD

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
INTERNATIONAL-TRACTORS INCREASE BORE SLEEVE												
C152 Eng. Sleeved Eng.	4 CYL					International Model H Kit M & W Sleeve Kit #SP4, 5 Superior Piston #A1019 Allied #WSA302, 303 Ertel Sleeve Kit #SA209, 210 Genuine Kit #S161, 164, 168 Sterling Piston M & W #SP70, 71, 72 International Model H Kit Power Pkg. Increased Bore Kit Kerosene Eng.	87.31	2.38 2.38 2.38 6.35	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7681	4	STD
C152 Eng. Sleeved Eng.	4 CYL					International Model H Kit M & W Sleeve Kit #SP4, 5 Superior Piston #A1019 Allied #WSA302, 303 Ertel Sleeve Kit #SA209, 210 Genuine Kit #S161, 164, 168 Sterling Piston M & W #SP70, 71, 72 International Model H Kit Power Pkg. Increased Bore Kit Kerosene Eng.	87.31	2.38 2.38 3.18 6.35	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7790	4	STD
C152 Eng. Sleeved Eng.	4 CYL					International Model H Kit M & W Sleeve Kit #SP4, 5 Superior Piston #A1019 Allied #WSA302, 303 Ertel Sleeve Kit #SA209, 210 Genuine Kit #S161, 164, 168 Sterling Piston M & W #SP70, 71, 72 International Model H Kit Power Pkg. Increased Bore Kit Kerosene Eng.	90.49	2.38 2.38 2.38 6.35	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7547	4	STD
C169 Dist. or Gas Eng. C175 Dist,Gas or LPG Eng. Sleeved Eng.	4 CYL					Power Package Overbore 350 Series, 1300, 1350 Power Package--350 Conversion--300 Allied #WSA268, 269, 317 McQuay Norris #SA228, 229 Perfect Circle #WSA268, 269, 317	92.08	2.38 2.38 2.38 6.35	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7677	4	STD
C248 Eng. Sleeved Eng.						M & W #SP3, SP3-5 Sealed Power #SL1696,1727 Power Pkg. M Kit	98.43	2.38 2.38 2.38 6.35	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7647	4	STD
C248 Eng. Sleeved Eng.						M & W #SP60, SP61, SP62 McQuay Norris #AS162, 173, 241, 242, 243	101.60	2.38 2.38 2.38 6.35	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7654	2	STD
C248 Eng. IHC Eng. Sleeved Eng.	4 CYL					M & W Sleeve Kit Power Pkg. Incre. Bore Kit Superior Piston #A1011 Sealed Power #SL1741 McQuay Norris #SA193	101.60	2.38 2.38 2.38 6.35	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7795	4	STD
C248 Eng. Sleeved Eng.	4 CYL					M & W #SP60, SP61, SP62 McQuay Norris #AS162, 173, 241, 242, 243	101.60	2.38 2.38 3.18 6.35	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7997	4	STD
C264 Eng. Sleeved Eng.	4 CYL					M & W Sleeve Kit Sealed Power #SL1758,1761 Super M, MV White Machine Kit #G271H, Super M, 400 Basic Sleeve Kit #BA163,164 Ertel Sleeve Kit #SA217 Genuine Parts #S171, 173 McQuay Norris #SA172, 244, 252, 253, 254	104.78	2.38 3.18 3.18 4.75	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7553	4	STD

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
INTERNATIONAL-TRACTORS INCREASE BORE SLEEVE												
C264 Eng. Sleeved Eng.	4 CYL					M & W Sleeve Kit Sealed Power #SL1758,1761 Super M, MV White Machine Kit #G271H, Super M, 400 Basic Sleeve Kit #BA163,164 Ertel Sleeve Kit #SA217 Genuine Parts #S171, 173 McQuay Norris #SA172, 244, 252, 253, 254	104.78	2.38 2.38 2.38 6.35	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7580	4	STD
C264 Eng. Sleeved Eng.	4 CYL					M & W Sleeve Kit Sealed Power #SL1758,1761 Super M, MV White Machine Kit #G271H, Super M, 400 Basic Sleeve Kit #BA163,164 Ertel Sleeve Kit #SA217 Genuine Parts #S171, 173 McQuay Norris #SA172,244, 252, 253, 254	104.78	2.38 2.38 3.18 6.35	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7794	4	STD
INTERNATIONAL-TRUCKS & ENGINES												
Sleeved Eng.	6 CYL					B240, BD269, BLD269 Canada BD220, BD240, S220, S240, SD220, SD240 FAC269	90.49	2.38 3.18 3.18 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5047 2C5047030	6	STD 0.75
	6 CYL					BD220, BD240, BG220, BG241, SD220 3 Ring Piston	90.49	2.38 3.18 4.75	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5280 2C5280030	6	STD 0.75
	8 CYL					V266	92.08	2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	564 564020 564030	8	STD 0.50 0.75
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C564	8	STD
Sleeved Eng.	6 CYL					FBB3, FBB223, FBB298 Diesel Eng	95.25	3.18 3.18 3.18 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5028	6	STD
	6 CYL	4.2 L	4228	258		6-232	95.25	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	656 656010 656020 656030 656040 656060	6	STD 0.25 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C656 2C656010 2C656020 2C656030 2C656040 2C656060	6	STD 0.25 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M656 2M656010 2M656020 2M656030 2M656040 2M656060	6	STD 0.25 0.50 0.75 1.00 1.50
	8 CYL					V304, E V345, E	98.43	2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6302 6302010 6302020 6302030 6302040 6302060	8	STD 0.25 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6302 2C6302020 2C6302030 2C6302040 2C6302060	8	STD 0.50 0.75 1.00 1.50
									345 T PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M6302 2M6302030 2M6302040 2M6302060	8	STD 0.75 1.00 1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
INTERNATIONAL-TRUCKS & ENGINES												
	4 CYL	2.5 L	2491	152		152T Scout Comanche 4-152, 4-152E	98.43	2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6353 6353010 6353020 6353030 6353040 6353060	4	STD 0.25 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6353 2C6353010 2C6353020 2C6353030 2C6353040 2C6353060	4	STD 0.25 0.50 0.75 1.00 1.50
	8 CYL	6.9 L	6883	420		Diesel Eng	101.60	2.00 2.00 2.78	336 T PM DI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D5693 2D569325 2D569350 2D569375 2D5693100 2D5693150	8	STD 0.25 0.50 0.75 1.00 1.50
	8 CYL	6.9 L	6883	420		Diesel Eng Special .060 to .070 gap 2nd ring	101.60	2.00 2.00 2.78	336 T PM DI 130 RVT PC GI 553 CF CR GI 881 2PCO	2D5697 2D569725 2D569750 2D569775 2D5697100 2D5697150	8	STD 0.25 0.50 0.75 1.00 1.50
	8 CYL					V401 White Mach.Piston #A1173P V461	104.78	2.38 2.38 2.38 4.75	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C579 2C579020 2C579030 2C579040 2C579060	8	STD 0.50 0.75 1.00 1.50
	8 CYL					MV404, MV446, V392, E; V461, V392, V401, VS401	104.78	2.38 2.38 4.75	363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6094 2C6094020 2C6094030 2C6094040 2C6094060	8	STD 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M6094 2M6094030 2M6094040 2M6094060	8	STD 0.75 1.00 1.50
	4 CYL					196, 196E	104.78	2.35 2.35 4.75	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6593 2C6593020 2C6593030 2C6593040	4	STD 0.50 0.75 1.00
Sleeved Eng.	6 CYL					RD372 406, 450 Late Piston Zollner 4063 Piston	111.13	2.38 2.38 4.75	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6286	6	STD
	8 CYL					V549, FTV549 4 Ring Piston	114.30	2.38 2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	578	8	STD
									363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C578 2C578020 2C578030 2C578040 2C578060 2C578080	8	STD 0.50 0.75 1.00 1.50 2.00
	8 CYL					V478, V549, FTV549, VS478, VS549 3 Ring Piston	114.30	2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6309	8	STD
									363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6309 2C6309020 2C6309030 2C6309040 2C6309060	8	STD 0.50 0.75 1.00 1.50
	8 CYL	9.0 L	9013	550		DV550, B, S/N 15828-on, Zollner Piston #4185, 4253, 4288 Zollner Piston #4307C Use .010 Oversize for Std Diesel Eng	114.30	3.18 2.38 4.75	372 FKST CR DI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C4305 2C4305010 2C4305020	8	STD 0.25 0.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
ISUZU												
4EC1	4 CYL	1.5 L	1488		1974-90	Gemini	76.00	2.00	362 BF 3CR GI	2C4751	4	STD
4EC1T						Gemini Turbo		1.50	435 SCRP PC GI	2C4751020		0.50
						Diesel Eng		3.00	054 FV CR	2C4751030		0.75
									732 FV CR	2C4751040		1.00
4XC1	4 CYL	1.5 L	1471		1985-93	Gemini FF, Piazza	77.00	1.50	032 BF PC GI	4241	4	STD
OHC						Stylus		1.50	861 FV CR	4241020		0.50
						2 Ring Piston		2.80	732 FV CR	4241030		0.75
										4241040		1.00
									335 T PM DI	2M4241	4	STD
									861 FV CR	2M4241020		0.50
									732 FV CR	2M4241030		0.75
										2M4241040		1.00
4XC1-H, 4XC1-T	4 CYL	1.5 L	1471		1985-93	Turbo	77.00	1.20	398 BF CR S	2C4646	4	STD
								1.20	126 RVT PC GI	2C4646020		0.50
								2.80	861 FV CR	2C4646030		0.75
									732 FV CR	2C4646040		1.00
4EE1	4 CYL	1.7 L	1686		1990-93	Gemini, Stylus	79.00	2.00	032 BF PC GI	4758	4	STD
DOHC						Turbo Diesel		1.50	126 RVT PC GI	4758020		0.50
								3.00	054 FV CR			
									732 FV CR			
									335 T PM DI	2D4758	4	STD
									126 RVT PC GI	2D475850		0.50
									204 CF CR DI	2D4758100		1.00
									881 2PCO			
4EE1	4 CYL	1.7 L	1686		1990-93	Gemini, Stylus	79.00	2.00	217 BF CR DI	2C7424	1	STD
DOHC						Turbo Diesel		1.50	218 TF PC DI			
						w/2pc Oil		3.00	204 CF CR DI			
									881 2PCO			
4XE1, 4XE1W	4 CYL	1.6 L	1588		1988-93	Geo Storm, Stylus	80.00	1.20	398 BF CR S	2C4647	4	STD
								1.20	126 RVT PC GI	2C4647020		0.50
								3.00	054 FV CR	2C4647030		0.75
									732 FV CR	2C4647040		1.00
4XF1	4 CYL	1.8 L	1809		1992-93	Geo Storm Gsi, Stylus RS	80.00	1.20	398 BF CR S	2C4647	4	STD
								1.20	126 RVT PC GI	2C4647020		0.50
								3.00	054 FV CR	2C4647030		0.75
									732 FV CR	2C4647040		1.00
G161	4 CYL	1.6 L	1584		1974-88	Elf, Gemini	82.00	2.00	032 BF PC GI	4294	4	STD
G161Z						Elf, Gemini		2.00	126 RVT PC GI	4294020		0.50
								4.00	056 FV CR	4294030		0.75
									732 FV CR	4294040		1.00
										4294060		1.50
									362 BF 3CR GI	2C4294	4	STD
									126 RVT PC GI	2C4294010		0.25
									056 FV CR	2C4294020		0.50
									732 FV CR	2C4294030		0.75
										2C4294040		1.00
										2C4294060		1.50
									327 BF PM GI	2M4294	4	STD
									126 RVT PC GI			
									056 FV CR			
									732 FV CR			
G161-Z	4 CYL	1.6 L	1584		1975-85	Gemini, Rodeo	82.00	1.50	032 BF PC GI	4301	4	STD
						(KB 25, KB26)		1.50	126 RVT PC GI	4301020		0.50
								4.00	058 FV CR	4301030		0.75
									732 FV CR	4301040		1.00
										4301060		1.50
									327 BF PM GI	2M4301	4	STD
									126 RVT PC GI	2M4301020		0.50
									058 FV CR	2M4301030		0.75
									732 FV CR	2M4301040		1.00
										2M4301060		1.50
4ZA1	4 CYL	1.6 L	1584		1981-87	Fargo, Shuttle	82.00	1.50	362 BF 3CR GI	2C4926	4	STD
								1.50	126 RVT PC GI	2C4926020		0.50
								4.00	058 FV CR	2C4926030		0.75
									732 FV CR	2C4926040		1.00
4ZB1, 4FC1	4 CYL	1.8 L	1817	110	1982-84	Fargo	84.00	1.50	032 BF PC GI	4217	4	STD
								1.50	126 RVT PC GI	4217010		0.25
								4.00	058 FV CR	4217020		0.50
									732 FV CR	4217030		0.75
										4217040		1.00
										4217060		1.50
									336 T PM DI	2M4217	4	STD
									126 RVT PC GI	2M4217010		0.25
									058 FV CR	2M4217020		0.50
									732 FV CR	2M4217030		0.75
										2M4217040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
ISUZU												
G180SS, G180Z	4 CYL	1.8 L	1871	114	1973-85	Bellett GT, Gemini	84.00	2.00	032 BF PC GI	4247	4	STD
								2.00	126 RVT PC GI	4247020		0.50
								4.00	058 FV CR	4247030		0.75
									732 FV CR	4247040		1.00
										4247060		1.50
									362 BF 3CR GI	2C4247	4	STD
									126 RVT PC GI	2C4247010		0.25
									058 FV CR	2C4247020		0.50
									732 FV CR	2C4247030		0.75
										2C4247040		1.00
										2C4247060		1.50
F22B6 Honda Eng.	4 CYL	2.2 L	2156		1996-99	Oasis	85.00	1.20	398 BF CR S	2C4654	4	STD
								1.20	126 RVT PC GI	2C4654010		0.25
								2.80	861 FV CR	2C4654020		0.50
									732 FV CR	2C4654030		0.75
										2C4654040		1.00
C190	4 CYL	2.0 L	1951			Faster/Holden Rodeo, Florian	86.00	2.50	362 BF 3CR GI	2D4390	4	STD
								2.00	435 SCRP PC GI	2D439025		0.25
								5.00	553 CF CR GI			
									881 2PCO			
X22SE DOHC	4 CYL	2.2 L	2198		2001-04	Rodeo	86.00	1.20	398 BF CR S	2C4703	4	STD
								1.50	126 RVT PC GI	2C4703020		0.50
								2.50	995 FV CR	2C4703030		0.75
									732 FV CR	2C4703040		1.00
X22SE	4 CYL	2.2 L	2200		1998-00	Rodeo	86.00	1.50	032 BF PC GI	4601	4	STD
								1.50	126 RVT PC GI	4601020		0.50
								3.00	872 FV CR	4601030		0.75
									732 FV CR	4601040		1.00
										4601060		1.50
									397 BF PM S	2M4601	4	STD
									126 RVT PC GI	2M4601010		0.25
									872 FV CR	2M4601020		0.50
									732 FV CR	2M4601030		0.75
										2M4601040		1.00
										2M4601060		1.50
C240	4 CYL	2.4 L	2369				86.00	2.50	362 BF 3CR GI	2D4390	4	STD
								2.00	435 SCRP PC GI	2D439025		0.25
								5.00	553 CF CR GI			
									881 2PCO			
G200Z	4 CYL	2.0 L	1949	119	1983-87	Trooper	87.00	1.50	102 T PC GI	6149	4	STD
								1.50	102 T PC GI	6149010		0.25
								4.00	058 FV CR	6149020		0.50
									732 FV CR	6149030		0.75
										6149040		1.00
										6149060		1.50
									362 BF 3CR GI	2C6149	4	STD
									102 T PC GI	2C6149010		0.25
									058 FV CR	2C6149020		0.50
									732 FV CR	2C6149030		0.75
										2C6149040		1.00
									327 BF PM GI	2M6149	4	STD
									102 T PC GI	2M6149010		0.25
									058 FV CR	2M6149020		0.50
									732 FV CR	2M6149030		0.75
										2M6149040		1.00
G200Z	4 CYL	2.0 L	1949	119	1982	Trooper	87.00	2.00	032 BF PC GI	6157	4	STD
								2.00	126 RVT PC GI	6157020		0.50
								4.00	056 FV CR	6157030		0.75
									732 FV CR	6157040		1.00
										6157060		1.50
									362 BF 3CR GI	2C6157	4	STD
									126 RVT PC GI	2C6157020		0.50
									056 FV CR	2C6157030		0.75
									732 FV CR	2C6157040		1.00
									327 BF PM GI	2M6157	4	STD
									126 RVT PC GI	2M6157020		0.50
									056 FV CR	2M6157030		0.75
									732 FV CR	2M6157040		1.00
ZNG200	4 CYL	2.0 L	2000		1983-86	Impulse	87.00	1.50	335 T PM DI	2M4207	4	STD
								1.50	102 T PC GI	2M4207010		0.25
								4.00	058 FV CR	2M4207020		0.50
									732 FV CR	2M4207030		0.75
										2M4207040		1.00
										2M4207060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
ISUZU												
4ZC1, 4ZC1-T	4 CYL	2.0 L	1994		1985-89	Aska, Piazza	88.00	1.50	362 BF 3CR GI	2C4365	4	STD
						Turbo		1.50	126 RVT PC GI	2C4365020		0.50
								4.00	856 FV CR	2C4365030		0.75
									732 FV CR	2C4365040		1.00
										2C4365060		1.50
LN2	4 CYL	2.2 L	2197		1996-99	Hombre	89.00	1.50	032 BF PC GI	6209	4	STD
								1.50	126 RVT PC GI	6209010		0.25
								3.00	872 FV CR	6209020		0.50
									005 FV CR	6209030		0.75
										6209040		1.00
										6209060		1.50
									397 BF PM S	2M6209	4	STD
									126 RVT PC GI	2M6209020		0.50
									872 FV CR	2M6209030		0.75
									005 FV CR	2M6209040		1.00
										2M6209060		1.50
	6 CYL	2.8 L	2827		1989-91	Trooper	89.00	1.50	032 BF PC GI	6194	6	STD
								2.00	126 RVT PC GI	6194020		0.50
								4.75	872 FV CR	6194030		0.75
									732 FV CR	6194040		1.00
										6194060		1.50
									397 BF PM S	2M6194	6	STD
									126 RVT PC GI	2M6194010		0.25
									872 FV CR	2M6194020		0.50
									732 FV CR	2M6194030		0.75
										2M6194040		1.00
										2M6194060		1.50
	6 CYL	3.1 L	3097		1991-93	Rodeo	89.00	1.50	032 BF PC GI	4456	6	STD
								1.50	126 RVT PC GI	4456010		0.25
								4.00	872 FV CR	4456020		0.50
									732 FV CR	4456030		0.75
										4456040		1.00
										4456060		1.50
									397 BF PM S	2M4456	6	STD
									126 RVT PC GI	2M4456010		0.25
									872 FV CR	2M4456020		0.50
									732 FV CR	2M4456030		0.75
										2M4456040		1.00
										2M4456060		1.50
4ZD1	4 CYL	2.3 L	2254		1986-93	Amigo, Rodeo, MU, Wizard	89.30	1.50	032 BF PC GI	4603	4	STD
								1.50	126 RVT PC GI	4603010		0.25
								4.00	058 FV CR	4603020		0.50
									732 FV CR	4603030		0.75
										4603040		1.00
										4603060		1.50
									363 BF CR GI	2C4603	4	STD
									126 RVT PC GI	2C4603010		0.25
									058 FV CR	2C4603020		0.50
									732 FV CR	2C4603030		0.75
										2C4603040		1.00
										2C4603060		1.50
4ZE1	4 CYL	2.6 L	2559	156	1986-97	Amigo, Pickup, Trooper II	92.60	1.50	032 BF PC GI	4637	4	STD
								1.50	126 RVT PC GI	4637020		0.50
								4.00	870 FV CR	4637030		0.75
									732 FV CR	4637040		1.00
									335 T PM DI	2M4637	4	STD
									126 RVT PC GI	2M4637010		0.25
									870 FV CR	2M4637020		0.50
									732 FV CR	2M4637030		0.75
										2M4637040		1.00
										2M4637060		1.50
4JA1	4 CYL	2.5 L	2499		1983-90	Campo	93.00	2.00	252 BF PC GI	7384	1	STD
						Turbo Diesel		2.00	218 TF PC DI			
						Chrome Sleeves		4.00	200 CF PC GI			
						use 7384 only			881 2PCO			
									217 BF CR DI	2C7384	1	STD
									218 TF PC DI			
									204 CF CR DI			
									881 2PCO			
4JB1, 4JB1-T	4 CYL	2.7 L	2772		1985-03	Elf Box, Chassis, Trooper	93.00	2.00	252 BF PC GI	7384	1	STD
						Turbo Diesel		2.00	218 TF PC DI			
						Chrome Sleeves		4.00	200 CF PC GI			
						use 7384 only			881 2PCO			
									217 BF CR DI	2C7384	1	STD
									218 TF PC DI			
									204 CF CR DI			
									881 2PCO			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
ISUZU												
6VD1	6 CYL	3.2 L	3165		1992-96	Faster, Rodeo, Trooper	93.40	1.50 1.50 4.00	327 BF PM GI 126 RVT PC GI 870 FV CR 732 FV CR	2M4791 2M4791010 2M4791020 2M4791030 2M4791040	6	STD 0.25 0.50 0.75 1.00
6VD1	6 CYL	3.2 L	3165		1997-05	Faster, Rodeo, Trooper	93.40	1.50 1.50 3.00	327 BF PM GI 126 RVT PC GI 997 FV CR 732 FV CR	2M4945 2M4945020 2M4945030 2M4945040	6	STD 0.50 0.75 1.00
6VE1	6 CYL	3.5 L	3494		1996-04	Axiom, Rodeo, Trooper	93.40	1.50 1.50 3.00	327 BF PM GI 126 RVT PC GI 997 FV CR 732 FV CR	2M4945 2M4945020 2M4945030 2M4945040	6	STD 0.50 0.75 1.00
6VE1	6 CYL	3.5 L	3494		2005-08	Axiom, Rodeo, Trooper	93.40	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 934 FV CR 732 FV CR	2C4571 2C4571020 2C4571040	6	STD 0.50 1.00
4JK1-TC	4 CYL	2.5 L	2499		2004-13	D-Max	95.40	2.00 1.50 3.00	232 HKST CR DI 435 SCRP PC GI 203 CF GN SS 881 2PCO	2D7225	4	STD
4JJ1-TC	4 CYL	3.0 L	2999			Rodeo	95.40	2.00 1.50 3.00	232 HKST CR DI 435 SCRP PC GI 203 CF GN SS 881 2PCO	2D7225	4	STD
4JH1	4 CYL	3.1 L	3059			Faster, Rodeo D-Max Diesel Eng Chrome Plated Cylinder	95.40	2.50 2.00 3.00	110 BF PC DI 435 SCRP PC GI 203 CF GN SS 881 2PCO	2D7188	4	STD
4HK1TC OHC	4 CYL	5.2 L	5193		2009-On	ELF 400, 450, 500, 600 Turbo Diesel	115.00	3.00 2.50 4.00	370 HKST 3CR GI 401 SCRP PC GI 553 CF CR GI 881 2PCO	2C7456	4	STD
IVECO												
F1AE	4 CYL	2.3 L	2287			Turbo Diesel	88.00	2.50 2.00 2.50	221 FKST CC DI 206 TF PC DI 204 CF CR DI 881 2PCO	2D7138	1	STD
8140.23, 8140.43, 8140.43C	4 CYL	2.8 L	2798			Turbo Diesel	94.40	3.00 2.00 3.00	225 FKST CR DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2C7353	1	STD
8140.63 Euro, Sofim	4 CYL	2.8 L	2798			Turbo Diesel	94.40	3.00 2.00 2.50	225 FKST CR DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2C7449	1	STD
8140.23, 8140.43, 8140.43C	4 CYL	2.8 L	2798		1999-06	Turbo Diesel	94.40	2.50 2.00 2.50	233 FKST PM DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2M7450	1	STD
F1CE	4 CYL	3.0 L	2998			441A, 481A Turbo Diesel	95.80	2.50 2.00 2.50	221 FKST CC DI 206 TF PC DI 204 CF CR DI 881 2PCO	2D7347	1	STD
JAGUAR												
XK 2.4	6 CYL	2.4 L	2400		1949-64	3 1/2, Mark VII, XK120, XK140, XK150	83.00	2.00 2.00 4.00	102 T PC GI 401 SCRP PC GI 058 FV CR 732 FV CR	5782 5782060	6	STD 1.50
XK 3.4	6 CYL	3.4 L	3400		1949-64	3 1/2, Mark VII, XK120, XK140, XK150	83.00	2.00 2.00 4.00	102 T PC GI 401 SCRP PC GI 058 FV CR 732 FV CR	5782 5782060	6	STD 1.50
306PS	6 CYL	3.0 L	2995		2012-17	F-PACE, F-TYPE XE, XF, XJ	84.50	1.20 1.20 2.00	398 BF CR S 610 RVT PC GI 993 FV CR 005 FV CR	2C5303	6	STD
224DT	4 CYL	2.2 L	2179		2011-On	XF Diesel Eng Incl. Turbo	85.00	2.50 2.00 2.00	273 FKST BF CC DI 126 RVT PC GI 248 CF CR 881 2PCO	2D7549 2D754925 2D754950	4	STD 0.25 0.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
JAGUAR												
XK-E	6 CYL	3.8 L	2400	231	1959-68	Mark IX, Mark X,	87.00	2.00	032 BF PC GI	5957	6	STD
								2.00	401 SCRP PC GI	5957020		1.50
								4.00	056 FV CR	5957030		
									732 FV CR	5957040		
									362 BF 3CR GI	2C5957	6	STD
									401 SCRP PC GI	2C5957020		
									056 FV CR	2C5957030		
									732 FV CR			
204PT	4 CYL	2.0 L	1999		2012-17	F-Pace, XE, XF, XJ	87.50	1.20	398 BF CR S	2C4150	4	STD
								1.50	126 RVT PC GI			
								2.00	993 FV CR			
									005 FV CR			
204PT	4 CYL	2.0 L	1999		2012-15	XE, XF, XJ	87.50	1.20	398 BF CR S	2C5282	4	STD
								1.20	126 RVT PC GI	2C528250		0.50
								2.00	993 FV CR	2C528275		0.75
									005 FV CR	2C5282100		1.00
									326 TBF GN SS	2N5282	4	STD
									126 RVT PC GI	2N528250		0.50
									993 FV CR			
									005 FV CR			
	12 CYL	5.3 L	5343		1975-92	XJS	89.99	1.60	362 BF 3CR GI	2C4441	12	STD
						XJ12		2.00	126 RVT PC GI	2C4441020		0.50
						XKE Series III		4.00	056 FV CR	2C4441030		0.75
									732 FV CR			
F1CE	6 CYL	4.0 L	3980		1997-On	XJR6	91.00	1.50	335 T PM DI	2M5120	6	STD
								1.50	126 RVT PC GI	2M5120020		0.50
								3.00	872 FV CR	2M5120030		0.75
									732 FV CR	2M5120040		1.00
XK 4.2	6 CYL	4.2 L	4200		1964-91	XJ6, Mark I & II	92.00	2.00	032 BF PC GI	6800	6	STD
XK-E						Deep Oil Ring Grv.		2.00	126 RVT PC GI	6800020		0.50
								4.75	860 FV CR	6800040		1.00
									732 FV CR			
									362 BF 3CR GI	2C6800	6	STD
									126 RVT PC GI	2C6800010		0.25
									860 FV CR	2C6800020		0.50
									732 FV CR	2C6800030		0.75
										2C6800040		1.00
XK 4.2	6 CYL	4.2 L	4200		1971-92	XJ6, XJ6 Series III	92.00	2.00	032 BF PC GI	4625	6	STD
						Shallow Oil Ring Grv.		2.00	126 RVT PC GI	4625010		0.25
								4.75	860 FV CR	4625020		0.50
									732 FV CR	4625030		0.75
										4625040		1.00
									362 BF 3CR GI	2C4625	6	STD
									126 RVT PC GI	2C4625010		0.25
									860 FV CR	2C4625020		0.50
									732 FV CR	2C4625030		0.75
										2C4625040		1.00
AJ133	8 CYL	5.0 L	4999		2009-18	F-Type, XF, XJ, XK, XKR	92.50	1.20	398 BF CR S	2C4147	8	STD
								1.50	401 SCRP PC GI	2C4147020		0.50
								2.00	991 FV CR			
									005 FV CR			
JEEP												
Vin Q	4 CYL	1.5 L	1468	92	1991-96	Eagle	75.50	1.20	398 BF CR S	2C4668	4	STD
						12 Valve		1.50	126 RVT PC GI	2C4668010		0.25
								3.00	054 FV CR	2C4668020		0.50
									732 FV CR	2C4668030		0.75
										2C4668040		1.00
										2C4668060		1.50
	4 CYL	1.5 L	1468	92	1988-92	Eagle	75.50	1.50	032 BF PC GI	5716	4	STD
								1.50	126 RVT PC GI	5716010		0.25
								4.00	058 FV CR	5716020		0.50
									732 FV CR	5716030		0.75
										5716040		1.00
										5716060		1.50
									363 BF CR GI	2C5716	4	STD
									126 RVT PC GI	2C5716010		0.25
									058 FV CR	2C5716020		0.50
									732 FV CR	2C5716030		0.75
										2C5716040		1.00
										2C5716060		1.50
									327 BF PM GI	2M5716	4	STD
									126 RVT PC GI	2M5716010		0.25
									058 FV CR	2M5716020		0.50
									732 FV CR	2M5716030		0.75
										2M5716040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
JEEP												
CJ2A, CJ3A, MB, 475	4 CYL	2.2 L	2196	134	1940-74	3 Ring Piston	79.38	2.38	032 BF PC GI	828	4	STD
								2.38	126 RVT PC GI	828020		0.50
								4.75	871 FV CR	828030		0.75
									732 FV CR	828040		1.00
										828060		1.50
										828080		2.00
									362 BF 3CR GI	2C828	4	STD
									126 RVT PC GI	2C828020		0.50
									871 FV CR	2C828030		0.75
									732 FV CR	2C828040		1.00
										2C828060		1.50
	4 CYL	1.8 L	1754	107	1989-94	Eagle	80.60	1.50	032 BF PC GI	4367	4	STD
								1.50	401 SCRP PC GI	4367020		0.50
								4.00	058 FV CR	4367030		0.75
									732 FV CR	4367040		1.00
									363 BF CR GI	2C4367	4	STD
									401 SCRP PC GI	2C4367020		0.50
									058 FV CR	2C4367030		0.75
									732 FV CR	2C4367040		1.00
										2C4367060		1.50
4G93 Mitsubishi Eng	4 CYL	2.9 L	2966	181	1996		81.00	1.20	398 BF CR S	2C4769	4	STD
								1.20	126 RVT PC GI	2C4769020		0.50
								2.80	997 FV CR	2C4769030		0.75
									732 FV CR	2C4769040		1.00
DOHC	4 CYL	1.6 L	1595	98	1989-90	Eagle	82.30	1.20	398 BF CR S	2C4669	4	STD
								1.50	126 RVT PC GI	2C4669020		0.50
								3.00	997 FV CR	2C4669030		0.75
									732 FV CR	2C4669040		1.00
OM 651.925 Mercedes Eng	4 CYL	2.2 L	2143		2010-on	Compass Diesel Eng	83.00	2.00	255 TBF CC DI	2D7440	4	STD
								1.75	123 RVT PC DI	2D744025		0.25
								2.00	248 CF CR	2D744050		0.50
									881 2PCO			
6-226, L6-226	6 CYL				1955-62	Panel Delivery, Station Sedan, FC170	84.14	2.38	032 BF PC GI	4233	6	STD
								2.38	126 RVT PC GI	4233040		1.00
								4.00	860 FV CR			
									732 FV CR			
								4.00	501 1PCO PC GI			
									901 GL			
OHC	6 CYL	3.8 L	3769	230	1962-66	Tornada, A, B Series	84.94	2.00	032 BF PC GI	834	6	STD
								2.00	126 RVT PC GI	834030		0.75
								4.75	860 FV CR	834040		1.00
									732 FV CR			
									362 BF 3CR GI	2C834	6	STD
									126 RVT PC GI	2C834030		0.75
									860 FV CR	2C834040		1.00
									732 FV CR			
DOHC	4 CYL	2.0 L	1997	122	1990-93	Eagle Incl. Turbo	85.00	1.20	398 BF CR S	2C4613	4	STD
								1.50	126 RVT PC GI	2C4613010		0.25
								3.00	054 FV CR	2C4613020		0.50
									732 FV CR	2C4613030		0.75
										2C4613040		1.00
4G63 Mitsubishi Eng DOHC	4 CYL	2.0 L	1997		1993-94	Incl. Turbo	85.00	1.20	398 BF CR S	2C4768	4	STD
								1.50	126 RVT PC GI	2C4768010		0.25
								3.00	997 FV CR	2C4768020		0.50
									732 FV CR	2C4768030		0.75
										2C4768040		1.00
										2C4768060		1.50
4G63 Mitsubishi Eng DOHC	4 CYL	2.0 L	1997	122	1995-98	Incl. Turbo	85.00	1.20	398 BF CR S	2C4933	4	STD
								1.50	126 RVT PC GI	2C4933010		0.25
								2.80	997 FV CR	2C4933020		0.50
									732 FV CR	2C4933030		0.75
										2C4933040		1.00
										2C4933060		1.50
ECN Vin:A	4 CYL	2.0 L	1997	122	2009-15	World Eng.	86.00	1.20	398 BF CR S	2C4835	4	STD
								1.20	126 RVT PC GI	2C4835020		0.50
								2.00	993 FV CR	2C4835030		0.75
									005 FV CR	2C4835040		1.00
T	4 CYL	2.4 L	2393	146	1992-93		86.50	1.50	032 BF PC GI	4638	4	STD
								1.50	126 RVT PC GI	4638020		0.50
								4.00	058 FV CR	4638030		0.75
									732 FV CR	4638040		1.00
										4638060		1.50
									362 BF 3CR GI	2C4638	4	STD
									126 RVT PC GI	2C4638010		0.25
									058 FV CR	2C4638020		0.50
									732 FV CR	2C4638030		0.75
										2C4638040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
JEEP												
829, J6R, ZEJ J5R-800 Renault Eng.	4 CYL	2.0 L	1995		1979-88	CJ-7 Laredo CJ5-CJ8	88.00	1.75 2.00 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	4257	4	STD
									327 BF PM GI 126 RVT PC GI 056 FV CR 732 FV CR	2M4257 2M4257010	4	STD 0.25
Vin:2	4 CYL	2.4 L	2360	144	2007-15	World Eng.	88.00	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C5297 2C5297020 2C5297030 2C5297040	4	STD 0.50 0.75 1.00
	6 CYL	2.8 L	2835	173	1984	Deep Oil Ring Grv.	89.00	1.50 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5632 5632010 5632020 5632030 5632040 5632060	6	STD 0.25 0.50 0.75 1.00 1.50
									363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5632 2C5632020 2C5632030 2C5632040 2C5632060	6	STD 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 860 FV CR 732 FV CR	2M5632 2M5632010 2M5632020 2M5632030 2M5632040 2M5632060	6	STD 0.25 0.50 0.75 1.00 1.50
	6 CYL	2.8 L	2835	173	1985-86	Shallow Oil Ring Grv.	89.00	1.50 2.00 4.75	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	6194 6194020 6194030 6194040 6194060	6	STD 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2M6194 2M6194010 2M6194020 2M6194030 2M6194040 2M6194060	6	STD 0.25 0.50 0.75 1.00 1.50
EHB, EHK VIN: S, X	6 CYL	3.2 L	3239	198	2014-20	Cherokee	91.00	1.20 1.20 2.00	397 BF PM S 406 N PC DI 991 FV CR 005 FV CR	2M4577	6	STD
Sleeved Eng.	6 CYL	3.0 L	2982	182	1988-93	Eagle, Renault	93.00	1.75 1.75 3.50	363 BF CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C4672	6	STD
	6 CYL	3.3 L	3294	201	1993-97		93.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4636 4636020 4636030 4636040 4636060	6	STD 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 872 FV CR 732 FV CR	2M4636 2M4636010 2M4636020 2M4636030 2M4636040 2M4636060	6	STD 0.25 0.50 0.75 1.00 1.50
Vin: K	6 CYL	3.7 L	3703	226	1999-11		93.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4636 4636020 4636030 4636040 4636060	6	STD 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 872 FV CR 732 FV CR	2M4636 2M4636010 2M4636020 2M4636030 2M4636040 2M4636060	6	STD 0.25 0.50 0.75 1.00 1.50
Vin: P	8 CYL	4.7 L	4670	285	2008-13	Cherokee	93.00	1.20 1.50 2.50	397 BF PM S 126 RVT PC GI 995 FV CR 732 FV CR	2M5165 2M5165010 2M5165020 2M5165030 2M5165040	8	STD 0.25 0.50 0.75 1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
JEEP												
Vin: N	8 CYL	4.7 L	4703	287	1999-07	Cherokee	93.00	1.50	032 BF PC GI	4790	8	STD
								1.50	126 RVT PC GI	4790010		0.25
								3.00	872 FV CR	4790020		0.50
									732 FV CR	4790030		0.75
										4790040		1.00
									335 T PM DI	2M4790	8	STD
									126 RVT PC GI	2M4790010		0.25
									872 FV CR	2M4790020		0.50
									732 FV CR	2M4790030		0.75
										2M4790040		1.00
	6 CYL	3.7 L	3687	225	1966-71		95.25	2.00	032 BF PC GI	656	6	STD
								2.00	126 RVT PC GI	656010		0.25
								4.75	860 FV CR	656020		0.50
									732 FV CR	656030		0.75
										656040		1.00
										656060		1.50
									362 BF 3CR GI	2C656	6	STD
									126 RVT PC GI	2C656010		0.25
									860 FV CR	2C656020		0.50
									732 FV CR	2C656030		0.75
										2C656040		1.00
										2C656060		1.50
									327 BF PM GI	2M656	6	STD
									126 RVT PC GI	2M656010		0.25
									860 FV CR	2M656020		0.50
									732 FV CR	2M656030		0.75
										2M656040		1.00
										2M656060		1.50
	6 CYL	3.8 L	3802	232	1966-83		95.25	2.00	032 BF PC GI	656	6	STD
								2.00	126 RVT PC GI	656010		0.25
								4.75	860 FV CR	656020		0.50
									732 FV CR	656030		0.75
										656040		1.00
										656060		1.50
									362 BF 3CR GI	2C656	6	STD
									126 RVT PC GI	2C656010		0.25
									860 FV CR	2C656020		0.50
									732 FV CR	2C656030		0.75
										2C656040		1.00
										2C656060		1.50
									327 BF PM GI	2M656	6	STD
									126 RVT PC GI	2M656010		0.25
									860 FV CR	2M656020		0.50
									732 FV CR	2M656030		0.75
										2M656040		1.00
										2M656060		1.50
	6 CYL	4.2 L	4228	258	1971-90		95.25	2.00	032 BF PC GI	656	6	STD
								2.00	126 RVT PC GI	656010		0.25
								4.75	860 FV CR	656020		0.50
									732 FV CR	656030		0.75
										656040		1.00
										656060		1.50
									362 BF 3CR GI	2C656	6	STD
									126 RVT PC GI	2C656010		0.25
									860 FV CR	2C656020		0.50
									732 FV CR	2C656030		0.75
										2C656040		1.00
										2C656060		1.50
									327 BF PM GI	2M656	6	STD
									126 RVT PC GI	2M656010		0.25
									860 FV CR	2M656020		0.50
									732 FV CR	2M656030		0.75
										2M656040		1.00
										2M656060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
JEEP												
	8 CYL	5.0 L	4982	304	1971-81		95.25	2.00	032 BF PC GI	568	8	STD
								2.00	126 RVT PC GI	568010		0.25
								4.75	860 FV CR	568020		0.50
									732 FV CR	568030		0.75
										568040		1.00
										568060		1.50
										568080		2.00
										568100		2.50
									363 BF CR GI	2C568	8	STD
									126 RVT PC GI	2C568010		0.25
									860 FV CR	2C568020		0.50
									732 FV CR	2C568030		0.75
										2C568040		1.00
										2C568060		1.50
									327 BF PM GI	2M568	8	STD
									126 RVT PC GI	2M568010		0.25
									860 FV CR	2M568020		0.50
									732 FV CR	2M568030		0.75
										2M568040		1.00
										2M568060		1.50
										2M568080		2.00
										2M568100		2.50
	6 CYL	3.5 L	5146	314	1993-94		96.00	1.50	032 BF PC GI	4648	6	STD
								1.50	126 RVT PC GI	4648010		0.25
								3.00	872 FV CR	4648020		0.50
									732 FV CR	4648030		0.75
										4648040		1.00
										4648060		1.50
									327 BF PM GI	2M4648	6	STD
									126 RVT PC GI	2M4648020		0.50
									872 FV CR	2M4648030		0.75
									732 FV CR	2M4648040		1.00
										2M4648060		1.50
G	6 CYL	3.6 L	3604	220	2010-18	Grand Cherokee, Wrangler	96.00	1.20	398 BF CR S	2C4550	6	STD
								1.20	126 RVT PC GI	2C4550020		0.50
								2.00	991 FV CR	2C4550030		0.75
									005 FV CR	2C4550040		1.00
Vin:1	6 CYL	3.8 L	3785	231	2001-12	Wrangler	96.00	1.20	398 BF CR S	2C4890	6	STD
								1.50	126 RVT PC GI	2C4890004		0.10
								3.00	872 FV CR	2C4890010		0.25
									732 FV CR	2C4890020		0.50
										2C4890030		0.75
										2C4890040		1.00
										2C4890060		1.50
									397 BF PM S	2M4890	6	STD
									126 RVT PC GI	2M4890010		0.25
									872 FV CR	2M4890020		0.50
									732 FV CR	2M4890030		0.75
										2M4890040		1.00
	8 CYL	5.7 L	5735	350	1968-71		96.52	2.00	032 BF PC GI	696	8	STD
								2.00	126 RVT PC GI	696010		0.25
								4.75	860 FV CR	696020		0.50
									732 FV CR	696030		0.75
										696040		1.00
										696060		1.50
									362 BF 3CR GI	2C696	8	STD
									126 RVT PC GI	2C696010		0.25
									860 FV CR	2C696020		0.50
									732 FV CR	2C696030		0.75
										2C696040		1.00
										2C696060		1.50
									327 BF PM GI	2M696	8	STD
									126 RVT PC GI	2M696020		0.50
									860 FV CR	2M696030		0.75
									732 FV CR	2M696040		1.00
										2M696060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
JEEP												
	4 CYL	2.5 L	2458	150	1983-95	Eagle	98.43	2.00	032 BF PC GI	665	4	STD
								2.00	126 RVT PC GI	665010		0.25
								4.75	860 FV CR	665020		0.50
									732 FV CR	665030		0.75
										665040		1.00
										665060		1.50
									362 BF 3CR GI	2C665	4	STD
									126 RVT PC GI	2C665010		0.25
									860 FV CR	2C665020		0.50
									732 FV CR	2C665030		0.75
										2C665040		1.00
										2C665060		1.50
									327 BF PM GI	2M665	4	STD
									126 RVT PC GI	2M665010		0.25
									860 FV CR	2M665020		0.50
									732 FV CR	2M665030		0.75
										2M665040		1.00
										2M665060		1.50
										2M665080		2.00
L4	4 CYL	2.5 L	2458	150	1996-02		98.43	1.50	032 BF PC GI	4925	4	STD
Vin P								1.50	126 RVT PC GI	4925020		0.50
								4.00	056 FV CR	4925030		0.75
									732 FV CR	4925040		1.00
										4925060		1.50
									327 BF PM GI	2M4925	4	STD
									126 RVT PC GI	2M4925020		0.50
									056 FV CR	2M4925030		0.75
									732 FV CR	2M4925040		1.00
										2M4925060		1.50
	6 CYL	4.0 L	3966	242	1986-95		98.43	2.00	032 BF PC GI	667	6	STD
								2.00	126 RVT PC GI	667010		0.25
								4.75	860 FV CR	667020		0.50
									732 FV CR	667030		0.75
										667040		1.00
										667060		1.50
										667080		2.00
									362 BF 3CR GI	2C667	6	STD
									126 RVT PC GI	2C667010		0.25
									860 FV CR	2C667020		0.50
									732 FV CR	2C667030		0.75
										2C667040		1.00
										2C667060		1.50
										2C667080		2.00
									327 BF PM GI	2M667	6	STD
									126 RVT PC GI	2M667010		0.25
									860 FV CR	2M667020		0.50
									732 FV CR	2M667030		0.75
										2M667040		1.00
										2M667060		1.50
										2M667080		2.00
Vin:S	6 CYL	4.0 L	3966	242	1996-06	Shallow Oil Ring Grv.	98.43	1.50	032 BF PC GI	4815	6	STD
								1.50	126 RVT PC GI	4815020		0.50
								4.00	056 FV CR	4815030		0.75
									732 FV CR	4815040		1.00
									327 BF PM GI	2M4815	6	STD
									126 RVT PC GI	2M4815020		0.50
									056 FV CR	2M4815030		0.75
									732 FV CR	2M4815040		1.00
										2M4815060		1.50
	6 CYL	4.0 L	3966	242		Powertech, Cherokee	98.43	2.00	032 BF PC GI	9549	2	STD
						Export		2.00	126 RVT PC GI	9549020		0.50
								4.75	860 FV CR	9549030		0.75
									732 FV CR	9549040		1.00
										9549060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
JEEP												
	8 CYL	5.2 L	5211	318	1992-97	Shallow Oil Ring Grv.	99.31	2.00	032 BF PC GI	4735	8	STD
								2.00	126 RVT PC GI	4735020		0.50
								4.00	872 FV CR	4735030		0.75
									732 FV CR	4735040		1.00
										4735060		1.50
									363 BF CR GI	2C4735	8	STD
									126 RVT PC GI	2C4735020		0.50
									872 FV CR	2C4735030		0.75
									732 FV CR	2C4735040		1.00
										2C4735060		1.50
									397 BF PM S	2M4735	8	STD
									126 RVT PC GI	2M4735020		0.50
									872 FV CR	2M4735030		0.75
									732 FV CR	2M4735040		1.00
										2M4735060		1.50
Vin: D,H,2	8 CYL	5.7 L	5703	348	2003-08	Hemi	99.50	1.50	032 BF PC GI	5097	8	STD
								1.50	126 RVT PC GI	5097010		0.25
								3.00	997 FV CR	5097020		0.50
									732 FV CR	5097030		0.75
										5097040		1.00
									397 BF PM S	2M5097	8	STD
									126 RVT PC GI	2M5097010		0.25
									997 FV CR	2M5097020		0.50
									732 FV CR	2M5097030		0.75
										2M5097040		1.00
										2M5097060		1.50
	4 CYL	2.5 L	2474	151	1980	Deep Oil Ring Grv.	101.60	2.00	032 BF PC GI	5570	4	STD
								2.00	126 RVT PC GI	5570020		0.50
								4.75	860 FV CR	5570030		0.75
									732 FV CR	5570040		1.00
										5570060		1.50
									362 BF 3CR GI	2C5570	4	STD
									126 RVT PC GI	2C5570020		0.50
									860 FV CR	2C5570030		0.75
									732 FV CR	2C5570040		1.00
										2C5570060		1.50
									397 BF PM S	2M5570	4	STD
									126 RVT PC GI	2M5570020		0.50
									860 FV CR	2M5570030		0.75
									732 FV CR	2M5570040		1.00
										2M5570060		1.50
										2M5570065		1.63
	4 CYL	2.5 L	2474	151	1981	Shallow Oil Ring Grv.	101.60	2.00	032 BF PC GI	5630	4	STD
								2.00	126 RVT PC GI	5630020		0.50
								4.75	872 FV CR	5630030		0.75
									732 FV CR	5630040		1.00
									362 BF 3CR GI	2C5630	4	STD
									126 RVT PC GI	2C5630020		0.50
									872 FV CR	2C5630030		0.75
									732 FV CR	2C5630040		1.00
										2C5630060		1.50
									397 BF PM S	2M5630	4	STD
									126 RVT PC GI	2M5630020		0.50
									872 FV CR	2M5630030		0.75
									732 FV CR	2M5630040		1.00
	4 CYL	2.5 L	2474	151	1982-84	Shallow Oil Ring Grv.	101.60	1.60	032 BF PC GI	5663	4	STD
								2.00	126 RVT PC GI	5663020		0.50
								4.75	872 FV CR	5663030		0.75
									732 FV CR	5663040		1.00
										5663060		1.50
									362 BF 3CR GI	2C5663	4	STD
									126 RVT PC GI	2C5663020		0.50
									872 FV CR	2C5663030		0.75
									732 FV CR	2C5663040		1.00
										2C5663060		1.50
									327 BF PM GI	2M5663	4	STD
									126 RVT PC GI	2M5663020		0.50
									872 FV CR	2M5663030		0.75
									732 FV CR	2M5663040		1.00
										2M5663060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
JEEP												
	8 CYL	5.4 L	5359	327	1966-68		101.60	2.00	032 BF PC GI	139	8	STD
								2.00	126 RVT PC GI	139010		0.25
								4.75	860 FV CR	139020		0.50
									732 FV CR	139030		0.75
										139040		1.00
										139060		1.50
										139070		1.75
										139080		2.00
										139100		2.50
									362 BF 3CR GI	2C139	8	STD
									126 RVT PC GI	2C139010		0.25
									860 FV CR	2C139020		0.50
									732 FV CR	2C139030		0.75
										2C139040		1.00
										2C139060		1.50
										2C139070		1.75
										2C139080		2.00
									397 BF PM S	2M139	8	STD
									126 RVT PC GI	2M139005		0.13
									860 FV CR	2M139010		0.25
									732 FV CR	2M139020		0.50
										2M139030		0.75
										2M139040		1.00
										2M139060		1.50
										2M139070		1.75
										2M139080		2.00
										2M139100		2.50
	8 CYL	5.9 L	5899	360	1998		101.60	1.50	032 BF PC GI	4346	8	STD
								1.50	126 RVT PC GI	4346020		0.50
								4.00	635 FV CR	4346030		0.75
									732 FV CR	4346040		1.00
										4346060		1.50
									327 BF PM GI	2M4346	8	STD
									126 RVT PC GI	2M4346010		0.25
									635 FV CR	2M4346020		0.50
									732 FV CR	2M4346030		0.75
										2M4346040		1.00
										2M4346060		1.50
	8 CYL	6.1 L	6063	370	2005-10		103.00	1.50	397 BF PM S	2M4907	8	STD
								1.50	126 RVT PC GI	2M4907010		0.25
								3.00	054 FV CR	2M4907020		0.50
									732 FV CR	2M4907030		0.75
										2M4907040		1.00
										2M4907060		1.50
	8 CYL	5.9 L	5899	360	1971-91		103.63	2.00	032 BF PC GI	693	8	STD
								2.00	126 RVT PC GI	693020		0.50
								4.75	860 FV CR	693030		0.75
									732 FV CR	693040		1.00
										693060		1.50
									362 BF 3CR GI	2C693	8	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
									327 BF PM GI	2M693	8	STD
									126 RVT PC GI	2M693020		0.50
									860 FV CR	2M693030		0.75
									732 FV CR	2M693040		1.00
										2M693060		1.50
ESD Supercharged	8 CYL	6.2L	6166	376	2018	Grand Cherokee	103.90	1.20	397 BF PM S	2M4161	8	STD
								1.20	406 N PC DI			
								2.00	991 FV CR			
									732 FV CR			
ESG Vin; J Hemi	8 CYL	6.4 L	6424	392	2012-20	Grand Cherokee	104.00	1.20	397 BF PM S	2M5379	8	STD
								1.20	406 N PC DI	2M5379020		0.50
								2.00	934 FV CR	2M5379030		0.75
									935 FV CR	2M5379040		1.00
	8 CYL	6.6 L	6571	401	1974-77		105.79	2.00	032 BF PC GI	672	8	STD
								2.00	126 RVT PC GI	672030		0.75
								4.75	860 FV CR	672040		1.00
									732 FV CR			
									362 BF 3CR GI	2C672	8	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
									327 BF PM GI	2M672	8	STD
									126 RVT PC GI	2M672030		0.75
									860 FV CR			
									732 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
JOHN DEERE-COMBINES												
12A	2 CYL						88.90	3.18 3.18 4.75	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7844	2	STD
40 Hi-Lo Sleeved Eng.	4 CYL	1.9 L	1885	115			88.90	2.38 2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7119	4	STD
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7119	4	STD
HC145G Sleeved Eng.	4 CYL	2.4 L	2376	145			92.08	2.38 2.38 2.38 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7581	4	STD
45 Hi-Lo Sleeved Eng.	4 CYL	2.4 L	2376	145			92.08	2.38 2.38 2.38 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7581	4	STD
5A, 35	4 CYL						95.25	3.18 3.18 3.18 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7669	4	STD
55, 95, 105	4 CYL					3 Ring Piston	98.43	2.38 2.38 4.75	363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7158	2	STD
HC165 Gas 45 Hi-Lo 55, 95, 105 Sleeved Eng.	4 CYL 4 CYL					Diesel, Gas, LPG 4 Ring Piston	98.43	2.38 2.38 2.38 4.75	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 501 1PCO PC GI 825 2PCO	2C7118	2	STD
55, 95M, 105 Sleeved Eng.	6 CYL	4.1 L	4064	248		Diesel, Gas, LPG 4 Ring Piston	98.43	2.38 2.38 2.38 4.75	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 501 1PCO PC GI 825 2PCO	2C7118	2	STD
HA341G 105	4 CYL 6 CYL					4 Cyl. & 6 Cyl.	107.95	2.38 2.38 2.38 6.35	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7675 2C7675020 2C7675045	2	STD 0.50 1.13
JOHN DEERE-ENGINE & POWER UNITS												
115 Series Sleeved Eng.	4 CYL					Gas	88.90	2.38 2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7119	4	STD
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7119	4	STD
	2 CYL					LA, LU Power Unit	88.90	3.18 3.18 4.75	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7844	2	STD
145 Series HA145 Sleeved Eng.	4 CYL 4 CYL					Gas & Diesel	92.08	2.38 2.38 2.38 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7581	4	STD
165 Series 248 Series Sleeved Eng.	4 CYL 6 CYL					Gas & Diesel Gas, LPG & Diesel	98.43	2.38 2.38 2.38 4.75	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 501 1PCO PC GI 825 2PCO	2C7118	2	STD
241 Series 360 Series	4 CYL 6 CYL						107.95	2.38 2.38 4.75	363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7236	2	STD

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
JOHN DEERE-ENGINE & POWER UNITS												
HA341G	4 CYL						107.95	2.38	363 BF CR GI	2C7675	2	STD
								2.38	126 RVT PC GI	2C7675020		0.50
								2.38	126 RVT PC GI	2C7675045		1.13
								6.35	860 FV CR			
									732 FV CR			
60 Eng.	2 CYL						139.70	4.75	362 BF 3CR GI	2C7731	2	STD
								4.75	102 T PC GI	2C7731040		1.00
								4.75	401 SCRP PC GI	2C7731090		2.25
								4.75	401 SCRP PC GI			
								7.94	501 1PCO PC GI			
									825 2PCO			
R	2 CYL					Diesel	146.05	3.18	362 BF 3CR GI	2C7784	2	STD
								3.18	102 T PC GI	2C7784125		3.13
								3.18	102 T PC GI			
								3.18	102 T PC GI			
								3.18	102 T PC GI			
								6.35	710 FV CR			
									732 FV CR			
									825 2PCO			
								6.35	501 1PCO PC GI			
70 Eng.	2 CYL					70	149.23	3.18	362 BF 3CR GI	2C7642	2	STD
								3.18	102 T PC GI	2C7642045		1.13
								3.18	102 T PC GI	2C7642090		2.25
								3.18	102 T PC GI	2C7642120		3.00
								6.35	501 1PCO PC GI			
									825 2PCO			
JOHN DEERE-TRACTORS												
V4 Starting Eng	4 CYL					730 & 830 Series	50.80	2.38	102 T PC GI	7707	4	STD
								2.38	401 SCRP PC GI			
								4.75	501 1PCO PC GI			
	2 CYL	4.7 L	4670	285		F710, F725	74.00	1.20	398 BF CR S	2C5025	2	STD
						Models w/Kawasaki (twin)		1.20	126 RVT PC GI	2C5025010		0.25
								3.00	996 FV CR	2C5025020		0.50
									732 FV CR	2C5025030		0.75
										2C5025040		1.00
	2 CYL	5.2 L	5244	320		F710, F725	74.00	1.20	398 BF CR S	2C5025	2	STD
						Models w/Kawasaki (twin)		1.20	126 RVT PC GI	2C5025010		0.25
								3.00	996 FV CR	2C5025020		0.50
									732 FV CR	2C5025030		0.75
										2C5025040		1.00
	2 CYL	5.3 L	5326	325		F710, F725	74.00	1.20	398 BF CR S	2C5025	2	STD
						Models w/Kawasaki (twin)		1.20	126 RVT PC GI	2C5025010		0.25
								3.00	996 FV CR	2C5025020		0.50
									732 FV CR	2C5025030		0.75
										2C5025040		1.00
	2 CYL	5.5 L	5490	335		F710, F725	74.00	1.20	398 BF CR S	2C5025	2	STD
						Models w/Kawasaki (twin)		1.20	126 RVT PC GI	2C5025010		0.25
								3.00	996 FV CR	2C5025020		0.50
									732 FV CR	2C5025030		0.75
										2C5025040		1.00
	2 CYL	5.7 L	5654	345		F710, F725	74.00	1.20	398 BF CR S	2C5025	2	STD
						Models w/Kawasaki (twin)		1.20	126 RVT PC GI	2C5025010		0.25
								3.00	996 FV CR	2C5025020		0.50
									732 FV CR	2C5025030		0.75
										2C5025040		1.00
	4 CYL					33, 35, 36, 36A, 36B	82.55	3.18	032 BF PC GI	5060	4	STD
								3.18	126 RVT PC GI	5060020		0.50
								4.75	860 FV CR	5060030		0.75
									732 FV CR	5060060		1.50
									362 BF 3CR GI	2C5060	4	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
						L After S/N 624999	82.55	3.18	032 BF PC GI	7843	2	STD
								3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C7843	2	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
	2 CYL					LA, LU Power Unit	88.90	3.18	362 BF 3CR GI	2C7844	2	STD
								3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
JOHN DEERE-TRACTORS												
1010	4 CYL	1.9 L	1885	115		Gas	88.90	2.38 2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7119	4	STD
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7119	4	STD
	2 CYL					H, HN, HNH, HWH	90.49	3.18 3.18 3.18 6.35	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C7742	2	STD
Sleeved Eng.	4 CYL					1010 Diesel From S/N 42000, 3 Ring Piston	92.08	2.38 2.38 4.75	362 BF 3CR GI 126 RVT PC GI 501 1PCO PC GI 825 2PCO	2C7155	4	STD
2010 550, 660 1010 Sleeved Eng.	4 CYL	2.4 L	2376	145		Gas Gas & Diesel To S/N 41999, Diesel 4 Ring Piston	92.08	2.38 2.38 2.38 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7581	4	STD
	4 CYL	2.7 L	2704	165		2010, To S/N 29018 Diesel	98.43	2.38 2.38 2.38 4.75	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 501 1PCO PC GI 825 2PCO	2C7118	2	STD
	4 CYL	2.7 L	2704	165		Diesel 2010, From S/N 29019 3 Ring Piston	98.43	2.38 2.38 4.75	363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7158	2	STD
	4 CYL 6 CYL					3010 4010 Gas	101.60	2.38 2.38 2.38 6.35 6.35	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C7113	2	STD
	2 CYL					40, 40C, 40S, 40 Crawler, 320, 330	101.60	2.38 2.38 2.38 6.35	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7654	2	STD
	2 CYL					40, 40 Crawler, M, MC, MI, MT	101.60	4.00 4.00 3.18 6.35	362 BF 3CR GI 102 T PC GI 401 SCRP PC GI 860 FV CR 732 FV CR	2C7771	2	STD
Sleeved Eng.	4 CYL	3.7 L	3720	227		3020 Gas JD500 Diesel 4020 Gas JD600 Diesel	107.95	2.38 2.38 2.38 6.35	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7675 2C7675020 2C7675045	2	STD 0.50 1.13
	4 CYL	3.9 L	3949	241		3020	107.95	2.38 2.38 4.75	363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7236	2	STD
Sleeved Eng.	4 CYL	4.4 L	4425	270		3020 Gas JD500 Diesel 4020 Gas JD600 Diesel	107.95	2.38 2.38 2.38 6.35	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7675 2C7675020 2C7675045	2	STD 0.50 1.13
Sleeved Eng.	6 CYL	5.6 L	5588	341		3020 Gas JD500 Diesel 4020 Gas JD600 Diesel	107.95	2.38 2.38 2.38 6.35	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7675 2C7675020 2C7675045	2	STD 0.50 1.13
	6 CYL	5.9 L	5899	360		4020, 4230 Gas or LPG	107.95	2.38 2.38 4.75	363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7236	2	STD
Sleeved Eng.	6 CYL	6.6 L	6620	404		3020 Gas JD500 Diesel 4020 Gas JD600 Diesel	107.95	2.38 2.38 2.38 6.35	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7675 2C7675020 2C7675045	2	STD 0.50 1.13

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
JOHN DEERE-TRACTORS												
Sleeved Eng.	2 CYL	6.9 L	6883	420		3020 Gas JD500 Diesel 4020 Gas JD600 Diesel	107.95	2.38 2.38 2.38 6.35	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7675 2C7675020 2C7675045	2	STD 0.50 1.13
Sleeved Eng.	2 CYL	7.0 L	7046	430		3020 Gas JD500 Diesel 4020 Gas JD600 Diesel	107.95	2.38 2.38 2.38 6.35	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7675 2C7675020 2C7675045	2	STD 0.50 1.13
	2 CYL	7.2 L	7210	440		3020 Gas JD500 Diesel 4020 Gas JD600 Diesel	107.95	2.38 2.38 2.38 6.35	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7675 2C7675020 2C7675045	2	STD 0.50 1.13
	6 CYL	6.6 L	6571	401		401DT Diesel 9000 Turbo	111.76	3.18 2.38 2.38 4.75	372 FKST CR DI 126 RVT PC GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7012	6	STD
	2 CYL					B, BI, BN, BO, BR, After S/N 32900 BW S/N 60000-201000	114.30	4.75 4.75 4.75 4.75	362 BF 3CR GI 102 T PC GI 102 T PC GI 501 1PCO PC GI 825 2PCO	2C7733 2C7733045 2C7733090	2	STD 1.13 2.25
	2 CYL					B, BN, BW, After S/N 200999	119.06	4.75 4.75 4.75 4.75 7.94	362 BF 3CR GI 102 T PC GI 102 T PC GI 401 SCRP PC GI 501 1PCO PC GI 825 2PCO	2C4965 2C4965045 2C4965090	2	STD 1.13 2.25
	2 CYL					A, AH, AI, AN, ANH, AO, AR, AW, AWH, Gen. Purp.; 60H, 60 Std.	139.70	6.35 6.35 6.35 6.35 6.35	362 BF 3CR GI 102 T PC GI 102 T PC GI 710 FV CR 732 FV CR 825 2PCO 501 1PCO PC GI	2C722	2	STD
	2 CYL					A, AO, AR, AN, AW, 60, Own 60	139.70	4.75 4.75 4.75 4.75 7.94	362 BF 3CR GI 102 T PC GI 401 SCRP PC GI 401 SCRP PC GI 501 1PCO PC GI 825 2PCO	2C7731 2C7731040 2C7731090	2	STD 1.00 2.25
	2 CYL					620, 620H, 620S, 6200, 630, 630H, 630S 6 Ring Piston	139.70	3.18 3.18 3.18 6.35 3.18 6.35	362 BF 3CR GI 102 T PC GI 102 T PC GI 501 1PCO PC GI 825 2PCO 102 T PC GI 501 1PCO PC GI	2C7940 2C7940045	2	STD 1.13
	2 CYL					R, Own R Diesel	146.05	3.18 3.18 3.18 3.18 3.18 6.35 6.35	362 BF 3CR GI 102 T PC GI 102 T PC GI 102 T PC GI 102 T PC GI 710 FV CR 732 FV CR 825 2PCO 501 1PCO PC GI	2C7784 2C7784125	2	STD 3.13
	2 CYL					70 Gas & LPG, Own 70	149.23	3.18 3.18 3.18 3.18 6.35	362 BF 3CR GI 102 T PC GI 102 T PC GI 102 T PC GI 501 1PCO PC GI 825 2PCO	2C7642 2C7642045 2C7642090 2C7642120	2	STD 1.13 2.25 3.00
	2 CYL					720, 720H, 720S, 730, 730H, 730S Gas	152.40	3.18 3.18 3.18 6.35 3.18 6.35	362 BF 3CR GI 102 T PC GI 102 T PC GI 401 SCRP PC GI 501 1PCO PC GI 501 1PCO PC GI	2C7998 2C7998045	2	STD 1.13

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
JOHN DEERE-TRACTORS												
	2 CYL					70D, 70DH, 70DS, 720D,	155.58	3.18	362 BF 3CR GI	2C7674	2	STD
						720DS To S/N 7214899		3.18	102 T PC GI	2C7674045		1.13
	2 CYL					70 Gas or LPG 70, 70H, 70S		3.18	102 T PC GI	2C7674120		3.00
	2 CYL					80, 820 Diesel		3.18	102 T PC GI			
						To S/N 8203099		6.35	501 1PCO PC GI			
									825 2PCO			
								6.35	501 1PCO PC GI			
	2 CYL					720D, 720DH, 720DS,	155.58	4.00	381 FKST CR DI	2C7690	2	STD
						730D, 730H, 730DS		3.18	102 T PC GI			
						From S/N 7214900		3.18	102 T PC GI			
	2 CYL					820 Diesel		3.18	102 T PC GI			
						From S/N 8203100;		6.35	501 1PCO PC GI			
						830, 840 Diesel			825 2PCO			
								6.35	501 1PCO PC GI			
KERMATH												
	4 CYL					IXV Sea Bird	82.55	3.18	032 BF PC GI	5060	4	STD
								3.18	126 RVT PC GI	5060020		0.50
								4.75	860 FV CR	5060030		0.75
									732 FV CR	5060060		1.50
									362 BF 3CR GI	2C5060	4	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
	6 CYL					Herc. QXLD Prince	87.31	2.38	362 BF 3CR GI	2C5263	6	STD
								3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
								4.75	501 1PCO PC GI			
	4 CYL					Herc. OOB Sea Dog	95.25	3.18	362 BF 3CR GI	2C7669	4	STD
								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
	4 CYL					Herc. OOC Sea Man	101.60	3.18	362 BF 3CR GI	2C702	4	STD
								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
	6 CYL					Herc. JXD Sea Rover	101.60	3.18	363 BF CR GI	2C4007	6	STD
								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
KIA												
G4HC	4 CYL	1.0 L	999		2004-11	Picanto	66.00	1.20	398 BF CR S	2C5802	4	STD
						For shallow grv pistons		1.20	126 RVT PC GI	2C580225		0.25
								2.50	995 FV CR	2C580250		0.50
									732 FV CR	2C580275		0.75
										2C58002100		1.00
B1	4 CYL	1.1 L	1138		1991-00	Pride	68.00	1.20	398 BF CR S	2C5059	4	STD
								1.50	126 RVT PC GI	2C5059010		0.25
								3.00	996 FV CR	2C5059020		0.50
									732 FV CR	2C5059030		0.75
										2C5059040		1.00
G3LA	3 CYL	1.0 L	998		2011-19	Ceed, Picanto, Rio, Stonic	71.00	1.00	398 BF CR S	2C4086	3	STD
								1.20	406 N PC DI	2C408625		0.25
								2.00	987 FV GN SS	2C408650		0.50
									714 GN SS			
G4LA	4 CYL	1.2 L	1248		2011-18	Picanto, Rio	71.00	1.00	398 BF CR S	2C4068	4	STD
								1.20	406 N PC DI	2C406825		0.25
								2.00	987 FV GN SS	2C406850		0.50
									714 GN SS	2C4068100		1.00
G4EA	4 CYL	1.3 L	1341		2010-16		71.50	1.20	398 BF CR S	2C5389	4	STD
								1.20	435 SCRP PC GI	2C538950		0.50
								2.00	993 FV CR	2C5389100		1.00
									005 FV CR			
A5D	4 CYL	1.5 L	1493		2000-06	w/2.5mm oil grv	75.50	1.20	398 BF CR S	2C5184	4	STD
Mazda Eng								1.20	126 RVT PC GI	2C5184020		0.50
DC DOHC								2.50	934 FV CR	2C5184030		0.75
									732 FV CR	2C5184040		1.00
										2C5184060		1.50
G4ED	4 CYL	1.6 L	1599		2004-11	Cerato, Pride, Rio	76.50	1.20	398 BF CR S	2C4526	4	STD
Euro 4								1.20	126 RVT PC GI	2C4526020		0.50
DOHC								2.00	993 FV CR	2C4526030		0.75
									005 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
KIA												
G4ED DOHC	4 CYL	1.6 L	1599		2003-05	Rio	76.50	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5154 2C5154020 2C5154030 2C5154040	4	STD 0.50 0.75 1.00
G4FC, G4FJ GAMMA	4 CYL	1.6 L	1591		2008-16	Forte, Ray, Rio, Soul	77.00	1.20 1.20 2.00	398 BF CR S 435 SCRP PC GI 993 FV CR 005 FV CR	2C4504 2C450425 2C450450 2C4504100	4	STD 0.25 0.50 1.00
A6D DOHC	4 CYL	1.6 L	1597		2003-05	Rio	78.00	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 533 FV CR 732 FV CR	2C4118 2C4118020 2C4118030 2C4118040	4	STD 0.50 0.75 1.00
B6 SOHC/DOHC	4 CYL	1.6 L	1597		1994-04	Sephia, Shuma, Spectra	78.00	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	4265 4265010 4265020 4265030 4265040 4265060	4	STD 0.25 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C4265 2C4265010 2C4265020 2C4265030 2C4265040 2C4265060	4	STD 0.25 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 058 FV CR 732 FV CR	2M4265 2M4265010 2M4265020 2M4265030 2M4265040 2M4265060	4	STD 0.25 0.50 0.75 1.00 1.50
B6D SOHC, DOHC	4 CYL	1.6 L	1597		1993-98	Sephia	78.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	4737 4737010 4737020 4737030 4737040	4	STD 0.25 0.50 0.75 1.00
									362 BF 3CR GI 126 RVT PC GI 054 FV CR 732 FV CR	2C4737 2C4737010 2C4737020 2C4737030 2C4737040 2C4737060	4	STD 0.25 0.50 0.75 1.00 1.50
K5 DOHC	6 CYL	2.5 L	2497		1999-On	Carnival 24V	80.00	1.20 1.50 2.50	398 BF CR S 401 SCRP PC GI 995 FV CR 732 FV CR	2C5221 2C5221020	6	STD 0.50
G4NA DOHC	4 CYL	2.0 L	1999		2012-16	Soul, Forte, Sportage, Optima NU Series	81.00	1.00 1.20 2.00	398 BF CR S 126 RVT PC GI 990 FV CR 005 FV CR	2C4357 2C435750 2C4357100	4	STD 1.25 2.50
G4GF DOHC	4 CYL	2.0 L	1975		2005-10	w/2.0mm Oil Ring	82.00	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C5825 2C5825020 2C5825040	4	STD 0.50 1.00
D3EA	3 CYL	1.5 L	1493			Getz, Accent,Matrix Diesel Eng	83.00	2.00 2.00 3.00	213 FKST CC DI 223 RVT CR DI 204 CF CR DI 881 2PCO	2D7468	1	STD
	4 CYL	1.8 L	1839		1994-97	Incl. Turbo	83.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	4651 4651010 4651020 4651040	4	STD 0.25 0.50 1.00
									376 BF CR DI 126 RVT PC GI 054 FV CR 732 FV CR	2C4651 2C4651010 2C4651020 2C4651030 2C4651040 2C4651060	4	STD 0.25 0.50 0.75 1.00 1.50
									326 TBF GN SS 435 SCRP PC GI 987 FV GN SS 714 GN SS	2N4651	4	STD
D4EA	4 CYL	2.0 L	1991		2004-12	Carens , Cee'D, Sportage, Magenti Diesel Eng	83.00	2.00 2.00 3.00	213 FKST CC DI 223 RVT CR DI 204 CF CR DI 881 2PCO	2D7468	1	STD

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
KIA												
FE	4 CYL	2.0 L	1998		1994-02	Sportage 2.0I	86.00	1.50	032 BF PC GI	5664	4	STD
								1.50	435 SCRP PC GI	5664020		0.50
								4.00	058 FV CR	5664030		0.75
									732 FV CR	5664040		1.00
										5664060		1.50
									362 BF 3CR GI	2C5664	4	STD
									435 SCRP PC GI	2C5664010		0.25
									058 FV CR	2C5664020		0.50
									732 FV CR	2C5664030		0.75
										2C5664040		1.00
										2C5664060		1.50
									397 BF PM S	2M5664	4	STD
									435 SCRP PC GI	2M5664010		0.25
									058 FV CR	2M5664020		0.50
									732 FV CR	2M5664030		0.75
										2M5664040		1.00
										2M5664060		1.50
									322 BF GN SS	2N5664	4	STD
									126 RVT PC GI			
									987 FV GN SS			
									714 GN SS			
G4JS Vin:S	4 CYL	2.4 L	2351		2000-05	L4	86.50	1.20	398 BF CR S	2C4780	4	STD
								1.50	126 RVT PC GI	2C4780020		0.50
								2.80	997 FV CR	2C4780030		0.75
									732 FV CR	2C4780040		1.00
										2C4780060		1.50
G6BA DOHC	6 CYL	2.7 L	2656		2001-12	Amanthi, Cadenza, Magentis, Optima, Sportage	86.70	1.20	398 BF CR S	2C5265	6	STD
								1.20	126 RVT PC GI	2C5265020		0.50
								2.50	995 FV CR	2C5265030		0.75
									732 FV CR	2C5265040		1.00
G6A5 DOHC	6 CYL	2.7 L	2656		2007-15	Kee, Opitma, Rondo, Sportage	86.70	1.20	398 BF CR S	2C5384	6	STD
								1.20	435 SCRP PC GI	2C538450		0.50
								2.00	993 FV CR			
									732 FV CR			
G4KC, G4KJ DOHC	4 CYL	2.4 L	2359		2006-15	Forte, Optima, Sportage	88.00	1.20	398 BF CR S	2C5297	4	STD
								1.20	126 RVT PC GI	2C5297020		0.50
								2.00	993 FV CR	2C5297030		0.75
									005 FV CR	2C5297040		1.00
D4CB Euro 4	4 CYL	2.5 L	2497		2002-On	Sorento I 2.5 CRDi Diesel Eng	91.00	2.50	211 HKST CC DI	2D7522	4	STD
								2.00	257 TF CR DI	2D752250		0.50
								3.00	203 CF GN SS			
									881 2PCO			
G6DB G6DG	6 CYL	3.3 L	3342		2008-19	Cadenza, Sorento	92.00	1.20	398 BF CR S	2C5260	6	STD
								1.20	126 RVT PC GI	2C5260020		0.50
								2.00	991 FV CR	2C5260030		0.75
									005 FV CR	2C5260040		1.00
G6DC DOHC	6 CYL	3.5 L	3470		2011-15	Cadenza, Sedona	92.00	1.20	398 BF CR S	2C5260	6	STD
								1.20	126 RVT PC GI	2C5260020		0.50
								2.00	991 FV CR	2C5260030		0.75
									005 FV CR	2C5260040		1.00
G6CU DOHC	6 CYL	3.5 L	3497		2002-06	V-6	93.00	1.50	032 BF PC GI	4883	6	STD
								1.50	126 RVT PC GI	4883020		0.50
								3.00	997 FV CR	4883030		0.75
									732 FV CR	4883040		1.00
									327 BF PM GI	2M4883	6	STD
									126 RVT PC GI	2M4883010		0.25
									997 FV CR	2M4883020		0.50
									732 FV CR	2M4883030		0.75
										2M4883040		1.00
J2 SOHC	4 CYL	2.7 L	2665		1997-03	K2700, Bongo, Pregio Diesel Eng	94.50	2.00	336 T PM DI	2D5040	4	STD
								2.00	126 RVT PC GI	2D504050		0.50
								3.00	553 CF CR GI			
									881 2PCO			
DOHC	6 CYL	3.8 L	3778		2007-10	Amanti, Borrego, Sedona, Sorento	96.00	1.20	398 BF CR S	2C4550	6	STD
								1.20	126 RVT PC GI	2C4550020		0.50
								2.00	991 FV CR	2C4550030		0.75
									005 FV CR	2C4550040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
KOHLER												
	4 CYL					L654	66.68	2.38	102 T PC GI	7859	4	STD
								2.38	126 RVT PC GI			
								4.75	871 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C7859	4	STD
									126 RVT PC GI	2C7859020		0.50
									871 FV CR	2C7859030		0.75
									732 FV CR	2C7859040		1.00
	2 CYL					CH 18, 20, 22; CV16, 18, 20, 22, Twins	77.00	1.50	335 T PM DI	2M4765	1	STD
								1.50	401 SCRP PC GI			
								3.00	054 FV CR			
									732 FV CR			
	2 CYL					KT17 Twin, M-18	79.38	1.60	363 BF CR GI	2C6170	2	STD
								1.60	126 RVT PC GI			
								4.00	058 FV CR			
									732 FV CR			
	1 CYL					CH 22, 23 CH680	80.00	1.50	102 T PC GI	5032	1	STD
								1.50	102 T PC GI	5032020		0.50
								3.00	054 FV CR			
									732 FV CR			
	2 CYL					CH25, CH26, CH732,	83.00	2.50	032 BF PC GI	5376	2	STD
						CH740, CH750, Twin		2.50	126 RVT PC GI	5376010		0.25
						CV25, CV26, CV730,		3.00	054 FV CR	5376020		0.50
						CV740, CV750			732 FV CR			
	1 CYL					K301S	85.73	2.00	032 BF PC GI	6474	1	STD
						K532S Use 2 sets		2.00	126 RVT PC GI	6474010		0.25
								4.75	860 FV CR	6474030		0.75
									732 FV CR			
									362 BF 3CR GI	2C6474	1	STD
									126 RVT PC GI	2C6474010		0.25
									860 FV CR			
									732 FV CR			
	1 CYL					Command Engs. 11,	87.00	1.50	102 T PC GI	4756	1	STD
						12 1/2, 14 H.P.		1.50	102 T PC GI	4756010		0.25
								3.00	054 FV CR	4756020		0.50
									732 FV CR			
	1 CYL					K321S	3 7/16	2.00	032 BF PC GI	6677	4	STD
						K592 Use 2 sets		2.38	126 RVT PC GI	6677020		0.50
								2.38	126 RVT PC GI	6677030		0.75
								6.35	860 FV CR	6677060		1.50
									732 FV CR			
									362 BF 3CR GI	2C6677		STD
									126 RVT PC GI	2C6677030		0.75
									126 RVT PC GI	2C6677040		1.00
									860 FV CR			
									732 FV CR			
									327 BF PM GI	2M6677		STD
									126 RVT PC GI	2M6677040		1.00
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
	1 CYL					K341	95.25	2.38	362 BF 3CR GI	2C5311	1	STD
								2.38	126 RVT PC GI	2C5311020		0.50
								4.75	860 FV CR	2C5311030		0.75
									732 FV CR			
LADA												
BA3 2101,	4 CYL	1.2 L	1198		1972-86	1200, Samara1300	76.00	1.50	032 BF PC GI	4493	4	STD
								2.00	401 SCRP PC GI	4493016		0.40
								4.00	056 FV CR	4493024		0.60
									732 FV CR	4493032		0.80
										4493040		1.00
										4493063		1.60
									362 BF 3CR GI	2C4493	4	STD
									401 SCRP PC GI	2C4493010		0.25
									056 FV CR	2C4493016		0.40
									732 FV CR	2C4493020		0.50
										2C4493024		0.60
										2C4493030		0.75
										2C4493032		0.80
										2C4493040		1.00
										2C4493060		1.50
										2C4493063		1.60

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
LADA												
	4 CYL	1.3 L	1300		1987-On	Samara	76.00	1.50	032 BF PC GI	4460	4	STD
								2.00	401 SCRP PC GI	4460016		0.40
								4.00	055 FV CR	4460032		0.80
									732 FV CR			
									362 BF 3CR GI	2C4460	4	STD
									401 SCRP PC GI	2C4460016		0.40
									055 FV CR	2C4460020		0.50
									732 FV CR	2C4460032		0.80
BA3 2103,BA3 21081 BA3 2103 (KAT)	4 CYL	1.5 L	1452		1972-04	Nova1500	76.00	1.50	032 BF PC GI	4493	4	STD
								2.00	401 SCRP PC GI	4493016		0.40
								4.00	056 FV CR	4493024		0.60
									732 FV CR	4493032		0.80
										4493040		1.00
										4493063		1.60
									362 BF 3CR GI	2C4493	4	STD
									401 SCRP PC GI	2C4493010		0.25
									056 FV CR	2C4493016		0.40
									732 FV CR	2C4493020		0.50
										2C4493024		0.60
										2C4493030		0.75
										2C4493032		0.80
										2C4493040		1.00
										2C4493060		1.50
										2C4493063		1.60
	4 CYL	1.6 L	1600			2121 NIVA 4WD	79.00	1.50	032 BF PC GI	6143	4	STD
								2.00	126 RVT PC GI	6143020		0.50
								4.00	056 FV CR	6143040		1.00
									732 FV CR			
									362 BF 3CR GI	2C6143	4	STD
									126 RVT PC GI	2C6143016		0.40
									056 FV CR	2C6143020		0.50
									732 FV CR	2C6143024		0.60
										2C6143032		0.80
										2C6143040		1.00
										2C6143060		1.50
										2C6143063		1.60
	4 CYL	1.5 L	1499		2000-On	Natacha, Sagona, Samara	82.00	1.50	362 BF 3CR GI	2C9377	4	STD
								2.00	126 RVT PC GI	2C9377016		0.40
								4.00	058 FV CR	2C9377032		0.80
									732 FV CR			
	4 CYL	1.5 L	1500		1987-On	Samara	82.00	1.50	032 BF PC GI	4461	4	STD
								2.00	126 RVT PC GI	4461016		0.40
								4.00	055 FV CR	4461032		0.80
									732 FV CR			
									362 BF 3CR GI	2C4461	4	STD
									126 RVT PC GI	2C4461016		0.40
									055 FV CR	2C4461032		0.80
									732 FV CR			
XUD9SD	4 CYL	1.9 L	1905		1999-On	Diesel Eng	83.00	3.00	221 FKST CC DI	2D7351	1	STD
								2.00	202 TTF PC DI			
								3.00	204 CF CR DI			
									881 2PCO			
XUD9A	4 CYL	1.9 L	1905		1993-On	Diesel Eng	83.00	2.00	239 BF CC DI	2D7435	1	STD
								2.00	123 RVT PC DI	2D743525		0.25
								3.00	204 CF CR DI	2D743550		0.50
									881 2PCO			
	4 CYL	1.8 L	1800		1993-On	Aleko	85.00	1.50	362 BF 3CR GI	2C9340	4	STD
								2.00	401 SCRP PC GI			
								3.00	054 FV CR			
									732 FV CR			
LAND ROVER												
306PS	6 CYL	3.0 L	2995		2013-18	Discovery, Range Rover, Range Rover Sport, Velar	84.50	1.20	398 BF CR S	2C5303	6	STD
								1.20	610 RVT PC GI			
								2.00	993 FV CR			
									005 FV CR			
428PS	8 CYL	4.2 L	4197		2006-09	Range Rover III Range Rover Sport	86.00	1.20	398 BF CR S	2C5302	8	STD
								1.50	126 RVT PC GI			
								2.00	993 FV CR			
									005 FV CR			
204PT	4 CYL	2.0 L	1999		2011-17	Discovery Sport, LR2, Evoque Range rover Velar	87.50	1.20	398 BF CR S	2C4150	4	STD
								1.50	126 RVT PC GI			
								2.00	993 FV CR			
									005 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
LEROI												
	4 CYL					D133	82.55	3.18	032 BF PC GI	5060	4	STD
								3.18	126 RVT PC GI	5060020		0.50
								4.75	860 FV CR	5060030		0.75
									732 FV CR	5060060		1.50
									362 BF 3CR GI	2C5060	4	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
	4 CYL					D176	95.25	3.18	362 BF 3CR GI	2C7669	4	STD
								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
	4 CYL					D201, D226	101.60	3.18	362 BF 3CR GI	2C702	4	STD
								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
	1 CYL					300 Low Pressure Cyl.	101.60	3.18	032 BF PC GI	5678	1	STD
								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								4.75	501 1PCO PC GI			
	1 CYL					400 Low Pressure Cyl.	114.30	3.18	363 BF CR GI	2C5683	1	STD
	1 CYL					880A High Pressure Cyl.		3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								4.75	501 1PCO PC GI			
LEXUS												
2ZR-FE	4 CYL	1.8 L	1798	110	2011-15	1.5 mm Oil Grv.	80.50	1.00	398 BF CR S	2C4113	4	STD
DOHC Toyota Eng.								1.00	123 RVT PC DI	2C4113020		0.50
								1.50	981 FV CR	2C4113030		0.75
									005 FV CR	2C4113040		1.00
2JZGE, 2JZGTE	6 CYL	3.0 L	2997		1992-06	GS300, SC300	86.00	1.50	376 BF CR DI	2C4713	6	STD
								1.50	435 SCRP PC GI	2C4713010		0.25
								4.00	058 FV CR	2C4713020		0.50
									732 FV CR	2C4713030		0.75
										2C4713040		1.00
2VZFE	6 CYL	2.5 L	2507		1990-91	ES250	87.50	1.50	335 T PM DI	2M4676	6	STD
								1.50	126 RVT PC GI	2M4676010		0.25
								3.00	997 FV CR	2M4676020		0.50
									732 FV CR	2M4676030		0.75
										2M4676040		1.00
3VZ-F, 3VZFE	6 CYL	3.0 L	2959		1992-93	ES300	87.50	1.50	032 BF PC GI	4689	6	STD
								1.50	126 RVT PC GI	4689020		0.50
								4.00	856 FV CR	4689030		0.75
									732 FV CR	4689040		1.00
									397 BF PM S	2M4689	6	STD
									126 RVT PC GI	2M4689010		0.25
									856 FV CR	2M4689020		0.50
									732 FV CR	2M4689030		0.75
										2M4689040		1.00
1MZFE	6 CYL	3.0 L	2959		1994-05	ES300	87.50	1.20	398 BF CR S	2C4902	6	STD
								1.20	126 RVT PC GI	2C4902010		0.25
								3.00	997 FV CR	2C4902020		0.50
									732 FV CR	2C4902030		0.75
										2C4902040		1.00
1UZFE	8 CYL	4.0 L	3969		1990-00	LS400, SC400	87.50	1.50	335 T PM DI	2M4678	8	STD
								1.50	126 RVT PC GI	2M4678020		0.50
								3.00	997 FV CR	2M4678030		0.75
									732 FV CR	2M4678040		1.00
2AZ-FXE	4 CYL	2.4 L	2362		2010-12	HS	88.50	1.00	398 BF CR S	2C5267	4	STD
DOHC								1.00	123 RVT PC DI	2C5267010		0.25
								2.00	991 FV CR	2C5267020		0.50
									005 FV CR	2C5267030		0.75
										2C5267040		1.00
3UZFE	8 CYL	4.3 L	4293		2001-10	GS430, LS430	91.00	1.20	398 BF CR S	2C4561	8	STD
DOHC 32V								1.20	126 RVT PC GI			
								3.00	997 FV CR			
									732 FV CR			
3MZFE	6 CYL	3.3 L	3310		2004-08	ES, RX	92.00	1.20	398 BF CR S	2C5183	6	STD
DOHC								1.20	126 RVT PC GI	2C5183020		0.50
								3.00	997 FV CR	2C5183030		0.75
									732 FV CR	2C5183040		1.00
2GRFE	6 CYL	3.5 L	3456		2007-12	ES350, GS350,	94.00	1.20	398 BF CR S	2C4511	6	STD
DOHC						GS450, RX350		1.20	126 RVT PC GI	2C4511020		0.50
								2.00	991 FV CR	2C4511030		0.75
									005 FV CR	2C4511040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
LEXUS												
1URFE	8 CYL	4.6 L	4608		2007-20	GX460	94.00	1.20	398 BF CR S	2C4586	8	STD
								1.20	126 RVT PC GI	2C4586010		0.25
								2.00	991 FV CR	2C4586020		0.50
									005 FV CR	2C4586030		0.75
										2C4586040		1.00
2UZFE DOHC	8 CYL	4.7 L	4663		2004-09	LX470	94.00	1.20	398 BF CR S	2C4566	8	STD
								1.20	126 RVT PC GI	2C4566020		0.50
								3.00	997 FV CR	2C4566030		0.75
									732 FV CR	2C4566040		1.00
2UZFE	8 CYL	4.7 L	4663		1999-06	LX470	94.00	1.50	335 T PM DI	2M5017	8	STD
								1.50	126 RVT PC GI	2M5017010		0.25
								4.00	856 FV CR	2M5017020		0.50
									732 FV CR	2M5017030		0.75
										2M5017040		1.00
3URFE DOHC	8 CYL	5.7 L	5663		2008-14	LX	94.00	1.20	398 BF CR S	2C4586	8	STD
								1.20	126 RVT PC GI	2C4586010		0.25
								2.00	991 FV CR	2C4586020		0.50
									005 FV CR	2C4586030		0.75
										2C4586040		1.00
1FZFE	6 CYL	4.5 L	4477		1996-97	LX450	100.00	1.75	363 BF CR GI	2C4776	6	STD
								2.00	126 RVT PC GI	2C4776010		0.25
								4.00	052 FV CR	2C4776020		0.50
									732 FV CR	2C4776030		0.75
										2C4776040		1.00
M.G.												
	4 CYL	1.1 L	1098		1963-66	1100 MG-Midget, MK II	64.57	1.60	032 BF PC GI	6742	4	STD
								1.60	032 BF PC GI	6742010		0.25
								1.60	401 SCRP PC GI	6742020		0.50
								3.18	716 FV	6742030		0.75
									710 FV CR	6742040		1.00
										6742060		1.50
										6742080		2.00
										6742100		2.50
										6742120		3.00
									362 BF 3CR GI	2C6742	4	STD
									032 BF PC GI	2C6742010		0.25
									401 SCRP PC GI	2C6742020		0.50
									710 FV CR	2C6742030		0.75
									732 FV CR	2C6742040		1.00
										2C6742060		1.50
	4 CYL					TC, TD w/Covmo Piston #12387	69.04	1.60	102 T PC GI	6893	4	STD
								1.60	102 T PC GI			
								4.00	058 FV CR			
									732 FV CR			
	4 CYL	1.3 L	1275		1967-74	Midget Mark III, 1300 Hepolite Piston 20394, 20747, 20814	70.61	1.60	102 T PC GI	6802	4	STD
								1.60	102 T PC GI	6802020		0.50
								1.60	102 T PC GI	6802030		0.75
								4.00	058 FV CR	6802040		1.00
									732 FV CR	6802060		1.50
									362 BF 3CR GI	2C6802	4	STD
									102 T PC GI	2C6802020		0.50
									102 T PC GI	2C6802030		0.75
									058 FV CR	2C6802040		1.00
									732 FV CR	2C6802060		1.50
	4 CYL	1.3 L	1275		1967-73	Midget, MK11, 1300A A+ Series MG Metro	70.62	1.50	032 BF PC GI	4355	4	STD
								1.50	126 RVT PC GI	4355020		0.50
								3.00	054 FV CR	4355040		1.00
									732 FV CR	4355060		1.50
	4 CYL	1.5 L	1489		1956-61	A' Series Midget, Magnette ZA, Mark III, MGA 1500	73.03	1.60	102 T PC GI	5897	4	STD
								1.60	102 T PC GI	5897020		0.50
								1.60	102 T PC GI	5897030		0.75
								4.00	058 FV CR	5897040		1.00
									732 FV CR	5897060		1.50
	4 CYL	1.5 L	1500		1975-79	Midget Mark III	73.66	1.60	102 T PC GI	6840	4	STD
								1.60	401 SCRP PC GI	6840010		0.25
								4.00	058 FV CR	6840020		0.50
									732 FV CR	6840030		0.75
										6840040		1.00
										6840060		1.50
									362 BF 3CR GI	2C6840	4	STD
									401 SCRP PC GI	2C6840020		0.50
									058 FV CR	2C6840030		0.75
									732 FV CR	2C6840040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
M.G.												
	4 CYL	1.8 L	1798		1963-71	MGB Series, High Comp. 4 Ring Piston	80.26	1.60 1.60 1.60 4.00	102 T PC GI 102 T PC GI 102 T PC GI 056 FV CR 732 FV CR	6738 6738030	4	STD 0.75
	4 CYL	1.8 L	1798		1971-81	MG, MGB, MGB/GT 18V Hepolite Piston 3 Ring Piston	80.26	1.60 1.60 4.00	102 T PC GI 102 T PC GI 056 FV CR 732 FV CR	9526 9526030	4	STD 0.75
MAN												
D 0226 MC,D 0226 MCE,D 0226 M D 0226 MK,D 0226 MKE,D 0226 MKF D 0226 MKFA,D 0226 MKFO,D 0226 MKH, D 0226 ML,D 0226 MLE,D 0226 MT, D 0226 MTE,D 0226 MTE 51, D 0226 MTXE 51	6 CYL	5.7 L	5687		1982-97	8T-SERIES, 9T-SERIES, 12T-SERIES, M 90, 14T-SERIES 16T-SERIES, 17T-SERIES Diesel Eng.	102.00	3.00 2.50 4.00	250 FKST BF CR GI 035 TF PC GI 553 2PCO CR GI	2D7098		STD
MASSEY-FERGUSON-BALERS,REAPERS & THRESHERS												
	6 CYL					21, 21A Piston #954800	82.55	2.38 2.38 4.00 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	144 144040 144060	6	STD 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C144	6	STD
	6 CYL					21, 21A , T112	82.55	3.18 3.18 3.18 4.75	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	4072 4072020 4072060	6	STD 0.50 1.50
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4072	6	STD
VF4	4 CYL					Wis. No.1 Late S.P. Baler	82.55	2.38 2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	4215 4215020 4215040	4	STD 0.50 1.00
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4215	4	STD
	6 CYL					120 20, 21, 21A Piston #974084	85.73	2.38 2.38 4.00 4.00	362 BF 3CR GI 102 T PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C438 2C438020 2C438030	6	STD 0.50 0.75
	6 CYL					201 Repl. Eng. 27	87.31	2.38 2.38 4.00 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	445	6	STD
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C445	6	STD

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MASSEY-FERGUSON-COMBINES												
	6 CYL					30 Eng. Chry. Ind. 72, 82	82.55	2.38	032 BF PC GI	144	6	STD
						Cont. Eng. 82, 92		2.38	126 RVT PC GI	144040		1.00
								4.00	860 FV CR	144060		1.50
									732 FV CR			
								4.00	501 1PCO PC GI			
									362 BF 3CR GI	2C144	6	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
									501 1PCO PC GI			
VF4	4 CYL					Wis. 50 P.T. Swather	82.55	2.38	032 BF PC GI	4215	4	STD
								2.38	126 RVT PC GI	4215020		0.50
								2.38	126 RVT PC GI	4215040		1.00
								4.75	860 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C4215	4	STD
									126 RVT PC GI			
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
FC	4 CYL					WAUKESHA Eng. 15, 17	82.55	3.18	032 BF PC GI	5060	4	STD
								3.18	126 RVT PC GI	5060020		0.50
								4.75	860 FV CR	5060030		0.75
									732 FV CR	5060060		1.50
									362 BF 3CR GI	2C5060	4	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
	6 CYL	2.8 L	2786	170		Chry. Ind. MF205	86.36	2.00	032 BF PC GI	687	6	STD
						H225 Gas Chry. Ind. MF300		2.00	126 RVT PC GI	687020		0.50
								4.75	860 FV CR	687030		0.75
									732 FV CR	687040		1.00
										687060		1.50
									362 BF 3CR GI	2C687	6	STD
									126 RVT PC GI	2C687020		0.50
									860 FV CR	2C687030		0.75
									732 FV CR	2C687040		1.00
										2C687060		1.50
									327 BF PM GI	2M687	6	STD
									126 RVT PC GI	2M687030		0.75
									860 FV CR	2M687040		1.00
									732 FV CR	2M687060		1.50
	6 CYL	4.3 L	4343	265		Chry. Ind. 92, Super 92	87.31	2.38	032 BF PC GI	445	6	STD
								2.38	126 RVT PC GI			
								4.00	860 FV CR			
									732 FV CR			
								4.00	501 1PCO PC GI			
									362 BF 3CR GI	2C445	6	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
									501 1PCO PC GI			
AD4.203	4 CYL					Perkins MF300	91.47	2.38	103 T PC DI	7140	1	STD
						For Late Piston		2.38	103 T PC DI			
						Diesel Eng		3.18	103 T PC DI			
						Chrome Slv use 7140 only		6.35	502 1PCO PC DI			
								6.35	502 1PCO PC DI			
	6 CYL					14	95.25	3.18	362 BF 3CR GI	2C5028	6	STD
						Diesel Eng		3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MASSEY-FERGUSON-COMBINES												
	6 CYL	4.8 L	4785	292		Chev. 410	98.43	2.38	032 BF PC GI	668	6	STD
								2.38	126 RVT PC GI	668010		0.25
								4.75	860 FV CR	668020		0.50
									732 FV CR	668030		0.75
										668040		1.00
										668060		1.50
										668080		2.00
									362 BF 3CR GI	2C668	6	STD
									126 RVT PC GI	2C668010		0.25
									860 FV CR	2C668020		0.50
									732 FV CR	2C668030		0.75
										2C668040		1.00
										2C668060		1.50
										2C668080		2.00
									327 BF PM GI	2M668	6	STD
									126 RVT PC GI	2M668010		0.25
									860 FV CR	2M668020		0.50
									732 FV CR	2M668030		0.75
										2M668040		1.00
										2M668060		1.50
										2M668080		2.00
	4 CYL					11, 12	101.60	3.18	362 BF 3CR GI	2C702	4	STD
								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
	8 CYL	5.4 L	5359	327		Chev. 510	101.60	2.00	032 BF PC GI	139	8	STD
								2.00	126 RVT PC GI	139010		0.25
								4.75	860 FV CR	139020		0.50
									732 FV CR	139030		0.75
										139040		1.00
										139060		1.50
										139070		1.75
										139080		2.00
										139100		2.50
									362 BF 3CR GI	2C139	8	STD
									126 RVT PC GI	2C139010		0.25
									860 FV CR	2C139020		0.50
									732 FV CR	2C139030		0.75
										2C139040		1.00
										2C139060		1.50
										2C139070		1.75
										2C139080		2.00
									397 BF PM S	2M139	8	STD
									126 RVT PC GI	2M139005		0.13
									860 FV CR	2M139010		0.25
									732 FV CR	2M139020		0.50
										2M139030		0.75
										2M139040		1.00
										2M139060		1.50
										2M139070		1.75
										2M139080		2.00
										2M139100		2.50
MASSEY-FERGUSON-INCREASED BORE SLEEVE												
	4 CYL					Models TE20, TO20+	82.55	2.38	032 BF PC GI	7582	4	STD
						G13G13824:G13887		2.38	126 RVT PC GI			
						McQuay Norris Kit #SA186		4.00	860 FV CR			
						Sealed Power Kit #SL1881			732 FV CR			
						Allied Slv Kit #WSA312		4.00	501 1PCO PC GI			
						Ertel Slv Kit #SA213						
						Permite Slv Kit #CDA178			362 BF 3CR GI	2C7582	4	STD
						Thompson Slv Kit #SA169			126 RVT PC GI			
						White Machine #G219HCH			860 FV CR			
									732 FV CR			
									501 1PCO PC GI			
	4 CYL					Models TE20, TO20	84.14	2.38	032 BF PC GI	7537	4	STD
						McQuay Norris Kit #SA186		2.38	126 RVT PC GI			
						Sealed Power Kit #SL1881		4.00	860 FV CR			
						Allied Slv Kit #WSA312			732 FV CR			
						Ertel Slv Kit #SA213		4.00	501 1PCO PC GI			
						Permite Slv Kit #CDA178						
						Thompson Slv Kit #SA169						
						White Machine #G219HCH						

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MASSEY-FERGUSON-INCREASED BORE SLEEVE												
	4 CYL					Continental Z129, Z134 Engs. Conversion; Continental TO30, Z134 Engs. Overbore Conversion MH50, to 35 Allied Slv Kit #WSA313 Perfect Circle #WSA313	85.73	2.38 3.18 3.18 6.35	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7207	4	STD
	4 CYL					Continental Z129, Z134 Engs Ertel Slv Kit #SA214 White Machine #G243HCH Genuine Parts #S105, SA327 McQuay Norris Kit #SA201 M & W Slv Kit #SP23 Sealed Power Kit #SL1762 Thompson Slv Kit #SA185	85.73	2.38 2.38 2.38 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7671	4	STD
	4 CYL					Continental Z129, Z134 Engs Ertel Slv Kit #SA214 White Machine #G243HCH Genuine Parts #S105, SA327 McQuay Norris Kit #SA201 M & W Slv Kit #SP23 Sealed Power Kit #SL1762 Thompson Slv Kit #SA185	85.73	3.18 3.18 3.18 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7762	4	STD
	4 CYL					Continental H260 Eng. M & W Slv Kit #SP11 Allied Slv Kit #WSA327 Genuine Parts #S147, S148 McQuay Norris Kit #SA194 Permite Slv Kit #CSA237 Sealed Power Kit #SL1774 Thompson Slv Kit #SA177 White Machine #G208RHCH Piston A 1065	101.60	2.38 2.38 2.38 6.35	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7795	4	STD
	4 CYL					Continental H260 Eng. M & W Slv Kit #SP11 Allied Slv Kit #WSA327 Genuine Parts #S147, S148 McQuay Norris Kit #SA194 Permite Slv Kit #CSA237 Sealed Power Kit #SL1774 Thompson Slv Kit #SA177 White Machine #G208RHCH Piston A 1065	101.60	2.38 2.38 3.18 6.35	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7997	4	STD
MASSEY-FERGUSON-TRACTORS												
N62 Continental Eng.	4 CYL					Pony	60.33	2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 870 FV CR 732 FV CR	5671	4	STD
									362 BF 3CR GI 126 RVT PC GI 870 FV CR 732 FV CR	2C5671 2C5671030	4	STD 0.75
F124 Continental Eng.	4 CYL					20, 21 Colt, Cont. 81	76.20	3.18 3.18 3.18 6.35	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	727	4	STD
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C727	4	STD
S137 Repl.	6 CYL					101 Super	82.55	2.38 2.38 4.00 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	144 144040 144060	6	STD 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C144	6	STD

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MASSEY-FERGUSON-TRACTORS												
D504-6	6 CYL					101S Tractor	82.55	3.18	032 BF PC GI	4072	6	STD
								3.18	126 RVT PC GI	4072020		0.50
								3.18	126 RVT PC GI	4072060		1.50
								4.75	860 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C4072	6	STD
									126 RVT PC GI			
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
Z129 Continental Eng.	4 CYL					TO30	82.55	3.18	362 BF 3CR GI	2C7789	4	STD
								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
Z134 Continental Eng. Sleeved Eng.	4 CYL					F40, 50, MF35, 50, 202, 204, 2135, 2200, MH50, TO35	84.14	3.18	362 BF 3CR GI	2C7578	4	STD
								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
Z145 Continental Eng.	4 CYL					MF135G, MF150G	85.73	3.18	362 BF 3CR GI	2C7762	4	STD
								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
AG4-212	4 CYL					Perkins MF30G, MF165G	98.48	2.38	362 BF 3CR GI	2C7243	4	STD
								2.38	126 RVT PC GI			
								2.38	126 RVT PC GI			
								6.35	871 FV CR			
									732 FV CR			
	4 CYL					15-22, GI, GP	101.60	3.18	362 BF 3CR GI	2C702	4	STD
								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
Sleeved Eng.	4 CYL					44 Series Gas, Dist. & Diesel Eng w/Superior A1065 Piston	101.60	2.38	363 BF CR GI	2C7795	4	STD
								2.38	126 RVT PC GI			
								2.38	126 RVT PC GI			
								6.35	860 FV CR			
									732 FV CR			
MAZDA												
PB	4 CYL	1.0 L	1000		1968-74		68.00	2.00	032 BF PC GI	4277	4	STD
								2.00	401 SCRP PC GI			
								4.00	058 FV CR			
									732 FV CR			
TB	4 CYL	1.2 L	1169		1968-76	200	70.00	2.00	362 BF 3CR GI	2C6880	4	STD
								2.00	401 SCRP PC GI			
								4.00	058 FV CR			
									732 FV CR			
B3 SOHC	4 CYL	1.3 L	1323		1988-99	Familia, Demio	71.00	1.20	398 BF CR S	2C4451	4	STD
								1.50	126 RVT PC GI	2C4451010		0.25
								3.00	054 FV CR	2C4451020		0.50
									732 FV CR	2C4451030		0.75
										2C4451040		1.00
										2C4451060		1.50
CR12DE	4 CYL	1.2 L	1240		2007-On	Familia	71.00	1.20	398 BF CR S	2C4089	4	STD
								1.20	126 RVT PC GI	2C408950		0.50
								2.00	990 FV CR			
									732 FV CR			
DHF, DHG	4 CYL	1.2 L	1242		1996-03	121 III	71.90	1.20	398 BF CR S	2C5637	4	STD
								1.50	435 SCRP PC GI			
								2.50	989 FV CR			
									732 FV CR			
	4 CYL	1.2 L	1200		1970-78	1300	73.00	2.00	032 BF PC GI	6714	4	STD
								2.00	401 SCRP PC GI	6714020		0.50
								4.00	058 FV CR	6714030		0.75
									732 FV CR	6714040		1.00
										6714060		1.50
									362 BF 3CR GI	2C6714	4	STD
									401 SCRP PC GI	2C6714020		0.50
									058 FV CR	2C6714030		0.75
									732 FV CR	2C6714040		1.00
										2C6714060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MAZDA												
TC	4 CYL	1.3 L	1272		1970-84	Familia/Familia	73.00	1.50	032 BF PC GI	4347	4	STD
						Presto/Mazda 1300		1.50	126 RVT PC GI	4347020		0.50
								4.00	058 FV CR	4347030		0.75
									732 FV CR	4347040		1.00
										4347060		1.50
									362 BF 3CR GI	2C4347	4	STD
									126 RVT PC GI	2C4347010		0.25
									058 FV CR	2C4347020		0.50
									732 FV CR	2C4347030		0.75
										2C4347040		1.00
										2C4347060		1.50
Vin T	4 CYL	1.3 L	1300			Mini Mizer; 818	73.00	2.00	032 BF PC GI	6714	4	STD
								2.00	401 SCRP PC GI	6714020		0.50
								4.00	058 FV CR	6714030		0.75
									732 FV CR	6714040		1.00
										6714060		1.50
									362 BF 3CR GI	2C6714	4	STD
									401 SCRP PC GI	2C6714020		0.50
									058 FV CR	2C6714030		0.75
									732 FV CR	2C6714040		1.00
										2C6714060		1.50
F6JA, F6JB	4 CYL	1.4 L	1399		2003-07	2 1.4 CD	73.70	2.50	213 FKST CC DI	2D7270	1	STD
						Turbo Diesel		1.95	209 RVT PC DI	2D727025		0.25
								2.50	248 CF CR	2D727050		0.50
									881 2PCO			
J4R, J4T	4 CYL	1.3 L	1299		1996-03	121 III 1.3	74.00	1.50	032 BF PC GI	4988	4	STD
JJA , JJK, JJM								1.75	401 SCRP PC GI	4988020		0.50
								3.00	054 FV CR	4988040		1.00
									732 FV CR			
									362 BF 3CR GI	2C4988	4	STD
									401 SCRP PC GI	2C4988010		0.25
									054 FV CR	2C4988020		0.50
									732 FV CR	2C4988030		0.75
										2C4988040		1.00
ZJ-VE	4 CYL	1.3 L	1349		2003-15	Mazda 2, Mazda 3	74.00	1.00	398 BF CR S	2C4159	4	STD
								1.00	123 RVT PC DI	2C415950		0.50
								2.00	990 FV CR			
									732 FV CR			
UA	4 CYL	1.5 L	1484		1971-On		75.00	2.00	032 BF PC GI	6813	4	STD
								2.00	401 SCRP PC GI	6813020		0.50
								4.00	056 FV CR	6813030		0.75
									732 FV CR	6813040		1.00
										6813060		1.50
									362 BF 3CR GI	2C6813	4	STD
									401 SCRP PC GI	2C6813010		0.25
									056 FV CR	2C6813020		0.50
									732 FV CR	2C6813030		0.75
										2C6813040		1.00
										2C6813060		1.50
										2C6813063		1.60
UA	4 CYL	1.5 L	1484		1971-On	Shallow Oil Ring Grv.	75.00	2.00	032 BF PC GI	6818	4	STD
								2.00	401 SCRP PC GI	6818020		0.50
								4.00	856 FV CR	6818030		0.75
									732 FV CR	6818040		1.00
										6818060		1.50
									362 BF 3CR GI	2C6818	4	STD
									401 SCRP PC GI	2C6818010		0.25
									856 FV CR	2C6818020		0.50
									732 FV CR	2C6818030		0.75
										2C6818040		1.00
										2C6818060		1.50
K8	6 CYL	1.8 L	1845		1992-97	MX-3	75.00	1.50	032 BF PC GI	4772	6	STD
								1.50	126 RVT PC GI	4772010		0.25
								3.00	996 FV CR	4772020		0.50
									732 FV CR	4772030		0.75
										4772040		1.00
									363 BF CR GI	2C4772	6	STD
									126 RVT PC GI	2C4772020		0.50
									996 FV CR	2C4772030		0.75
									732 FV CR	2C4772040		1.00
Z5	4 CYL	1.5 L	1498		1995-98	Protege	75.30	1.00	398 BF CR S	2C4919	4	STD
								1.20	126 RVT PC GI	2C4919020		0.50
								2.50	995 FV CR	2C4919030		0.75
									732 FV CR	2C4919040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MAZDA												
E3, Gasoline	4 CYL	1.3 L	1296		1981-86	Familia, GLC	77.00	1.20	398 BF CR S	2C6154	4	STD
								1.50	401 SCRP PC GI	2C6154010		0.25
								4.00	058 FV CR	2C6154020		0.50
									732 FV CR	2C6154030		0.75
										2C6154040		1.00
										2C6154060		1.50
UC	4 CYL	1.4 L	1415		1978-80	GLC	77.00	1.50	032 BF PC GI	6134	4	STD
								1.50	401 SCRP PC GI	6134010		0.25
								4.00	058 FV CR	6134020		0.50
									732 FV CR	6134024		0.60
										6134030		0.75
										6134032		0.80
										6134040		1.00
										6134060		1.50
									363 BF CR GI	2C6134	4	STD
									401 SCRP PC GI	2C6134010		0.25
									058 FV CR	2C6134020		0.50
									732 FV CR	2C6134030		0.75
										2C6134040		1.00
E3, E5	4 CYL	1.5 L	1490		1981-85	GLC, 1500 After Jan 82	77.00	1.50	032 BF PC GI	6175	4	STD
								2.00	435 SCRP PC GI	6175010		0.25
								4.00	058 FV CR	6175020		0.50
									732 FV CR	6175030		0.75
										6175040		1.00
										6175060		1.50
									363 BF CR GI	2C6175	4	STD
									435 SCRP PC GI	2C6175010		0.25
									058 FV CR	2C6175020		0.50
									732 FV CR	2C6175030		0.75
										2C6175040		1.00
										2C6175060		1.50
									322 BF GN SS	2N6175	4	STD
									435 SCRP PC GI			
									058 FV CR			
									732 FV CR			
E5	4 CYL	1.5 L	1490		1980-86	GLC	77.00	1.20	398 BF CR S	2C6154	4	STD
								1.50	401 SCRP PC GI	2C6154010		0.25
								4.00	058 FV CR	2C6154020		0.50
									732 FV CR	2C6154030		0.75
										2C6154040		1.00
										2C6154060		1.50
ZY-DE, ZY-VE,	4 CYL	1.5	1498		2003-15	Mazda 2, Mazda 3	78.00	1.20	398 BF CR S	2C5310	4	STD
ZY05, ZY66								1.20	126 RVT PC GI	2C531050		0.50
								2.50	995 FV CR	2C531075		0.75
									732 FV CR			
UB	4 CYL	1.5 L	1490		1966-73	Mazda Luce 1500	78.00	2.00	032 BF PC GI	4381	4	STD
SOHC						Capella		2.00	126 RVT PC GI	4381040		1.00
								4.00	056 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C4381	4	STD
									126 RVT PC GI	2C4381020		0.50
									056 FV CR	2C4381040		1.00
									732 FV CR			
NA	4 CYL	1.6 L	1586		1972-77	B1600	78.00	1.50	032 BF PC GI	4265	4	STD
B6, B6-ME, B6-ZE	4 CYL	1.6 L	1597		1988-95	323, Miata		1.50	126 RVT PC GI	4265010		0.25
								4.00	058 FV CR	4265020		0.50
									732 FV CR	4265030		0.75
										4265040		1.00
										4265060		1.50
									362 BF 3CR GI	2C4265	4	STD
									126 RVT PC GI	2C4265010		0.25
									058 FV CR	2C4265020		0.50
									732 FV CR	2C4265030		0.75
										2C4265040		1.00
										2C4265060		1.50
									327 BF PM GI	2M4265	4	STD
									126 RVT PC GI	2M4265010		0.25
									058 FV CR	2M4265020		0.50
									732 FV CR	2M4265030		0.75
										2M4265040		1.00
										2M4265060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MAZDA												
B6Y2	4 CYL	1.6 L	1597		1990-94	MX-3	78.00	1.50	032 BF PC GI	4737	4	STD
								1.50	126 RVT PC GI	4737010		0.25
								3.00	054 FV CR	4737020		0.50
									732 FV CR	4737030		0.75
										4737040		1.00
									362 BF 3CR GI	2C4737	4	STD
									126 RVT PC GI	2C4737010		0.25
									054 FV CR	2C4737020		0.50
									732 FV CR	2C4737030		0.75
										2C4737040		1.00
										2C4737060		1.50
ZL	4 CYL	1.6 L	1597		1999-On	16 Valve, Protege	78.00	1.20	398 BF CR S	2C5115	4	STD
DOHC								1.50	126 RVT PC GI	2C5115010		0.25
								3.00	054 FV CR	2C5115020		0.50
									732 FV CR	2C5115030		0.75
										2C5115040		1.00
VB	4 CYL	1.8 L	1796		1968-79	Luce, B1800	78.00	1.20	398 BF CR S	2C4237	4	STD
OHC-4								1.50	126 RVT PC GI	2C4237010		0.25
								4.00	058 FV CR	2C4237020		0.50
									732 FV CR	2C4237030		0.75
										2C4237040		1.00
										2C4237060		1.50
VB	4 CYL	1.8 L	1797		1972-78	618, B1800	78.00	1.50	032 BF PC GI	4265	4	STD
								1.50	126 RVT PC GI	4265010		0.25
								4.00	058 FV CR	4265020		0.50
									732 FV CR	4265030		0.75
										4265040		1.00
										4265060		1.50
									362 BF 3CR GI	2C4265	4	STD
									126 RVT PC GI	2C4265010		0.25
									058 FV CR	2C4265020		0.50
									732 FV CR	2C4265030		0.75
										2C4265040		1.00
										2C4265060		1.50
									327 BF PM GI	2M4265	4	STD
									126 RVT PC GI	2M4265010		0.25
									058 FV CR	2M4265020		0.50
									732 FV CR	2M4265030		0.75
										2M4265040		1.00
										2M4265060		1.50
KF	6 CYL	2.0 L	1995		1991-03	Mx-6, 323f Zxi, 626 LX	78.00	1.50	032 BF PC GI	5289	6	STD
DOHC								1.50	126 RVT PC GI	5289020		0.50
								3.00	996 FV CR	5289040		1.00
									732 FV CR			
									363 BF CR GI	2C5289	6	STD
									126 RVT PC GI	2C5289020		0.50
									996 FV CR	2C5289040		1.00
									732 FV CR			
VC	4 CYL	1.8 L	1769		1973-84	B1800, Cosmo, Luce	80.00	2.00	032 BF PC GI	6761	4	STD
								2.00	401 SCRP PC GI	6761020		0.50
								4.00	056 FV CR	6761030		0.75
									732 FV CR	6761040		1.00
										6761060		1.50
									362 BF 3CR GI	2C6761	4	STD
									401 SCRP PC GI	2C6761020		0.50
									056 FV CR	2C6761030		0.75
									732 FV CR	2C6761040		1.00
	4 CYL	2.0 L	1970		1979-82	626	80.00	1.20	398 BF CR S	2C6141	4	STD
						8V L4		1.50	126 RVT PC GI	2C6141010		0.25
								4.00	056 FV CR	2C6141020		0.50
									732 FV CR	2C6141030		0.75
										2C6141040		1.00
										2C6141060		1.50
	4 CYL	2.0 L	1970		1982-84	626	80.00	1.50	032 BF PC GI	6155	4	STD
						8V L4		2.00	126 RVT PC GI	6155010		0.25
								4.00	058 FV CR	6155020		0.50
									732 FV CR	6155030		0.75
										6155040		1.00
									362 BF 3CR GI	2C6155	4	STD
									126 RVT PC GI	2C6155010		0.25
									058 FV CR	2C6155020		0.50
									732 FV CR	2C6155030		0.75
										2C6155040		1.00
										2C6155060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MAZDA												
MA	4 CYL	2.0 L	1970		1977-85	B2000, Cosmo, Luce	80.00	2.00	032 BF PC GI	6761	4	STD
								2.00	401 SCRP PC GI	6761020		0.50
								4.00	056 FV CR	6761030		0.75
									732 FV CR	6761040		1.00
										6761060		1.50
									362 BF 3CR GI	2C6761	4	STD
									401 SCRP PC GI	2C6761020		0.50
									056 FV CR	2C6761030		0.75
									732 FV CR	2C6761040		1.00
KJ	6 CYL	2.3 L	2255		1995-02	Millenia	80.30	1.50	032 BF PC GI	4918	6	STD
								1.50	401 SCRP PC GI	4918020		0.50
								3.00	054 FV CR	4918030		0.75
									005 FV CR	4918040		1.00
									363 BF CR GI	2C4918	6	STD
									401 SCRP PC GI	2C4918020		0.50
									054 FV CR	2C4918030		0.75
									005 FV CR	2C4918040		1.00
	4 CYL	1.6 L	1587			626 EXPORT ONLY	81.00	1.50	032 BF PC GI	4665	4	STD
								1.50	126 RVT PC GI	4665020		0.50
								4.00	056 FV CR	4665030		0.75
									732 FV CR	4665040		1.00
										4665060		1.50
									363 BF CR GI	2C4665	4	STD
									126 RVT PC GI	2C4665020		0.50
									056 FV CR	2C4665030		0.75
									732 FV CR			
F6	4 CYL	1.6 L	1597		1983-93	323, B1600 Shallow Oil Grv.	81.00	1.50	363 BF CR GI	2C4867	4	STD
								1.50	126 RVT PC GI	2C4867020		0.50
								4.00	058 FV CR	2C4867040		1.00
									732 FV CR			
GY-DE	6 CYL	2.5 L	2495		1999-02	MPV II	81.60	1.20	398 BF CR S	2C5160	6	STD
								1.50	126 RVT PC GI	2C5160020		0.50
								3.00	054 FV CR	2C5160030		0.75
									732 FV CR	2C5160040		1.00
VA	4 CYL	2.0 L	1985			Forklift	82.00	2.00	032 BF PC GI	4630	4	STD
								2.00	126 RVT PC GI			
								4.50	870 FV CR			
									732 FV CR			
RTJ, RTK SOHC	4 CYL	1.8 L	1753		1996-03	Mazda 121 III Diesel Eng	82.50	2.00	217 BF CR DI	2C7538	1	STD
								2.00	218 TF PC DI			
								3.00	204 CF CR DI			
									881 2PCO			
BP, BP01, BP05-VE Vin. 6, P DOHC, SOHC	4 CYL	1.8 L	1839		1990-05	323, Miata Protégé Incl. Turbo	83.00	1.50	032 BF PC GI	4651	4	STD
								1.50	126 RVT PC GI	4651010		0.25
								3.00	054 FV CR	4651020		0.50
									732 FV CR	4651040		1.00
									376 BF CR DI	2C4651	4	STD
									126 RVT PC GI	2C4651010		0.25
									054 FV CR	2C4651020		0.50
									732 FV CR	2C4651030		0.75
										2C4651040		1.00
										2C4651060		1.50
									326 TBF GN SS	2N4651	4	STD
									435 SCRP PC GI			
									987 FV GN SS			
									714 GN SS			
FP DOHC	4 CYL	1.8 L	1839		1993-03	323 Astina, 626, Capella, Protege	83.00	1.20	398 BF CR S	2C4771	4	STD
								1.50	126 RVT PC GI	2C4771010		0.25
								3.00	997 FV CR	2C4771020		0.50
									732 FV CR	2C4771030		0.75
										2C4771040		1.00
	4 CYL	1.8 L	1839			323 Race	83.00	1.50	032 BF PC GI	5573	4	STD
								1.50	126 RVT PC GI	5573020		0.50
								3.00	054 FV CR			
									732 FV CR			
									376 BF CR DI	2C5573	4	STD
									126 RVT PC GI	2C5573010		0.25
									054 FV CR	2C5573020		0.50
									732 FV CR	2C5573030		0.75
										2C5573040		1.00
										2C5573060		1.50
FS , FP DOHC	4 CYL	2.0 L	1991		1993-03	MX6, 626	83.00	1.20	398 BF CR S	2C4749	4	STD
								1.50	126 RVT PC GI	2C4749010		0.25
								3.00	054 FV CR	2C4749020		0.50
									732 FV CR	2C4749030		0.75
										2C4749040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MAZDA												
FS	4 CYL	2.0 L	1991		1993-06	626, MX-6, Protegé	83.00	1.20	398 BF CR S	2C4771	4	STD
DOHC								1.50	126 RVT PC GI	2C4771010		0.25
								3.00	997 FV CR	2C4771020		0.50
									732 FV CR	2C4771030		0.75
										2C4771040		1.00
KL	6 CYL	2.5 L	2497		1993-02	626, MX-6, Millenia	84.50	1.50	032 BF PC GI	4750	6	STD
								1.50	126 RVT PC GI	4750020		0.50
								3.00	054 FV CR	4750030		0.75
									732 FV CR	4750040		1.00
									362 BF 3CR GI	2C4750	6	STD
									126 RVT PC GI	2C4750020		0.50
									054 FV CR	2C4750030		0.75
									732 FV CR	2C4750040		1.00
F8	4 CYL	1.8 L	1789		1987-92	626	86.00	1.50	032 BF PC GI	5664	4	STD
								1.50	435 SCRP PC GI	5664020		0.50
								4.00	058 FV CR	5664030		0.75
									732 FV CR	5664040		1.00
										5664060		1.50
									362 BF 3CR GI	2C5664	4	STD
									435 SCRP PC GI	2C5664010		0.25
									058 FV CR	2C5664020		0.50
									732 FV CR	2C5664030		0.75
										2C5664040		1.00
										2C5664060		1.50
									397 BF PM S	2M5664	4	STD
									435 SCRP PC GI	2M5664010		0.25
									058 FV CR	2M5664020		0.50
									732 FV CR	2M5664030		0.75
										2M5664040		1.00
										2M5664060		1.50
RF55	4 CYL	2.0 L	1998		1992-97	626	86.00	2.00	336 T PM DI	2D4210	4	STD
								2.00	435 SCRP PC GI			
						Diesel Eng		4.00	553 CF CR GI			
									881 2PCO			
RF, RF46	4 CYL	2.0 L	1998		1983-97	626,Spectron	86.00	2.00	335 T PM DI	2D4989	4	STD
RF83						Diesel Eng		2.00	435 SCRP PC GI	2D498950		0.50
								3.00	553 CF CR GI			
									881 2PCO			
FE	4 CYL	2.0 L	1998		1984-06	626, 929, B-Serie, E2000	86.00	1.50	032 BF PC GI	5664	4	STD
								1.50	435 SCRP PC GI	5664020		0.50
								4.00	058 FV CR	5664030		0.75
									732 FV CR	5664040		1.00
										5664060		1.50
									362 BF 3CR GI	2C5664	4	STD
									435 SCRP PC GI	2C5664010		0.25
									058 FV CR	2C5664020		0.50
									732 FV CR	2C5664030		0.75
										2C5664040		1.00
										2C5664060		1.50
									397 BF PM S	2M5664	4	STD
									435 SCRP PC GI	2M5664010		0.25
									058 FV CR	2M5664020		0.50
									732 FV CR	2M5664030		0.75
										2M5664040		1.00
										2M5664060		1.50
R2	4 CYL	2.2 L	2184		1984-99	B Serie, E Serie, Spectron	86.00	2.00	336 T PM DI	2D4210	4	STD
								2.00	435 SCRP PC GI			
						Diesel Eng		4.00	553 CF CR GI			
									881 2PCO			
F2, F2L1	4 CYL	2.2 L	2184		1988-93	626	86.00	1.50	032 BF PC GI	5664	4	STD
								1.50	435 SCRP PC GI	5664020		0.50
								4.00	058 FV CR	5664030		0.75
									732 FV CR	5664040		1.00
										5664060		1.50
									362 BF 3CR GI	2C5664	4	STD
									435 SCRP PC GI	2C5664010		0.25
									058 FV CR	2C5664020		0.50
									732 FV CR	2C5664030		0.75
										2C5664040		1.00
										2C5664060		1.50
									397 BF PM S	2M5664	4	STD
									435 SCRP PC GI	2M5664010		0.25
									058 FV CR	2M5664020		0.50
									732 FV CR	2M5664030		0.75
										2M5664040		1.00
										2M5664060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MAZDA												
L3-VDT	4 CYL	2.3 L	2261		2006-12	Mazda 3, 6, CX7 MZR	87.50	1.50	397 BF PM S	2M5168	4	STD
DOHC						16V Duatac 23 w/Turbo		1.50	126 RVT PC GI	2M5168020		0.50
								2.00	993 FV CR	2M5168030		0.75
									005 FV CR	2M5168040		1.00
AJ-DE	6 CYL	3.0 L	2967		2001-08	Mazda 6, MPV	89.00	1.20	398 BF CR S	2C5077	6	STD
DOHC								1.50	126 RVT PC GI	2C5077010		0.25
								2.50	872 FV CR	2C5077020		0.50
									005 FV CR	2C5077030		0.75
										2C5077040		1.00
VULCAN	6 CYL	3.0 L	2986	182	1994-07	B3000 Pickup	89.00	1.50	032 BF PC GI	5762	6	STD
Vin. U, V								1.50	126 RVT PC GI	5762010		0.25
DOHC								4.00	052 FV CR	5762020		0.50
									005 FV CR	5762030		0.75
										5762040		1.00
										5762060		1.50
									363 BF CR GI	2C5762	6	STD
									126 RVT PC GI	2C5762010		0.25
									052 FV CR	2C5762020		0.50
									005 FV CR	2C5762030		0.75
										2C5762040		1.00
									327 BF PM GI	2M5762	6	STD
									126 RVT PC GI	2M5762010		0.25
									052 FV CR	2M5762020		0.50
									005 FV CR	2M5762030		0.75
										2M5762040		1.00
JE	6 CYL	3.0 L	2954		1988-97	929, MPV	90.00	1.50	363 BF CR GI	2C4679	6	STD
								1.50	126 RVT PC GI	2C4679020		0.50
								4.00	056 FV CR	2C4679030		0.75
									732 FV CR	2C4679040		1.00
									335 T PM DI	2M4679	6	STD
									126 RVT PC GI	2M4679020		0.50
									056 FV CR	2M4679030		0.75
									732 FV CR			
M1 CARB	4 CYL	2.6 L	2555		1987-88	B2600 Pickup	91.10	1.50	032 BF PC GI	5667	4	STD
								1.50	126 RVT PC GI	5667010		0.25
								4.00	056 FV CR	5667020		0.50
									732 FV CR	5667030		0.75
										5667040		1.00
										5667060		1.50
									363 BF CR GI	2C5667	4	STD
									126 RVT PC GI	2C5667010		0.25
									056 FV CR	2C5667020		0.50
									732 FV CR	2C5667030		0.75
										2C5667040		1.00
										2C5667060		1.50
G6	4 CYL	2.6 L	2605		1989-94	B2600i, MPV Truck	92.00	1.50	032 BF PC GI	4216	4	STD
								1.50	401 SCRP PC GI	4216010		0.25
								4.00	870 FV CR	4216020		0.50
									732 FV CR	4216030		0.75
										4216040		1.00
										4216060		1.50
									363 BF CR GI	2C4216	4	STD
									401 SCRP PC GI	2C4216010		0.25
									870 FV CR	2C4216020		0.50
									732 FV CR	2C4216030		0.75
										2C4216040		1.00
									335 T PM DI	2M4216	4	STD
									401 SCRP PC GI	2M4216010		0.25
									870 FV CR	2M4216020		0.50
									732 FV CR	2M4216030		0.75
										2M4216040		1.00
										2M4216060		1.50
ZB	6 CYL	4.1 L	4052			Forklift,	92.08	2.38	032 BF PC GI	563	6	STD
								2.38	126 RVT PC GI	563020		0.50
								4.75	860 FV CR	563030		0.75
									732 FV CR			
WL, WLAA	4 CYL	2.5 L	2499		2006-15	B Serie, BT-50	93.00	2.00	326 TBF GN SS	2D7277	4	STD
						Diesel Eng		1.50	236 TF CR DI			
								2.00	203 CF GN SS			
									881 2PCO			
WL-T	4 CYL	2.5 L	2499		1995-10	B Series, E Series, MPV	93.00	2.50	215 TBF CR DI	2D5308	4	STD
Diesel Engine								2.00	257 TF CR DI	2D530850		0.50
								3.00	553 CF CR GI	2D5308100		1.00
									881 2PCO			
HA	4 CYL	3.0 L	2977			Titan E3000 WE, WOF1	95.00	2.38	363 BF CR GI	2D4379	4	STD
						Diesel Eng		2.38	126 RVT PC GI	2D437925		0.25
								4.75	553 CF CR GI	2D437950		0.50
									881 2PCO			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MAZDA												
	4 CYL	2.3 L	2300		1994-97	B2300 Pickup	96.00	1.50	032 BF PC GI	5761	4	STD
								1.50	126 RVT PC GI	5761020		0.50
								4.00	870 FV CR	5761030		0.75
									732 FV CR	5761040		1.00
										5761060		1.50
									362 BF 3CR GI	2C5761	4	STD
									126 RVT PC GI	2C5761020		0.50
									870 FV CR	2C5761030		0.75
									732 FV CR	2C5761040		1.00
										2C5761060		1.50
									327 BF PM GI	2M5761	4	STD
									126 RVT PC GI	2M5761020		0.50
									870 FV CR	2M5761030		0.75
									732 FV CR	2M5761040		1.00
										2M5761060		1.50
	4 CYL	2.5 L	2507		1998-01	B2500 SOHC	96.00	1.50	032 BF PC GI	4912	4	STD
								1.50	126 RVT PC GI	4912020		0.50
								3.00	054 FV CR	4912030		0.75
									732 FV CR	4912040		1.00
										4912060		1.50
									362 BF 3CR GI	2C4912	4	STD
									126 RVT PC GI	2C4912020		0.50
									054 FV CR	2C4912030		0.75
									732 FV CR	2C4912040		1.00
										2C4912060		1.50
XS	6 CYL	4.0 L	4016		1991-07	Navajo, B4000 SOHC	100.40	1.60	032 BF PC GI	4627	6	STD
								1.75	126 RVT PC GI	4627020		0.50
								3.50	874 FV CR	4627030		0.75
									732 FV CR	4627040		1.00
										4627060		1.50
									335 T PM DI	2M4627	6	STD
									126 RVT PC GI	2M4627010		0.25
									874 FV CR	2M4627020		0.50
									732 FV CR	2M4627030		0.75
										2M4627040		1.00
										2M4627060		1.50
MERCEDES-BENZ												
M160 E6AL B03, M160 E6AL B04	3 CYL	0.6 L	599		1998-On	Smart 600	63.50	1.20	398 BF CR S	2C7432	3	STD
								1.50	126 RVT PC GI	2C743225		0.25
								2.50	995 FV CR	2C743250		0.50
									732 FV CR			
OM660.940 OM660.950	3 CYL	0.8 L	799		2004-On	Dlesel Eng.	65.50	1.50	201 BF GN SS	2D7448	1	STD
								1.50	202 TTF PC DI			
								2.50	248 CF CR			
									881 2PCO			
M 166.940, M 166.960 M 166.961	4 CYL	1.6 L	1598		1997-04	A-Class, Vaneo 1.6	80.00	1.20	322 BF GN SS	2N4138	4	STD
								1.75	275 TF CR DI			
								3.00	996 FV CR			
									732 FV CR			
OM668.942 OM668.941 OM668.940 OM668.914 DOHC	4 CYL	1.7 L	1689		1998-05	A-Class, Vaneo Dlesel Eng.	80.00	2.00	212 TBF CC DI	2D7352	1	STD
								2.00	209 RVT PC DI			
								3.00	204 CF CR DI			
									881 2PCO			
M180.954	6 CYL	2.3 L	2292		1968-76	230.6	81.75	1.75	032 BF PC GI	4544	6	STD
								2.50	401 SCRP PC GI			
								4.00	860 FV CR			
									732 FV CR			
									363 BF CR GI	2C4544	6	STD
									401 SCRP PC GI			
									860 FV CR			
									732 FV CR			
M 271.942 (M271 DE18)	4 CYL	1.8 L	1796		2003-10	C Class, CLK	82.00	1.20	322 BF GN SS	2N4129	4	STD
								1.50	126 RVT PC GI			
								2.50	987 FV GN SS			
									714 GN SS			
M103.940, M103.941, M103.942 M103.943	6 CYL	2.6 L	2599		1982-93	Kombi Estate 260, S-Class 260 SE, 190	82.90	1.50	362 BF 3CR GI	2C5074	6	STD
								1.75	126 RVT PC GI	2C5074020		0.50
								3.00	054 FV CR			
									732 FV CR			
OM 639.939 Euro 4 OM 640.940 OM 640.941	4 CYL	2.0 L	1991		2004-12	A160, A180, A200, B180, B200 Diesel Eng	83.00	2.00	220 TBF PM DI	2M7382	1	STD
								2.00	126 RVT PC GI			
								2.00	248 CF CR			
									881 2PCO			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MERCEDES-BENZ												
OM642	6 CYL	3.0 L	2987		2006-14	ML300, ML350, E320, E350, S320 Diesel Eng	83.00	2.00 2.00 2.00	240 FKST CC DI 126 RVT PC GI 248 CF CR 881 2PCO	2D7367	1	STD
M 266.920	4 CYL	1.5 L	1498		2004-12	A Class, B Class	83.00	1.20 1.75 2.00	322 BF GN SS 406 N PC DI 987 FV GN SS 714 GN SS	2N4055	4	STD
M 266.940	4 CYL	1.7 L	1699		2004-12	A Class, B Class	83.00	1.20 1.75 2.00	322 BF GN SS 406 N PC DI 987 FV GN SS 714 GN SS	2N4055	4	STD
M 266.960	4 CYL	2.0 L	2034		2004-12	A Class, B Class	83.00	1.20 1.75 2.00	322 BF GN SS 406 N PC DI 987 FV GN SS 714 GN SS	2N4055	4	STD
OM651.911, OM651.912, OM651.913, OM651.916, OM651.921, OM651.924, OM651.925, OM651.930, OM651.940, OM651.955 OM651.956, OM651.957 OM651.960, OM651.961 OM651.980,	4 CYL	2.1 L	2143		2007-13	A-Class, B-Class, CLA, Viano, C-Class C,E-Class, GLK-Class, M-Class, S-Class, SLK Turbo Diesel	83.00	2.00 1.75 2.00	255 TBF CC DI 123 RVT PC DI 248 CF CR 881 2PCO	2D7440 2D744025 2D744050	4	STD 0.25 0.50
M 112.910, M 112.911	6 CYL	2.4 L	2398		1997-03	C Class, E Class	83.20	1.50 1.75 3.00	326 TBF GN SS 406 N PC DI 987 FV GN SS 714 GN SS	2N4187	6	STD
M 111, M 111.920, M 111.921	4 CYL	1.8 L	1799		1993-00	C 180, C Class	85.30	1.50 1.75 3.00	376 BF CR DI 406 N PC DI 553 CF CR GI 881 2PCO	2C4192 2C419225 2C419250	4	STD 0.25 0.50
M110.921, M110.922 M110.923, M110.924 M110.926, M110.981 M110.982, M110.983 M110.985, M110.986 M110.988, M110.989 M110.990	6 CYL	2.7 L	2746		1972-On	S-Class 280, Saloon 280	86.00	1.75 2.50 4.00	362 BF 3CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C4303 2C4303020	6	STD 0.50
OM628.960, OM628.961 OM628.962, OM628.963 DOHC	8 CYL	4.0 L	3996		2000-08	E-Class, G-Class, M-Class, S-Class V8	86.00	2.50 2.00 3.00	212 TBF CC DI 202 TTF PC DI 204 CF CR DI 881 2PCO	2D7329	1	STD
	6 CYL	2.8 L	2778		1968-73	280S, 280SE, 280SL, 250/8, 250C, 300SEL	86.50	2.00 2.00 2.50 4.00	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	9505	6	STD
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 056 FV CR 732 FV CR	2C9505	6	STD
	4 CYL					190D Mahle Piston	87.00	1.50 1.50 2.50 4.00	362 BF 3CR GI 102 T PC GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C4542 2C4542010 2C4542020 2C4542030 2C4542040	4	STD 0.25 0.50 0.75 1.00
M115.923, M115.926 M115.938, M115.939	4 CYL	2.0 L	1988		1965-80	/8 200, Heckflosse 200 Saloon 200	87.00	1.50 2.50 4.00	362 BF 3CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C7275 2C7275020 2C7275040	4	STD 0.50 1.00
OM615.915, OM615.940, OM615.961, OM615.963 OM615.965, OM615.968 OM615.969, OM615.970	4 CYL	2.0 L	1988		1966-79	Saloon 200 D, Series 206 100 Bus,2000 D, 100 Box 2.0 D, 100 Bus 2.0 D	87.00	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	6157 6157020 6157030 6157040 6157060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C6157 2C6157020 2C6157030 2C6157040	4	STD 0.50 0.75 1.00
									327 BF PM GI 126 RVT PC GI 056 FV CR 732 FV CR	2M6157 2M6157020 2M6157030 2M6157040	4	STD 0.50 0.75 1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MERCEDES-BENZ												
OM615.913	4 CYL	2.0 L	1988		1968-77	8 200 D 3 Ring Piston Diesel Eng	87.00	3.00 2.00 4.00	363 BF CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C9506	4	STD
M115.900	4 CYL	2.2 L	2197		1968-On	220/8 3 Ring Piston	87.00	2.00 2.50 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	4320 4320040 4320020	4	STD 1.00 1.00
									362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C4320 2C4320040	4	STD 1.00
OM615, OM615.911, OM615.917, OM615.941 OM615.918, OM615.936 OM615.937, OM615.939	4 CYL	2.2 L	2197		1973-96	Henschel 2-T 206 T2/L, Unimog,Series F 20	87.00	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	6157 6157020 6157030 6157040 6157060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C6157 2C6157020 2C6157030 2C6157040	4	STD 0.50 0.75 1.00
									327 BF PM GI 126 RVT PC GI 056 FV CR 732 FV CR	2M6157 2M6157020 2M6157030 2M6157040	4	STD 0.50 0.75 1.00
OM615.910, OM615.912 OM615.914, OM615.916 OM615.930, OM615.932	4 CYL	2.2 L	2197		1968-80	O 309 O 309 D,/8 200 D 3 Ring Piston Diesel Eng	87.00	3.00 2.00 4.00	363 BF CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C9506	4	STD
OM602.961,OM602A.962 OM605.960,OM605.962	5 CYL	2.5 L	2497		1988-96	C-Class, E-Class, 300TD Diesel Eng	87.00	2.50 2.00 3.00	220 TBF PM DI 126 RVT PC GI 204 CF CR DI 881 2PCO	2D5627	1	STD
OM603.961,OM603A.960 OM603A.963	6 CYL	3.0 L	2996		1986-96	E-Class, Saloon 300 Turbo-D Diesel Eng	87.00	2.50 2.00 3.00	220 TBF PM DI 126 RVT PC GI 204 CF CR DI 881 2PCO	2D5627	1	STD
OM611LA,OM611.960 OM646.811, OM646.820	4 CYL	2.1 L	2148		1997-09	C-Class, E-Class, Sprinter 3,Vito Box Dlesel Eng.	88.00	2.50 2.00 3.00	212 TBF CC DI 229 TTF PC DI 204 CF CR DI 881 2PCO	2D7291 2D729150	1	STD 0.50
M 272.911, M 272.920 M 272.921, M 272.922	6 CYL	2.5 L	2496		2005-11	C-Class, E-Class	88.00	1.50 1.75 2.50	322 BF GN SS 406 N PC DI 987 FV GN SS 714 GN SS	2N4059	6	STD
OM612.961,OM612.962 OM612.966, OM612.981	5 CYL	2.7 L	2685		1999-07	C-Class, E-Class, M-Class Dlesel Eng.	88.00	2.50 2.00 3.00	212 TBF CC DI 229 TTF PC DI 204 CF CR DI 881 2PCO	2D7291 2D729150	1	STD 0.50
M 272.940, M 272.941 M 272.942, M 272.943 M 272.944, M 272.945 M 272.946, M 272.947 M 272.948, M 272.949 M 272.952	6 CYL	3.0 L	2996		2005-12	C-Class, CLS,E-Class,R-Class S-Class	88.00	1.50 1.75 2.50	322 BF GN SS 406 N PC DI 987 FV GN SS 714 GN SS	2N4059	6	STD
OM613.960, OM613.961	6 CYL	3.2 L	3222		1999-03	E-Class,S-Class Dlesel Eng.	88.00	2.50 2.00 3.00	212 TBF CC DI 229 TTF PC DI 204 CF CR DI 881 2PCO	2D7291 2D729150	1	STD 0.50
M104.980, M104.981	6 CYL	3.0 L	2960		1989-96	Cabriolet 300, Saloon,	88.50	1.50 1.75 3.00	335 T PM DI 126 RVT PC GI 054 FV CR 732 FV CR	2M4976 2M4976020 2M4976040	6	STD 0.50 1.00
M103.980,M103.981 M103.982, M103.983 M103.984, M103.987	6 CYL	3.0 L	2962		1985-97	E-Class,G-Class, S-Class,	88.50	1.50 1.75 3.00	335 T PM DI 126 RVT PC GI 054 FV CR 732 FV CR	2M4976 2M4976020 2M4976040	6	STD 0.50 1.00
M102 E 20, M102 V 20	4 CYL				1980-On	109, 190E, 200T M102	89.00	1.75 2.00 3.50	327 BF PM GI 126 RVT PC GI 056 FV CR 732 FV CR	2M4820 2M4820020 2M4820040	4	STD 0.50 1.00
OM604 D	4 CYL	2.2 L	2155		1993-On	C 220, E 220 Diesel Eng	89.00	2.50 2.00 3.00	244 TBF CR DI 229 TTF PC DI 204 CF CR DI 881 2PCO	2C7292	1	STD

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MERCEDES-BENZ												
OM604 D	4 CYL	2.2 L	2155		1993-On	C 220, E 220 Diesel Eng	89.00	2.50 2.00 3.00	244 TBF CR DI 229 TTF PC DI 204 CF CR DI 881 2PCO	2C7292	1	STD
OM601 D 23	4 CYL	2.3 L	2299		1988-00	208, 308, 408,508,Viano,Vito Diesel Eng	89.00	2.50 2.00 3.00	244 TBF CR DI 229 TTF PC DI 204 CF CR DI 881 2PCO	2C7292	1	STD
OM601 D 23	4 CYL	2.3 L	2299		1988-00	208, 308, 408,508,Viano,Vito Diesel Eng	89.00	2.50 2.00 3.00	244 TBF CR DI 229 TTF PC DI 204 CF CR DI 881 2PCO	2C7292	1	STD
OM602 D 29, OM602 D 29 LA	5 CYL	2.9 L	2874		1988-00	290 GD, O 405,Sprinter, Diesel Eng	89.00	2.50 2.00 3.00	244 TBF CR DI 229 TTF PC DI 204 CF CR DI 881 2PCO	2C7292	1	STD
OM602 D 29, OM602 D 29 LA	5 CYL	2.9 L	2874		1988-00	290 GD, O 405,Sprinter, Vario Diesel Eng	89.00	2.50 2.00 3.00	244 TBF CR DI 229 TTF PC DI 204 CF CR DI 881 2PCO	2C7292	1	STD
OM603 D 35 A	6 CYL	3.5 L	3449		1992-97	350 S, 350 GD Diesel Eng	89.00	2.50 2.00 3.00	244 TBF CR DI 229 TTF PC DI 204 CF CR DI 881 2PCO	2C7292	1	STD
OM603 D 35 A	6 CYL	3.5 L	3449		1992-97	350 S, 350 GD Diesel Eng	89.00	2.50 2.00 3.00	244 TBF CR DI 229 TTF PC DI 204 CF CR DI 881 2PCO	2C7292	1	STD
OM616.913, OM616.914 OM616.936, OM616.939	4 CYL	2.4 L	2399		1978-On	240D, T1 Diesel Eng	90.90	3.00 2.00 4.00	345 T PM GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2M4724	4	STD
OM617.913,OM617.931 OM617.932, OM617.933 OM617.950, OM617.952 OM616.913	5 CYL	3.0 L	2998		1979-On	G Class, 300GD, Kombi Diesel Eng	90.90	3.00 2.00 4.00	345 T PM GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2M4934	5	STD
M161.971, M111.984, M111.981, M111.982, M111.980, M111.979, M111.978, M111.977, M111.975, M111.974, M111.973, M111.970	4 CYL	2.3 L	2295		1995-06	C-Class, CLK, E-Class, CLK, M-Class, V-Class, Vito, Sprinter, Viano, V, C-Class	90.90	1.50 1.75 3.00	326 TBF GN SS 406 N PC DI 203 CF GN SS 881 2PCO	2N7442 2N744225 2N744250	4	STD 0.25 0.50
OM616.916,OM616.932	4 CYL	2.4 L	2404		1973-88	/8 240 D,T1 Bus Diesel Eng	91.00	3.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 553 CF CR GI 881 2PCO	5325	4	STD
									345 T PM GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2M5325 2M5325020	4	STD 0.50
OM616.916,OM616.932	4 CYL	2.4 L	2404		1973-88	/8 240 D,T1 Bus Diesel Eng	91.00	3.00 2.00 4.00	362 BF 3CR GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2C5564	1	STD
OM617.910,OM617.912	5 CYL	3.0 L	2998		1974-85	/8 240 D 3.0 Diesel Eng	91.00	3.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 553 CF CR GI 881 2PCO	5325	4	STD
									345 T PM GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2M5325 2M5325020	4	STD 0.50
OM617.910,OM617.912	5 CYL	3.0 L	2998		1974-85	/8 240 D 3.0 Diesel Eng	91.00	3.00 2.00 4.00	362 BF 3CR GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2C5564	1	STD
M116.980, M116.981 M116.982, M116.983 M116.984, M116.985	8 CYL	3.5 L	3499		1969-80	S Class, SL 350	92.00	1.75 2.50 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5490	8	STD
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5490	8	STD
M116.960	8 CYL	3.8 L	3818		1980-84	S-Class 3.8, SL 380	92.00	1.75 2.00 3.50	363 BF CR GI 401 SCRP PC GI 059 FV CR 732 FV CR	2C5760 2C5760020	8	STD 0.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MERCEDES-BENZ												
M117.982, M117.983 M117.986	8 CYL	4.5 L	4520		1972-80	S-Class, SL 450	92.00	1.75 2.50 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5490	8	STD
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5490	8	STD
M272DE35, M272KE35, M273KE46, 272.960 DOHC FI 24V	6 CYL	3.5 L	3498		2005-08	C350, CLK350, E350, R350, SLK350	92.90	1.50 1.75 2.50	336 T PM DI 126 RVT PC GI 985 FV CR 732 FV CR	2M5304	6	STD
M115.951, M115.954 M115.955, M115.955 M115.973	4 CYL	2.3 L	2308		1976-93	/8 230.4, Coupe 230 C, T1 Box 210, G-Class 230 G	93.75	1.75 2.50 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5373	4	STD
									363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5373 2C5373020 2C5373040	4	STD 0.50 1.00
M102.985, M102.980 M102.981	4 CYL	2.3 L	2299		1979-92	190E, 230E, 230CE, 230GE, 230TE	95.50	1.75 2.00 3.50	362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C5071 2C5071020 2C5071040	4	STD 0.50 1.00
M 117.960, M 117.963 M 119.960, M 119.972 M 119.980	8 CYL	5.0 L	4973		1991-01	SL 500, S-Class 500	96.50	1.75 2.00 3.50	363 BF CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C4818 2C4818020 2C4818040	8	STD 0.50 1.00
M 112.970, M 112.972 M 112.973, M 112.975 M 112.976	6 CYL	3.7 L	3724		2002-12	M-Class, S-Class, SL 350	97.00	1.20 1.50 2.00	322 BF GN SS 406 N PC DI 991 FV CR 005 FV CR	2N4078 2N407825 2N407850	1	STD 0.25 0.50
M 113.960, M 113.961 M 113.962, M 113.963 M 113.964, M 113.965 M 113.966, M 113.967 M 113.968, M 113.969 M 113.971	8 CYL	5.0 L	4966		1998-10	G-Class, M-Class, S Class, SL 500	97.00	1.20 1.50 2.00	322 BF GN SS 406 N PC DI 991 FV CR 005 FV CR	2N4078 2N407825 2N407850	1	STD 0.25 0.50
M 113.980, M 113.981 M 113.984 M 113.971	8 CYL	5.4 L	5439		1998-05	CLK, E-Class, M-Class	97.00	1.20 1.50 2.00	322 BF GN SS 406 N PC DI 991 FV CR 005 FV CR	2N4078 2N407825 2N407850	1	STD 0.25 0.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MERCEDES-BENZ												
OM 341.900,OM 341.910,OM 341 OM 341.912,OM 341.915,OM 341.918, OM 341.919,OM 341.931,OM 341.932, OM 341.934,OM 341.935,OM 341.936, OM 341.938,OM 341.941,OM 341.946, OM 341.948,OM 341.949,OM 341.995, OM 344.905,OM 344.912,OM 344.919, OM 344.930,OM 344.932,OM 344.933, OM 344.940,OM 344.941,OM 344.943, OM 344.944,OM 344.945,OM 344.946, OM 344.949,OM 344.963,OM 344.991, OM 344.997,OM 352.900,OM 352.901, OM 352.902,OM 352.903,OM 352.904, OM 352.905,OM 352.906,OM 352.907, OM 352.908,OM 352.909,OM 352.910, OM 352.911,OM 352.912,OM 352.914, OM 352.915,OM 352.917,OM 352.919, OM 352.930,OM 352.931,OM 352.932, OM 352.933,OM 352.934,OM 352.935, OM 352.936,OM 352.938,OM 352.939, OM 352.942,OM 352.943,OM352.944, OM 352.945,OM 352.948,OM 352.953, OM 352.954,OM 352.955,OM 352.956, OM 352.957,OM 352.958,OM 352.959, OM 352.960,OM 352.961,OM 352.962, OM 352.963,OM 352.964,OM 352.965, OM 352.966,OM 352.967,OM 352.969, OM 352.970,OM 352.971,OM 352.972, OM 352.973,OM 352.974,OM 352.975, OM 352.976,OM 352.978,OM 352.979, OM 352.980,OM 352.981,OM 352.982, OM 352.983,OM 352.984,OM 352.985, OM 352.986,OM 352.987,OM 352.989, OM 352.990,OM 352.991,OM 352.992, OM 352.993,OM 352.996,OM 352.997, OM 352.998,OM 352.999,OM 353.900, OM 353.901,OM 353.902,OM 353.903, OM 353.904,OM 353.905,OM 353.907, OM 353.915,OM 353.916,OM 353.917, OM 353.922,OM 353.923,OM 353.930, OM 353.931,OM 353.932,OM 353.933, OM 353.934,OM 353.935,OM 353.936, OM 353.938,OM 353.940,OM 353.941, OM 353.942,OM 353.943,OM 353.944, OM 353.945,OM 353.946,OM 353.949, OM 353.957,OM 353.960,OM 353.961, OM 353.962,OM 353.963,OM 353.964, OM 353.965,OM 353.966,OM 353.967, OM 353.968,OM 353.969,OM 353.973, OM 353.980,OM 353.981,OM 353.982, OM 353.983,OM 353.984,OM 353.985, OM 353.989,OM 353.995,OM 396.900	6 CYL	5.7 L	5675			Diesel Eng.	97.00	3.00 3.00 3.00 5.50	227 FKST CR DI 035 TF PC GI 035 TF PC GI 553 2PCO CR GI	2D4512 2D451250 2D4512100	2	STD 0.50 1.00
OM 314, OM 353, OM 367,	6 CYL	3.8 L	3780		1964-On	80, 100 H.P. Diesel Eng	97.00	3.00 3.00 3.00 5.50 5.50	361 FKST CR DI 032 BF PC GI 401 SCRP PC GI 553 CF CR GI 881 2PCO 501 1PCO PC GI	2C5480 2C5480020 2C5480040	2	STD 0.50 1.00
OM314.910-965,OM314.965, OM340.930, OM340.932, OM343.910, OM343.932, OM343.934	4 CYL	3.8 L	3780			Diesel Eng.	97.00	3.00 3.00 3.00 5.50 5.50	227 FKST CR DI 035 TF PC GI 414 TFN GI 553 2PCO CR GI 501 1PCO PC GI	2D5480 2D5480020 2D5480040	2	STD 0.50 1.00
OM314.965, OM340.930, OM340.932, OM343.910, OM343.932, OM343.934	6 CYL	3.8 L	3780			Diesel Eng.	97.00	3.00 3.00 3.00 5.50	361 FKST CR DI 032 BF PC GI 401 SCRP PC GI 553 CF CR GI 881 2PCO	2D4512 2D451250 2D4512100	2	STD 0.50 1.00
OM314	6 CYL	3.8 L	3784			Turbo Diesel	97.00	2.50 2.50 4.00	361 FKST CR DI 126 RVT PC GI 553 CF CR GI 881 2PCO	2C7264	2	STD
OM352, OM352A	6 CYL	5.7 L	5675		1964-On	126 H.P. Incl. Turbo Diesel Eng	97.00	3.00 3.00 3.00 5.50 5.50	361 FKST CR DI 032 BF PC GI 401 SCRP PC GI 553 CF CR GI 881 2PCO 501 1PCO PC GI	2C5480 2C5480020 2C5480040	2	STD 0.50 1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MERCEDES-BENZ												
OM352, OM362	6 CYL	5.7 L	5675			Turbo Diesel	97.00	2.50	361 FKST CR DI	2C7264	2	STD
								2.50	126 RVT PC GI			
								4.00	553 CF CR GI			
									881 2PCO			
OM 341.900,OM 341.910,OM 341 OM 341.912,OM 341.913,OM 341.915, OM 341.918,OM 341.919,OM 341.931, OM 341.932,OM 341.933,OM 341.934, OM 341.935,OM 341.936,OM 341.937, OM 341.938,OM 341.939,OM 341.941, OM 341.943,OM 341.946,OM 341.947, OM 341.948,OM 341.949,OM 341.950, OM 341.995,OM 341.996,OM 344.905, OM 344.912,OM 344.913,OM 344.919, OM 344.930,OM 344.931,OM 344.932, OM 344.933,OM 344.940,OM 344.941, OM 344.943,OM 344.944,OM 344.945, OM 344.946,OM 344.949,OM 344.963, OM 344.991,OM 344.997,OM 352.900, OM 352.901,OM 352.902,OM 352.903, OM 352.904,OM 352.905,OM 352.906, OM 352.907,OM 352.908,OM 352.909, OM 352.910,OM 352.911,OM 352.912, OM 352.913,OM 352.914,OM 352.915, OM 352.916,OM 352.917,OM 352.918, OM 352.919,OM 352.930,OM 352.931, OM 352.932,OM 352.933,OM 352.934, OM 352.935,OM 352.936,OM 352.937, OM 352.938,OM 352.939,OM 352.942, OM 352.943,OM 352.944,OM 352.945, OM 352.946,OM 352.948,OM 352.949, OM 352.950,OM 352.953,OM 352.954, OM 352.955,OM 352.956,OM 352.957, OM 352.958,OM 352.959,OM 352.960, OM 352.961,OM 352.962,OM 352.963, OM 352.964,OM 352.965,OM 352.966, OM 352.967,OM 352.968,OM 352.969, OM 352.970,OM 352.971,OM 352.972, OM 352.973,OM 352.974,OM 352.975, OM 352.976,OM 352.978,OM 352.979, OM 352.980,OM 352.981,OM 352.982, OM 352.983,OM 352.984,OM 352.985, OM 352.986,OM 352.987,OM 352.988, OM 352.989,OM 352.990,OM 352.991, OM 352.992,OM 352.993,OM 352.994, OM 352.996,OM 352.997,OM 352.998, OM 352.999,OM 353.900,OM 353.901, OM 353.902,OM 353.903,OM 353.904, OM 353.905,OM 353.907,OM 353.909, OM 353.910,OM 353.911,OM 353.912, OM 353.913,OM 353.914,OM 353.915, OM 353.916,OM 353.917,OM 353.921, OM 353.922,OM 353.923,OM 353.930, OM 353.931,OM 353.932,OM 353.933, OM 353.934,OM 353.935,OM 353.936, OM 353.937,OM 353.938,OM 353.940, OM 353.941,OM 353.942,OM 353.943, OM 353.944,OM 353.945,OM 353.946, OM 353.949,OM 353.950,OM 353.951, OM 353.952,OM 353.953,OM 353.954, OM 353.957,OM 353.958,OM 353.960, OM 353.961,OM 353.962,OM 353.963, OM 353.964,OM 353.965,OM 353.966, OM 353.967,OM 353.968,OM 353.969, OM 353.970,OM 353.971,OM 353.972, OM 353.973,OM 353.974,OM 353.975, OM 353.976,OM 353.977,OM 353.978, OM 353.980,OM 353.981,OM 353.982, OM 353.983,OM 353.984,OM 353.985, OM 353.989,OM 353.991,OM 353.995, OM 353.997,OM 396.900	6 CYL	5.7 L	5675			Diesel Eng.	97.00	3.00 3.00 3.00 5.50 5.50	227 FKST CR DI 035 TF PC GI 414 TFN GI 553 2PCO CR GI 501 1PCO PC GI	2D5480 2D5480020 2D5480040	2	STD 0.50 1.00
OM904, OM907, OM924, OM960	4 CYL	4.3 L				Diesel Eng	102.00	3.00 2.50 4.00	220 TBF PM DI 223 RVT CR DI 553 CF CR GI 881 2PCO	2D7436 2D743630 2D743660	1	STD 0.30 0.60

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MERCEDES-BENZ												
OM902, OM906, OM909, OM926	6 CYL	6.4 L				Diesel Eng	102.00	3.00 2.50 4.00	220 TBF PM DI 223 RVT CR DI 553 CF CR GI 881 2PCO	2D7436 2D743630 2D743660	1	STD 0.30 0.60
OM 900.911 Euro 4 OM 900.912 Euro 4 OM 900.913 Euro 4 OM 900.915 Euro 4 OM 900.916 Euro 4 OM 900.917 Euro 4 OM 900.918 Euro 4 OM 900.919 Euro 4 OM 900.920 Euro 4 OM 900.921 Euro 4 OM 900.922 Euro 4	4 CYL	4.3 L	4250			Diesel Eng.	102.00	3.50 2.50 4.00	378 FKST BF CC DI 277 RVT TF CR GI 553 2PCO CR GI	2D7052 2D705230 2D705260 2D705290	1	STD 0.30 0.60 0.90
OM 902.913 Euro 4 OM 902.914 Euro 4 OM 902.915 Euro 4 OM 902.916 Euro 4 OM 902.917 Euro 4 OM 902.918 Euro 4 OM 902.923 Euro 4 OM 902.924 Euro 4 OM 902.925 Euro 4 OM 902.926 Euro 4 OM 902.927 Euro 4 OM 902.930 Euro 4 OM 902.931 Euro 4 OM 902.932 Euro 4 OM 902.933 Euro 4 OM 902.934 Euro 4 OM 902.936 Euro 4 OM 906.910 Euro 2 OM 906.911 Euro 2 OM 906.919 Euro 2 OM 906.920 OM 906.921 Euro 2 OM 906.922 Euro 2 OM 906.999	6 CYL	6.4 L	6374			Diesel Eng.	102.00	3.50 2.50 4.00	378 FKST BF CC DI 277 RVT TF CR GI 553 2PCO CR GI	2D7052 2D705230 2D705260 2D705290	1	STD 0.30 0.60 0.90
OM 924.927 Euro 5 OM 924.930 Euro 5 OM 924.931 Euro 5 OM 924.934 Euro 5 OM 924.935 OM 924.936 Euro 5 OM 924.937 Euro 5 OM 924.938	4 CYL	4.8 L	4800		2004-On	Atego Diesel Eng.	106.00	3.50 2.50 4.00	378 FKST BF CC DI 277 RVT TF CR GI 553 2PCO CR GI	2D7054 2D705430 2D705460	1	STD 0.30 0.60
OM 925.920 EEV OM 925.960 EEV OM 926.945 Euro 5 OM 926.946 Euro 5 OM 926.947 Euro 5 OM 926.948 Euro 5 OM 926.949 Euro 4 OM 926.959 OM 926.970 OM 926.971 OM 926.972 OM 926.973 OM 926.974 OM 926.975 OM 926.976	6 CYL	7.2 L	7201		2004-On	Axor Diesel Eng.	106.00	3.50 2.50 4.00	378 FKST BF CC DI 277 RVT TF CR GI 553 2PCO CR GI	2D7054 2D705430 2D705460	1	STD 0.30 0.60
OM 360, OM 360 A, OM 360 H	6 CYL					Diesel Eng	115.00	3.50 3.00 5.50	361 FKST CR DI 401 SCRP PC GI 565 CF CR GI 881 2PCO	2C5603	6	STD
OM 429.951,OM 429.953,OM 429 OM 475.907-505,OM 475.907-506,OM 475.950, OM 475.951,OM 475.952,OM 475.953, OM 475.954,OM 475.982,OM 475.984, OM 475.985,OM 475.986,OM 475.989, OM 475.991,OM 475.994,OM 475.997, OM 475.998,OM 485.980,OM 489.960, OM 489.961	5 CYL	10.0 L	9973			Diesel Eng.	128.00	3.00 3.00 4.00	213 FKST CC DI 349 RVT CR GI 553 2PCO CR GI	2D7096	1	STD

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MERCEDES-BENZ												
OM 421.900/-000,OM 421.901-4	6 CYL	11.0 L	10964			Diesel Eng.	128.00	3.00	213 FKST CC DI	2D7096	1	STD
OM 421.901-500,OM 421.901-510,								3.00	349 RVT CR GI			
OM 421.901/-400,OM 421.905,								4.00	553 2PCO CR GI			
OM 421.906,OM 421.907,OM 421.908,												
OM 421.909,OM 421.910,OM 421.923,												
OM 421.951,OM 421.967,OM 441.901,												
OM 441.901-400,OM 441.901-500,												
OM 441.901-504,OM 441.901-505,												
OM 441.901-507 Euro 2,OM 441.901-520,												
OM 441.901-530,OM 441.950 Euro 0,												
OM 441.951,OM 441.953 Euro 0,												
OM 441.955 Euro 0,OM 441.960 Euro 0,												
OM 441.961 Euro 0,OM 441.962 Euro 0,												
OM 441.980 Euro 1,OM 441.981,OM 441.982,												
OM 441.983,OM 441.985 Euro 0,												
OM 441.986 Euro 1,OM 441.987 Euro 1,												
OM 441.988 Euro 1,OM 441.989 Euro 1,												
OM 441.990 Euro 1,OM 441.991 Euro 1,												
OM 441.992 Euro 1,OM 441.993 Euro 1,												
OM 441.994 Euro 1,OM 441.995 Euro 1,												
OM 441.996 Euro 1,OM 441.997 Euro 1,												
OM 441.998 Euro 1,OM 441.999 Euro 1,												
OM 445.920 Euro 2,OM 445.921 Euro 2,												
OM 445.922 Euro 2,OM 445.923 Euro 2,												
OM 445.924 Euro 2,OM 445.925 Euro 2,												
OM 445.926 Euro 2,OM 445.927 Euro 2,												
OM 445.929 Euro 2,OM 445.930 Euro 2,												
OM 445.931 Euro 2,OM 445.933 Euro 2,												
OM 445.934 Euro 2,OM 445.935 Euro 2,												
OM 445.936 Euro 2,OM 445.937 Euro 2,												
OM 445.938 Euro 2,OM 445.939 Euro 2,												
OM 445.940 Euro 2,OM 445.941 Euro 2,												
OM 481.902,OM 481.904,OM 481.912,												
OM 481.930,OM 481.940,OM 481.941												

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MERCEDES-BENZ												
M 447.925,M 476.921,M 476.925, 6 CYL M 476.926,M 476.927,OM 427.900/-000, OM 427.901/-200,OM 427.902-500, OM 427.902/-400,OM 427.903/-600, OM 427.905,OM 427.910,OM 427.911, OM 427.950,OM 427.951,OM 427.952, OM 447.9 Euro 1,OM 447.900/-000, OM 447.901-204 Euro 1,OM 447.901/-200, OM 447.902,OM 447.902-400,OM 447.902-500, OM 447.902-520,OM 447.902-521, OM 447.903 Euro 2,OM 447.903-501 Euro 0, OM 447.903-600,OM 447.903-604 Euro 1, OM 447.903-701 Euro 0,OM 447.903-704 Euro 1, OM 447.903-705,OM 447.903-707 Euro 2, OM 447.905,OM 447.906,OM 447.907, OM 447.908,OM 447.910,OM 447.911, OM 447.912,OM 447.913 Euro 1, OM 447.914 Euro 1,OM 447.915,OM 447.916, OM 447.947 Euro 1,OM 447.948 Euro 2, OM 447.950 Euro 0,OM 447.951 Euro 0, OM 447.952 Euro 0,OM 447.953 Euro 0, OM 447.954 Euro 1,OM 447.955 Euro 1, OM 447.956 Euro 1,OM 447.957 Euro 1, OM 447.958 Euro 1,OM 447.959 Euro 1, OM 447.960 Euro 1,OM 447.970 Euro 2, OM 447.971 Euro 2,OM 447.972 Euro 2, OM 447.973 Euro 2,OM 447.974 Euro 2, OM 447.975 Euro 2,OM 447.976 Euro 2, OM 447.977 Euro 2,OM 447.978 Euro 2, OM 447.979 Euro 2,OM 447.980 Euro 1, OM 447.981 Euro 1,OM 447.982 Euro 1, OM 447.983 Euro 1,OM 447.984 Euro 1, OM 447.985 Euro 1,OM 447.986 Euro 1, OM 447.987 Euro 1,OM 447.988 Euro 2, OM 447.990 Euro 2,OM 447.991 Euro 2, OM 447.992 Euro 2,OM 447.993 Euro 2, OM 447.994 Euro 2,OM 447.995 Euro 1, OM 447.996 Euro 2,OM 447.998 Euro 2, OM 447.999 Euro 2,OM 457.914 Euro 2/3, OM 457.917 Euro 2/3,OM 457.933 Euro 2/3, OM 457.934 Euro 2/3,OM 457.935 Euro 2/3, OM 457.936 Euro 2/3,OM 457.937 Euro 2/3, OM 457.938 Euro 2/3,OM 457.939 Euro 2/3, OM 457.940 Euro 2/3,OM 457.941 Euro 2/3, OM 457.942 Euro 2/3,OM 457.943 Euro 2/3, OM 457.944 Euro 2/3,OM 457.945 Euro 2/3, OM 457.946 Euro 2/3,OM 457.949 Euro 2/3, OM 457.962 Euro 2/3,OM 466.900-005, OM 476.916,OM 476.916-405,OM 476.916-406, OM 476.917,OM 476.917-505,OM 476.917-506, OM 476.917-508,OM 476.950,OM 476.977 Euro 2, OM 476.980,OM 476.981,OM 476.982, OM 476.983,OM 476.985 Euro 1	12.0 L	11967			Diesel Eng.	128.00	3.00 3.00 4.00	213 FKST CC DI 349 RVT CR GI 553 2PCO CR GI	2D7096	1	STD

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MERCEDES-BENZ												
OM 422.900/-000,OM 422.901, OM 422.901-400,OM 422.901-410, OM 422.921,OM 422.922,OM 422.923, OM 440.971 Euro 1,OM 440.972 Euro 1, OM 440.973 Euro 1,OM 440.975 Euro 1, OM 440.976 Euro 1,OM 440.978 Euro 1, OM 440.979 Euro 1,OM 440.980 Euro 1, OM 440.981 Euro 1,OM 440.982 Euro 1, OM 440.983 Euro 1,OM 440.984 Euro 1, OM 440.985 Euro 1,OM 440.986 Euro 1, OM 440.987 Euro 1,OM 440.988 Euro 1, OM 440.989 Euro 1,OM 440.990 Euro 1, OM 440.991 Euro 1,OM 442.901-404 Euro 1, OM 442.901-502,OM 442.901-504 Euro 1, OM 442.901-505 Euro 1,OM 442.901-506 Euro 1, OM 442.901-507 Euro 2,OM 442.901-508 Euro 2, OM 442.901-520,OM 442.901/-400, OM 442.941 Euro 0,OM 442.942 Euro 0, OM 442.943 Euro 0,OM 442.944 Euro 0, OM 442.945 Euro 0,OM 442.946 Euro 0, OM 442.950 Euro 0,OM 442.951 Euro 0, OM 442.952 Euro 0,OM 442.953 Euro 0, OM 442.954 Euro 0,OM 442.955 Euro 0, OM 442.957 Euro 0,OM 442.958 Euro 0, OM 442.959 Euro 0,OM 442.960 Euro 0, OM 442.961 Euro 0,OM 442.962 Euro 0, OM 442.963 Euro 0,OM 442.964 Euro 0, OM 442.965 Euro 0,OM 442.966 Euro 0, OM 442.967 Euro 0,OM 442.968 Euro 0, OM 442.969-502 Euro 0,OM 442.969-503 Euro 0, OM 442.971 Euro 0,OM 442.972 Euro 0, OM 442.974 Euro 0,OM 442.975 Euro 0, OM 442.976 Euro 0,OM 442.977 Euro 1, OM 442.978 Euro 1,OM 442.980 Euro 0, OM 442.982 Euro 0,OM 442.983 Euro 0, OM 442.985 Euro 0,OM 442.989, OM 442.991 Euro 0,OM 442.992 Euro 0, OM 442.993 Euro 0,OM 442.994 Euro 0, OM 442.995 Euro 1,OM 442.996 Euro 1, OM 442.997 Euro 1,OM 442.998 Euro 1, OM 442.999 Euro 1,OM 442A Euro 1, OM 446.920 Euro 2,OM 446.922 Euro 2, OM 446.923 Euro 2,OM 446.924 Euro 2, OM 446.925 Euro 2,OM 446.926 Euro 2, OM 446.927 Euro 2,OM 446.928 Euro 2, OM 446.929 Euro 2,OM 446.930 Euro 2, OM 446.931 Euro 2,OM 446.932 Euro 2, OM 446.933 Euro 2,OM 446.934 Euro 2, OM 446.935 Euro 2,OM 446.936 Euro 2, OM 446.938 Euro 2,OM 446.939 Euro 2, OM 446.940 Euro 2,OM 446.941 Euro 2, OM 446.942 Euro 2,OM 446.943 Euro 2, OM 446.945 Euro 2,OM 446.946 Euro 2, OM 446.948 Euro 2,OM 462.900-410 Euro 0, OM 462.900-411 Euro 0,OM 462.900-414 Euro 0, OM 462.900-510 Euro 0,OM 462.900-511 Euro 0, OM 482.912,OM 482.930,OM 482.940, OM 482.941,OM 492.900-001,OM 492.900-002, OM 492.900-004,OM 492.900-005, OM 492.900-007,OM492.900-008, OM 492.900-009,OM 492.900-010, OM 492.900-013,OM 492.900-405, OM 492.900-406,OM 492.900-409, OM 492.900-411,OM 492.900-501	8 CYL	14.6 L	14618			Diesel Eng.	128.00	3.00 3.00 4.00	213 FKST CC DI 349 RVT CR GI 553 2PCO CR GI	2D7096	1	STD
OM 423.900/-000, OM 423.901 OM 423.901-400, OM 423.901-500 OM 423.901-510, OM 423.905 OM 423.906, OM 423.907 OM 423.908, OM 423.909 OM 423.950, OM 443.901-500 Euro 0 OM 443.901-504 Euro 1 OM 443.940 Euro 0, OM 443.980 Euro 0 OM 493.900-001 (AFS), OM 493.900-501 (AFS)	10 CYI	18.3 L	18273			OM 444.901-400 Euro 0 OM 444.901-410 Euro 0 OM 444.901-500 Euro 0 OM 444.901-504 Euro 0 OM 444.901-505 Euro 0 OM 444.901-506 Euro 0 OM 424.900/-000, OM 424.901 OM 424.901-400, OM 424.901-500 OM 424.901-510 Diesel Eng.	128.00	3.00 3.00 4.00	213 FKST CC DI 349 RVT CR GI 553 2PCO CR GI	2D7096	1	STD

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MERCEDES-BENZ												
OM 444.901-400 Euro 0 OM 444.901-410 Euro 0 OM 444.901-500 Euro 0 OM 444.901-504 Euro 0 OM 444.901-505 Euro 0 OM 444.901-506 Euro 0 OM 424.900/-000, OM 424.901 OM 424.901-400, OM 424.901-500 OM 424.901-510	12 CYI	21.9 L	21927			Diesel Eng.	128.00	3.00 3.00 4.00	213 FKST CC DI 349 RVT CR GI 553 2PCO CR GI	2D7096	1	STD
OM601.911, OM601.912	4 CYL	1.9 L	1978		1983-95	190 D 2.0	87.00	2.00 2.00 3.00	362 BF 3CR GI 126 RVT PC GI 054 FV CR 732 FV CR	2C5163 2C5163010	1	STD 0.25
OM602.911, OM602.912 OM602.930	5 CYL	2.5 L	2497		1985-93	190 D 2.5, G-Class 250 GD, Kombi Estate	87.00	2.00 2.00 3.00	362 BF 3CR GI 126 RVT PC GI 054 FV CR 732 FV CR	2C5163 2C5163010	1	STD 0.25
OM603.912, OM603.913	6 CYL	3.0 L	2996		1979-93	G-Class 300, Kombi Estate	87.00	2.00 2.00 3.00	362 BF 3CR GI 126 RVT PC GI 054 FV CR 732 FV CR	2C5163 2C5163010	1	STD 0.25
M111.957	4 CYL	2.0 L	1998		1992-02	E200, CLK200, C200	89.90	1.50 1.75 3.00	327 BF PM GI 126 RVT PC GI 054 FV CR 732 FV CR	2M5070 2M5070010 2M5070020	2	STD 0.25 0.50
M111.960	4 CYL	2.2 L	2199		1992-96	E220, C220, W202	89.90	1.50 1.75 3.00	327 BF PM GI 126 RVT PC GI 054 FV CR 732 FV CR	2M5070 2M5070010 2M5070020	2	STD 0.25 0.50
M104 E 28	6 CYL	2.8 L	2799		1998-06	C280,S280,E280	89.90	1.50 1.75 3.00	327 BF PM GI 126 RVT PC GI 054 FV CR 732 FV CR	2M5070 2M5070010 2M5070020	2	STD 0.25 0.50
M104 E 32, M112 E 32	6 CYL	3.2 L	3199		1991-05	300 SE, E320,S 320 C320, E320,G320,S320, ML320,CLK320 V6	89.90	1.50 1.75 3.00	327 BF PM GI 126 RVT PC GI 054 FV CR 732 FV CR	2M5070 2M5070010 2M5070020	2	STD 0.25 0.50
M113 E 43	8 CYL	4.3 L	4266		1997-07	C43 AMG,C240,E430,CLK430, ML430,S430 V8	89.90	1.50 1.75 3.00	327 BF PM GI 126 RVT PC GI 054 FV CR 732 FV CR	2M5070 2M5070010 2M5070020	2	STD 0.25 0.50
MERCRUISER												
	4 CYL	3.0 L	2966	181			101.60	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5570 5570020 5570030 5570040 5570060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5570 2C5570020 2C5570030 2C5570040 2C5570060	4	STD 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 860 FV CR 732 FV CR	2M5570 2M5570020 2M5570030 2M5570040 2M5570060 2M5570065	4	STD 0.50 0.75 1.00 1.50 1.63
	4 CYL	3.7 L	3671	224		470-488 series	110.74	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6138 6138020 6138030 6138040	4	STD 0.50 0.75 1.00
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6138 2C6138020 2C6138030 2C6138040	4	STD 0.50 0.75 1.00
									345 T PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M6138 2M6138020 2M6138030 2M6138040 2M6138060	4	STD 0.50 0.75 1.00 1.50
	8 CYL	8.2 L	8226	502	2010-On	Ser #OM9545 w/1.5mm top grv.	113.47	1.50 1.50 4.00	336 T PM DI 126 RVT PC GI 872 FV CR 732 FV CR	2M4699	8	STD

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MERCRUISER												
	8 CYL	8.2 L	8226	502	1988-09	H.O.	113.47	2.00	336 T PM DI	2M4727	8	STD
								1.50	126 RVT PC GI	2M4727005		0.13
								4.00	872 FV CR	2M4727030		0.75
									732 FV CR	2M4727060		1.50
MIDLAND-COMPRESSORS												
						13 cu. ft.	69.85	4.75	126 RVT PC GI	6128	1	STD
						EL1300, EL1600; 7000 Series		4.75	126 RVT PC GI	6128010		0.25
						3 ring piston		4.75	871 FV CR	6128020		0.50
									732 FV CR	6128030		0.75
										6128040		1.00
MINNEAPOLIS MOLINE-WHITEMOTORS												
Sleeved Eng.	4 CYL					165-4, 4A; 185-4, 206-4, 4A;	92.08	3.18	362 BF 3CR GI	2C7567	4	STD
						206A4, 4A; 206B, 206G,		3.18	126 RVT PC GI			
						206VEE, RE		3.18	126 RVT PC GI			
						Shallow Grvs.		4.75	860 FV CR			
									732 FV CR			
	4 CYL					Jet Star 3, Big MO 400 & 500	92.08	2.38	362 BF 3CR GI	2C7581	4	STD
						Diesel, Gas, LPG		2.38	126 RVT PC GI			
						206N4 4 Star, 4 Star Super,		2.38	126 RVT PC GI			
						Jet Star, 335, 445, G4,		4.75	860 FV CR			
						Combine Unitractor			732 FV CR			
						445, 206B4R, 206H4,						
						206GH Minn. Ind., G4						
Sleeved Eng.	4 CYL					165-4, 185-4, 206-4, 206B,	92.08	3.18	362 BF 3CR GI	2C7745	4	STD
						206G, EE, RE, V206V		3.18	126 RVT PC GI			
	4 CYL					206 N4 Eng. 4 Star,		3.18	126 RVT PC GI			
						4 Star Super, Jet Star, 335,		4.75	860 FV CR			
						445,G4, Combine Unitractor			732 FV CR			
						445, 206B4R, 206H4,						
						206GH Minn. Ind., G4 Comb.						
Sleeved Eng.	4 CYL					165-4, 4A; 185-4, 206-4,	95.25	3.18	362 BF 3CR GI	2C7669	4	STD
						4A; 206A4, 4A; 206B,		3.18	126 RVT PC GI			
						206G, 206VEE, RE		3.18	126 RVT PC GI			
						M & W Sleeve Kit #AP123		4.75	860 FV CR			
						White Machine #A1085			732 FV CR			
						INCREASE BORE SLEEVE						
						ASSEMB. FOR ABOVE						
	6 CYL					425-C6	107.95	2.38	363 BF CR GI	2C4877	6	STD
						Gas & LPG		2.38	126 RVT PC GI			
								2.38	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
	6 CYL					425C-6	107.95	2.38	032 BF PC GI	6308	6	STD
								2.38	126 RVT PC GI			
								2.38	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
									363 BF CR GI	2C6308	6	STD
									126 RVT PC GI			
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
	6 CYL					HD 800	135.13	2.38	102 T PC GI	7173	6	STD
						Gas & LPG		2.38	102 T PC GI	7173060		1.50
								2.38	401 SCRP PC GI			
								4.75	860 FV CR			
									732 FV CR			
MITSUBISHI												
4G11	4 CYL	1.2 L	1244		1978-85	Colt/Mirage	69.50	1.50	032 BF PC GI	4673	4	STD
						Lancer		1.50	126 RVT PC GI			
								4.00	055 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C4673	4	STD
									126 RVT PC GI	2C4673010		0.25
									055 FV CR	2C4673020		0.50
									732 FV CR	2C4673030		0.75
										2C4673040		1.00
4G42	4 CYL	1.2 L	1187		1983-86	Lancer	71.00	2.00	032 BF PC GI	4342	4	STD
								2.00	401 SCRP PC GI			
								4.00	056 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C4342	4	STD
									401 SCRP PC GI	2C4342020		0.50
									056 FV CR	2C4342040		1.00
									732 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MITSUBISHI												
4G13 SOHC	4 CYL	1.3 L	1298		1985-91	Colt / Mirage / Lancer	71.00	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	4618 4618010 4618020 4618030 4618040	4	STD 0.25 0.50 0.75 1.00
									362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C4618 2C4618010 2C4618020 2C4618030 2C4618040	4	STD 0.25 0.50 0.75 1.00
CR12DE	4 CYL	1.2 L	1240		2007-On	Lancer	71.50	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 990 FV CR 732 FV CR	2C4089 2C408950	4	STD 0.50
4G36-EC	4 CYL					Colt, Mirage	71.80	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	4694 4694020 4694040	4	STD 0.50 1.00
									362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C4694 2C4694020 2C4694040	4	STD 0.50 1.00
	4 CYL	1.0 L	997		1963-67	1100	72.00	2.00 2.00 4.00	102 T PC GI 401 SCRP PC GI 056 FV CR 732 FV CR	6752	4	STD
									362 BF 3CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C6752	4	STD
KE44	4 CYL	1.1 L	1088		1967-73	Colt 1100	73.00	2.00 2.00 4.00	032 BF PC GI 401 SCRP PC GI 058 FV CR 732 FV CR	6714 6714020 6714030 6714040 6714060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 401 SCRP PC GI 058 FV CR 732 FV CR	2C6714 2C6714020 2C6714030 2C6714040 2C6714060	4	STD 0.50 0.75 1.00 1.50
KE46	4 CYL	1.2 L	1189		1969-73	Colt 1200	73.00	2.00 2.00 4.00	032 BF PC GI 401 SCRP PC GI 058 FV CR 732 FV CR	6714 6714020 6714030 6714040 6714060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 401 SCRP PC GI 058 FV CR 732 FV CR	2C6714 2C6714020 2C6714030 2C6714040 2C6714060	4	STD 0.50 0.75 1.00 1.50
4G36	4 CYL	1.2 L	1238		1975-78	Celeste, Colt, Lancer	73.00	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	4347 4347020 4347030 4347040 4347060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C4347 2C4347010 2C4347020 2C4347030 2C4347040 2C4347060	4	STD 0.25 0.50 0.75 1.00 1.50
4G30	4 CYL	1.3 L	1289		1969-70	Galant 1300	73.00	2.00 2.00 4.00	032 BF PC GI 401 SCRP PC GI 058 FV CR 732 FV CR	6714 6714020 6714030 6714040 6714060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 401 SCRP PC GI 058 FV CR 732 FV CR	2C6714 2C6714020 2C6714030 2C6714040 2C6714060	4	STD 0.50 0.75 1.00 1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MITSUBISHI												
4G33	4 CYL	1.4 L	1439		1973-78	Celeste, Galant, Lancer	73.00	1.50	032 BF PC GI	4347	4	STD
								1.50	126 RVT PC GI	4347020		0.50
								4.00	058 FV CR	4347030		0.75
									732 FV CR	4347040		1.00
										4347060		1.50
									362 BF 3CR GI	2C4347	4	STD
									126 RVT PC GI	2C4347010		0.25
									058 FV CR	2C4347020		0.50
									732 FV CR	2C4347030		0.75
										2C4347040		1.00
										2C4347060		1.50
4G33	4 CYL	1.4 L	1439		1971-75	Galant 1400	73.00	2.00	032 BF PC GI	6714	4	STD
								2.00	401 SCRP PC GI	6714020		0.50
								4.00	058 FV CR	6714030		0.75
									732 FV CR	6714040		1.00
										6714060		1.50
									362 BF 3CR GI	2C6714	4	STD
									401 SCRP PC GI	2C6714020		0.50
									058 FV CR	2C6714030		0.75
									732 FV CR	2C6714040		1.00
										2C6714060		1.50
4G12	4 CYL	1.4 L	1410		1979-On	Colt, Lancer, Tredia	74.00	1.50	032 BF PC GI	4396	4	STD
								1.50	126 RVT PC GI	4396010		0.25
								4.00	058 FV CR	4396020		0.50
									732 FV CR	4396030		0.75
										4396040		1.00
										4396060		1.50
									362 BF 3CR GI	2C4396	4	STD
									126 RVT PC GI	2C4396010		0.25
									058 FV CR	2C4396020		0.50
									732 FV CR	2C4396030		0.75
										2C4396040		1.00
										2C4396060		1.50
									327 BF PM GI	2M4396	4	STD
									126 RVT PC GI	2M4396020		0.50
									058 FV CR	2M4396030		0.75
									732 FV CR	2M4396040		1.00
										2M4396060		1.50
4G15, G15B	4 CYL	1.5 L	1468		1991-96	Colt, Lancer, Mirage	75.50	1.20	398 BF CR S	2C4668	4	STD
								1.50	126 RVT PC GI	2C4668010		0.25
								3.00	054 FV CR	2C4668020		0.50
									732 FV CR	2C4668030		0.75
										2C4668040		1.00
										2C4668060		1.50
4G15, G15B	4 CYL	1.5 L	1468		1983-91	Colt, Lancer, Mirage	75.50	1.50	032 BF PC GI	5716	4	STD
								1.50	126 RVT PC GI	5716010		0.25
								4.00	058 FV CR	5716020		0.50
									732 FV CR	5716030		0.75
										5716040		1.00
										5716060		1.50
									363 BF CR GI	2C5716	4	STD
									126 RVT PC GI	2C5716010		0.25
									058 FV CR	2C5716020		0.50
									732 FV CR	2C5716030		0.75
										2C5716040		1.00
										2C5716060		1.50
									327 BF PM GI	2M5716	4	STD
									126 RVT PC GI	2M5716010		0.25
									058 FV CR	2M5716020		0.50
									732 FV CR	2M5716030		0.75
										2M5716040		1.00
4G15, 4G93	4 CYL	1.5 L	1468		1997-02	Colt, Lancer, Mirage	75.50	1.20	398 BF CR S	2C4884	4	STD
								1.50	126 RVT PC GI	2C4884020		0.50
								2.80		2C4884030		0.75
									732 FV CR	2C4884040		1.00
4G18 SOHC	4 CYL	1.6 L	1584		1999-07	Lancer, Pajero, Space Star	76.00	1.20	398 BF CR S	2C5182	4	STD
								1.20	126 RVT PC GI	2C5182020		0.50
								2.50	995 FV CR	2C5182040		1.00
									732 FV CR			
4G41	4 CYL	1.4 L	1378		1971-79	Galant Coupe FTO, Delica Truck T120	76.50	2.00	032 BF PC GI	4492	4	STD
								2.00	401 SCRP PC GI	4492020		0.50
								4.00	056 FV CR	4492030		0.75
									732 FV CR			
									362 BF 3CR GI	2C4492	4	STD
									401 SCRP PC GI	2C4492020		0.50
									056 FV CR	2C4492040		1.00
									732 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MITSUBISHI												
4G32, 4G32B	4 CYL	1.6 L	1597		1977-96	Colt, Lancer, L200, L300	76.90	2.00	032 BF PC GI	675	4	STD
								2.00	126 RVT PC GI	675010		0.25
								4.00	056 FV CR	675020		0.50
									732 FV CR	675030		0.75
										675040		1.00
										675060		1.50
									362 BF 3CR GI	2C675	4	STD
									126 RVT PC GI	2C675010		0.25
									056 FV CR	2C675020		0.50
									732 FV CR	2C675030		0.75
										2C675040		1.00
G32B	4 CYL	1.6 L	1597		1985-89	Mirage	76.90	1.50	032 BF PC GI	4353	4	STD
						Incl. Turbo		1.50	126 RVT PC GI	4353020		0.50
								4.00	058 FV CR	4353030		0.75
									732 FV CR	4353040		1.00
									362 BF 3CR GI	2C4353	4	STD
									126 RVT PC GI	2C4353010		0.25
									058 FV CR	2C4353020		0.50
									732 FV CR	2C4353030		0.75
										2C4353040		1.00
2G25	2 CYL	0.8 L	783		1984	Mitsubishi Towny	78.00	1.50	362 BF 3CR GI	2C4619	2	STD
SOHC						Mitsubishi Minicab 800		1.50	126 RVT PC GI	2C4619020		0.50
								2.50	533 FV CR	2C4619030		0.75
									732 FV CR	2C4619040		1.00
4G37, G62B	4 CYL	1.8 L	1755		1984-94	Cordia, Eclipse, Tredia	80.60	1.50	032 BF PC GI	4367	4	STD
						Incl. Turbo		1.50	401 SCRP PC GI	4367020		0.50
								4.00	058 FV CR	4367030		0.75
									732 FV CR	4367040		1.00
									363 BF CR GI	2C4367	4	STD
									401 SCRP PC GI	2C4367020		0.50
									058 FV CR	2C4367030		0.75
									732 FV CR	2C4367040		1.00
										2C4367060		1.50
G62B	4 CYL	1.8 L	1795		1983-83	Cordia	80.60	2.00	032 BF PC GI	6172	4	STD
								2.00	401 SCRP PC GI	6172020		0.50
								4.00	056 FV CR	6172030		0.75
									732 FV CR	6172040		1.00
										6172060		1.50
									363 BF CR GI	2C6172	4	STD
									401 SCRP PC GI	2C6172020		0.50
									056 FV CR	2C6172030		0.75
									732 FV CR	2C6172040		1.00
4G93	4 CYL	1.8 L	1834		1992-02	Mirage	81.00	1.20	398 BF CR S	2C4769	4	STD
								1.20	126 RVT PC GI	2C4769020		0.50
								2.80	997 FV CR	2C4769030		0.75
									732 FV CR	2C4769040		1.00
4G94	4 CYL	2.0 L	1997		2002-06	Lancer	81.50	1.20	398 BF CR S	2C5173	4	STD
SOHC								1.20	126 RVT PC GI	2C5173020		0.50
								2.50	995 FV CR	2C5173030		0.75
									732 FV CR	2C5173040		1.00
4G31, 4G61	4 CYL	1.6 L	1595		1989-93	Colt, Galant, Mirage	82.30	1.20	398 BF CR S	2C4669	4	STD
DOHC						incl. Turbo		1.50	126 RVT PC GI	2C4669020		0.50
								3.00	997 FV CR	2C4669030		0.75
									732 FV CR	2C4669040		1.00
4G52	4 CYL	2.0 L	1995		1973-87	Canter, Galant, Lancer,	84.00	2.00	032 BF PC GI	4247	4	STD
						Sigma		2.00	126 RVT PC GI	4247020		0.50
								4.00	058 FV CR	4247030		0.75
									732 FV CR	4247040		1.00
										4247060		1.50
									362 BF 3CR GI	2C4247	4	STD
									126 RVT PC GI	2C4247010		0.25
									058 FV CR	2C4247020		0.50
									732 FV CR	2C4247030		0.75
										2C4247040		1.00
										2C4247060		1.50
KE45	4 CYL	1.5 L	1498		1965-70	Colt	85.00	2.00	032 BF PC GI	6171	4	STD
								2.00	126 RVT PC GI	6171020		0.50
								4.00	058 FV CR	6171030		0.75
									732 FV CR	6171040		1.00
										6171060		1.50
									362 BF 3CR GI	2C6171	4	STD
									126 RVT PC GI	2C6171020		0.50
									058 FV CR	2C6171030		0.75
									732 FV CR	2C6171040		1.00
										2C6171060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MITSUBISHI												
4G63, GTX	4 CYL	2.0 L	1997		1988-92	Turbo Thru 4/92	85.00	1.20	398 BF CR S	2C4613	4	STD
DOHC								1.50	126 RVT PC GI	2C4613010		0.25
								3.00	054 FV CR	2C4613020		0.50
									732 FV CR	2C4613030		0.75
										2C4613040		1.00
4G63	4 CYL	2.0 L	1997		1992-97	16 Valve Begin 5/92,	85.00	1.20	398 BF CR S	2C4768	4	STD
DOHC						Shallow Oil Grv.		1.50	126 RVT PC GI	2C4768010		0.25
								3.00	997 FV CR	2C4768020		0.50
									732 FV CR	2C4768030		0.75
										2C4768040		1.00
										2C4768060		1.50
4G63	4 CYL	2.0 L	1997		1993-98	Eclipse, Galant, Talon	85.00	1.20	398 BF CR S	2C4933	4	STD
SOHC, DOHC								1.50	126 RVT PC GI	2C4933010		0.25
								2.80	997 FV CR	2C4933020		0.50
									732 FV CR	2C4933030		0.75
										2C4933040		1.00
										2C4933060		1.50
G63B	4 CYL	2.0 L	1997		1983-93	Galant	85.00	1.50	032 BF PC GI	6899	4	STD
								1.50	126 RVT PC GI	6899010		0.25
								4.00	056 FV CR	6899020		0.50
									732 FV CR	6899030		0.75
										6899040		1.00
										6899060		1.50
									362 BF 3CR GI	2C6899	4	STD
									126 RVT PC GI	2C6899010		0.25
									056 FV CR	2C6899020		0.50
									732 FV CR	2C6899030		0.75
										2C6899040		1.00
										2C6899060		1.50
									327 BF PM GI	2M6899	4	STD
									126 RVT PC GI	2M6899010		0.25
									056 FV CR	2M6899020		0.50
									732 FV CR	2M6899060		1.50
G63B	4 CYL	2.0 L	1997		1983-88	Colt, Pickup, Tredia	85.00	2.00	032 BF PC GI	6171	4	STD
								2.00	126 RVT PC GI	6171020		0.50
								4.00	058 FV CR	6171030		0.75
									732 FV CR	6171040		1.00
										6171060		1.50
									362 BF 3CR GI	2C6171	4	STD
									126 RVT PC GI	2C6171020		0.50
									058 FV CR	2C6171030		0.75
									732 FV CR	2C6171040		1.00
										2C6171060		1.50
4HK, 4HN, HTH	4 CYL	2.2 L	2179		2007-On	Outlander	85.00	2.50	273 FKST BF CC DI	2D7549	4	STD
						Diesel Eng		2.00	126 RVT PC GI	2D754925		0.25
						Incl. Turbo		2.00	248 CF CR	2D754950		0.50
									881 2PCO			
4G63, 4G63T	4 CYL	2.0 L	1998		2003-08	Lancer EVO	85.00	1.20	398 BF CR S	2C4558	4	STD
Vin:D,F						Incl. Turbo		1.20	126 RVT PC GI	2C4558020		0.50
DOHC								2.00	993 FV CR	2C4558040		1.00
									732 FV CR			
4B11, 4B11T	4 CYL	2.0 L	1998		2009-12	Lancer, Outlander Sport	86.00	1.20	398 BF CR S	2C4835	4	STD
DOHC								1.20	126 RVT PC GI	2C4835020		0.50
								2.00	993 FV CR	2C4835030		0.75
									005 FV CR	2C4835040		1.00
4G64	4 CYL	2.4 L	2350		1992-96	Pickup	86.50	1.20	398 BF CR S	2C4783	4	STD
								1.50	126 RVT PC GI	2C4783010		0.25
								3.00	997 FV CR	2C4783020		0.50
									732 FV CR	2C4783030		0.75
										2C4783040		1.00
										2C4783060		1.50
4G37, G62B	4 CYL	2.4 L	2351		1984-94	Cordia, Eclipse, Tredia	86.50	1.50	032 BF PC GI	4638	4	STD
								1.50	126 RVT PC GI	4638020		0.50
								4.00	058 FV CR	4638030		0.75
									732 FV CR	4638040		1.00
										4638060		1.50
									362 BF 3CR GI	2C4638	4	STD
									126 RVT PC GI	2C4638010		0.25
									058 FV CR	2C4638020		0.50
									732 FV CR	2C4638030		0.75
										2C4638040		1.00
4G64	4 CYL	2.4 L	2351		1993-05	Eclipse, Galant, Outlander	86.50	1.20	398 BF CR S	2C4780	4	STD
								1.50	126 RVT PC GI	2C4780020		0.50
								2.80	997 FV CR	2C4780030		0.75
									732 FV CR	2C4780040		1.00
										2C4780060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MITSUBISHI												
4G69	4 CYL	2.4 L	2378		2004-12	Eclipse, Lancer, Outlander	87.00	1.20	398 BF CR S	2C5148	4	STD
Vin:F								1.20	126 RVT PC GI	2C5148020		0.50
SOHC								2.00	990 FV CR	2C5148030		0.75
									732 FV CR			
420A	4 CYL	2.0 L	1997		1994-99	Eclipse	87.50	1.20	398 BF CR S	2C4759	4	STD
A588								1.20	126 RVT PC GI	2C4759010		0.25
								3.00	872 FV CR	2C4759020		0.50
									732 FV CR	2C4759030		0.75
										2C4759040		1.00
										2C4759060		1.50
6B31	6 CYL	3.0 L	2998		2007-12	Outlander	87.60	1.20	398 BF CR S	2C5146	6	STD
SOHC								1.00	123 RVT PC DI	2C5146030		0.75
								2.00	990 FV CR	2C5146040		1.00
									732 FV CR			
4B12	4 CYL	2.4 L	2359		2008-17	Lancer, Outlander	88.00	1.20	398 BF CR S	2C5297	4	STD
DOHC								1.20	126 RVT PC GI	2C5297020		0.50
								2.00	993 FV CR	2C5297030		0.75
									005 FV CR	2C5297040		1.00
4D55T	4 CYL	2.3 L	2346		1980-86	Galant, Pajero	91.10	2.50	370 HKST 3CR GI	2D5666	4	STD
						Turbo Diesel		2.00	370 HKST 3CR GI	2D566650		0.50
								4.00	204 CF CR DI	2D566675		0.75
									881 2PCO	2D5666100		1.00
4D55T	4 CYL	2.3 L	2346		1980-86	Galant, Pajero	91.10	2.50	243 HKST PM DI	2M7338	1	STD
								2.00	235 HKST CR DI	2M733850		1.25
						Turbo Diesel		4.00	204 CF CR DI	2M7338100		2.50
									881 2PCO			
4D55	4 CYL	2.3 L	2346		1980-86	L200, L300, Pajero	91.10	2.50	231 BF PM DI	2M7379	1	STD
						Diesel Eng		2.00	236 TF CR DI			
								4.00	204 CF CR DI			
									881 2PCO			
4D56T, 4D56TD	4 CYL	2.5 L	2476		1987-08	Pajero, L200, L300	91.10	2.50	370 HKST 3CR GI	2D5666	4	STD
						Turbo Diesel		2.00	370 HKST 3CR GI	2D566650		0.50
								4.00	204 CF CR DI	2D566675		0.75
									881 2PCO	2D5666100		1.00
4D56T, 4D56TD	4 CYL	2.5 L	2476		1987-08	Pajero, L200, L300	91.10	2.50	243 HKST PM DI	2M7338	1	STD
						Turbo Diesel		2.00	235 HKST CR DI	2M733850		1.25
								4.00	204 CF CR DI	2M7338100		2.50
									881 2PCO			
4D56	4 CYL	2.5 L	2476		1987-94	L200, L300	91.10	2.50	231 BF PM DI	2M7379	1	STD
						Diesel Eng		2.00	236 TF CR DI			
								4.00	204 CF CR DI			
									881 2PCO			
4D56	4 CYL	2.5 L	2477		1994-98	L200, L300	91.10	2.00	226 BF CR DI	2C7454	1	STD
						Diesel Eng		2.00	218 TF PC DI			
								4.00	204 CF CR DI			
									881 2PCO			
4G54, 4G54B	4 CYL	2.6 L	2555		1979-199	Excecutive 2600,	91.10	2.00	032 BF PC GI	5595	4	STD
						Galant 2600, Montero		2.00	126 RVT PC GI	5595010		0.25
						Pickup		4.00	870 FV CR	5595020		0.50
									732 FV CR	5595030		0.75
										5595040		1.00
										5595060		1.50
									362 BF 3CR GI	2C5595	4	STD
									126 RVT PC GI	2C5595010		0.25
									870 FV CR	2C5595020		0.50
									732 FV CR	2C5595030		0.75
										2C5595040		1.00
										2C5595060		1.50
									327 BF PM GI	2M5595	4	STD
									126 RVT PC GI	2M5595010		0.25
									870 FV CR	2M5595020		0.50
									732 FV CR	2M5595030		0.75
										2M5595040		1.00
										2M5595060		1.50
4G54	4 CYL	2.6 L	2555		1983-89	Montero, Magna,	91.10	1.50	032 BF PC GI	5667	4	STD
						Pick-up, Starion		1.50	126 RVT PC GI	5667010		0.25
						incl. Turbo		4.00	056 FV CR	5667020		0.50
									732 FV CR	5667030		0.75
										5667040		1.00
										5667060		1.50
									363 BF CR GI	2C5667	4	STD
									126 RVT PC GI	2C5667010		0.25
									056 FV CR	2C5667020		0.50
									732 FV CR	2C5667030		0.75
										2C5667040		1.00
										2C5667060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MITSUBISHI												
6G72	6 CYL	3.0 L	2972	181	1987-02	Montero, Pickup,	91.10	1.50	032 BF PC GI	4453	6	STD
Vin: F,H,P								1.50	126 RVT PC GI	4453010		0.25
								4.00	870 FV CR	4453020		0.50
									732 FV CR	4453030		0.75
										4453040		1.00
										4453060		1.50
									335 T PM DI	2M4453	6	STD
									126 RVT PC GI	2M4453010		0.25
									870 FV CR	2M4453020		0.50
									732 FV CR	2M4453030		0.75
										2M4453040		1.00
										2M4453060		1.50
6G72-T, 6G72	6 CYL	3.0 L	2972	181	1990-04	Diamante	91.10	1.20	398 BF CR S	2C4670	6	STD
Vin:F								1.50	126 RVT PC GI	2C4670020		0.50
								3.00	997 FV CR	2C4670030		0.75
									732 FV CR	2C4670040		1.00
										2C4670060		1.50
6G74	6 CYL	3.5 L	3497		1994-04	Montero	93.00	1.50	032 BF PC GI	4883	6	STD
Vin: P,4								1.50	126 RVT PC GI	4883020		0.50
SOHC DOHC								3.00	997 FV CR	4883030		0.75
									732 FV CR	4883040		1.00
									327 BF PM GI	2M4883	6	STD
									126 RVT PC GI	2M4883010		0.25
									997 FV CR	2M4883020		0.50
									732 FV CR	2M4883030		0.75
										2M4883040		1.00
4M40	4 CYL	2.8 L	2835			FB501, FD511, Pajero	95.00	2.36	372 FKST CR DI	2C5056	4	STD
						Diesel Eng		2.00	126 RVT PC GI	2C5056020		0.50
						incl. Turbo		4.00	553 CF CR GI	2C5056040		1.00
									881 2PCO			
6G75	6 CYL	3.8 L	3828		2003-05	Endeavor, Galant, Montero	95.00	1.20	398 BF CR S	2C5169	6	STD
SOHC								1.20	126 RVT PC GI	2C5169020		0.50
								2.00	991 FV CR	2C5169030		0.75
									005 FV CR	2C5169040		1.00
4M40T	4 CYL	2.8 L	2835		1992-08	Delica, Galant, L200, L300	95.00	2.30	372 FKST CR DI	2D5807	4	STD
						Montero, Pajero		2.00	126 RVT PC GI			
								3.00	553 CF CR GI			
									881 2PCO			
4M41	4 CYL	3.2 L	3200		1998-16	Montero, Pajero	98.50	2.30	208 FKST CC DI	2D7802	4	STD
						Diesel Eng		1.50	257 TF CR DI	2D780250		0.50
								3.00	203 CF GN SS			
									881 2PCO			
NISSAN												
MA10, MA10ET	4 CYL	1.0 L	987		1982-On	Micra	68.00	1.50	032 BF PC GI	4696	4	STD
								1.50	126 RVT PC GI	4696008		0.20
								2.80	859 FV CR	4696020		0.50
									732 FV CR			
									363 BF CR GI	2C4696	4	STD
									126 RVT PC GI	2C4696008		0.20
									859 FV CR	2C4696010		0.25
									732 FV CR	2C4696020		0.50
										2C4696030		0.75
MA12S	4 CYL	1.2 L	1200		1986-92	Micra	71.00	1.50	032 BF PC GI	4362	4	STD
								1.50	126 RVT PC GI	4362020		0.50
								2.80	859 FV CR	4362040		1.00
									732 FV CR			
									362 BF 3CR GI	2C4362	4	STD
									126 RVT PC GI	2C4362008		0.20
									859 FV CR	2C4362020		0.50
									732 FV CR	2C4362030		0.75
										2C4362040		1.00
GA13DE, GA13DS	4 CYL	1.3 L	1295		1991-07	Lucino, Tsuru	71.00	1.50	032 BF PC GI	4362	4	STD
								1.50	126 RVT PC GI	4362020		0.50
								2.80	859 FV CR	4362040		1.00
									732 FV CR			
									362 BF 3CR GI	2C4362	4	STD
									126 RVT PC GI	2C4362008		0.20
									859 FV CR	2C4362020		0.50
									732 FV CR	2C4362030		0.75
										2C4362040		1.00
CR12DE	4 CYL	1.2 L	1240		2003-10	Micra III, WingRoad, AD Van	71.50	1.20	398 BF CR S	2C4089	4	STD
								1.20	126 RVT PC GI	2C408950		0.50
								2.00	990 FV CR			
									732 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
NISSAN												
H4B 408	3 CYL	0.9 L	898		2016-On	Micra	72.20	1.20 1.50 2.00	326 TBF GN SS 410 TFN CR DI 993 FV GN SS 714 GN SS	2N5307	1	STD
A10	4 CYL	1.0 L	988		1971-76	E10	73.00	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	4347 4347020 4347030 4347040 4347060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C4347 2C4347010 2C4347020 2C4347030 2C4347040 2C4347060	4	STD 0.25 0.50 0.75 1.00 1.50
A10	4 CYL	1.0 L	988		1967-82	Cherry	73.00	2.00 2.00 4.00	032 BF PC GI 401 SCRP PC GI 058 FV CR 732 FV CR	6714 6714020 6714030 6714040 6714060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 401 SCRP PC GI 058 FV CR 732 FV CR	2C6714 2C6714020 2C6714030 2C6714040 2C6714060	4	STD 0.50 0.75 1.00 1.50
D11	4 CYL	1.1 L	1138		1966-78	Forklift	73.00	2.00 2.00 4.00	032 BF PC GI 401 SCRP PC GI 058 FV CR 732 FV CR	6714 6714020 6714030 6714040 6714060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 401 SCRP PC GI 058 FV CR 732 FV CR	2C6714 2C6714020 2C6714030 2C6714040 2C6714060	4	STD 0.50 0.75 1.00 1.50
A12, E1, D12	4 CYL	1.2 L	1171		1961-74	Model B110, 1200/110, 312/320/410, Cabstar	73.00	2.00 2.00 4.00	032 BF PC GI 401 SCRP PC GI 058 FV CR 732 FV CR	6714 6714020 6714030 6714040 6714060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 401 SCRP PC GI 058 FV CR 732 FV CR	2C6714 2C6714020 2C6714030 2C6714040 2C6714060	4	STD 0.50 0.75 1.00 1.50
A13, J, J13	4 CYL	1.3 L	1299		1965-75	Model B210, Bluebird, 411/ 520/ 521	73.00	2.00 2.00 4.00	032 BF PC GI 401 SCRP PC GI 058 FV CR 732 FV CR	6714 6714020 6714030 6714040 6714060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 401 SCRP PC GI 058 FV CR 732 FV CR	2C6714 2C6714020 2C6714030 2C6714040 2C6714060	4	STD 0.50 0.75 1.00 1.50
J20	6 CYL	2.0 L	1973		1966-69	Cedric 2000	73.00	2.00 2.00 4.00	032 BF PC GI 401 SCRP PC GI 058 FV CR 732 FV CR	4410 4410020 4410030 4410040	6	STD 0.50 0.75 1.00
									362 BF 3CR GI 401 SCRP PC GI 058 FV CR 732 FV CR	2C4410 2C4410020	6	STD 0.50
CR14DE	4 CYL	1.4 L	1386		2003-12	Cube, Micra III, Note	73.00	1.20 1.20 2.00	322 BF GN SS 126 RVT PC GI 990 FV CR 732 FV CR	2N4096	4	STD
GA14, GA14S	4 CYL	1.4 L	1400		1988-07	Sunny Sentra, Tsuru	73.60	1.50 1.50 2.80	362 BF 3CR GI 401 SCRP PC GI 996 FV CR 732 FV CR	2C4158 2C4158020	4	STD 0.50
GA15, GA15A	4 CYL	1.5 L	1500		1995-00	Almera, Lucino, Presea	73.60	1.50 1.50 2.80	362 BF 3CR GI 401 SCRP PC GI 996 FV CR 732 FV CR	2C4158 2C4158020	4	STD 0.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
NISSAN												
A12A	4 CYL	1.2 L	1237		1979-82	210	75.00	2.00	032 BF PC GI	6813	4	STD
								2.00	401 SCRP PC GI	6813020		0.50
								4.00	056 FV CR	6813030		0.75
									732 FV CR	6813040		1.00
										6813060		1.50
									362 BF 3CR GI	2C6813	4	STD
									401 SCRP PC GI	2C6813010		0.25
									056 FV CR	2C6813020		0.50
									732 FV CR	2C6813030		0.75
										2C6813040		1.00
										2C6813060		1.50
										2C6813063		1.60
A12A	4 CYL	1.2 L	1237		1979-On	Shallow Oil Ring Grv.	75.00	2.00	032 BF PC GI	6818	4	STD
								2.00	401 SCRP PC GI	6818020		0.50
								4.00	856 FV CR	6818030		0.75
									732 FV CR	6818040		1.00
										6818060		1.50
									362 BF 3CR GI	2C6818	4	STD
									401 SCRP PC GI	2C6818010		0.25
									856 FV CR	2C6818020		0.50
									732 FV CR	2C6818030		0.75
										2C6818040		1.00
										2C6818060		1.50
E13	4 CYL	1.3 L	1270		1981	1.3 Pulsar/N12	76.00	1.50	032 BF PC GI	6151	4	STD
								1.50	126 RVT PC GI	6151010		0.25
								4.00	058 FV CR	6151020		0.50
									732 FV CR	6151030		0.75
										6151040		1.00
										6151060		1.50
									362 BF 3CR GI	2C6151	4	STD
									126 RVT PC GI	2C6151010		0.25
									058 FV CR	2C6151020		0.50
									732 FV CR	2C6151030		0.75
										2C6151040		1.00
										2C6151060		1.50
									327 BF PM GI	2M6151	4	STD
									126 RVT PC GI			
									058 FV CR			
									732 FV CR			
A14	4 CYL	1.4 L	1397	85	1975-82	210, 310	76.00	2.00	102 T PC GI	4266	4	STD
								2.00	401 SCRP PC GI	4266010		0.25
								4.00	058 FV CR	4266020		0.50
									732 FV CR	4266030		0.75
										4266040		1.00
										4266060		1.50
									362 BF 3CR GI	2C4266	4	STD
									401 SCRP PC GI	2C4266010		0.25
									058 FV CR	2C4266020		0.50
									732 FV CR	2C4266030		0.75
										2C4266040		1.00
										2C4266060		1.50
A14	4 CYL	1.4 L	1397		1977-78	B210	76.00	1.20	398 BF CR S	2C6146	4	STD
								2.00	401 SCRP PC GI	2C6146010		0.25
								4.00	056 FV CR	2C6146020		0.50
									732 FV CR	2C6146030		0.75
										2C6146040		1.00
										2C6146060		1.50
E15, E15S, E15T	4 CYL	1.5 L	1487		1982-84	310/N10, Prairie, Pulsar/N12(Turbo), Sunny, Tsuru	76.00	1.50	032 BF PC GI	6151	4	STD
								1.50	126 RVT PC GI	6151010		0.25
								4.00	058 FV CR	6151020		0.50
									732 FV CR	6151030		0.75
										6151040		1.00
										6151060		1.50
									362 BF 3CR GI	2C6151	4	STD
									126 RVT PC GI	2C6151010		0.25
									058 FV CR	2C6151020		0.50
									732 FV CR	2C6151030		0.75
										2C6151040		1.00
										2C6151060		1.50
									327 BF PM GI	2M6151	4	STD
									126 RVT PC GI			
									058 FV CR			
									732 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
NISSAN												
A15	4 CYL	1.5 L	1488		1979-82	210, 310	76.00	1.20	398 BF CR S	2C6146	4	STD
								2.00	401 SCRP PC GI	2C6146010		0.25
								4.00	056 FV CR	2C6146020		0.50
									732 FV CR	2C6146030		0.75
										2C6146040		1.00
										2C6146060		1.50
QG16DE	4 CYL	1.6 L	1597		1996-06	Almera, Avenir, Bluebird Primera	76.00	1.20	398 BF CR S	2C4087	4	STD
								1.20	126 RVT PC GI			
								2.50	995 FV CR			
									732 FV CR			
E16	4 CYL	1.6 L	1597		1983-88	Pulsar/N12, Sentra/B11/B12	76.00	1.50	032 BF PC GI	6151	4	STD
								1.50	126 RVT PC GI	6151010		0.25
								4.00	058 FV CR	6151020		0.50
									732 FV CR	6151030		0.75
										6151040		1.00
										6151060		1.50
									362 BF 3CR GI	2C6151	4	STD
									126 RVT PC GI	2C6151010		0.25
									058 FV CR	2C6151020		0.50
									732 FV CR	2C6151030		0.75
										2C6151040		1.00
										2C6151060		1.50
									327 BF PM GI	2M6151	4	STD
									126 RVT PC GI			
									058 FV CR			
									732 FV CR			
GA16DE GA16DE/I GA16I	4 CYL	1.6 L	1598		1989-94	NX 1600, Pulsar NX, Sentra	76.00	1.50	032 BF PC GI	4659	4	STD
								1.50	435 SCRP PC GI	4659010		0.25
								2.80	861 FV CR	4659020		0.50
									732 FV CR	4659030		0.75
										4659040		1.00
									362 BF 3CR GI	2C4659	4	STD
									435 SCRP PC GI	2C4659010		0.25
									861 FV CR	2C4659020		0.50
									732 FV CR	2C4659030		0.75
										2C4659040		1.00
GA16DS	4 CYL	1.6 L	1598		1990-93	100NX, Primera, Sunny	76.00	1.50	032 BF PC GI	4935	4	STD
								1.50	126 RVT PC GI	4935020		0.50
								3.00	872 FV CR	4935040		1.00
									732 FV CR			
									362 BF 3CR GI	2C4935	4	STD
									126 RVT PC GI	2C4935020		0.50
									872 FV CR	2C4935040		1.00
									732 FV CR			
GA16, GA16i, GA16DE	4 CYL	1.6 L	1598		1995-99	Sentra, 200SX 2 Ring Piston	76.00	1.50	362 BF 3CR GI	2C4958	4	STD
								2.80	996 FV CR	2C4958010		0.25
									732 FV CR	2C4958020		0.50
										2C4958030		0.75
										2C4958040		1.00
K9K SOHC	4 CYL	1.5 L	1461		2003-14	Almera, Micra, Note Versa Turbo Diesel	76.00	2.00	212 TBF CC DI	2D7296	1	STD
								2.00	214 RVT PC DI	2D729650		1.25
								2.50	248 CF CR			
									881 2PCO			
HR10	3 CYL	1.0 L	999			March, Versa - Flex 12v	78.00	1.20	398 BF CR S	2C4091	3	STD
								1.20	126 RVT PC GI	2C409150		0.50
								2.00	990 FV CR			
									732 FV CR			
HR12DE	3 CYL	1.2 L	1198		2010-On	Micra	78.00	1.20	398 BF CR S	2C5393	3	STD
								1.20	126 RVT PC GI			
								2.00	990 FV CR			
									732 FV CR			
J15	4 CYL	1.5 L	1483		1970-On	Cabstar/Cedric/Homer	78.00	2.00	032 BF PC GI	6871	4	STD
								2.00	401 SCRP PC GI	6871040		1.00
								4.00	056 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C6871	4	STD
									401 SCRP PC GI	2C6871020		0.50
									056 FV CR	2C6871030		0.75
									732 FV CR	2C6871040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
NISSAN												
CA16DE DOHC	4 CYL	1.6 L	1598		1987-89	Pulsar, Sunny	78.00	1.50 1.50 2.80	032 BF PC GI 102 T PC GI 861 FV CR 732 FV CR	4662 4662010 4662020 4662030 4662040	4	STD 0.25 0.50 0.75 1.00
									363 BF CR GI 102 T PC GI 861 FV CR 732 FV CR	2C4662 2C4662010 2C4662020 2C4662030 2C4662040	4	STD 0.25 0.50 0.75 1.00
J16	4 CYL	1.6 L	1567		1980-84	Pick Up	78.00	2.00 2.00 4.00	032 BF PC GI 401 SCRP PC GI 056 FV CR 732 FV CR	6871 6871040	4	STD 1.00
									362 BF 3CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C6871 2C6871020 2C6871030 2C6871040	4	STD 0.50 0.75 1.00
CA16S OHC	4 CYL	1.6 L	1598		1983-90	Bluebird, Stanza	78.00	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	4265 4265010 4265020 4265030 4265040 4265060	4	STD 0.25 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C4265 2C4265010 2C4265020 2C4265030 2C4265040 2C4265060	4	STD 0.25 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 058 FV CR 732 FV CR	2M4265 2M4265010 2M4265020 2M4265030 2M4265040 2M4265060	4	STD 0.25 0.50 0.75 1.00 1.50
HR16DE DOHC	4 CYL	1.6 L	1598		2009-15	March, Versa 16V	78.00	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 990 FV CR 732 FV CR	2C4439 2C4439010 2C4439020 2C4439030	4	STD 0.25 0.50 0.75
L20A	6 CYL	2.0 L	1988		1969-70	Cedric, Skyline 2000 GT	78.00	2.00 2.00 4.00	362 BF 3CR GI 401 SCRP PC GI 052 FV CR 732 FV CR	2C4682 2C4682020 2C4682040	6	STD 0.50 1.00
VG20E, VG20ET, RB20DET	6 CYL	2.0 L	1998		1986-93	Skyline	78.00	1.50 1.50 2.80	032 BF PC GI 102 T PC GI 861 FV CR 732 FV CR	6240 6240010 6240020 6240030 6240040	6	STD 0.25 0.50 0.75 1.00
									363 BF CR GI 102 T PC GI 861 FV CR 732 FV CR	2C6240 2C6240010 2C6240020 2C6240030 2C6240040	6	STD 0.25 0.50 0.75 1.00
K4M Renault Eng Made in Mexico	4 CYL	1.6 L	1595		2002-On	Platina	79.50	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5135 2C5135010 2C5135020 2C5135030	4	STD 0.25 0.50 0.75
G15	4 CYL	1.5 L	1488		1962-65	SPL 310	80.00	2.00 2.00 4.00	032 BF PC GI 401 SCRP PC GI 056 FV CR 732 FV CR	6761 6761020 6761030 6761040 6761060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C6761 2C6761020 2C6761030 2C6761040	4	STD 0.50 0.75 1.00
QG18DE DOHC	4 CYL	1.8 L	1769		2000-04	Sentra XE/GXE	80.00	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5143 2C5143020 2C5143030 2C5143040	4	STD 0.50 0.75 1.00
F9Q 760	4 CYL	1.9 L	1870		2001-On	Primastar Diesel Eng	80.00	2.50 2.00 3.00	220 TBF PM DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2M7332	1	STD

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
NISSAN												
J18	4 CYL	1.8 L	1800		1981-On	Mexican Built	80.50	1.50	102 T PC GI	4476	4	STD
								2.00	126 RVT PC GI	4476010		0.25
								4.00	058 FV CR	4476020		0.50
									732 FV CR	4476030		0.75
										4476040		1.00
										4476060		1.50
									362 BF 3CR GI	2C4476	4	STD
									126 RVT PC GI	2C4476010		0.25
									058 FV CR	2C4476020		0.50
									732 FV CR	2C4476030		0.75
										2C4476040		1.00
										2C4476060		1.50
NA16S	4 CYL	1.6 L	1627		1989–95	Atlas F22 - F23,	81.50	1.50	032 BF PC GI	5201	4	STD
SOHC						Datsun Truck D21		1.50	126 RVT PC GI	5201010		0.25
								4.00	058 FV CR	5201020		0.50
									732 FV CR	5201040		1.00
L13	4 CYL	1.3 L	1296		1973-74	Bluebird 1300	83.00	2.00	032 BF PC GI	6831	4	STD
								2.00	401 SCRP PC GI	6831010		0.25
								4.00	056 FV CR	6831020		0.50
									732 FV CR	6831030		0.75
										6831040		1.00
									362 BF 3CR GI	2C6831	4	STD
									401 SCRP PC GI	2C6831010		0.25
									056 FV CR	2C6831020		0.50
									732 FV CR	2C6831030		0.75
										2C6831040		1.00
L14	4 CYL	1.4 L	1428		1968-73	Bluebird 1400	83.00	2.00	032 BF PC GI	6831	4	STD
								2.00	401 SCRP PC GI	6831010		0.25
								4.00	056 FV CR	6831020		0.50
									732 FV CR	6831030		0.75
										6831040		1.00
									362 BF 3CR GI	2C6831	4	STD
									401 SCRP PC GI	2C6831010		0.25
									056 FV CR	2C6831020		0.50
									732 FV CR	2C6831030		0.75
										2C6831040		1.00
L16	4 CYL	1.6 L	1595		1968-73	Bluebird 1600	83.00	2.00	032 BF PC GI	6831	4	STD
						510, 520/521, 620		2.00	401 SCRP PC GI	6831010		0.25
								4.00	056 FV CR	6831020		0.50
									732 FV CR	6831030		0.75
										6831040		1.00
									362 BF 3CR GI	2C6831	4	STD
									401 SCRP PC GI	2C6831010		0.25
									056 FV CR	2C6831020		0.50
									732 FV CR	2C6831030		0.75
										2C6831040		1.00
CA18DE, CA18ET	4 CYL	1.8 L	1809		1984-94	Bluebird, Pulsar, Skyline	83.00	1.50	032 BF PC GI	4221	4	STD
						Silvia/180SX P/S13,		1.50	126 RVT PC GI	4221020		0.50
						200SX Turbo		2.80	861 FV CR	4221040		1.00
									732 FV CR			
									376 BF CR DI	2C4221	4	STD
									126 RVT PC GI	2C4221010		0.25
									861 FV CR	2C4221020		0.50
									732 FV CR	2C4221030		0.75
										2C4221040		1.00
CA18E, CA18S	4 CYL	1.8 L	1809		1978-83	Auster, Bluebird,	83.00	1.50	102 T PC GI	4951	4	STD
						Laurel, Prairie,		1.50	126 RVT PC GI	4951020		0.50
						1800 Series		4.00	058 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C4951	4	STD
									126 RVT PC GI	2C4951020		0.50
									058 FV CR	2C4951040		1.00
									732 FV CR			
L24E	6 CYL	2.4 L	2393		1981	810	83.00	1.50	032 BF PC GI	6148	6	STD
								2.00	401 SCRP PC GI	6148020		0.50
								4.00	860 FV CR	6148030		0.75
									732 FV CR	6148040		1.00
									362 BF 3CR GI	2C6148	6	STD
									401 SCRP PC GI	2C6148020		0.50
									860 FV CR	2C6148030		0.75
									732 FV CR	2C6148040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
NISSAN												
L24E	6 CYL	2.4 L	2393		1982-85	Maxima	83.00	1.50	032 BF PC GI	6162	6	STD
								1.50	126 RVT PC GI	6162020		0.50
								4.00	058 FV CR	6162030		0.75
									732 FV CR	6162040		1.00
									362 BF 3CR GI	2C6162	6	STD
									126 RVT PC GI	2C6162020		0.50
									058 FV CR	2C6162030		0.75
									732 FV CR	2C6162040		1.00
										2C6162060		1.50
									327 BF PM GI	2M6162	6	STD
									126 RVT PC GI	2M6162020		0.50
									058 FV CR	2M6162030		0.75
									732 FV CR	2M6162040		1.00
L24	6 CYL	2.4 L	2393		1970-80	240Z/S30 , 810	83.00	2.00	032 BF PC GI	6856	6	STD
								2.00	401 SCRP PC GI	6856010		0.25
								4.00	058 FV CR	6856020		0.50
									732 FV CR	6856030		0.75
										6856040		1.00
									362 BF 3CR GI	2C6856	6	STD
									401 SCRP PC GI	2C6856010		0.25
									058 FV CR	2C6856020		0.50
									732 FV CR	2C6856030		0.75
										2C6856040		1.00
L26	6 CYL	2.6 L	2565		1978-80	260Z/S30	83.00	2.00	032 BF PC GI	6856	6	STD
								2.00	401 SCRP PC GI	6856010		0.25
								4.00	058 FV CR	6856020		0.50
									732 FV CR	6856030		0.75
										6856040		1.00
									362 BF 3CR GI	2C6856	6	STD
									401 SCRP PC GI	2C6856010		0.25
									058 FV CR	2C6856020		0.50
									732 FV CR	2C6856030		0.75
										2C6856040		1.00
MR18DE DOHC	4 CYL	1.8 L	1797		2007-14	Tiida, Verso	84.00	1.20	398 BF CR S	2C5223	4	STD
								1.20	126 RVT PC GI	2C5223020		0.50
								2.00	993 FV CR	2C5223030		0.75
									005 FV CR	2C5223040		1.00
MR20DE DOHC	4 CYL	2.0 L	1999		2007-17	16V Sentra	84.00	1.20	398 BF CR S	2C5223	4	STD
								1.20	126 RVT PC GI	2C5223020		0.50
								2.00	993 FV CR	2C5223030		0.75
									005 FV CR	2C5223040		1.00
M9R, M9R 760, M9R 780	4 CYL	2.0 L	1995		2006-13	Primastar, X-Trail Turbo Diesel	84.00	2.50	211 HKST CC DI	2D7343	1	STD
								2.00	210 SCRP TF PC DI	2D734350		0.50
								2.00	248 CF CR			
									881 2PCO			
CD20	4 CYL	2.0 L	1974		1990-99	Almera, Primera, Sunny Diesel Eng	84.50	2.00	376 BF CR DI	2D4954	4	STD
								2.00	126 RVT PC GI	2D495450		0.50
								3.00	553 CF CR GI	2D4954100		1.00
									881 2PCO			
CA20E	4 CYL	2.0 L	1974		1989	Stanza	84.50	1.50	032 BF PC GI	4681	4	STD
								1.50	126 RVT PC GI	4681020		0.50
								2.80	861 FV CR	4681030		0.75
									732 FV CR	4681040		1.00
									363 BF CR GI	2C4681	4	STD
									126 RVT PC GI	2C4681020		0.50
									861 FV CR	2C4681030		0.75
									732 FV CR	2C4681040		1.00
CA20E, CA20S	4 CYL	2.0 L	1974		1982-88	Stanza, 200SX/S12	84.50	1.50	032 BF PC GI	6156	4	STD
								1.50	126 RVT PC GI	6156020		0.50
								4.00	056 FV CR	6156030		0.75
									732 FV CR	6156040		1.00
										6156060		1.50
									363 BF CR GI	2C6156	4	STD
									126 RVT PC GI	2C6156020		0.50
									056 FV CR	2C6156030		0.75
									732 FV CR	2C6156040		1.00
L18	4 CYL	1.8 L	1770		1973-74	610 Sedan 1800	85.00	2.00	032 BF PC GI	6872	4	STD
								2.00	401 SCRP PC GI	6872020		0.50
								4.00	056 FV CR	6872030		0.75
									732 FV CR	6872040		1.00
										6872060		1.50
									362 BF 3CR GI	2C6872	4	STD
									401 SCRP PC GI	2C6872020		0.50
									056 FV CR	2C6872030		0.75
									732 FV CR	2C6872040		1.00
										2C6872060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
NISSAN												
Z20	4 CYL	2.0 L	1952		1985-On	200SX, NAP-Z	85.00	2.00	362 BF 3CR GI	2C4661	4	STD
								1.50	126 RVT PC GI	2C4661010		0.25
								4.00	058 FV CR	2C4661020		0.50
									732 FV CR	2C4661030		0.75
										2C4661040		1.00
L20B	4 CYL	2.0 L	1952		1974-80	200SX, 510, 610, 620 Pickup, 710, 2000 Series	85.00	2.00	032 BF PC GI	6872	4	STD
								2.00	401 SCRP PC GI	6872020		0.50
								4.00	056 FV CR	6872030		0.75
									732 FV CR	6872040		1.00
										6872060		1.50
									362 BF 3CR GI	2C6872	4	STD
									401 SCRP PC GI	2C6872020		0.50
									056 FV CR	2C6872030		0.75
									732 FV CR	2C6872040		1.00
										2C6872060		1.50
Z20E, Z20S	4 CYL	2.0 L	1952		1980-84	200SX, NAP-Z	85.00	1.50	032 BF PC GI	6899	4	STD
								1.50	126 RVT PC GI	6899010		0.25
								4.00	056 FV CR	6899020		0.50
									732 FV CR	6899030		0.75
										6899040		1.00
										6899060		1.50
									362 BF 3CR GI	2C6899	4	STD
									126 RVT PC GI	2C6899010		0.25
									056 FV CR	2C6899020		0.50
									732 FV CR	2C6899030		0.75
										2C6899040		1.00
										2C6899060		1.50
									327 BF PM GI	2M6899	4	STD
									126 RVT PC GI	2M6899010		0.25
									056 FV CR	2M6899020		0.50
									732 FV CR	2M6899060		1.50
RD28, RD28T	6 CYL	2.8 L	2825			Diesel Eng	85.00	2.00	376 BF CR DI	2D5058	6	STD
								2.00	126 RVT PC GI			
								4.00	553 CF CR GI			
									881 2PCO			
P, P40	6 CYL	4.0 L	3956		1963-82	Patrol, Forklift	85.70	2.50	032 BF PC GI	5738	6	STD
								2.50	401 SCRP PC GI	5738010		0.25
								4.75	871 FV CR	5738020		0.50
									732 FV CR	5738030		0.75
										5738040		1.00
										5738060		1.50
									362 BF 3CR GI	2C5738	6	STD
									401 SCRP PC GI	2C5738010		0.25
									871 FV CR	2C5738020		0.50
									732 FV CR	2C5738030		0.75
										2C5738040		1.00
										2C5738060		1.50
1Y, 2Y, 3Y	4 CYL	2.0 L	1996		1997-On	LWB, SWB Hardbody	86.00	1.50	032 BF PC GI	4219	4	STD
								1.50	435 SCRP PC GI	4219020		0.50
								4.00	058 FV CR	4219030		0.75
									732 FV CR	4219040		1.00
										4219060		1.50
									362 BF 3CR GI	2C4219	4	STD
									435 SCRP PC GI	2C4219010		0.25
									058 FV CR	2C4219020		0.50
									732 FV CR	2C4219030		0.75
										2C4219040		1.00
										2C4219060		1.50
									327 BF PM GI	2M4219	4	STD
									435 SCRP PC GI	2M4219020		0.50
									058 FV CR	2M4219030		0.75
									732 FV CR	2M4219040		1.00
SR20DE Vin:G	4 CYL	2.0 L	1998		1991-00	Serena,Primera	86.00	1.50	032 BF PC GI	4601	4	STD
								1.50	126 RVT PC GI	4601020		0.50
								3.00	872 FV CR	4601030		0.75
									732 FV CR	4601040		1.00
										4601060		1.50
									397 BF PM S	2M4601	4	STD
									126 RVT PC GI	2M4601010		0.25
									872 FV CR	2M4601020		0.50
									732 FV CR	2M4601030		0.75
										2M4601040		1.00
										2M4601060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
NISSAN												
L28E	6 CYL	2.8 L	2753		1981-83	280ZX w/o Turbo	86.00	1.50 2.00 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	6142 6142020 6142030 6142040	6	STD 0.50 0.75 1.00
									362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C6142 2C6142020 2C6142030 2C6142040 2C6142060	6	STD 0.50 0.75 1.00 1.50
L28, L28E	6 CYL	2.8 L	2753		1975-80	ZX/S130 Z/S30	86.00	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	4394 4394020 4394030 4394040 4394060	6	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4394 2C4394020 2C4394030 2C4394040	6	STD 0.50 0.75 1.00
L28ET	6 CYL	2.8 L	2753		1981-83	280ZX Incl Turbo	86.00	1.50 2.00 4.00	376 BF CR DI 126 RVT PC GI 056 FV CR 732 FV CR	2C6150 2C6150020 2C6150030 2C6150040	6	STD 0.50 0.75 1.00
RB30E	6 CYL	3.0 L	2962			Skyline	86.00	1.50 1.50 2.80	032 BF PC GI 435 SCRP PC GI 861 FV CR 732 FV CR	4754 4754020 4754040	6	STD 0.50 1.00
									376 BF CR DI 435 SCRP PC GI 861 FV CR 732 FV CR	2C4754 2C4754020	6	STD 0.50
									397 BF PM S 435 SCRP PC GI 861 FV CR 732 FV CR	2M4754 2M4754020 2M4754030 2M4754040	6	STD 0.50 0.75 1.00
YD22ETI, YD22DDTi YD22DDT	4 CYL	2.2 L	2184		2000-On	Almera, Primera, X-Trail	86.00	2.00 2.00 3.00	385 HKST SS GI 135 T PC GI 203 CF GN SS 881 2PCO	2D7809	4	STD
Z22, Z22E	4 CYL	2.2 L	2187		1981-84	720, 200SX/S100	87.00	1.50 1.50 4.00	102 T PC GI 102 T PC GI 058 FV CR 732 FV CR	6149 6149010 6149020 6149030 6149040 6149060	4	STD 0.25 0.50 0.75 1.00 1.50
									362 BF 3CR GI 102 T PC GI 058 FV CR 732 FV CR	2C6149 2C6149010 2C6149020 2C6149030 2C6149040	4	STD 0.25 0.50 0.75 1.00
									327 BF PM GI 102 T PC GI 058 FV CR 732 FV CR	2M6149 2M6149010 2M6149020 2M6149030 2M6149040	4	STD 0.25 0.50 0.75 1.00
VG30E, VG30ET	6 CYL	3.0 L	2960		1984-98	300ZX/Z31 200 SX/S12 Maxima, Pickup Pathfinder, Quest incl Turbo	87.00	1.50 1.50 2.80	032 BF PC GI 126 RVT PC GI 861 FV CR 732 FV CR	6196 6196020 6196030 6196040	6	STD 0.50 0.75 1.00
									335 T PM DI 126 RVT PC GI 861 FV CR 732 FV CR	2M6196 2M6196020 2M6196030 2M6196040	6	STD 0.50 0.75 1.00
VG30i, VG30E	6 CYL	3.0 L	2960		1985-95	D21 Pickup, Laurel Pathfinder,Terrano,	87.00	2.00 1.50 2.80	362 BF 3CR GI 126 RVT PC GI 861 FV CR 732 FV CR	2C6239 2C6239020 2C6239030 2C6239040	6	STD 0.50 0.75 1.00
G9T	4 CYL	2.2 L	2188		2002-On	720, 722, 750 Turbo Diesel	87.00	3.00 1.75 2.50	228 HKST PM DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2M7349	1	STD

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
NISSAN												
R16	4 CYL	1.6 L	1595		1965-74	SPL 311,PL 411	87.20	2.00	032 BF PC GI	6830	4	STD
								2.50	401 SCRP PC GI	6830020		0.50
								4.00	860 FV CR	6830030		0.75
									732 FV CR	6830040		1.00
										6830060		1.50
									362 BF 3CR GI	2C6830	4	STD
									401 SCRP PC GI	2C6830020		0.50
									860 FV CR	2C6830030		0.75
									732 FV CR	2C6830040		1.00
										2C6830060		1.50
H20	4 CYL	2.0 L	1982		1967-82	Forklift,Truck	87.20	2.00	032 BF PC GI	6830	4	STD
								2.50	401 SCRP PC GI	6830020		0.50
								4.00	860 FV CR	6830030		0.75
									732 FV CR	6830040		1.00
										6830060		1.50
									362 BF 3CR GI	2C6830	4	STD
									401 SCRP PC GI	2C6830020		0.50
									860 FV CR	2C6830030		0.75
									732 FV CR	2C6830040		1.00
										2C6830060		1.50
Z24I	4 CYL	2.4 L	2389		1984-90	D21 Pickup, Pathfinder/WD21, Van/GC22, 720	89.00	2.00	032 BF PC GI	4452	4	STD
								1.50	126 RVT PC GI	4452010		0.25
								4.00	056 FV CR	4452020		0.50
									732 FV CR	4452030		0.75
										4452040		1.00
										4452060		1.50
									362 BF 3CR GI	2C4452	4	STD
									126 RVT PC GI	2C4452010		0.25
									056 FV CR	2C4452020		0.50
									732 FV CR	2C4452030		0.75
										2C4452040		1.00
										2C4452060		1.50
									327 BF PM GI	2M4452	4	STD
									126 RVT PC GI	2M4452010		0.25
									056 FV CR	2M4452020		0.50
									732 FV CR	2M4452030		0.75
										2M4452040		1.00
KA24D, KA24DE, KA24E	4 CYL	2.4 L	2389		1989-98	Altima 240SX Axxess, 240SX Pickup, Stanza, Van	89.00	1.50	032 BF PC GI	4660	4	STD
								1.50	126 RVT PC GI	4660010		0.25
								2.80	861 FV CR	4660020		0.50
									732 FV CR	4660030		0.75
										4660040		1.00
									363 BF CR GI	2C4660	4	STD
									126 RVT PC GI	2C4660010		0.25
									861 FV CR	2C4660020		0.50
									732 FV CR	2C4660030		0.75
										2C4660040		1.00
										2C4660060		1.50
Z24	4 CYL	2.4 L	2389		1983-84	720	89.00	1.50	032 BF PC GI	5673	4	STD
								1.50	126 RVT PC GI	5673020		0.50
								4.00	056 FV CR	5673030		0.75
									732 FV CR	5673040		1.00
									363 BF CR GI	2C5673	4	STD
									126 RVT PC GI	2C5673020		0.50
									056 FV CR	2C5673030		0.75
									732 FV CR	2C5673040		1.00
G9U 720, G9U 730	4 CYL	2.5 L	2463		2002-03	Interstar,Primastar Turbo Diesel	89.00	3.00	228 HKST PM DI	2M7328	1	STD
								1.75	218 TF PC DI			
								2.50	204 CF CR DI			
									881 2PCO			
G9U 720, G9U 730	4 CYL	2.5 L	2463		2002-On	Interstar,Primastar Turbo Diesel	89.00	2.50	230 TBF PM DI	2M7423	1	STD
								1.75	209 RVT PC DI			
								2.50	204 CF CR DI			
									881 2PCO			
SD23, SD25	4 CYL	2.5 L	2488		1983-88	Diesel Eng	89.00	2.50	376 BF CR DI	2D5674	4	STD
								2.00	126 RVT PC GI	2D567450		0.50
								4.50	553 CF CR GI	2D567475		0.75
									881 2PCO	2D5674100		1.00
QR25DE DOHC	4 CYL	2.5 L	2488		2007-17	Altima, Rouge, Sentra w/2.00mm oil grv.	89.00	1.20	398 BF CR S	2C4516	4	STD
								1.20	126 RVT PC GI	2C4516010		0.25
								2.00	990 FV CR	2C4516020		0.50
									732 FV CR	2C4516030		0.75
										2C4516040		1.00
YD25 DDTi	4 CYL	2.5 L	2488		1999-11	Bassara, Cabstar, Fontier, Navara, Pathfinder, Presage, D22 Diesel Diesel Eng	89.00	2.00	389 HKST BF PM GI	2D7531	4	STD
								2.00	135 T PC GI	2D753150		0.50
								3.00	203 CF GN SS			
									881 2PCO			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
NISSAN												
VG33	6 CYL	3.3 L	3275		1996-04	Pathfinder, QX4	91.50	1.50	362 BF 3CR GI	2C4899	6	STD
								1.50	126 RVT PC GI	2C4899010		0.25
								2.80	997 FV CR	2C4899020		0.50
									732 FV CR	2C4899030		0.75
										2C4899040		1.00
	4 CYL	2.5 L				H25 Model Forklift	92.00	2.00	032 BF PC GI	5645	4	STD
								2.50	126 RVT PC GI	5645010		0.25
								4.00	870 FV CR	5645020		0.50
									732 FV CR	5645030		0.75
										5645040		1.00
										5645060		1.50
									362 BF 3CR GI	2C5645	4	STD
									126 RVT PC GI	2C5645010		0.25
									870 FV CR	2C5645020		0.50
									732 FV CR	2C5645030		0.75
										2C5645040		1.00
										2C5645060		1.50
									327 BF PM GI	2M5645	4	STD
									126 RVT PC GI	2M5645010		0.25
									870 FV CR	2M5645020		0.50
									732 FV CR	2M5645030		0.75
										2M5645040		1.00
										2M5645060		1.50
VQ30DE DOHC	6 CYL	3.0 L	2987		1995-01	V6 Maxima	93.00	1.20	398 BF CR S	2C4781	6	STD
								1.20	126 RVT PC GI	2C4781010		0.25
								2.50	995 FV CR	2C4781020		0.50
									732 FV CR	2C4781030		0.75
										2C4781040		1.00
									397 BF PM S	2M4781	6	STD
									126 RVT PC GI	2M4781010		0.25
									995 FV CR	2M4781020		0.50
									732 FV CR	2M4781030		0.75
										2M4781040		1.00
VQ35HR, VQ35DE DOHC	6 CYL	3.5 L	3498		2007-12	24V Altima, Maxima, Murano, 350Z Roadster	95.50	1.20	398 BF CR S	2C5293	6	STD
								1.20	126 RVT PC GI	2C5293010		0.25
								2.00	991 FV CR	2C5293020		0.50
									005 FV CR	2C5293030		0.75
										2C5293040		1.00
VQ37VHR DOHC	6 CYL	3.7 L	3699		2009-14	370 Z	95.50	1.20	398 BF CR S	2C5293	6	STD
								1.20	126 RVT PC GI	2C5293010		0.25
								2.00	991 FV CR	2C5293020		0.50
									005 FV CR	2C5293030		0.75
										2C5293040		1.00
VQ40DE DOHC	6 CYL	4.0 L	3954		2005-12	Frontier, Pathfinder, Xterra	95.50	1.20	398 BF CR S	2C5293	6	STD
								1.20	126 RVT PC GI	2C5293010		0.25
								2.00	991 FV CR	2C5293020		0.50
									005 FV CR	2C5293030		0.75
										2C5293040		1.00
TD27, TD27T	4 CYL	2.7 L	2663		1983-06	D21, Frontier, Navara, Patrol, Pickup, Terrano, URVAN	96.00	2.50	363 BF CR GI	2D4956	4	STD
								2.00	126 RVT PC GI			
								4.00	553 CF CR GI			
									881 2PCO			
TD42	6 CYL	4.2 L	4169		1987-On	Patrol Australian Diesel Eng	96.00	2.50	363 BF CR GI	2D4939	6	STD
								2.00	126 RVT PC GI			
								4.00	553 CF CR GI			
									881 2PCO			
TB42, TB42S	6 CYL	4.2 L	4169		1987-On	Patrol Australian	96.00	2.00	032 BF PC GI	4938	6	STD
								2.00	126 RVT PC GI	4938020		0.50
								4.00	056 FV CR	4938040		1.00
									732 FV CR			
									327 BF PM GI	2M4938	6	STD
									126 RVT PC GI	2M4938020		0.50
									056 FV CR	2M4938030		0.75
									732 FV CR	2M4938040		1.00
										2M4938060		1.50
ZD30, ZD30DDT, ZD30DDTi	4 CYL	3.0 L	2953			Cabstar, Caravan, Patrol, Terrano Diesel Eng.	96.00	2.50	211 HKST CC DI	2D7309	4	STD
								2.00	257 TF CR DI			
								3.00	203 CF GN SS			
									881 2PCO			
ZD30, ZD30DDT, ZD30DDTi	4 CYL	3.0 L	2953			Cabstar, Caravan, Patrol, Terrano Diesel Eng.	96.00	2.50	385 HKST SS GI	2D7307	4	STD
								2.00	135 T PC GI			
								2.00	203 CF GN SS			
									881 2PCO			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
NISSAN												
VK56, VK56DE,QX56 DOHC Vin: U	8 CYL	5.6 L	5552		2004-15	Armada, Titan	98.00	1.50 1.50 2.50	032 BF PC GI 126 RVT PC GI 995 FV CR 732 FV CR	5188 5188020 5188030 5188040	8	STD 0.50 0.75 1.00
									327 BF PM GI 126 RVT PC GI 995 FV CR 732 FV CR	2M5188 2M5188020 2M5188030 2M5188040	8	STD 0.50 0.75 1.00
TB45DE, TB48DE	6 CYL					Gas Eng.	99.50	2.00 1.50 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	4532 4532020 4532040	6	STD 0.50 1.00
									335 T PM DI 126 RVT PC GI 056 FV CR 732 FV CR	2M4532 2M4532020 2M4532040	6	STD 0.50 1.00
ED6, FD6	6 CYL	5.7 L	5654				100.00	3.00 2.00 4.50	335 T PM DI 126 RVT PC GI 860 FV CR 732 FV CR	2M4267 2M4267020	6	STD 0.50
OLIVER-WHITE MOTORS												
Sleeved Eng.	4 CYL					Super 55, 55HC; Super 66, 66HC; 550 Gas & * Diesel	88.90	3.18 3.18 3.18 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5117	4	STD
	6 CYL					248 Gas 1600	92.08	2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	563 563020 563030	6	STD 0.50 0.75
Sleeved Eng.	4 CYL					155 Gas & Diesel 2-44 550 & 660 Gas & Diesel	92.08	2.38 2.38 2.38 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7581	4	STD
Sleeved Eng.	6 CYL					Super 88, 88KD, 880 Gas & Diesel, 1600 Diesel	95.25	3.18 3.18 3.18 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5028	6	STD
	4 CYL					OC4 Gas	95.25	2.38 3.18 4.75 4.75	363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C6581	1	STD
	6 CYL					1800 Gas	95.25	2.38 2.38 2.38 4.75	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7702	6	STD
Sleeved Eng.	6 CYL					77KD Dist., Super 77 Gas & Diesel Super 88 Gas & Diesel 88 Diesel 88HC, 88KD Dist. 177HC Ind., 188D, 188HC Ind.	95.25	3.18 3.18 3.18 6.35	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7747	6	STD
	6 CYL					1750G Gas to S/N 147260	98.43	2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	668 668010 668020 668030 668040 668060 668080	6	STD 0.25 0.50 0.75 1.00 1.50 2.00
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C668 2C668010 2C668020 2C668030 2C668040 2C668060 2C668080	6	STD 0.25 0.50 0.75 1.00 1.50 2.00
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M668 2M668010 2M668020 2M668030 2M668040 2M668060 2M668080	6	STD 0.25 0.50 0.75 1.00 1.50 2.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
OLIVER-WHITE MOTORS												
Sleeved Eng.	6 CYL					1750, 1755, 1800, 1850 Gas; 1650, 1800 Series Diesel 3 Ring Piston	98.43	2.38 2.38 4.75	363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7179	6	STD
	6 CYL					283 Diesel 2-78, 4-78; 4-105 Gas 1650, 1800 Diesel, 1850 Gas	98.43	2.38 2.38 2.38 4.75	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7703	6	STD
Sleeved Eng.	6 CYL					99D, 99HC, Super 99 199D Ind., 199HC Ind., 950 Gas & Diesel	101.60	3.18 3.18 3.18 4.75	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4007	6	STD
	4 CYL					80 HC	114.30	4.75 4.75 4.75 4.75	362 BF 3CR GI 102 T PC GI 401 SCRP PC GI 860 FV CR 732 FV CR	2C4157	4	STD
OLIVER-WHITE MOTORS INCREASED BORE SLEEVE												
70HC, 70KD Eng. Sleeved Eng.	6 CYL					Genuine Slv. Kit S190 McQuay Norris SA182 Sealed Power SL 1810 Thompson Piston #L17733 White Mach. G218HCH	82.55	2.38 2.38 4.00 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	144 144040 144060	6	STD 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C144	6	STD
.66D, 66HC, Ind. 166D Sleeved Eng.	4 CYL					McQuay Norris #AS164	88.90	2.38 2.38 2.38 6.35	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7503	4	STD
Super 77, 77D, 77HC, 77KD, 88D, 88HC, Ind. 166HC, Ind., 188D Sleeved Eng.	6 CYL					White Mach. G225AHCH M & W Slv. Kit SP123 Diesel Eng.	95.25	3.18 3.18 3.18 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5028	6	STD
Super 77, Super 77D, 77KD, 88D, 88HC, 770, 770D Sleeved Eng.	6 CYL					McQuay Norris Kit #SA166, 202, 224, 227	95.25	2.38 2.38 2.38 6.35	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7139	6	STD
Super 55, 55D, 66, 66D, 66KD, 166HC Sleeved Eng.	4 CYL					Allied Slv. Kit #WSA283, 288 Permite #CSA283, 288	95.25	3.18 3.18 3.18 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7669	4	STD
Super 77, 77D, 77HC, 77KD, 88D, 88HC, Ind. Sleeved Eng.	6 CYL					166HC, Ind., 188D M & W Gear SP18D Sealed Power SL1811 Thompson SA176	95.25	3.18 3.18 3.18 6.35	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7747	6	STD

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
ONAN												
	2 CYL					OTC, OTC44GN	69.85	2.38	126 RVT PC GI	6008	2	STD
								2.38	126 RVT PC GI	6008010		0.25
								4.75	871 FV CR	6008020		0.50
									732 FV CR	6008030		0.75
	2 CYL					VFA-W4, W2C, W2S, W3M, W3S	76.20	2.38	102 T PC GI	5172	2	STD
								2.38	102 T PC GI			
								3.18	102 T PC GI			
								4.75	501 1PCO PC GI			
									825 2PCO			
	2 CYL					B48G model 20 HP GA020/3707E	82.55	2.00	032 BF PC GI	4398	2	STD
								2.00	126 RVT PC GI	4398010		0.25
								4.75	860 FV CR			
									732 FV CR			
	2 CYL					CCK, CCKM, MF/471C	82.55	2.38	032 BF PC GI	6261	2	STD
								2.38	126 RVT PC GI	6261020		0.50
								4.75	860 FV CR	6261040		1.00
									732 FV CR			
	2 CYL					CCK, CCKA, CCKB, J60, JB, VB	82.55	2.38	032 BF PC GI	7785	1	STD
								2.38	126 RVT PC GI	7785020		0.50
	1 CYL					J30, LK		4.75	860 FV CR	7785030		0.75
	4 CYL					J120, JC, K120			732 FV CR	7785040		1.00
									362 BF 3CR GI	2C7785	1	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
	2 CYL					NH, NHC	90.49	2.38	362 BF 3CR GI	2C5360	2	STD
								2.38	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
	2 CYL					NHC Late Design	90.49	2.00	032 BF PC GI	6962	1	STD
								2.00	126 RVT PC GI	6962010		0.25
								4.75	860 FV CR	6962020		0.50
									732 FV CR			
OPEL												
A 13 DTC, A 13 DTR	4 CYL	1.3 L	1248		2006-On	Corsa, Combo	69.60	1.50	239 BF CC DI	2D7836	4	STD
A 13 FD						Turbo Diesel		1.50	123 RVT PC DI	2D783640		0.40
Euro 5								2.00	248 CF CR			
									881 2PCO			
Z 13 DT,	4 CYL	1.3 L	1248		2003-201(	Agila, Corsa, Combo, Meriva	69.60	2.00	205 BF CR DI	2D7101	1	STD
Y 13 DT Euro 3/4						Diesel Eng		1.50	206 TF PC DI	2D710140		0.40
								2.00	248 CF CR	2D710160		0.60
									881 2PCO			
12NZ, C12NZ, X12SZ	4 CYL	1.2 L	1196			Corsa	72.00	1.50	363 BF CR GI	2C5251	4	STD
								1.50	126 RVT PC GI	2C5251020		0.50
								3.00	054 FV CR			
									732 FV CR			
X10XE, Z10XE	4 CYL	1.0 L	973		1996-00	Agila, Corsa	72.50	1.20	398 BF CR S	2C5675	1	STD
								1.50	126 RVT PC GI	2C567550		0.50
								2.00	990 FV CR			
									732 FV CR			
									322 BF GN SS	2N5675	1	STD
									126 RVT PC GI	2N567525		0.25
									990 FV CR	2N567550		0.50
									732 FV CR			
Z12XE, X12XE	4 CYL	1.2 L	1199		1998-00	Astra, Agila, Corsa	72.50	1.20	398 BF CR S	2C5675	1	STD
								1.50	126 RVT PC GI	2C567550		0.50
								2.00	990 FV CR			
									732 FV CR			
									322 BF GN SS	2N5675	1	STD
									126 RVT PC GI	2N567525		0.25
									990 FV CR	2N567550		0.50
									732 FV CR			
A 14 NET Euro 5	4 CYL	1.4 L	1364		2010-On	Astra, Corsa, Insignia	72.50	1.20	322 BF GN SS	2N4141	4	STD
								1.20	406 N PC DI			
								2.00	987 FV GN SS			
									714 GN SS			
Z 10 XEP	4 CYL	1.0 L	1000		2003-On	Agila, Corsa	73.40	1.20	398 BF CR S	2C4162	4	STD
								1.20	126 RVT PC GI	2C4162020		0.50
								2.00	993 FV CR			
									005 FV CR			
Z 12 XEP	4 CYL	1.2 L	1199		2004-On	Agial, Astra, Corsa 1.2 I	73.40	1.20	398 BF CR S	2C4162	4	STD
								1.20	126 RVT PC GI	2C4162020		0.50
								2.00	993 FV CR			
									005 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
OPEL												
Z 14 XEP	4 CYL	1.4 L	1364		2001-On	Astra, Corsa, Meriva	73.40	1.20	398 BF CR S	2C4162	4	STD
								1.20	126 RVT PC GI	2C4162020		0.50
								2.00	993 FV CR			
									005 FV CR			
11N, 11S	4 CYL	1.1 L	1078			Kadett	75.00	1.75	032 BF PC GI	4248	4	STD
								2.00	401 SCRP PC GI	4248020		0.50
								4.00	056 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C4248	4	STD
									401 SCRP PC GI	2C4248020		0.50
									056 FV CR	2C4248030		0.75
									732 FV CR	2C4248040		1.00
										2C4248060		1.50
1.3NB, 1.3S	4 CYL	1.3 L	1297		1979-91	Corsa, Kadett	75.00	1.50	032 BF PC GI	7228	4	STD
								1.50	435 SCRP PC GI	7228020		0.50
								4.00	056 FV CR	7228030		0.75
									732 FV CR	7228040		1.00
										7228060		1.50
									363 BF CR GI	2D7228	4	STD
									435 SCRP PC GI	2D722850		0.50
									553 CF CR GI	2D722875		0.75
									881 2PCO	2D7228100		1.00
										2D7228150		1.50
13 N, 13 NB, 13 SB	4 CYL	1.3 L	1297		1979-91	Ascona, Kadett, Manta	75.00	1.75	032 BF PC GI	4248	4	STD
								2.00	401 SCRP PC GI	4248020		0.50
								4.00	056 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C4248	4	STD
									401 SCRP PC GI	2C4248020		0.50
									056 FV CR	2C4248030		0.75
									732 FV CR	2C4248040		1.00
										2C4248060		1.50
	4 CYL	1.3 L	1300		1979-On	Ascona CD, GL, GLS, J, L, LS, N, SR; Berlina, S; Berlinetta, Corsa, GT, TR; Kadett, Manta, CC Special Caravan, Sprint C, Voyage	75.00	1.50	032 BF PC GI	5076	4	STD
								1.50	435 SCRP PC GI	5076010		0.25
								3.00	054 FV CR	5076020		0.50
									732 FV CR	5076030		0.75
										5076040		1.00
									363 BF CR GI	2C5076	4	STD
									435 SCRP PC GI	2C5076010		0.25
									054 FV CR	2C5076020		0.50
									732 FV CR	2C5076030		0.75
										2C5076040		1.00
B 12 XE	3 CYL	1.2 L	1119		2017-On	Crossland	75.00	1.00	322 BF GN SS	2N4069	3	STD
								1.00	406 N PC DI	2N406925		0.25
								2.00	248 CF CR			
									881 2PCO			
C1.4NZ	4 CYL	1.4 L	1389		1988-91	Astra, Corsa, Kadett	77.60	1.50	032 BF PC GI	4812	4	STD
								1.50	401 SCRP PC GI	4812010		0.25
								3.00	054 FV CR	4812020		0.50
									732 FV CR	4812030		0.75
										4812040		1.00
									362 BF 3CR GI	2C4812	4	STD
									401 SCRP PC GI	2C4812010		0.25
									054 FV CR	2C4812020		0.50
									732 FV CR	2C4812030		0.75
										2C4812040		1.00
Z 14 XE	4 CYL	1.4 L	1389			Astra Corsa	77.60	1.20	398 BF CR S	2C5218	4	STD
								1.50	401 SCRP PC GI	2C5218020		0.50
								2.00	993 FV CR	2C5218030		0.75
									005 FV CR			
12N, 12NC, 12S, 12SC, E12GV	4 CYL	1.2 L	1196		1973-80	Ascona, Corsa, Kadette, Manta	79.00	2.00	032 BF PC GI	4413	4	STD
								2.00	401 SCRP PC GI	4413020		0.50
								5.00	871 FV CR	4413040		1.00
									732 FV CR			
									362 BF 3CR GI	2C4413	4	STD
									401 SCRP PC GI	2C4413020		0.50
									871 FV CR	2C4413040		1.00
									732 FV CR			
	4 CYL	1.6 L	1598		1997-On	16V Astra, Vectra W/2.0Mm Oil Grv.	79.00	1.20	398 BF CR S	2C4596	4	STD
								1.50	126 RVT PC GI	2C4596020		0.50
								2.00	993 FV CR			
									005 FV CR			
Y 16 XE, Z 16 SE, Z 16 XE	4 CYL	1.6 L	1598		1997-10	Astra, Corsa, Vectra, Tigra	79.00	1.20	398 BF CR S	2C4621	4	STD
								1.50	126 RVT PC GI	2C4621020		0.50
								2.50	995 FV CR	2C4621040		1.00
									732 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
OPEL												
Z 16 XEP, Z 16 XE1	4 CYL	1.6 L	1598		2000-10	Astra, Meriva, Vectra	79.00	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C5828 2C5828020	4	STD 0.50
A17DT, A1DTC, A17DTI A17DTJ, A17DTL, A17DTR, A17DTS, Z17DT, Z17DTJ,Z17DTR	4 CYL	1.7 L	1686		2007-14	Astra, Corsa, Meriva, Zafira	79.00	2.00 2.00 3.00	276 HKST GN SS 236 TF CR DI 203 CF GN SS 881 2PCO	2D7540 2D754025 2D754050	4	STD 0.25 0.50
16 D, 16 DA	4 CYL	1.6 L	1598		1982-89	Ascona C, Kadett D Kadett E Diesel Eng w/ 2pc Oil	80.00	2.00 2.00 3.00	032 BF PC GI 401 SCRP PC GI 054 FV CR 732 FV CR	4709 4709020	4	STD 0.50
									362 BF 3CR GI 401 SCRP PC GI 204 CF CR DI 881 2PCO	2D4709 2D470950	4	STD 0.50
F8Q	4 CYL	1.9 L	1870		1998-01	600, 606, 676, 714, 730, 732 Diesel Eng	80.00	2.00 2.00 3.00	219 BF PM DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2M5860	1	STD
	6 CYL	2.5 L	2500		1937-53	Blitzwagen, Kapitan, Super Six	80.00	3.00 3.00 4.75	102 T PC GI 401 SCRP PC GI 871 FV CR 732 FV CR	5806	6	STD
X18XE1	4 CYL	1.8 L	1796			Astra, Vectra	80.50	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C5185 2C5185010 2C5185020 2C5185030 2C5185040	4	STD 0.25 0.50 0.75 1.00
	4 CYL	1.8 L	1799		1997-On	Astra 180ie Ecotec	81.60	1.50 1.50 3.00	032 BF PC GI 401 SCRP PC GI 054 FV CR 732 FV CR	5200 5200020 5200040	4	STD 0.50 1.00
									363 BF CR GI 401 SCRP PC GI 054 FV CR 732 FV CR	2C5200 2C5200020	4	STD 0.50
	4 CYL	1.8 L	1800			Calibra, Vectra	81.60	1.50 1.50 3.00	363 BF CR GI 401 SCRP PC GI 997 FV CR 732 FV CR	2C5269	2	STD
	4 CYL	2.4 L	2400			Calibra, Vectra	81.60	1.50 1.50 3.00	363 BF CR GI 401 SCRP PC GI 997 FV CR 732 FV CR	2C5269	2	STD
Z 19 DTH, Z 19 DTJ	4 CYL	1.9 L	1910		2004-10	Cdti Astra, Signum, Vectra, Zafira Turbo Diesel	82.00	2.00 2.00 2.00	205 BF CR DI 214 RVL PC DI 248 CF CR 881 2PCO	2D7366 2D736640 2D736660	1	STD 0.40 0.60
	4 CYL	1.7 L	1700			Astra, Kadett, Vectra	82.49	2.00 2.00 3.00	363 BF CR GI 401 SCRP PC GI 054 FV CR 732 FV CR	2C4821 2C4821020	4	STD 0.50
	4 CYL	1.5 L	1500		1965-71	Rekord B, C, L	82.50	2.00 2.00 5.00	032 BF PC GI 401 SCRP PC GI 871 FV CR 732 FV CR	6823	4	STD
									362 BF 3CR GI 401 SCRP PC GI 871 FV CR 732 FV CR	2C6823 2C6823060	4	STD 1.50
A 20 DT, A 20 DTC, A 20 DTE, A 20 DTH, A 20 DTJ, A 20 DTL A 20 DTR, A 20 FD Y 20 DTJ, Z 20 DTJ	4 CYL	2.0 L	1956		2008-On	Astra, Cascada, Combo Insignia, Zafira Diesel Eng Turbo Intercooled	83.00	1.50 1.50 2.00	239 BF CC DI 406 N PC DI 553 CF CR GI 881 2PCO	2D7528 2D752840	4	STD 0.40
Z 20DM, Z20 DHM, Z20S	4 CYL	2.0 L	1991		2006-On	Antara	83.00	2.00 2.00 3.00	227 FKST CR DI 123 RVT PC DI 203 CF GN SS 881 2PCO	2D7810 2D781050	4	STD 0.50
M9R	4 CYL	2.0 L	1995		2006-On	Turbo Diesel	84.00	2.50 2.00 2.00	211 HKST CC DI 210 SCRP TF PC DI 248 CF CR 881 2PCO	2D7343 2D734350	1	STD 0.50
X20DTH SOHC	4 CYL	2.0 L	1995		1997-05	Astra, Vectra Turbo Diesel W/Keystone Top Grv.	84.00	2.50 1.75 3.00	241 FKST CC DI 218 TF PC DI 204 CF CR DI 881 2PCO	2D7376	1	STD

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
OPEL												
Y 20 DTH SOHC	4 CYL	2.0 L	1995		1997-05	Astra, Omega, Vectra Turbo Diesel	84.00	1.75 1.75 3.00	205 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2D7167	1	STD
X20DTL, Y20DTL SOHC	4 CYL	2.0 L	1896		1998-05	Astra, Vectra Diesel Eng	84.00	2.00 1.75 3.00	205 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2D7290	1	STD
X 22 DTH, Y 22 DTH, Y 22 DTR SOHC	4 CYL	2.2 L	2172		1997-08	Turbo Diesel	84.00	1.75 1.75 3.00	205 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2D7167	1	STD
	4 CYL	1.8 L	1817		1976-80	Isuzu	84.07	2.00 2.00 4.00	032 BF PC GI 401 SCRP PC GI 056 FV CR 732 FV CR	9101 9101010 9101020 9101030 9101040 9101060	4	STD 0.25 0.50 0.75 1.00 1.50
									362 BF 3CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C9101 2C9101010 2C9101020 2C9101030 2C9101040 2C9101060	4	STD 0.25 0.50 0.75 1.00 1.50
16 N, 16 S	4 CYL	1.6 L	1600		1970	Ascona Manta	85.00	2.00 2.00 5.00	032 BF PC GI 126 RVT PC GI 871 FV CR 732 FV CR	4415 4415020 4415030 4415060	4	STD 0.50 0.75 1.50
									362 BF 3CR GI 126 RVT PC GI 871 FV CR 732 FV CR	2C4415 2C4415020 2C4415030 2C4415040	4	STD 0.50 0.75 1.00
	4 CYL	1.6 L	1600		1959-65	Car-A-Van 17, Olympia, Rekord P17	85.00	2.50 2.50 5.00	032 BF PC GI 401 SCRP PC GI 871 FV CR 732 FV CR	5993 5993030 5993040 5993060	4	STD 0.75 1.00 1.50
									362 BF 3CR GI 401 SCRP PC GI 871 FV CR 732 FV CR	2C5993 2C5993030 2C5993040 2C5993060	4	STD 0.75 1.00 1.50
	6 CYL	2.6 L	2600		1959-64	Blitz, Kapitan P, Pl	85.00	2.50 2.50 5.00	032 BF PC GI 401 SCRP PC GI 871 FV CR 732 FV CR	5994 5994030 5994040 5994060	6	STD 0.75 1.00 1.50
									362 BF 3CR GI 401 SCRP PC GI 871 FV CR 732 FV CR	2C5994 2C5994030 2C5994040 2C5994060	6	STD 0.75 1.00 1.50
20 E, 20 SE,20 SEH, 20 SER,20 XE, C 20 LET,C 20 NE, C 20 XE, X 20 XEV	4 CYL	2.0 L	1998		1986-98	Ascona, Astra,Calibra, Kadett,Omega, Vectra	86.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4601 4601020 4601030 4601040 4601060	4	STD 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2M4601 2M4601010 2M4601020 2M4601030 2M4601040 2M4601060	4	STD 0.25 0.50 0.75 1.00 1.50
RB30E OHC	6 CYL	3.0 L	2962		1985-91	VI Commodore, Nissan Australia Incl. Turbo	86.00	1.50 1.50 4.00	376 BF CR DI 435 SCRP PC GI 058 FV CR 732 FV CR	2C4713 2C4713010 2C4713020 2C4713030 2C4713040	6	STD 0.25 0.50 0.75 1.00
X 30 XE	6 CYL	3.0 L	2962		1994-01	Omega, Sintra 3.0 I 24 V	86.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4601 4601020 4601030 4601040 4601060	4	STD 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2M4601 2M4601010 2M4601020 2M4601030 2M4601040 2M4601060	4	STD 0.25 0.50 0.75 1.00 1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
OPEL												
X20XER, Z20LEH, Z20LER, Z20LET,	4 CYL	2.0 L	1998		2007-On	Astra, Vectra	86.00	1.20 1.50 2.50	322 BF GN SS 406 N PC DI 987 FV GN SS 714 GN SS	2N4189 2N418925 2N418950	4	STD 0.25 0.50
Y22SE, Z22SE, Z22XE, Z22YH	4 CYL	2.2 L	2198		2000-10	Astra, Vectra, Omega	86.00	1.20 1.50 2.50	322 BF GN SS 406 N PC DI 987 FV GN SS 714 GN SS	2N4189 2N418925 2N418950	4	STD 0.25 0.50
	4 CYL	2.0 L	2000		1975-81	Rekord 2000 Diesel Eng	86.50	2.00 2.00 4.00	362 BF 3CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C5591	4	STD
25 CIH, 25H, 25S	6 CYL	2.5 L	2490		1967-88	Blitz, Commodore, Senator Commodore A/B/C, Senator	87.00	2.00 2.00 5.00	032 BF PC GI 126 RVT PC GI 871 FV CR 732 FV CR	4416 4416030 4416040	6	STD 0.75 1.00
									362 BF 3CR GI 126 RVT PC GI 871 FV CR 732 FV CR	2C4416 2C4416020 2C4416040	6	STD 0.50 1.00
G9T.720, G9T.722, G9T.750	4 CYL	2.2 L	2188		2000-On	Movano Turbo Diesel	87.00	3.00 1.75 2.50	228 HKST PM DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2M7349	1	STD
	4 CYL	1.7 L	1698		1965-On	Car-A-Van, Coupe, L, Rekord, 75 Din-Ps	88.00	2.00 2.00 5.00	032 BF PC GI 401 SCRP PC GI 871 FV CR 732 FV CR	6837	4	STD
									362 BF 3CR GI 401 SCRP PC GI 871 FV CR 732 FV CR	2C6837	4	STD
	4 CYL	2.1 L			1972-On	Rekord 2100D Diesel Eng	88.00	2.00 2.00 2.00 5.00	362 BF 3CR GI 032 BF PC GI 401 SCRP PC GI 553 CF CR GI 881 2PCO	2D4423 2D442350	4	STD 0.50
C 26 NE	6 CYL	2.6 L	2594		1990-94	Omega, Senator	88.80	1.50 1.50 3.00	362 BF 3CR GI 126 RVT PC GI 054 FV CR 732 FV CR	2C5283	6	STD
G9U 630, G9U.632, G9U.720	4 CYL	2.5 L	2464		2003-06	Movano, Vivaro Turbo Diesel	89.00	3.00 1.75 2.50	228 HKST PM DI 218 TF PC DI 204 CF CR DI 881 2PCO	2M7328	1	STD
25TDS (VM41B)	4 CYL	2.5 L	2500		1996-98	Frontera Turbo Diesel	92.00	2.50 2.00 4.00	225 FKST CR DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
28E, 28HL, 28S	6 CYL	2.8 L	2784		1965-On	Admiral, Commodore, Diplomat 2600E	92.00	2.00 2.00 5.00	032 BF PC GI 401 SCRP PC GI 860 FV CR 732 FV CR	5084 5084020	6	STD 0.50
									362 BF 3CR GI 401 SCRP PC GI 860 FV CR 732 FV CR	2C5084 2C5084020 2C5084040	6	STD 0.50 1.00
4JA1	4 CYL	2.5 L	2499		1989-97	Chrome Slv Use 7384 Only Diesel Eng	93.00	2.00 2.00 4.00	252 BF PC GI 218 TF PC DI 200 CF PC GI 881 2PCO	7384	1	STD
									217 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2C7384	1	STD
S9W.700, S9W.702 Through - Eng.2572279	4 CYL	2.8 L	2799		1998-01	Movano Turbo Diesel	94.40	3.00 2.00 3.00	225 FKST CR DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2C7353	1	STD
S9W.700, S9W.702 Eng.2572280-On	4 CYL	2.8 L	2799		1998-01	Movano Turbo Diesel	94.40	2.50 2.00 2.50	233 FKST PM DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2M7450	1	STD

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
OPEL												
	4 CYL	2.2 L	2197		1984-On	Monza, Rekord, Senator Cd, Gl, Gls	95.00	1.75 1.50 3.50	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	5161 5161020	4	STD 0.50
									362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C5161 2C5161020	4	STD 0.50
C 30 NE	4 CYL	2.8 L	2969		1987-94	Omega, Senator	95.00	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	4246 4246040	4	STD 1.00
									362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C4246 2C4246040	4	STD 1.00
PACKARD												
	8 CYL				1948-54 1948-54	All Eng. Nos. with Suffix "C	88.90	2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	458	8	STD
	8 CYL				1940-53	All Eng. Nos. w/o Suffix "C"	88.90	2.38 3.18 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	4048	8	STD
	8 CYL	4.7 L	4736	289	1957-58	All Models 57L, 58, 58L Packard, 5406, 5426, 5431 212 H.P.	90.49	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	630 630060	8	STD 1.50
	8 CYL	5.9 L	5883	359	1954	All Models 57L, 58, 58L Packard, 5406, 5426, 5431 212 H.P.	90.49	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	630 630060	8	STD 1.50
	8 CYL	5.8 L	5768	352	1955-56	5560, 5580, 5640, 5650, Clipper, Custom, Deluxe, Patrician, Super, 400	101.60	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	139 139010 139020 139030 139040 139060 139070 139080 139100	8	STD 0.25 0.50 0.75 1.00 1.50 1.75 2.00 2.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C139 2C139010 2C139020 2C139030 2C139040 2C139060 2C139070 2C139080	8	STD 0.25 0.50 0.75 1.00 1.50 1.75 2.00
									397 BF PM S 126 RVT PC GI 860 FV CR 732 FV CR	2M139 2M139005 2M139010 2M139020 2M139030 2M139040 2M139060 2M139070 2M139080 2M139100	8	STD 0.13 0.25 0.50 0.75 1.00 1.50 1.75 2.00 2.50
	8 CYL	6.1 L	6129	374	1956	5680, 5688, Patrician, 400 Carribean	104.78	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	661 661010 661020 661030 661040 661060	8	STD 0.25 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C661 2C661040	8	STD 1.00
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M661 2M661010 2M661020 2M661030 2M661040 2M661060	8	STD 0.25 0.50 0.75 1.00 1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
PALMER												
	8 CYL	5.0 L	4982	304			98.43	2.38	032 BF PC GI	6302	8	STD
								2.38	126 RVT PC GI	6302010		0.25
								4.75	860 FV CR	6302020		0.50
									732 FV CR	6302030		0.75
										6302040		1.00
										6302060		1.50
									362 BF 3CR GI	2C6302	8	STD
									126 RVT PC GI	2C6302020		0.50
									860 FV CR	2C6302030		0.75
									732 FV CR	2C6302040		1.00
										2C6302060		1.50
									345 T PM GI	2M6302	8	STD
									126 RVT PC GI	2M6302030		0.75
									860 FV CR	2M6302040		1.00
									732 FV CR	2M6302060		1.50
	8 CYL	5.7 L	5654	345			98.43	2.38	032 BF PC GI	6302	8	STD
								2.38	126 RVT PC GI	6302010		0.25
								4.75	860 FV CR	6302020		0.50
									732 FV CR	6302030		0.75
										6302040		1.00
										6302060		1.50
									362 BF 3CR GI	2C6302	8	STD
									126 RVT PC GI	2C6302020		0.50
									860 FV CR	2C6302030		0.75
									732 FV CR	2C6302040		1.00
										2C6302060		1.50
									345 T PM GI	2M6302	8	STD
									126 RVT PC GI	2M6302030		0.75
									860 FV CR	2M6302040		1.00
									732 FV CR	2M6302060		1.50
	8 CYL	4.9 L	4949	302	1986-91		101.60	1.50	032 BF PC GI	4346	8	STD
								1.50	126 RVT PC GI	4346020		0.50
								4.00	635 FV CR	4346030		0.75
									732 FV CR	4346040		1.00
										4346060		1.50
									327 BF PM GI	2M4346	8	STD
									126 RVT PC GI	2M4346010		0.25
									635 FV CR	2M4346020		0.50
									732 FV CR	2M4346030		0.75
										2M4346040		1.00
										2M4346060		1.50
	8 CYL	4.9 L	4949	302	1968-85		101.60	2.00	032 BF PC GI	139	8	STD
								2.00	126 RVT PC GI	139010		0.25
								4.75	860 FV CR	139020		0.50
									732 FV CR	139030		0.75
										139040		1.00
										139060		1.50
										139070		1.75
										139080		2.00
										139100		2.50
									362 BF 3CR GI	2C139	8	STD
									126 RVT PC GI	2C139010		0.25
									860 FV CR	2C139020		0.50
									732 FV CR	2C139030		0.75
										2C139040		1.00
										2C139060		1.50
										2C139070		1.75
										2C139080		2.00
									397 BF PM S	2M139	8	STD
									126 RVT PC GI	2M139005		0.13
									860 FV CR	2M139010		0.25
									732 FV CR	2M139020		0.50
										2M139030		0.75
										2M139040		1.00
										2M139060		1.50
										2M139070		1.75
										2M139080		2.00
										2M139100		2.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
PALMER												
	8 CYL	5.8 L	5752	351			101.60	2.00	032 BF PC GI	139	8	STD
								2.00	126 RVT PC GI	139010		0.25
								4.75	860 FV CR	139020		0.50
									732 FV CR	139030		0.75
										139040		1.00
										139060		1.50
										139070		1.75
										139080		2.00
										139100		2.50
									362 BF 3CR GI	2C139	8	STD
									126 RVT PC GI	2C139010		0.25
									860 FV CR	2C139020		0.50
									732 FV CR	2C139030		0.75
										2C139040		1.00
										2C139060		1.50
										2C139070		1.75
										2C139080		2.00
									397 BF PM S	2M139	8	STD
									126 RVT PC GI	2M139005		0.13
									860 FV CR	2M139010		0.25
									732 FV CR	2M139020		0.50
										2M139030		0.75
										2M139040		1.00
										2M139060		1.50
										2M139070		1.75
										2M139080		2.00
										2M139100		2.50
	8 CYL	6.4 L	6424	392			104.78	2.38	363 BF CR GI	2C6094	8	STD
								2.38	126 RVT PC GI	2C6094020		0.50
								4.75	860 FV CR	2C6094030		0.75
									732 FV CR	2C6094040		1.00
										2C6094060		1.50
									327 BF PM GI	2M6094	8	STD
									126 RVT PC GI	2M6094030		0.75
									860 FV CR	2M6094040		1.00
									732 FV CR	2M6094060		1.50
	8 CYL	6.6 L	6620	404			104.78	2.38	363 BF CR GI	2C6094	8	STD
								2.38	126 RVT PC GI	2C6094020		0.50
								4.75	860 FV CR	2C6094030		0.75
									732 FV CR	2C6094040		1.00
										2C6094060		1.50
									327 BF PM GI	2M6094	8	STD
									126 RVT PC GI	2M6094030		0.75
									860 FV CR	2M6094040		1.00
									732 FV CR	2M6094060		1.50
	8 CYL	6.6 L	6571	401			105.79	2.00	032 BF PC GI	672	8	STD
								2.00	126 RVT PC GI	672030		0.75
								4.75	860 FV CR	672040		1.00
									732 FV CR			
									362 BF 3CR GI	2C672	8	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
									327 BF PM GI	2M672	8	STD
									126 RVT PC GI	2M672030		0.75
									860 FV CR			
									732 FV CR			
	8 CYL	9.0 L	8997	549			114.30	2.38	032 BF PC GI	6309	8	STD
								2.38	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
									363 BF CR GI	2C6309	8	STD
									126 RVT PC GI	2C6309020		0.50
									860 FV CR	2C6309030		0.75
									732 FV CR	2C6309040		1.00
										2C6309060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
PERKINS												
3A.152 Sleeved Eng.	3 CYL	2.5 L	2491	152		S/N 1935854-on S/N 2939036-on For Late Piston Chrome Slvs use 7140 only Diesel Eng	91.44	2.38 2.38 3.18 6.35 6.35	103 T PC DI 103 T PC DI 103 T PC DI 502 1PCO PC DI 502 1PCO PC DI	7140	1	STD
4A.203D Sleeved Eng.	4 CYL	3.3 L	3327	203		S/N 1935854-on S/N 2939036-on For Late Piston Chrome Slvs use 7140 only Diesel Eng	91.44	2.38 2.38 3.18 6.35 6.35	103 T PC DI 103 T PC DI 103 T PC DI 502 1PCO PC DI 502 1PCO PC DI	7140	1	STD
6.305D Sleeved Eng.	6 CYL	5.0 L	4998	305		S/N 1935854-on S/N 2939036-on For Late Piston Chrome Slvs use 7140 only Diesel Eng	91.44	2.38 2.38 3.18 6.35 6.35	103 T PC DI 103 T PC DI 103 T PC DI 502 1PCO PC DI 502 1PCO PC DI	7140	1	STD
AG4-212	4 CYL	3.5 L	3474	212		Gas Engs.	98.48	2.38 2.38 2.38 6.35	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 871 FV CR 732 FV CR	2C7243	4	STD
G4-236	4 CYL	3.9 L	3867	236		Gas Engs.	98.48	2.38 2.38 2.38 6.35	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 871 FV CR 732 FV CR	2C7243	4	STD
1004.4	4 CYL	4.0 L	3990			Naturally Aspirated	100.00	2.50 2.50 4.00	362 BF 3CR GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2C7258	1	STD
1006.6	6 CYL	6.0 L	5985			Naturally Aspirated	100.00	2.50 2.50 4.00	362 BF 3CR GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2C7258	1	STD
PEUGEOT												
XV3, XV5, XV8	4 CYL	1.0 L	954		1975-87	104, 205	70.00	2.00 2.00 4.00	032 BF PC GI 401 SCRP PC GI 055 FV CR 732 FV CR	4373 4373040	4	STD 1.00
									362 BF 3CR GI 401 SCRP PC GI 055 FV CR 732 FV CR	2C4373 2C4373020	4	STD 0.50
TU9/C1/H1	4 CYL	1.0 L	954		1987-On	106XN, 20J, 205XL ,GL,XE,XR, 205 Junior	70.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	5013 5013016 5013024 5013040 5013060	4	STD 0.40 0.60 1.00 1.50
									363 BF CR GI 126 RVT PC GI 054 FV CR 732 FV CR	2C5013 2C5013016 2C5013024 2C5013032	4	STD 0.40 0.60 0.80
EAO	3 CYL	1.0 L	999		2012-On	108, 208	71.00	1.00 1.00 2.00	322 BF GN SS 123 RVT PC DI 248 CF CR 881 2PCO	2N4057	3	STD
XW3S, XW7	4 CYL	1.1 L	1124		1983-90	104, 205	72.00	1.50 2.00 4.00	032 BF PC GI 401 SCRP PC GI 056 FV CR 732 FV CR	4486 4486010 4486020	4	STD 0.25 0.50
									362 BF 3CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C4486 2C4486010 2C4486020	4	STD 0.25 0.50
TU1 (H1A/H1B/H3A) TU1M	4 CYL	1.1 L	1124		1988-01	106I, II, 206 I, II, 205 Box, 205II, 309II Partner	72.00	1.50 2.00 3.00	362 BF 3CR GI 401 SCRP PC GI 054 FV CR 732 FV CR	2C9356 2C9356020	4	STD 0.50
TU1JP	4 CYL	1.1 L	1124		2002-08	Koral 1.1	72.00	1.50 1.50 2.50	376 BF CR DI 406 N PC DI 199 CF DI 881 2PCO	2C4128	4	STD
DV4TD, DV4TED4	4 CYL	1.4 L	1398		2001-09	206, 307, 1007 Turbo Diesel	73.70	2.50 1.95 2.50	213 FKST CC DI 209 RVT PC DI 248 CF CR 881 2PCO	2D7270 2D727025 2D727050	1	STD 0.25 0.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
PEUGEOT												
1.3 L diesel I4	4 CYL	1.3 L	1255		1968-73	204 Diesel Moteur XLD	75.00	1.50	032 BF PC GI	7228	4	STD
								1.50	435 SCRP PC GI	7228020		0.50
								4.00	056 FV CR	7228030		0.75
									732 FV CR	7228040		1.00
										7228060		1.50
									363 BF CR GI	2D7228	4	STD
									435 SCRP PC GI	2D722850		0.50
									553 CF CR GI	2D722875		0.75
									881 2PCO	2D7228100		1.00
										2D7228150		1.50
TU2.4	4 CYL	1.3 L	1294		1987-90	205II	75.00	1.75	362 BF 3CR GI	2C9372	4	STD
								2.00	401 SCRP PC GI	2C9372010		0.25
								3.00	054 FV CR	2C9372020		0.50
									732 FV CR	2C9372030		0.75
TU3A, TU3 F, TU3 F2C TU3M, TU3MC, TU3S	4 CYL	1.4 L	1360		1987-10	106, 205, 309, 405	75.00	1.75	032 BF PC GI	5068	4	STD
								2.00	126 RVT PC GI	5068020		0.50
								3.00	054 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C5068	4	STD
									126 RVT PC GI	2C5068010		0.25
									054 FV CR	2C5068020		0.50
									732 FV CR	2C5068030		0.75
										2C5068040		1.00
TU3 All K2B, KDX, KDZ KDY, KFZ, KAY, KFW KFV, KFT, K6F, K6E, KFY, KFZ, K2A, KDX	4 CYL	1.4 L	1360		1988-11	205II	75.00	1.75	362 BF 3CR GI	2C9372	4	STD
								2.00	401 SCRP PC GI	2C9372010		0.25
								3.00	054 FV CR	2C9372020		0.50
									732 FV CR	2C9372030		0.75
TU3JP, TU3JP-L4	4 CYL	1.4 L	1361		1993-12	106, 206, 306, 307 Partner 1.4i	75.00	1.50	032 BF PC GI	5021	4	STD
								1.50	435 SCRP PC GI			
								2.50	995 FV CR			
									732 FV CR			
									363 BF CR GI	2C5021	4	STD
									435 SCRP PC GI	2C5021010		0.25
									995 FV CR	2C5021020		0.50
									732 FV CR	2C5021030		0.75
										2C5021040		1.00
HMP, HMT, HMZ, HNY, HNZ	3 CYL	1.2 L	1119		2013-18	108, 208, 308, 2008, 3008, 5008, Grand Raid	75.00	1.00	322 BF GN SS	2N4069	3	STD
								1.00	406 N PC DI	2N406925		0.25
								2.00	248 CF CR			
									881 2PCO			
DV6BTED4, DV6BTED4 DV6C, DV6CTED, DV6DTED, DV6DTED DV6DTEDM, DV6ETEDM	4 CYL	1.6 L	1560		2009-On	Partner, 207, 308, 508, 2008 Diesel Eng Incl. Turbo	75.00	2.50	271 FKST BF CC DI	2D7431	4	STD
								1.95	406 N PC DI	2D743125		0.25
								2.00	248 CF CR	2D743150		0.50
									881 2PCO			
DV6TED4, DV6ATED4, DV6UTED4	4 CYL	1.6 L	1560		2004-15	Expert, Grand Raid, Partner, 206, 207 Turbo Diesel	75.00	3.00	213 FKST CC DI	2D7254	1	STD
								1.95	202 TTF PC DI	2D725450		0.50
								2.50	204 CF CR DI			
									881 2PCO			
XL3	4 CYL	1.3 L	1288		1969-75	304, 304S	76.00	1.75	102 T PC GI	4330	4	STD
								2.00	401 SCRP PC GI	4330010		0.25
								4.00	056 FV CR	4330020		0.50
									732 FV CR	4330030		0.75
										4330040		1.00
									362 BF 3CR GI	2C4330	4	STD
									401 SCRP PC GI	2C4330010		0.25
									056 FV CR	2C4330020		0.50
									732 FV CR	2C4330040		1.00
TUD5, TUD 5B	4 CYL	1.5 L	1527		1995-On	106 1.5 D Diesel Eng	77.00	2.00	363 BF CR GI	2D4981	4	STD
								1.75	102 T PC GI	2D498125		0.25
								3.00	553 CF CR GI	2D498150		0.50
									881 2PCO	2D4981100		1.00
XK5	4 CYL	1.1 L	1127		1975-80	204, 304	78.00	1.75	032 BF PC GI	6197	4	STD
								2.00	401 SCRP PC GI	6197010		0.25
								4.00	860 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C6197	4	STD
									401 SCRP PC GI	2C6197010		0.25
									860 FV CR	2C6197020		0.50
									732 FV CR			
XL5, XL5S	4 CYL	1.3 L	1290		1972-82	304, 305	78.00	1.75	032 BF PC GI	6197	4	STD
								2.00	401 SCRP PC GI	6197010		0.25
								4.00	860 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C6197	4	STD
									401 SCRP PC GI	2C6197010		0.25
									860 FV CR	2C6197020		0.50
									732 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
PEUGEOT												
Moteur XL4D	4 CYL	1.4 L	1357		1973-80	204, 304 Diesel Eng	78.00	1.75 2.00 3.00	362 BF 3CR GI 401 SCRP PC GI 553 CF CR GI 881 2PCO	2D7239	4	STD
XR5	4 CYL	1.5 L	1472		1977-82	305	78.00	1.75 2.00 4.00	032 BF PC GI 401 SCRP PC GI 860 FV CR 732 FV CR	6197 6197010	4	STD 0.25
									362 BF 3CR GI 401 SCRP PC GI 860 FV CR 732 FV CR	2C6197 2C6197010 2C6197020	4	STD 0.25 0.50
NFU, NFX, TU 5 JP 4	4 CYL	1.6 L	1587		1996-15	106, 206, 307 Berlingo, C3, 110 Saxo Partner, Xsara	78.50	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 934 FV CR 732 FV CR	2C9369 2C9369020 2C9369030	4	STD 0.50 0.75
J2	4 CYL	1.6 L	1592		1987-On	205 GTX, 309 SR	80.60	1.75 2.00 4.00	032 BF PC GI 401 SCRP PC GI 056 FV CR 732 FV CR	4253 4253020	4	STD 0.50
									363 BF CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C4253 2C4253020	4	STD 0.50
DW8, DW8B SOHC	4 CYL	1.9 L	1868		1996-15	206, 306, Expert Jumpy, Partner, Xsra Diesel Eng	82.20	2.00 2.00 3.00	362 BF 3CR GI 126 RVT PC GI 054 FV CR 732 FV CR	2C5858	4	STD
									205 BF CR DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2D5858 2D585850	1	STD 0.50
XU5JP, XU5JPZ	4 CYL	1.6 L	1581		1994-04	405, 406	83.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	4651 4651010 4651020 4651040	4	STD 0.25 0.50 1.00
									376 BF CR DI 126 RVT PC GI 054 FV CR 732 FV CR	2C4651 2C4651010 2C4651020 2C4651030 2C4651040 2C4651060	4	STD 0.25 0.50 0.75 1.00 1.50
									326 TBF GN SS 435 SCRP PC GI 987 FV GN SS 714 GN SS	2N4651	4	STD
XU7JB, XU7JP, XU7JPZ, XU7JP4	4 CYL	1.8 L	1762		1992-04	306, 405	83.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	4651 4651010 4651020 4651040	4	STD 0.25 0.50 1.00
									376 BF CR DI 126 RVT PC GI 054 FV CR 732 FV CR	2C4651 2C4651010 2C4651020 2C4651030 2C4651040 2C4651060	4	STD 0.25 0.50 0.75 1.00 1.50
									326 TBF GN SS 435 SCRP PC GI 987 FV GN SS 714 GN SS	2N4651	4	STD
XU5J, XU51C, XU5CP XU5S ,XU51C, XU52C, XU92C	4 CYL	1.9 L	1905		1982-98	205 GTi, 305 GT, GTX, 405	83.00	1.75 1.75 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	5046	4	STD
									362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C5046	4	STD

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
PEUGEOT												
XU9J4	4 CYL	1.9 L	1905		1987-93	306, 406 Incl. Turbo	83.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	4651 4651010 4651020 4651040	4	STD 0.25 0.50 1.00
									376 BF CR DI 126 RVT PC GI 054 FV CR 732 FV CR	2C4651 2C4651010 2C4651020 2C4651030 2C4651040 2C4651060	4	STD 0.25 0.50 0.75 1.00 1.50
									326 TBF GN SS 435 SCRP PC GI 987 FV GN SS 714 GN SS	2N4651	4	STD
XUD 9, XUD 9 A	4 CYL	1.9 L	1905		1982-02	205, 305, 306, 309,405, Boxer, Partner, Ranch Diesel Eng	83.00	2.00 2.00 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	4865 4865020	4	STD 0.50
									362 BF 3CR GI 126 RVT PC GI 204 CF CR DI 881 2PCO	2D4865 2D486550	4	STD 0.50
XUD9A, XUD9BSD, XUD9SD, XUD9TE	4 CYL	1.9 L	1905		1988-96	306, 309, 405, 406 406, Expert, 806, Boxer Diesel Eng	83.00	3.50 2.00 3.00	224 FKST PM DI 202 TTF PC DI 204 CF CR DI 881 2PCO	2M7157	1	STD
XUD9A, XUD9TE XUD9TF	4 CYL	1.9 L	1905		1997-04	306, 309, 405, 406 406, Expert, 806, Boxer Diesel Eng	83.00	3.00 2.00 3.00	221 FKST CC DI 202 TTF PC DI 204 CF CR DI 881 2PCO	2D7351	1	STD
XUD 9, XUD 9 A	4 CYL	1.9 L	1905		1982-98	205, 305, 306, 309,405, Boxer, Partner, Ranch Diesel Eng	83.00	2.00 2.00 3.00	239 BF CC DI 123 RVT PC DI 204 CF CR DI 881 2PCO	2D7435 2D743525 2D743550	1	STD 0.25 0.50
XU5J, XU5JA, XU5JM	4 CYL	1.6 L	1580		1984-96	205, 309	83.00	1.50 1.50 4.00	376 BF CR DI 126 RVT PC GI 058 FV CR 732 FV CR	2C5881	4	STD
XU9J2, XU9JA XU9JAZ, XU9M, XU9S X92C	4 CYL	1.9 L	1905		1985-98	205, 305, 405	83.00	1.50 1.50 4.00	376 BF CR DI 126 RVT PC GI 058 FV CR 732 FV CR	2C5881	4	STD
XC6, XC5P, XC7P	4 CYL	1.6 L	1618		1967-87	404, 504, J7, J9	84.00	2.00 2.00 4.50	032 BF PC GI 401 SCRP PC GI 871 FV CR 732 FV CR	6713 6713020 6713030	4	STD 0.50 0.75
									362 BF 3CR GI 401 SCRP PC GI 871 FV CR 732 FV CR	2C6713	4	STD
KF5, XM, XM7, XM7A, XM7T	4 CYL	1.8 L	1796		1968-94	504, 505, J7, J5 Box	84.00	1.50 2.00 4.00	102 T PC GI 401 SCRP PC GI 056 FV CR 732 FV CR	9516 9516010 9516020 9516030 9516032 9516040 9516060	4	STD 0.25 0.50 0.75 0.80 1.00 1.50
									362 BF 3CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C9516 2C9516010 2C9516020 2C9516024 2C9516030 2C9516032 2C9516040 2C9516060 2C9516063	4	STD 0.25 0.50 0.60 0.75 0.80 1.00 1.50 1.60
EW 10 J4, EW 10L3, EW 10L4	4 CYL	2.0 L	1998		1999-12	206, 307, 308, 407, 807	85.00	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C4106 2C410625 2C410650	4	STD 0.25 0.50
									220 TBF PM DI 406 N PC DI 995 FV CR 732 FV CR	2M4106 2M410620 2M410640 2M410660 2M410680	4	STD 0.20 0.40 0.60 0.80

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
PEUGEOT												
AHR, AHV, AHW, AHX, AHZ, RHZ, RHD, RHE, RHH, DW10FD	4 CYL	2.0 L	1997		2010-On	308, 407, 508, 5008, Expert Diesel Eng	85.00	2.00 2.00 2.00	272 HKST BF CC DI 123 RVT PC DI 248 CF CR 881 2PCO	2D4143 2D414360	4	STD 0.60
DW12C, DW12MTED4, DW12MTED4	4 CYL	2.2 L	2179		2007-On	508, 4007 Diesel Eng	85.00	2.50 2.00 2.00	273 FKST BF CC DI 126 RVT PC GI 248 CF CR 881 2PCO	2D7549 2D754925 2D754950	4	STD 0.25 0.50
DW10ATED, DW10BTED	4 CYL	2.0 L	1997		2000-06	Break, Expert Turbo Diesel	85.00	3.50 2.00 3.00	213 FKST CC DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2D7176 2D717660	1	STD 0.60
DW12BTED4, DW12TED4	4 CYL	2.2 L	2179		2000-04	Boxer, Break, Coupe Turbo Diesel	85.00	3.50 2.00 3.00	213 FKST CC DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2D7176 2D717660	1	STD 0.60
XU102C, XU10J2 XU10J2TE, XU10J4 XU10J4R	4 CYL	2.0 L	1998		1992-04	405 SRi, STi, GTX, Motor Hunter 605 SLi, SRi, SVi	86.00	1.50 1.75 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	5065 5065020	4	STD 0.50
									397 BF PM S 126 RVT PC GI 054 FV CR 732 FV CR	2M5065 2M5065010 2M5065020 2M5065030 2M5065040 2M5065060	4	STD 0.25 0.50 0.75 1.00 1.50
XD 88, XDP 4.88	4 CYL	1.9 L	1948		1968-89	504, J7 Diesel Eng	88.00	2.00 2.00 2.00 4.50	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 871 FV CR 732 FV CR	6861 6861020	4	STD 0.50
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 871 FV CR 732 FV CR	2C6861 2C6861020 2C6861040	4	STD 0.50 1.00
XN1, XN1A, XN1T, XN1TA, XN1P, XN1T, XN2, ZMJ	4 CYL	2.0 L	1971		1971-89	504, 505, J5, J9	88.00	1.50 2.00 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	4279 4279020	4	STD 0.50
									362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C4279 2C4279010 2C4279020 2C4279040	4	STD 0.25 0.50 1.00
ZM (112), ZMJ (140)	6 CYL	2.7 L	2664		1977-84	504, 604	88.00	1.50 2.00 4.00	032 BF PC GI 401 SCRP PC GI 056 FV CR 732 FV CR	4488 4488030	6	STD 0.75
									362 BF 3CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C4488 2C4488030	6	STD 0.75
XDP90, XD4x90	4 CYL	2.1 L	2112		1968-86	504, J7	90.00	2.00 2.00 2.00 4.50	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5486	4	STD
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D5486 2D548650	4	STD 0.50
CRD93, CRD93L	4 CYL	2.5 L	2500		1984-On	J5 Diesel Eng	93.00	2.50 2.00 4.00	335 T PM DI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D9349 2D934950 2D934975	4	STD 0.50 0.75
EN 55 XD2, XD3	4 CYL	2.3 L	2304		1975-93	504, 505D w/o Turbo Diesel Eng	94.00	2.00 2.00 4.00	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5633 2C5633010 2C5633016 2C5633020 2C5633040	4	STD 0.25 0.40 0.50 1.00
8140.23	4 CYL	2.8 L	2798		2000-04	Boxer Turbo Diesel	94.40	3.00 2.00 3.00	225 FKST CR DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2C7353	1	STD

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
PEUGEOT												
8140.63(F28D)	4 CYL	2.8 L	2798		1999-02	Boxer Diesel Eng	94.40	3.00 2.00 2.50	225 FKST CR DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2C7449	1	STD
8140.43N, 8140.43S	4 CYL	2.8 L	2798		2000-09	Boxer, Chassis Turbo Diesel	94.40	2.50 2.00 2.50	233 FKST PM DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2M7450	1	STD
PORSCHE												
	4 CYL	1.3 L	1300		1952-55	Sport 1300	80.00	3.00 3.00 5.00	102 T PC GI 401 SCRP PC GI 501 1PCO PC GI	5755	4	STD
	4 CYL	1.5 L	1500		1952-55	1500, 1500 Super	80.00	3.00 3.00 5.00	102 T PC GI 401 SCRP PC GI 501 1PCO PC GI	5755	4	STD
616.36, 616.39, 616.40	4 CYL	1.6 L	1582		1965-70	912, 912 Targa	82.50	1.50 2.00 4.00	362 BF 3CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C6801	4	STD
XJ	4 CYL	2.0 L	1984		1976-79	924 2.0 w/Mahle Piston	86.50	2.00 2.50 5.00	032 BF PC GI 126 RVT PC GI 871 FV CR 732 FV CR	4466 4466020 4466040 4466060	4	STD 0.50 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 871 FV CR 732 FV CR	2C4466 2C4466010 2C4466020 2C4466040 2C4466060	4	STD 0.25 0.50 1.00 1.50
	4 CYL	1.7 L	1679		1971-73	914.7	90.00	2.00 2.00 5.00	362 BF 3CR GI 401 SCRP PC GI 871 FV CR 732 FV CR	2C6864	4	STD
AN, AP	4 CYL	1.8 L	1795		1973-76	914 1.8	93.00	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	6119 6119020	4	STD 0.50
									362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C6119 2C6119020 2C6119040	4	STD 0.50 1.00
M 48.50S	8 CYL	4.5 L	4511		2004-On	Cayenne (955) Turbo S 4.5	93.00	1.20 1.50 2.00	322 BF GN SS 126 RVT PC GI 987 FV GN SS 714 GN SS	2N4077	8	STD
930.60, M 30.69 930.66/68, M 30.69S	6 CYL	3.3 L	3229		1977-On	911 3.3 911 Targa Turbo Intercooled	97.00	1.50 1.50 3.50	336 T PM DI 126 RVT PC GI 058 FV CR 716 FV	2M4789	6	STD
RENAULT												
C1C 706, C1C 708, C1C 754	4 CYL	1.0 L	956		1985-93	Rapid Box 1.0 4 1.0	65.00	1.75 2.00 3.50	102 T PC GI 401 SCRP PC GI 054 FV CR 732 FV CR	4369	4	STD
									362 BF 3CR GI 401 SCRP PC GI 054 FV CR 732 FV CR	2C4369	4	STD
D4F 702, D4F 704 D4F 704,D4F 712 D4F 722, D4F 728 D4F 730, D4F 740	4 CYL	1.1 L	1149		2000-On	Twingo, 16V w/1.2mmtop grv.	69.00	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C4549 2C4549010 2C4549020	4	STD 0.25 0.50
D7F, F4P	4 CYL	1.1 L	1149		1998-On	Clio, Twingo, Modus, Kangoo	69.00	1.50 1.50 2.50	363 BF CR GI 126 RVT PC GI 995 FV CR 732 FV CR	2C4995 2C4995010 2C4995020 2C4995040	4	STD 0.25 0.50 1.00
C1E (688.01), C1E 688	4 CYL	1.1 L	1108		1962-90	R6, R8, R10 Express 1.1	70.00	2.00 2.00 3.50	362 BF 3CR GI 401 SCRP PC GI 055 FV CR 732 FV CR	2C6779 2C6779020	4	STD 0.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
RENAULT												
688 02, 688 10, 688 11 C1E (688.01), C1E 700 C1E 715, C1E 720, C1E 750, C1E 754 C1E 756,C1E 792	4 CYL	1.1 L	1108		1962-98	R4, R5, R6L, , Express Clio I , Rapid Box, Super 5 1.1	70.00	1.75 2.00 3.50	032 BF PC GI 401 SCRP PC GI 055 FV CR 732 FV CR	4652	4	STD
									362 BF 3CR GI 401 SCRP PC GI 055 FV CR 732 FV CR	2C4652	4	STD
B4D	3 CYL	1.0 L	999			Kwid, Sandero, Logan Flex	71.00	1.00 1.20 2.00	398 BF CR S 610 RVT PC GI 993 FV CR 005 FV CR	2C4090 2C409050	3	STD 0.50
H4B 400 H4B 401 H4B 408	3 CYL	0.9 L	898		2012-18	Captur, Clio, Sanderso, Thalia, Twingo	72.20	1.20 1.50 2.00	326 TBF GN SS 410 TFN CR DI 993 FV GN SS 714 GN SS	2N5307	1	STD
H4D 400	3 CYL	1.0 L	999		2014-On	Twingo	72.20	1.20 1.50 2.00	326 TBF GN SS 410 TFN CR DI 993 FV GN SS 714 GN SS	2N5307	1	STD
H5F 400 H5F 402 H5F 403 H5F 404 H5F 408 H5F 412	4 CYL	1.2 L	1197		2013-On	Captur, Clio, Kangoo, Megane, Grnad Scenic,	72.20	1.20 1.50 2.00	326 TBF GN SS 410 TFN CR DI 993 FV GN SS 714 GN SS	2N5307	1	STD
810.01, 810.02, 810.03, 810.05, 810.10, 810.19 810.25, 810.26, 810.96 810.97	4 CYL	1.3 L	1289		1969-84	Estafette, 12 1.3, 10 1.3 R11 1.3, Rodeo 5, 5 Box	73.00	1.75 2.00 4.00	032 BF PC GI 401 SCRP PC GI 056 FV CR 732 FV CR	6870	4	STD
									362 BF 3CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C6870 2C6870010 2C6870030	4	STD 0.25 0.75
C3G 700, C3G 702 C3G 712, C3G 720 C3G 750	4 CYL	1.2 L	1200		1991-98	Clio, Rapid Box, Twigo	74.00	1.50 1.75 3.00	032 BF PC GI 401 SCRP PC GI 054 FV CR 732 FV CR	4988 4988020 4988040	4	STD 0.50 1.00
									362 BF 3CR GI 401 SCRP PC GI 054 FV CR 732 FV CR	2C4988 2C4988010 2C4988020 2C4988030 2C4988040	4	STD 0.25 0.50 0.75 1.00
812E	4 CYL	1.3 L	1255		1967	Gordini 1300, R8	74.50	1.50 1.75 3.00	032 BF PC GI 401 SCRP PC GI 056 FV CR 732 FV CR	4467 4467020	4	STD 0.50
E5F 710, E5F 716 E7F 700, E7F 704 E7F 706, E7F 708 E7F 730, E7F 750	4 CYL	1.2 L	1171		1990-98	Clio, Rapid Box, 19 II	75.80	1.50 1.75 3.00	032 BF PC GI 401 SCRP PC GI 054 FV CR 732 FV CR	4859 4859010	4	STD 0.25
									362 BF 3CR GI 401 SCRP PC GI 054 FV CR 732 FV CR	2C4859 2C4859010 2C4859020	4	STD 0.25 0.50
E6J 700, E6J 712 E6J 713, E6J 718 E7J 624, E7J 634 E7J 718, E7J 719	4 CYL	1.4 L	1390		1988-03	Clio, Kangoo, Megane	75.80	1.50 1.75 3.00	032 BF PC GI 401 SCRP PC GI 054 FV CR 732 FV CR	4859 4859010	4	STD 0.25
									362 BF 3CR GI 401 SCRP PC GI 054 FV CR 732 FV CR	2C4859 2C4859010 2C4859020	4	STD 0.25 0.50
847 700, 847 720 C1J 700, C1J 715 C1J 742, C1J 768 C1J 780, C2J 782 C2J 713, C3J 700	4 CYL	1.4 L	1397		1978-98	Rapid Box, Super 5, Trafic Box, 9 1.4	76.00	1.75 2.00 4.00	102 T PC GI 401 SCRP PC GI 056 FV CR 732 FV CR	4330 4330010 4330020 4330030 4330040	4	STD 0.25 0.50 0.75 1.00
									362 BF 3CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C4330 2C4330010 2C4330020 2C4330040	4	STD 0.25 0.50 1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
RENAULT												
697.01	4 CYL	1.5 L	1469		1968-71	R16 (R1150)	76.00	2.00	102 T PC GI	4266	4	STD
								2.00	401 SCRP PC GI	4266010		0.25
								4.00	058 FV CR	4266020		0.50
									732 FV CR	4266030		0.75
										4266040		1.00
										4266060		1.50
									362 BF 3CR GI	2C4266	4	STD
									401 SCRP PC GI	2C4266010		0.25
									058 FV CR	2C4266020		0.50
									732 FV CR	2C4266030		0.75
										2C4266040		1.00
										2C4266060		1.50
K9K SOHC	4 CYL	1.5 L	1461		2003-14	Clio, Kangoo, Megane, Scenic, Thalia Turbo Diesel	76.00	2.00 2.00 2.50	212 TBF CC DI 214 RVT PC DI 248 CF CR 881 2PCO	2D7296 2D729650	1	STD 0.50
807, 807 03, 807 20, 821, 821 20, 821.03	4 CYL	1.6 L	1565		1968-86	12 1.6 Gordini, 16 1.6 16 1.6 TL, 18 1.6 Incl Turbo	77.00	1.75 2.00 4.00	032 BF PC GI 435 SCRP PC GI 056 FV CR 732 FV CR	6857	4	STD
									362 BF 3CR GI	2C6857	4	STD
									435 SCRP PC GI			
									056 FV CR			
									732 FV CR			
F8M 700, F8M 720 F8M 730, F8M 736 F8M 760	4 CYL	1.6 L	1595		1982-98	R9D, R11D Rapid Box, Super 5 Diesel Eng.	78.00	2.00 2.00 3.00	362 BF 3CR GI 401 SCRP PC GI 054 FV CR 732 FV CR	2C4864	4	STD
841 717, 841 A1M 841.25, 843, 843.05, A1M, A1M 707, A2M 723	4 CYL	1.6 L	1647			16 1.6, 17 1.6, 18 1.6, 20 1.6, Fuego 1.6 Trafic Box	79.00	1.75 2.00 4.00	362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C4448 2C4448020 2C4448030	4	STD 0.50 0.75
K7J, K7J 710	4 CYL	1.4 L	1390		2004-10	Logan, Sandero	79.50	1.50 1.50 2.50	362 BF 3CR GI 126 RVT PC GI 995 FV CR 732 FV CR	2C4313 2C4313010 2C4313020 2C4313030	4	STD 0.25 0.50 0.75
K4M 830, K4M 831, K7M 702, K7M 720, K7M 745,K7M 790	4 CYL	1.6 L	1598		1995-09	Clio, Logan, Kangoo,Megane	79.50	1.50 1.50 2.50	362 BF 3CR GI 126 RVT PC GI 995 FV CR 732 FV CR	2C4313 2C4313010 2C4313020 2C4313030	4	STD 0.25 0.50 0.75
F8Q 606, F8Q 620 F8Q 630, F8Q 640 F8Q 662, F8Q 676 F8Q 706, F8Q 710 F8Q 722, F8Q 730 F8Q 764, F8Q 776	4 CYL	1.9 L	1870		1988-05	Clio, Eclair Kangoo, Megane Rapid Box, 19, 21 Diesel Eng w/ 2pc Oil	80.00	2.00 2.00 3.00	032 BF PC GI 401 SCRP PC GI 054 FV CR 732 FV CR 362 BF 3CR GI 401 SCRP PC GI 204 CF CR DI 881 2PCO	4709 4709020 2D4709 2D470950	4 4	STD 0.50 STD 0.50
F8Q 606, F8Q 620 F8Q 630, F8Q 640 F8Q 662, F8Q 676 F8Q 706, F8Q 710 F8Q 722, F8Q 730 F8Q 764, F8Q 776	4 CYL	1.9 L	1870		1986-05	Clio, Eclair Kangoo, Megane Rapid Box, 19, 21 Diesel Eng	80.00	2.00 2.00 3.00	219 BF PM DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2M5860	1	STD
F9Q 650, F9Q 710, F9Q 717, F9Q 718, F9Q 750 F9Q 756, F9Q 758, F9Q 759, F9Q 80	4 CYL	1.9 L	1870		1997-03	Laguna, Megane,Scénic Diesel Eng	80.00	2.50 2.00 3.00	220 TBF PM DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2M7332	1	STD
F1N 720, F1N 722 F1N 724, F2N 700 F2N 770, F2N 797 F3N 726, F3N 740 F3N 702, F3N 743	4 CYL	1.7 L	1721		1985-95	Clio 1.7 Trafic Box, 9 1.7, 11 1.7 21 Box, 19 I, 19 II	81.00	1.75 2.00 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	4600 4600020 4600030 4600040 4600060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI	2C4600	4	STD
									126 RVT PC GI	2C4600010		0.25
									054 FV CR	2C4600020		0.50
									732 FV CR	2C4600030		0.75
										2C4600040		1.00
F2R, F3R	4 CYL	2.0 L	1965		1992-95		82.00	1.75 2.00 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	4766 4766020 4766030 4766040	4	STD 0.50 0.75 1.00
									362 BF 3CR GI	2C4766	4	STD
									126 RVT PC GI	2C4766020		0.50
									054 FV CR	2C4766030		0.75
									732 FV CR	2C4766040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
RENAULT												
F3R	4 CYL	2.0 L	1965		1987-89	GTA	82.00	1.75 2.00 4.00	362 BF 3CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C7333	4	STD
F3P 670, F3P 678 F3P 710, F3P 712 F3P 714, F3P 720 F3P 724, F3P 754 F3R 722, F3R 722	4 CYL	1.8 L	1794		1990-01	Clio, Laguna	82.70	1.50 1.75 3.00	032 BF PC GI 401 SCRP PC GI 054 FV CR 732 FV CR	4990 4990020	4	STD 0.50
									362 BF 3CR GI 401 SCRP PC GI 054 FV CR 732 FV CR	2C4990 2C4990010 2C4990020 2C4990030 2C4990040	4	STD 0.25 0.50 0.75 1.00
F3R 729, F3R 750	4 CYL	1.9 L	1998		1993-03	Espace, Laguna, Megane	82.70	1.50 1.75 3.00	032 BF PC GI 401 SCRP PC GI 054 FV CR 732 FV CR	4990 4990020	4	STD 0.50
									362 BF 3CR GI 401 SCRP PC GI 054 FV CR 732 FV CR	2C4990 2C4990010 2C4990020 2C4990030 2C4990040	4	STD 0.25 0.50 0.75 1.00
F4R	4 CYL	2.0 L	2000		2004-On	Megane LA1L	82.70	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 934 FV CR 935 FV CR	2C4909 2C4909010 2C4909020 2C4909030 2C4909040	4	STD 0.25 0.50 0.75 1.00
M9R 610, M9R 615 M9R 700, M9R 722 M9R 724, M9R 740 M9R 746, M9R 750 M9R 760, M9R 762	4 CYL	2.0 L	1995		2005-On	Escape, Laguna, Megane, Scenic Turbo Diesel	84.00	2.50 2.00 2.00	211 HKST CC DI 210 SCRP TF PC DI 248 CF CR 881 2PCO	2D7343 2D734350	1	STD 0.50
J8S	4 CYL	2.1 L	2068		1991-96	18, 20, 21, 30, 2.1 Turbo-D30, Espace,Safrane Turbo Diesel	86.00	2.50 2.50 3.00	372 FKST CR DI 401 SCRP PC GI 204 CF CR DI 881 2PCO	2D5043	4	STD
G8T 706, G8T 752 G8T 790, G8T 792 G8T 794 DOHC	4 CYL	2.2 L	2188		1993-01	Laguna Laguna Grandtour Diesel Eng	87.00	2.50 1.75 2.50	220 TBF PM DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2M7298	1	STD
G9T 600, G9T 605 G9T 606, G9T 607 G9T 642, G9T 645 G9T 700, G9T 750	4 CYL	2.2 L	2188		2000-On	Espace, Laguna II, Master II, Vel Satis Turbo Diesel	87.00	3.00 1.75 2.50	228 HKST PM DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2M7349	1	STD
J5R, J6R,	4 CYL	2.0 L	1995		1980-89	21, Espace,Fuego	88.00	1.75 2.00 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	4257	4	STD
									327 BF PM GI 126 RVT PC GI 056 FV CR 732 FV CR	2M4257 2M4257010	4	STD 0.25
829 730, J7R, J7T	4 CYL	2.2 L	2165		1985-89	20, 25	88.00	1.75 2.00 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	4257	4	STD
									327 BF PM GI 126 RVT PC GI 056 FV CR 732 FV CR	2M4257 2M4257010	4	STD 0.25
112, Z7V 708, Z7V 709, Z7V 711 Z7V-140	6 CYL	2.7 L	2664		1975-89	R25, 30 R30 TS, R30 TX	88.00	1.50 2.00 4.00	362 BF 3CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C4488 2C4488030	6	STD 0.75
G9U 630, G9U 632, G9U 650 Euro 4	4 CYL	2.5 L	2463		2001-On	Master, Trafic Turbo Diesel	89.00	3.00 1.75 2.50	228 HKST PM DI 218 TF PC DI 204 CF CR DI 881 2PCO	2M7328	1	STD
G9U 720, G9U 724 G9U 730, G9U 750 G9U 754 Euro 3	4 CYL	2.5 L	2463		2000-06	Master, Trafic Turbo Diesel	89.00	2.50 1.75 2.50	230 TBF PM DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2M7423	1	STD
8140.61.2300 8140.61.240 S8U 720, S8U 722 S8U 730, S8U 731	4 CYL	2.4 L	2445		1981-On	Master, Trafic Diesel Eng	93.00	3.00 2.00 4.00	376 BF CR DI 401 SCRP PC GI 200 CF PC GI 881 2PCO	2D9384	4	STD

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
RENAULT												
8140.63.2585 Euro 2	4 CYL	2.8 L	2798			Turbo Diesel	94.40	3.00 2.00 2.50	225 FKST CR DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2C7449	1	STD
S9W 700/S9W 702 Through-Eng.2572279	4 CYL	2.8 L	2799		1998-01	Master II Turbo Diesel	94.40	3.00 2.00 3.00	225 FKST CR DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2C7353	1	STD
S9W 700/S9W 702 Eng.2572280-ON	4 CYL	2.8 L	2799		1998-01	Master II Turbo Diesel	94.40	2.50 2.00 2.50	233 FKST PM DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2M7450	1	STD
D225, D325	2 CYL	1.7 L	1700		1967-81	R6 Diesel Eng	95.00	3.00 3.00 3.00 5.00	232 HKST CR DI 206 TF PC DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2C7437	1	STD

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
ROVER												
12 A2B, A Series A+ Series (12 A2D) A+ Series (12 A2E) A+ Series (12 H)	4 CYL	1.3 L	1275		1991-01	Mini, Mini 1300, Maestro, Mini Cooper	70.62	1.49 1.49 4.00	032 BF PC GI 406 N PC DI 200 CF PC GI 881 2PCO	5800 580050 5800100 5800150	4	STD 0.50 1.00 1.50
12 A2B, A Series A+ Series (12 A2D) A+ Series (12 A2E) A+ Series (12 H)	4 CYL	1.3 L	1275		1991-01	Mini, Mini 1300, Maestro, Mini Cooper	70.62	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	4355 4355020 4355040 4355060	4	STD 0.50 1.00 1.50
	4 CYL	1.1 L	1120		1990-On	Metro, L, S	75.00	1.20 1.50 3.00	398 BF CR S 435 SCRP PC GI 054 FV CR 732 FV CR	2C4962 2C4962020 2C4962030 2C4962040	4	STD 0.50 0.75 1.00
DOHC	4 CYL	1.4 L	1396		1990-On	Metro, GS, GTA, GTi, GLi, Si, SL, SLi,	75.00	1.20 1.50 3.00	398 BF CR S 435 SCRP PC GI 054 FV CR 732 FV CR	2C4962 2C4962020 2C4962030 2C4962040	4	STD 0.50 0.75 1.00
16 K4F (K Series)	4 CYL	1.6 L	1588		1995-05	25 1.6, 45, 200, 400	80.00	1.00 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C4623	2	STD
18 K4F, 18 K4K	4 CYL	1.8 L	1796		1995-05	25 1.8, 75 1.8, 200,400	80.00	1.00 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C4623	2	STD
XUD9A, XUD9B XUD9L, XUD9Y	4 CYL	1.9 L	1905		1991-95	218 D, 418 D/SD/SLD Diesel Eng	83.00	2.00 2.00 3.00	239 BF CC DI 123 RVT PC DI 204 CF CR DI 881 2PCO	2D7435 2D743525 2D743550	1	STD 0.25 0.50
M 47 R	4 CYL	2.0 L	1951		1999-07	75 2.0 Turbo Diesel	84.00	3.00 2.00 3.00	221 FKST CC DI 406 N PC DI 203 CF GN SS 881 2PCO	2D7279 2D727925	1	STD 0.25
M 57 D30	6 CYL	2.9 L	2926		1999-07	Turbo Diesel	84.00	3.00 2.00 3.00	221 FKST CC DI 406 N PC DI 203 CF GN SS 881 2PCO	2D7279 2D727925	1	STD 0.25
20 T2R, 20 T2N	4 CYL	2.0 L	1994		1994-05	25, 45, 200, 400,600	84.45	3.00 2.00 3.00	378 FKST BF CC DI 406 N PC DI 553 CF CR GI 881 2PCO	2D7803 2D780350	1	STD 0.50
14 P/15 P, TD5 (10P)	5 CYL	2.5 L	2495		1998-04	Defender	84.45	3.00 2.00 3.00	378 FKST BF CC DI 406 N PC DI 553 CF CR GI 881 2PCO	2D7803 2D780350	1	STD 0.50
224DT	4 CYL	2.2 L	2179		2006-On	Land Rover LR2, Discovery Diesel Eng	85.00	2.50 2.00 2.00	273 FKST BF CC DI 126 RVT PC GI 248 CF CR 881 2PCO	2D7549 2D754925 2D754950	4	STD 0.25 0.50
	4 CYL				1958-59	Land Rover Diesel Eng	85.72	2.38 2.38 2.38 4.75 4.75	102 T PC GI 102 T PC GI 102 T PC GI 871 FV CR 732 FV CR 501 1PCO PC GI	5960	4	STD
204PT	4 CYL	2.0 L	1999		2011-On	Discovery, LR2, Range Rover Evoque	87.50	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C5282 2C528250 2C528275 2C5282100	4	STD 0.50 0.75 1.00
									326 TBF GN SS 126 RVT PC GI 993 FV CR 005 FV CR	2N5282 2N528250	4	STD 0.50
Vin:5 Jaguar Eng.	8 CYL	4.4 L	4394		2006-09		88.00	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C4437	8	STD

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
ROVER												
11 D, 24 D,25 D 30 A, 31 A, 38 A	8 CYL	3.5 L	3500		1969-73	2000- 3500 Range Rover Vogue	88.90	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	652 652030 652040 652060	8	STD 0.75 1.00 1.50
									363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C652 2C652010 2C652020 2C652030 2C652040	8	STD 0.25 0.50 0.75 1.00
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M652 2M652030 2M652040	8	STD 0.75 1.00
	8 CYL	3.5 L	3528		1977-89	SD1 Range Rover	88.90	1.60 1.60 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	4289 4289020 4289030	8	STD 0.50 0.75
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4289 2C4289020 2C4289030	8	STD 0.50 0.75
244DT (Duratorq)	4 CYL	2.4 L	2402		2007-On	Turbo Diesel	89.90	2.00 2.00 2.00	205 BF CR DI 234 SCRP TF PC DI 248 CF CR 881 2PCO	2D7377 2D737750	1	STD 0.50
	4 CYL	2.3 L	2250		1962-64	Diesel Eng	90.49	2.38 2.38 2.38 4.75 4.75	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	6786 6786040	4	STD 1.00
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 553 CF CR GI 881 2PCO 501 1PCO PC GI	2D6786 2D678625 2D678650 2D678675 2D6786100 2D6786150	4	STD 0.25 0.50 0.75 1.00 1.50
80	4 CYL 4 CYL 4 CYL	2.3 L	2286		1958-81	88, 109, 110 Gas Eng.	90.50	1.75 1.75 4.75	032 BF PC GI 126 RVT PC GI 871 FV CR 732 FV CR	5928	4	STD
									362 BF 3CR GI 126 RVT PC GI 871 FV CR 732 FV CR	2C5928 2C5928010 2C5928020 2C5928030 2C5928040	4	STD 0.25 0.50 0.75 1.00
	4 CYL	2.3 L	2250		1958-62	Land rover Series II 88, 109, rover 80 4 Ring Piston	90.50	1.75 1.75 4.75 4.75	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C6834 2C6834020 2C6834030 2C6834040	4	STD 0.50 0.75 1.00
16 L, 17L, 19L, 23L (300 Tdi)	4 CYL	2.4 L	2495		1986-98	Defender, Discovery Diesel Eng	90.50	3.00 2.50 3.00	222 FKST CC DI 435 SCRP PC GI 553 CF CR GI 881 2PCO	2D4513	4	STD
12J	4 CYL	2.5 L	2495		1984-On	90, 110 Diesel Eng	90.50	2.00 2.00 4.00	363 BF CR GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D4620 2D462050 2D4620100 2D4620150	4	STD 0.50 1.00 1.50
HR 492 HT	4 CYL	2.4 L	2392		1990-99	800, 825 D/SD Diesel Eng	92.00	2.50 2.00 4.00	225 FKST CR DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
492 4 SHIRG	4 CYL	2.5 L	2500		1982-86	Diesel Eng	92.00	2.50 2.00 4.00	225 FKST CR DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
M62 BMW Eng.	8 CYL	4.4 L	4398		2003-05	Alusil bore use 2C5296	92.00	1.50 1.50 2.00	363 BF CR GI 401 SCRP PC GI 991 FV CR 005 FV CR	2C5296	8	STD
									335 T PM DI 126 RVT PC GI 991 FV CR 005 FV CR	2M5296 2M5296020	8	STD 0.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
ROVER												
LR-V8	8 CYL	5.0 L	4999		2009-18	Discovery, Defender Range Rover Sport	92.50	1.20 1.50 2.00	398 BF CR S 401 SCRP PC GI 991 FV CR 005 FV CR	2C4147 2C4147020	8	STD 0.50
35D, 36D , 37D , 38D	8 CYL	4.0 L	3950		1988-98	Land Rover EFI, Vogue	94.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 005 FV CR	4930 4930020 4930030 4930040	8	STD 0.50 0.75 1.00
									327 BF PM GI 126 RVT PC GI 872 FV CR 005 FV CR	2M4930 2M4930020 2M4930030 2M4930040 2M4930060	8	STD 0.50 0.75 1.00 1.50
42D	8 CYL	4.0 L	4000		1994-02	Land Rover V-8	94.00	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 872 FV CR 005 FV CR	2C4998 2C4998020	8	STD 0.50
40D	8 CYL	4.3 L	4250		1993-95	Land Rover EFI, Vogue	94.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 005 FV CR	4930 4930020 4930030 4930040	8	STD 0.50 0.75 1.00
									327 BF PM GI 126 RVT PC GI 872 FV CR 005 FV CR	2M4930 2M4930020 2M4930030 2M4930040 2M4930060	8	STD 0.50 0.75 1.00 1.50
46D	8 CYL	4.6 L	4600		1994-02	Land Rover V-8	94.00	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 872 FV CR 005 FV CR	2C4998 2C4998020	8	STD 0.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
SAAB												
Z 19 DTH, Z 19 DTJ	4 CYL	1.9 L	1910		2004-10	3-Sep Turbo Diesel	82.00	2.00 2.00 2.00	205 BF CR DI 214 RVL PC DI 248 CF CR 881 2PCO	2D7366 2D736640 2D736660	1	STD 0.40 0.60
A 20 DTH, A 20 DTR	4 CYL	2.0 L	1956		2010-On	9-5 2.0 TiD, 9-5 2.0 TTiD 9-5 2.0 TTiD XWD Diesel Eng Turbo Intercooled	83.00	1.50 1.50 2.00	239 BF CC DI 406 N PC DI 553 CF CR GI 881 2PCO	2D7528 2D752840	4	STD 0.40
	4 CYL	2.0 L	1998		2004-13	B207	86.00	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5130 2C5130010 2C5130020 2C5130030 2C5130040	4	STD 0.25 0.50 0.75 1.00
									322 BF GN SS 435 SCRP PC GI 995 FV CR 732 FV CR	2N5130 2N513050	4	STD 0.50
	4 CYL	1.9 L	1854		1970-73	Model 99 3 Ring Piston	87.00	1.75 2.00 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	5497 5497040	4	STD 1.00
	4 CYL	2.0 L	1985	121	1972-85	99L, 900, 900EMS incl. Turbo	90.00	1.75 2.00 4.00	032 BF PC GI 401 SCRP PC GI 860 FV CR 732 FV CR	5562	4	STD
									362 BF 3CR GI 401 SCRP PC GI 860 FV CR 732 FV CR	2C5562 2C5562020	4	STD 0.50
	4 CYL	2.0 L	1998	121	2000-03	Model 9-3 B205 SE L4	90.00	1.50 1.50 2.50	335 T PM DI 126 RVT PC GI 995 FV CR 732 FV CR	2M4197	4	STD
	4 CYL	2.3 L	2290		2000-05	Model 9-5 B235 SAA Aero, Linear, Viggen	90.00	1.50 1.50 2.50	335 T PM DI 126 RVT PC GI 995 FV CR 732 FV CR	2M4197	4	STD
	4 CYL	2.1 L	2100		1991-On	B212, 900, S	93.00	1.75 2.00 3.00	363 BF CR GI 126 RVT PC GI 997 FV CR 732 FV CR	2C4997	4	STD
SCANIA												
DC 9 (DOOSAN) DC 9.11 Euro 3 DC 9.12 Euro 3 DC 9.13 Euro 3 DC 9.16 Euro 4 DC 9.17 Euro 4 DC 9.18 Euro 4 DC 9.19 DC 9.20 Euro 3 DC 9.21 Euro 3 DC 9.60 A 177 Euro 2 DC 9.60 A 199 Euro 2 DC 9.60 A 228 Euro 2 DC 9.60 A 243 Euro 2 DC 9.61 A 228 Euro 3 DC 9.61 A 243 Euro 3 DC 9.62 A Euro 3 DC 9.63 A Euro 3 DC 9.64 A 177 Euro 3 DC 9.64 A 199 Euro 3 DC 9.65 A Euro 3 DC 9.68 A Euro 3 DC 9.69 A Euro 3	5 CYL	8.8 L	8870			Diesel Eng.	127.00	3.50 2.39 3.50	378 FKST BF CC DI 135 T PC GI 553 2PCO CR GI	2D7087	1	STD
DC 11.01 Euro 2 DC 11.02 Euro 2 DC 11.03 Euro 3 DC 11.04 Euro 3 DC 11.06 Euro 3 DC 11.07 Euro 2 DC 11.08 Euro 3 DC 11.09 Euro 3	6 CYL	10.6 L	10640			Diesel Eng.	127.00	3.50 2.39 3.50	378 FKST BF CC DI 135 T PC GI 553 2PCO CR GI	2D7087	1	STD
DN 11.06 B DSC 11 (Gas) DSC 11 Euro 2	6 CYL	11.0 L	11022			Diesel Eng.	127.00	3.50 2.39 3.50	378 FKST BF CC DI 135 T PC GI 553 2PCO CR GI	2D7087	1	STD

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
SCANIA												
DC 12 DC 12.01 Euro 3 DC 12.02 DC 12.03 Euro 3 DC 12.09 Euro 3 DSC 12 Gas DSC 12.01 Euro 2 DSC 12.02 Euro 2 DSC 12.03 Euro 2 DSC 12.05 Euro 2 DT 12 Euro 3 DT 12.02 Euro 3	6 CYL	11.7 L	11716			Diesel Eng.	127.00	3.50 2.39 3.50	378 FKST BF CC DI 135 T PC GI 553 2PCO CR GI	2D7087	1	STD
DC 16 Gas DC 16.02 Euro 3	8 CYL	15.6 L	15600			Diesel Eng.	127.00	3.50 2.39 3.50	378 FKST BF CC DI 135 T PC GI 553 2PCO CR GI	2D7087	1	STD
SEAT												
CBZA, CBZB, CJZA CJZD, CBZD, CYVA	4 CYL	1.2 L	1197		2010-18	Ibiza, Leon, Toledo	71.00	1.20 1.20 2.00	322 BF GN SS 236 TF CR DI 987 FV GN SS 714 GN SS	2N4126 2N412625 2N412650	4	STD 0.25 0.50
021 A.1000	4 CYL	1.2 L	1193		1983-93	Ibiza, Malage, Ronda	75.00	1.50 1.75 4.00	032 BF PC GI 401 SCRP PC GI 056 FV CR 732 FV CR	4714 4714010 4714020 4714030 4714040	4	STD 0.25 0.50 0.75 1.00
									363 BF CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C4714 2C4714020	4	STD 0.50
CAVA, CAVE, CAVF, CNWB, CTHA, CTHE	4 CYL	1.4 L	1390		2009-12	Alhambra, Ibiza	76.50	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C5391 2C5391020	4	STD 0.50
									322 BF GN SS 126 RVT PC GI 987 FV GN SS 714 GN SS	2N5391 2N539125 2N539150	4	STD 0.25 0.50
CAXA, CAXC, CFNA	4 CYL	1.4 L	1390		2008-13	Altea, Leon, Toledo 16V Incl. Turbo	76.50	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C5438 2C543850	4	STD 0.50
									322 BF GN SS 126 RVT PC GI 993 FV CR 005 FV CR	2N5438 2N543825 2N543850	4	STD 0.25 0.50
BTS	4 CYL	1.6 L	1598		1999-10	Altea, Leon, Toledo 16V Incl. Turbo	76.50	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C5438 2C543850	4	STD 0.50
									322 BF GN SS 126 RVT PC GI 993 FV CR 005 FV CR	2N5438 2N543825 2N543850	4	STD 0.25 0.50
AMF, BMS, BNM, BNV	3 CYL	1.4 L	1422		2000-10	Arosa, Corodoba, Ibiza Diesel Eng	79.50	1.75 2.00 3.00	205 BF CR DI 126 RVT PC GI 204 CF CR DI 881 2PCO	2D5854 2D585425 2D585450 2D5854100	1	STD 0.25 0.50 1.00
AHB, AKU	4 CYL	1.8 L	1716		1997-04	Arosa, Cordoba, Inca Diesel Eng	79.50	1.75 2.00 3.00	205 BF CR DI 126 RVT PC GI 204 CF CR DI 881 2PCO	2D5854 2D585425 2D585450 2D5854100	1	STD 0.25 0.50 1.00
1Z, 1Y, AAZ, AEF, AEY, AFN, AGP, AGR, AHF, AHU, AKU, ALH, ANU, AQM, ARL, ASK, ASV, ASY, ASZ, ATD, AUY, AVG, AXR, AYQ, BJB, BKC, BLS, BLT, BMT, BPX, BTB, BUK, BVK, BXE, BXF, BXJ	4 CYL	1.9 L	1896		1991-10	Alhambra, Cordoba, Ibiza, Inca, Leon, Pony, Toledo Diesel Eng	79.50	1.75 2.00 3.00	205 BF CR DI 126 RVT PC GI 204 CF CR DI 881 2PCO	2D5854 2D585425 2D585450 2D5854100	1	STD 0.25 0.50 1.00
CKFB, CKFC, CRVA, CRVC, CUNA, CUPA	4 CYL	2.0 L	1968		2012-on	Leon,Octavia Diesel Eng TDI	81.00	1.75 2.00 2.00	363 BF CR GI 130 RVT PC GI 203 CF GN SS 881 2PCO	2C7487	1	STD

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
SEAT												
CDAA, CDHA, CDHB, CJSA, CJSB	4 CYL	1.8 L	1798		2005-15	TSI	82.50	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR S 005 FV CR	2C5385 2C538550	4	STD 0.50
									322 BF GN SS 406 N PC DI 248 CF CR 881 2PCO	2N5385 2N538550	4	STD 0.50
CCZA, CCZB, CJXE, DEDA	4 CYL	2.0 L	1984		2005-15	TSI	82.50	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR S 005 FV CR	2C5385 2C538550	4	STD 0.50
									322 BF GN SS 406 N PC DI 248 CF CR 881 2PCO	2N5385 2N538550	4	STD 0.50
BLR, BLY, BVY, BVZ, BWA	4 CYL	2.0 L	1984		2004-10	Altea, Leon, Toledo	82.50	1.20 1.50 2.00	322 BF GN SS 406 N PC DI 248 CF CR 881 2PCO	2N4144	1	STD
021.A.2000	4 CYL	1.5 L	1461		1985-On	Ibiza, Malage, Porsche, Ronda	83.00	1.50 1.75 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	4614	4	STD
									362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C4614 2C4614008 2C4614016	4	STD 0.20 0.40
SKODA												
1000MB 742.1	4 CYL 4 CYL	1.0 L 1.0 L	988 #####		1965-71 1976-90	S100, S100 L 105, 120 1.0 105 S, L, GL	68.00	2.00 2.00 4.00	362 BF 3CR GI 401 SCRP PC GI 058 FV CR 732 FV CR	2C4422	4	STD
CBZA, CBZB, CJZA CJZC, CBZB, CYVA	4 CYL	1.2 L	1197		2010-18	Octavia III, Rapid, Roomster, Yeti	71.00	1.20 1.20 2.00	322 BF GN SS 236 TF CR DI 987 FV GN SS 714 GN SS	2N4126 2N412625 2N412650	4	STD 0.25 0.50
1200MB, 742.12 X	4 CYL	1.1 L	1174		1967-90	S120 Rapid 105, 120 1.2 120 GLS	72.00	2.00 2.00 4.00	362 BF 3CR GI 401 SCRP PC GI 058 FV CR 732 FV CR	2C4424 2C4424030	4	STD 0.75
136B, 781.135 781.135E, AMG	4 CYL	1.3 L	1300		1990-02	Favorit 1.3 Felicia Favorit Forman	75.50	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4863 4863020 4863030 4863040	4	STD 0.50 0.75 1.00
									363 BF CR GI 126 RVT PC GI 872 FV CR 732 FV CR	2C4863 2C4863010 2C4863020 2C4863030 2C4863040 2C4863060	4	STD 0.25 0.50 0.75 1.00 1.50
136M, 742.13, 781.136 AMH, AMJ	4 CYL	1.3 L	1289		1994-02	Felicia	75.50	1.50 1.50 3.00	376 BF CR DI 126 RVT PC GI 054 FV CR 732 FV CR	2C4146	4	STD
AMD, AME, AQW ATZ, AZE, AZF	4 CYL	1.4 L	1397		2000-03	Fabia	75.50	1.50 1.50 3.00	376 BF CR DI 126 RVT PC GI 054 FV CR 732 FV CR	2C4146	4	STD
CAVE, CTHE	4 CYL	1.4 L	1397		2010-on	Fabia Turbo Super Charged	76.50	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C5391 2C5391020	4	STD 0.50
									322 BF GN SS 126 RVT PC GI 987 FV GN SS 714 GN SS	2N5391 2N539125 2N539150	4	STD 0.25 0.50
CAXA, CAXC, CFNA	4 CYL	1.4 L	1390		2008-13	Octavia, Rapid, Superb, Yeti	76.50	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C5438 2C543850	4	STD 0.50
									322 BF GN SS 126 RVT PC GI 993 FV CR 005 FV CR	2N5438 2N543825 2N543850	4	STD 0.25 0.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
SKODA												
BLF, BTS	4 CYL	1.6 L	1598		2004-08	Octavia	76.50	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C5438 2C543850	4	STD 0.50
									322 BF GN SS 126 RVT PC GI 993 FV CR 005 FV CR	2N5438 2N543825 2N543850	4	STD 0.25 0.50
AYM, BDG	4 CYL	2.5 L	2496		2001-08	Superb 2.5 Turbo Diesel	78.30	1.75 2.00 3.00	205 BF CR DI 214 RVT PC DI 204 CF CR DI 881 2PCO	2D7284	1	STD
AMF, BMS, BNM, BNV,	3 CYL	1.4 L	1422		2003-10	Fabia, Octavia, Roomster Diesel Eng	79.50	1.75 2.00 3.00	205 BF CR DI 126 RVT PC GI 204 CF CR DI 881 2PCO	2D5854 2D585425 2D585450 2D5854100	1	STD 0.25 0.50 1.00
AEF, AEY, AGP, AGR, AHF, ALH, AQM, ASV, ASY, ASZ, ATD, AVB, AVF, AWX, AXR, BJB, BKC, BLS, BLT, BSW, BXE	4 CYL	1.8 L	1896		1995-11	Fabia, Felicia, Octavia, Roomster, Superb Diesel Eng	79.50	1.75 2.00 3.00	205 BF CR DI 126 RVT PC GI 204 CF CR DI 881 2PCO	2D5854 2D585425 2D585450 2D5854100	1	STD 0.25 0.50 1.00
CKFB, CKFC, CUPA CRLB, CUNA, CUUB DBGA, DFCA	4 CYL	2.0 L	1968		2012-17	Octavia, Yeti Diesel Eng	81.00	1.75 2.00 2.00	363 BF CR GI 130 RVT PC GI 203 CF GN SS 881 2PCO	2C7487	1	STD
AZV, BKD, BMM, BMN, BMP, BSS	4 CYL	2.0 L	1968		2004-09	Octavia Superb Turbo Diesel	81.00	1.75 2.00 3.00	205 BF CR DI 130 RVT PC GI 204 CF CR DI 881 2PCO	2D7282 2D728250	1	STD 0.50
CDAA, CDAB, CJSA, CJSB, CJSC	4 CYL	1.8 L	1798		2005-15	Octavia, Superb. Yeti	82.50	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR S 005 FV CR	2C5385 2C538550	4	STD 0.50
									322 BF GN SS 406 N PC DI 248 CF CR 881 2PCO	2N5385 2N538550	4	STD 0.50
CCZA, CHHA, CHHB,	4 CYL	2.0 L	1984		2005-15	Octavia, Superb. Yeti	82.50	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR S 005 FV CR	2C5385 2C538550	4	STD 0.50
									322 BF GN SS 406 N PC DI 248 CF CR 881 2PCO	2N5385 2N538550	4	STD 0.50
BLR, BLY, BVY, BVZ, BWA	4 CYL	2.0 L	1984		2004-10	Altea, Leon, Toledo	82.50	1.20 1.50 2.00	322 BF GN SS 406 N PC DI 248 CF CR 881 2PCO	2N4144	1	STD
SMART												
M 160 E6AL B03, M 160 E6AL B04, M 160 E6AL B05	3 CYL	0.6 L	599		1998-04	Cabrio, City-Coupe	63.50	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C7432 2C743225 2C743250	3	STD 0.25 0.50
M 160.910, M 160.922, M 160.923, M 160.921	3 CYL	0.7 L	698		2003-07	Cabrio, City-Coupe	66.50	1.20 1.20 2.50	322 BF GN SS 406 N PC DI 987 FV GN SS 714 GN SS	2N7434 2N743425 2N743450	3	STD 0.25 0.50
M 132.910	3 CYL	1.0 L	999		2007-On	Fortwo	72.00	1.00 1.20 2.00	322 BF GN SS 406 N PC DI 987 FV GN SS 714 GN SS	2N4079 2N407925 2N407950	3	STD 0.25 0.50
M 132.910	3 CYL	1.0 L	999		2007-On	Fortwo	72.00	1.00 1.00 2.00	322 BF GN SS 123 RVT PC DI 987 FV GN SS 714 GN SS	2N4149 2N414925 2N414950	3	STD 0.25 0.50
H4B 409	3 CYL	0.9 L	898		2014-On	Fortwo	72.20	1.20 1.50 2.00	326 TBF GN SS 410 TFN CR DI 993 FV GN SS 714 GN SS	2N5307	1	STD
M 281.910 M 281.920	3 CYL	1.0 L	999		2014-On	Fortwo, Forfour	72.20	1.20 1.50 2.00	326 TBF GN SS 410 TFN CR DI 993 FV GN SS 714 GN SS	2N5307	1	STD

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
SSANGYONG												
D20DT DOHC	4 CYL	2.0 L	1998			16v Diesel Eng	86.20	2.50 2.00 3.00	227 FKST CR DI 202 TTF PC DI 204 CF CR DI 881 2PCO	2C7498	1	STD
OM601.940	4 CYL	2.3 L	2299		1995-On	Diesel Eng	89.00	2.50 2.00 3.00	244 TBF CR DI 229 TTF PC DI 204 CF CR DI 881 2PCO	2C7292	1	STD
OM662, OM 662.940	5 CYL	2.9 L	2874		1996-On	Diesel Eng	89.00	2.50 2.00 3.00	244 TBF CR DI 229 TTF PC DI 204 CF CR DI 881 2PCO	2C7292	1	STD
M 111.970, M 111.974, M 161.970, M 161.974	4 CYL	2.3 L	2295		1997-201(	Chairman, Korando, Musso, Actyon, Kyron	90.90	1.50 1.75 3.00	326 TBF GN SS 406 N PC DI 203 CF GN SS 881 2PCO	2N7442 2N744225 2N744250	4	STD 0.25 0.50
STUDEBAKER												
	6 CYL	3.7 L	3703	226	1939-50	14A, 15A, 16A, 17A,	84.14	2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	473 473030	6	STD 0.75
	6 CYL	4.0 L	4031	246	1939-63	9A, 10A, 11A, 12A, #81539-on	84.14	2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	473 473030	6	STD 0.75
	8 CYL	3.8 L	3818	233	1951-54	Models H, 3H, 4H, Commander 5H	85.73	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	474	8	STD
	6 CYL	3.2 L	3179	194	1965-66		90.49	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	666 666020 666060	6	STD 0.50 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C666 2C666060	6	STD 1.50
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M666 2M666060	6	STD 1.50
	8 CYL	3.7 L	3671	224	1955-64	Avanti 63R Golden Hawk	90.49	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	630 630060	8	STD 1.50
	8 CYL	4.2 L	4244	259	1955-64	Avanti 63R Golden Hawk	90.49	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	630 630060	8	STD 1.50
	8 CYL	4.7 L	4736	289	1955-64	Avanti 63R Golden Hawk	90.49	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	630 630060	8	STD 1.50
	6 CYL	3.8 L	3769	230	1966		98.43	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	667 667010 667020 667030 667040 667060 667080	6	STD 0.25 0.50 0.75 1.00 1.50 2.00
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C667 2C667010 2C667020 2C667030 2C667040 2C667060 2C667080	6	STD 0.25 0.50 0.75 1.00 1.50 2.00
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M667 2M667010 2M667020 2M667030 2M667040 2M667060 2M667080	6	STD 0.25 0.50 0.75 1.00 1.50 2.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
STUDEBAKER												
	8 CYL	4.6 L	4638	283	1965-66		98.43	2.00	032 BF PC GI	660	8	STD
								2.00	126 RVT PC GI	660010		0.25
								4.75	860 FV CR	660020		0.50
									732 FV CR	660030		0.75
										660040		1.00
										660060		1.50
										660080		2.00
									363 BF CR GI	2C660	8	STD
									126 RVT PC GI	2C660010		0.25
									860 FV CR	2C660020		0.50
									732 FV CR	2C660030		0.75
										2C660040		1.00
										2C660060		1.50
										2C660080		2.00
									327 BF PM GI	2M660	8	STD
									126 RVT PC GI	2M660010		0.25
									860 FV CR	2M660020		0.50
									732 FV CR	2M660030		0.75
										2M660040		1.00
										2M660060		1.50
										2M660080		2.00
	8 CYL	5.8 L	5768	352	1956	Golden Hawk 56J	101.60	2.00	032 BF PC GI	139	8	STD
								2.00	126 RVT PC GI	139010		0.25
								4.75	860 FV CR	139020		0.50
									732 FV CR	139030		0.75
										139040		1.00
										139060		1.50
										139070		1.75
										139080		2.00
										139100		2.50
									362 BF 3CR GI	2C139	8	STD
									126 RVT PC GI	2C139010		0.25
									860 FV CR	2C139020		0.50
									732 FV CR	2C139030		0.75
										2C139040		1.00
										2C139060		1.50
										2C139070		1.75
										2C139080		2.00
									397 BF PM S	2M139	8	STD
									126 RVT PC GI	2M139005		0.13
									860 FV CR	2M139010		0.25
									732 FV CR	2M139020		0.50
										2M139030		0.75
										2M139040		1.00
										2M139060		1.50
										2M139070		1.75
										2M139080		2.00
										2M139100		2.50
SUBARU												
Z13DT	4 CYL	1.3 L	1248		2003-On	Justy Diesel Eng	69.60	2.00	205 BF CR DI	2D7101	1	STD
								1.50	206 TF PC DI	2D710140		0.40
								2.00	248 CF CR	2D710160		0.60
									881 2PCO			
A12	4 CYL	1.0 L	997		1967-69	Subaru 1000	72.00	2.00	362 BF 3CR GI	2C6752	4	STD
								2.00	401 SCRP PC GI			
								4.00	056 FV CR			
									732 FV CR			
EK23	2 CYL	0.5 L	544			Rex, Sanba	76.00	1.50	032 BF PC GI	6153	2	STD
								1.50	126 RVT PC GI	6153010		0.25
								2.80	861 FV CR	6153020		0.50
									732 FV CR	6153030		0.75
										6153040		1.00
									362 BF 3CR GI	2C6153	2	STD
									126 RVT PC GI	2C6153010		0.25
									861 FV CR	2C6153020		0.50
									732 FV CR	2C6153030		0.75
										2C6153040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
SUBARU												
EA61	4 CYL	1.1 L	1088		1970-72	Subaru FF-1, Star and Subaru G	76.00	2.00	102 T PC GI	4266	4	STD
								2.00	401 SCRP PC GI	4266010		0.25
								4.00	058 FV CR	4266020		0.50
									732 FV CR	4266030		0.75
										4266040		1.00
										4266060		1.50
									362 BF 3CR GI	2C4266	4	STD
									401 SCRP PC GI	2C4266010		0.25
									058 FV CR	2C4266020		0.50
									732 FV CR	2C4266030		0.75
										2C4266040		1.00
										2C4266060		1.50
EK42	2 CYL	0.7 L	700			Subaru Rex, Sambar/700	78.00	1.20	398 BF CR S	2C4692	2	STD
								1.50	126 RVT PC GI	2C4692020		0.50
								2.80	861 FV CR	2C4692030		0.75
									732 FV CR	2C4692040		1.00
EF10	3 CYL	1.0 L	997		1983-95	Justy	78.00	1.20	398 BF CR S	2C4778	3	STD
								1.50	126 RVT PC GI	2C4778010		0.25
								2.80	861 FV CR	2C4778020		0.50
									732 FV CR	2C4778030		0.75
										2C4778040		1.00
EF12	3 CYL	1.2 L	1189		1987-93	Justy	78.00	1.20	398 BF CR S	2C4778	3	STD
								1.50	126 RVT PC GI	2C4778010		0.25
								2.80	861 FV CR	2C4778020		0.50
									732 FV CR	2C4778030		0.75
										2C4778040		1.00
EA62, E62S	4 CYL	1.3 L	1267		1971-73	1300DL, GL	82.00	2.00	032 BF PC GI	4294	4	STD
								2.00	126 RVT PC GI	4294020		0.50
								4.00	056 FV CR	4294030		0.75
									732 FV CR	4294040		1.00
										4294060		1.50
									362 BF 3CR GI	2C4294	4	STD
									126 RVT PC GI	2C4294010		0.25
									056 FV CR	2C4294020		0.50
									732 FV CR	2C4294030		0.75
										2C4294040		1.00
										2C4294060		1.50
EA65	4 CYL	1.3 L	1298		1979-91	Leone, Loyale II 1300	83.00	1.20	398 BF CR S	2C4446	4	STD
								1.50	126 RVT PC GI	2C4446010		0.25
								4.00	056 FV CR	2C4446020		0.50
									732 FV CR	2C4446030		0.75
										2C4446040		1.00
	4 CYL	1.4 L	1361		1973-76	1400 DL, GF, GL	85.00	2.00	032 BF PC GI	6872	4	STD
								2.00	401 SCRP PC GI	6872020		0.50
								4.00	056 FV CR	6872030		0.75
									732 FV CR	6872040		1.00
										6872060		1.50
									362 BF 3CR GI	2C6872	4	STD
									401 SCRP PC GI	2C6872020		0.50
									056 FV CR	2C6872030		0.75
									732 FV CR	2C6872040		1.00
										2C6872060		1.50
EJ18	4 CYL	1.8 L	1820		1993-On	Impreza	87.90	1.20	398 BF CR S	2C4817	4	STD
								1.50	126 RVT PC GI	2C4817010		0.25
								3.00	997 FV CR	2C4817020		0.50
									732 FV CR	2C4817030		0.75
										2C4817040		1.00
EZ30, EZ30D DOHC	6 CYL	3.0 L	2999		2005-10	Legacy, Outback H6, Tribeca w/2.5mm oil grv	89.20	1.20	398 BF CR S	2C5863	6	STD
								1.20	126 RVT PC GI	2C5863020		0.50
								2.50	995 FV CR			
									005 FV CR			
EA71	4 CYL	1.6 L	1595		1975-83	Leone	92.00	2.00	032 BF PC GI	5364	4	STD
								2.00	401 SCRP PC GI	5364010		0.25
								4.00	056 FV CR	5364020		0.50
									732 FV CR	5364030		0.75
										5364040		1.00
									362 BF 3CR GI	2C5364	4	STD
									401 SCRP PC GI	2C5364010		0.25
									056 FV CR	2C5364020		0.50
									732 FV CR	2C5364030		0.75
										2C5364040		1.00
										2C5364060		1.50
									327 BF PM GI	2M5364	4	STD
									401 SCRP PC GI	2M5364020		0.50
									056 FV CR	2M5364030		0.75
									732 FV CR	2M5364040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
SUBARU												
EA71	4 CYL	1.6 L	1595		1979-91	1600 DL, GL, GLF Incl. Turbo	92.00	1.20 1.50 4.00	398 BF CR S 401 SCRP PC GI 056 FV CR 732 FV CR	2C5657 2C5657010 2C5657020 2C5657030 2C5657040	4	STD 0.25 0.50 0.75 1.00
EA81	4 CYL	1.8 L	1781		1975-79	Leone	92.00	2.00 2.00 4.00	032 BF PC GI 401 SCRP PC GI 056 FV CR 732 FV CR	5364 5364010 5364020 5364030 5364040	4	STD 0.25 0.50 0.75 1.00
									362 BF 3CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C5364 2C5364010 2C5364020 2C5364030 2C5364040 2C5364060	4	STD 0.25 0.50 0.75 1.00 1.50
									327 BF PM GI 401 SCRP PC GI 056 FV CR 732 FV CR	2M5364 2M5364020 2M5364030 2M5364040	4	STD 0.50 0.75 1.00
EA81, EA82, EA82T	4 CYL	1.8 L	1781		1980-94	Brat 1800 1800 GL, GLF XT 1800 Incl. Turbo	92.00	1.20 1.50 4.00	398 BF CR S 401 SCRP PC GI 056 FV CR 732 FV CR	2C5657 2C5657010 2C5657020 2C5657030 2C5657040	4	STD 0.25 0.50 0.75 1.00
EJ20 DOHC	4 CYL	2.0 L	1994		2002-05	Impreza incl.Turbo w/2.5mm oil rings	92.00	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5134 2C5134020 2C5134030 2C5134040	4	STD 0.50 0.75 1.00
EJ20, EJ20T	4 CYL	2.0 L	2000		1993-On	Impreza Forester Incl. Turbo	92.00	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 054 FV CR 005 FV CR	2C5027 2C5027020 2C5027040	4	STD 0.50 1.00
EZ36D DOHC FI	6 CYL	3.6 L	3629		2008-14	Legacy, Outback, Tribeca	92.00	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 991 FV CR 005 FV CR	2C5877 2C5877020	6	STD 0.50
EJ22	4 CYL	2.2 L	2212		2000-On	Legacy	96.90	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5167 2C5167020 2C5167030	4	STD 0.50 0.75
EJ33	6 CYL	3.3 L	3318		1991-97	SVX	96.90	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 997 FV CR 732 FV CR	4777 4777020 4777030 4777040	6	STD 0.50 0.75 1.00
									363 BF CR GI 126 RVT PC GI 997 FV CR 732 FV CR	2C4777 2C4777020 2C4777030 2C4777040	6	STD 0.50 0.75 1.00
EJ22E	4 CYL	2.2 L	2212		1990-99	Legacy	97.00	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 054 FV CR 732 FV CR	2C4707 2C4707020 2C4707030 2C4707040	4	STD 0.50 0.75 1.00
EJ25, EJ25D	4 CYL	2.5 L	2457		1996-99	Impreza, Legacy	99.50	1.20 1.50 2.80	398 BF CR S 126 RVT PC GI 861 FV CR 732 FV CR	2C4957 2C4957010 2C4957020 2C4957030 2C4957040	4	STD 0.25 0.50 0.75 1.00
EJ257 DOHC/SOHC	4 CYL	2.5 L	2457		2005-14	WRX Sti w/2.0mm oil grv.	99.50	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 989 FV CR 732 FV CR	2C5219 2C5219020 2C5219030 2C5219040	4	STD 0.50 0.75 1.00
EJ255 SOHC	4 CYL	2.5 L	2458		1999-12	16V w/2.5mm oil grv	99.50	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5140 2C5140010 2C5140020 2C5140030 2C5140040	4	STD 0.25 0.50 0.75 1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
SUZUKI												
F5A	3 CYL	0.5 L	543		1981-On	Alto/Carry 600	62.00	1.50	362 BF 3CR GI	2C4449	3	STD
								1.50	126 RVT PC GI	2C4449020		0.50
								2.80	859 FV CR	2C4449030		0.75
									732 FV CR	2C4449040		1.00
F8A	4 CYL	0.8 L	797		1980-85	Alto, Carry, LJ 80	62.00	1.50	362 BF 3CR GI	2C4807	4	STD
								1.50	126 RVT PC GI	2C4807010		0.25
								2.80	859 FV CR	2C4807020		0.50
									732 FV CR	2C4807030		0.75
										2C4807040		1.00
F10A	4 CYL	1.0 L	970			Samurai	65.50	1.50	032 BF PC GI	4234	4	STD
						SJ 410		1.50	126 RVT PC GI	4234020		0.50
						Super Carry		2.80	859 FV CR	4234040		1.00
									732 FV CR			
									362 BF 3CR GI	2C4234	4	STD
									126 RVT PC GI	2C4234010		0.25
									859 FV CR	2C4234020		0.50
									732 FV CR	2C4234030		0.75
										2C4234040		1.00
										2C4234060		1.50
K10A	4 CYL	1.0 L	996		1997-On	Alto	68.00	1.00	398 BF CR S	2C4220	4	STD
								1.20	126 RVT PC GI	2C4220010		0.25
								2.00	993 FV CR	2C4220020		0.50
									005 FV CR	2C4220030		0.75
										2C4220040		1.00
	3 CYL	0.7 L	660			Damas, Labo, Tico	68.50	1.20	398 BF CR S	2C5039	3	STD
								1.50	126 RVT PC GI	2C5039010		0.25
								2.80	859 FV CR	2C5039020		0.50
									732 FV CR	2C5039030		0.75
										2C5039040		1.00
F8B	3 CYL	0.8 L	796		1981-93	Alto	68.50	1.50	362 BF 3CR GI	2C6185	3	STD
								1.50	126 RVT PC GI	2C6185010		0.25
								2.80	859 FV CR	2C6185020		0.50
									732 FV CR	2C6185030		0.75
										2C6185040		1.00
										2C6185060		1.50
F10D, F10DN	4 CYL	1.1 L	1061		1981-On	SS-80	68.50	1.50	362 BF 3CR GI	2C5083	4	STD
								1.50	126 RVT PC GI	2C5083010		0.25
								2.80	859 FV CR	2C5083020		0.50
									732 FV CR			
Z13DT	4 CYL	1.3 L	1248		2003-On	Ignis, Swift,	69.60	2.00	205 BF CR DI	2D7101	1	STD
						Wagon R+ -		1.50	206 TF PC DI	2D710140		0.40
						Turbo Diesel		2.00	248 CF CR	2D710160		0.60
									881 2PCO			
K12A	4 CYL	1.2 L	1200			SR-412	71.00	1.00	398 BF CR S	2C4047	4	STD
						Wagon R,		1.20	126 RVT PC GI	2C4047020		0.50
								2.00	993 FV CR			
									005 FV CR			
K12M	4 CYL	1.2 L	1197		2017-On	Ignis III, Swift	73.00	1.00	326 TBF GN SS	2N5313	4	STD
								1.20	435 SCRP PC GI	2N531350		0.50
								2.00	993N FV GN			
									714 GN SS			
G10A	3 CYL	1.0 L	993		1998-04		74.00	1.20	398 BF CR S	2C4184	3	STD
								1.20	126 RVT PC GI	2C4184010		0.25
								2.50	995 FV CR	2C4184020		0.50
									732 FV CR	2C4184030		0.75
										2C4184040		1.00
	3 CYL	1.0 L	1000		1989-95	2 Ring Piston	74.00	1.20	398 BF CR S	2C4738	3	STD
								2.80	859 FV CR	2C4738020		0.50
									732 FV CR	2C4738030		0.75
										2C4738040		1.00
G13BB	4 CYL	1.3 L	1298		1998	Swift	74.00	1.20	398 BF CR S	2C4944	4	STD
								1.20	126 RVT PC GI	2C4944010		0.25
								2.50	995 FV CR	2C4944020		0.50
									732 FV CR	2C4944030		0.75
										2C4944040		1.00
G13A, G13B	4 CYL	1.3 L	1324		1985-01	Samurai, SJ 413	74.00	1.20	398 BF CR S	2C4258	4	STD
						Sidekick, Swift		1.50	435 SCRP PC GI	2C4258010		0.25
								2.80	859 FV CR	2C4258020		0.50
									732 FV CR	2C4258030		0.75
										2C4258040		1.00
										2C4258060		1.50
	4 CYL	1.3 L	1324			Swift	74.00	1.20	398 BF CR S	2C4364	4	STD
						2 Ring Piston		2.80	859 FV CR	2C4364020		0.50
									732 FV CR	2C4364030		0.75
										2C4364040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
SUZUKI												
G16A, G16KV	4 CYL	1.6 L	1590		1989-98	Sidekick, X-90 Sidekick, X-90	75.00	1.20 1.50 2.80	398 BF CR S 435 SCRP PC GI 859 FV CR 732 FV CR	2C4640 2C4640010 2C4640020 2C4640030 2C4640040 2C4640060	4	STD 0.25 0.50 0.75 1.00 1.50
G16S	4 CYL	1.6 L	1590		1996-02	Esteem	75.00	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C4901 2C4901010 2C4901020 2C4901030 2C4901040	4	STD 0.25 0.50 0.75 1.00
M13A	4 CYL	1.3 L	1328		2000-08	Ignis, Jimmy, Swift	78.00	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C4186 2C4186010 2C4186020 2C4186030	4	STD 0.25 0.50 0.75
M15A	4 CYL	1.5 L	1490		2000-08	Ignis, Jimmy, Swift	78.00	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C4186 2C4186010 2C4186020 2C4186030	4	STD 0.25 0.50 0.75
H20 DOHC	6 CYL	2.0 L	2000		2000-On	Grand Escudo V type Escudo V-6	78.00	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 533 FV CR 732 FV CR	2C4170 2C4170010 2C4170020 2C4170030 2C4170040	6	STD 0.25 0.50 0.75 1.00
SOHC	4 CYL	2.0 L	2000		2000-On	Escudo	78.00	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 533 FV CR 732 FV CR	2C4994 2C4994020 2C4994030 2C4994040	4	STD 0.50 0.75 1.00
XUD9SD	4 CYL	1.9 L	1905		Th-1996	Vitara Diesel Eng	83.00	3.50 2.00 3.00	224 FKST PM DI 202 TTF PC DI 204 CF CR DI 881 2PCO	2M7157	1	STD
XUD9SD	4 CYL	1.9 L	1905		1996-99	Vitara Diesel Eng	83.00	3.00 2.00 3.00	221 FKST CC DI 202 TTF PC DI 204 CF CR DI 881 2PCO	2D7351	1	STD
XUD9	4 CYL	1.9 L	1905		1998-04	Samurai 1.9 Diesel Eng	83.00	2.00 2.00 3.00	239 BF CC DI 123 RVT PC DI 204 CF CR DI 881 2PCO	2D7435 2D743525 2D743550	1	STD 0.25 0.50
D20AA Euro 5	4 CYL	2.0 L	1956		2009-On	SX4 Diesel Eng Turbo Intercooled	83.00	1.50 1.50 2.00	239 BF CC DI 406 N PC DI 553 CF CR GI 881 2PCO	2D7528 2D752840	4	STD 0.40
J18A	4 CYL	1.8 L	1800		1996-04	Sidekick Sport	84.00	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C4959 2C4959010 2C4959020 2C4959030 2C4959040	4	STD 0.25 0.50 0.75 1.00
									326 TBF GN SS 435 SCRP PC GI 987 FV GN SS 714 GN SS	2N4959	4	STD
J20B	4 CYL	2.0 L	1995		2010-13	SX4	84.00	1.20 1.00 2.00	398 BF CR S 123 RVT PC DI 990 FV CR 005 FV CR	2C4434	4	STD
	4 CYL	2.0 L	1995		2007-12	SX-4, SX-4 Crossover	84.00	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C4521 2C4521020	4	STD 0.50
J20A	4 CYL	2.0 L	1995		1996-04	Suzuki Aerio, Suzuki SX4	84.00	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C4959 2C4959010 2C4959020 2C4959030 2C4959040	4	STD 0.25 0.50 0.75 1.00
									326 TBF GN SS 435 SCRP PC GI 987 FV GN SS 714 GN SS	2N4959	4	STD
H25A	6 CYL	2.5 L	2494		1999-06	Grand Vitara	84.00	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5109 2C5109010 2C5109020 2C5109030 2C5109040	6	STD 0.25 0.50 0.75 1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
SUZUKI												
KL5J	4 CYL	2.0 L	1995		2003-08	Forenza, Reno	86.00	1.20	398 BF CR S	2C5130	4	STD
DOHC						ETEC L34		1.50	126 RVT PC GI	2C5130010		0.25
								2.50	995 FV CR	2C5130020		0.50
									732 FV CR	2C5130030		0.75
										2C5130040		1.00
									322 BF GN SS	2N5130	4	STD
									435 SCRP PC GI	2N513050		0.50
									995 FV CR			
									732 FV CR			
H27A	6 CYL	2.7 L	2737		2001-08	Grand Vitara	88.00	1.20	398 BF CR S	2C4567	6	STD
								1.50	126 RVT PC GI	2C4567010		0.25
								2.80	997 FV CR	2C4567020		0.50
									732 FV CR	2C4567030		0.75
										2C4567040		1.00
QR25DE	4 CYL	2.5 L	2488		2009-12	Equator 16V	89.00	1.20	398 BF CR S	2C5099	4	STD
DOHC								1.20	126 RVT PC GI	2C5099010		0.25
Nissan Eng								2.50	995 FV CR	2C5099020		0.50
									732 FV CR	2C5099030		0.75
										2C5099040		1.00
J23A	4 CYL	2.3 L	2294		2004-08	Aerio	90.00	1.20	398 BF CR S	2C5278	4	STD
DOHC								1.20	126 RVT PC GI	2C527850		0.50
								2.50	995 FV CR	2C5278100		1.00
									732 FV CR			
J24B	4 CYL	2.4 L	2393		2009-12	Allrad, Escude,	92.00	1.20	398 BF CR S	2C4358	4	STD
						Grand Vitara, Kizashi		1.00	123 RVT PC DI	2C435825		0.25
								2.00	991 FV CR	2C435850		0.50
									005 FV CR			
TATA												
MPFI	4 CYL	1.4 L	1390		2000-04	Indica	75.00	1.20	398 BF CR S	2C4868	4	STD
								1.50	435 SCRP PC GI	2C4868020		0.50
								2.80	996 FV CR	2C4868040		1.00
									732 FV CR			
TOYOTA												
1E, 1EL	4 CYL	1.0 L	1000			Starlet FWD	70.50	1.50	335 T PM DI	2M5015	4	STD
								1.50	126 RVT PC GI			
								3.00	996 FV CR			
									732 FV CR			
1KR-FE	3 CYL	1.0 L	996		2005-On	12V Aygo, Vitz, Yaris	71.00	1.00	398 BF CR S	2C4598	3	STD
						Platz 1.0		1.00	123 RVT PC DI	2C4598020		0.50
						Yaris 1.0		1.50	981 FV CR	2C4598040		1.00
									005 FV CR			
2K	4 CYL	1.0 L	993		1966-74	Publica, Starlet	72.00	2.00	102 T PC GI	6752	4	STD
								2.00	401 SCRP PC GI			
								4.00	056 FV CR			
									732 FV CR			
K3-VE	4 CYL	1.3 L	1298		2005-08	Myvi, Scion	72.00	1.20	398 BF CR S	2C5266	4	STD
								1.20	126 RVT PC GI	2C5266010		0.25
								2.00	990 FV CR	2C5266016		0.40
									732 FV CR	2C5266020		0.50
										2C5266024		0.60
										2C5266030		0.75
										2C5266040		1.00
3NR-FE	4 CYL	1.2 L	1197		2010-on	16V Etios NGK10	72.50	1.00	398 BF CR S	2C5392	4	STD
DOHC								1.00	123 RVT PC DI			
								2.00	990 FV CR			
									732 FV CR			
1NR-VE	4 CYL	1.3 L	1329		2015-18	Avanza	72.50	1.20	398 BF CR S	2C4107	4	STD
						Dual VVT-i		1.00	126 RVT PC GI	2C4107010		0.25
								2.00	990 FV CR			
									732 FV CR			
1NR-FE	4 CYL	1.3 L	1329		2009-13	Auris, Corolla, Verso, Yaris	72.50	1.00	398 BF CR S	2C5392	4	STD
DOHC								1.00	123 RVT PC DI			
								2.00	990 FV CR			
									732 FV CR			
2NR-FE	4 CYL	1.5 L	1496		2010-15	16V Etios NGK12, NGK15	72.50	1.00	398 BF CR S	2C5392	4	STD
DOHC								1.00	123 RVT PC DI			
								2.00	990 FV CR			
									732 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
TOYOTA												
2EL, 2EL	4 CYL	1.3 L	1295		1984-97	Corona 1300, Starlet	73.00	1.50	032 BF PC GI	4633	4	STD
								1.50	126 RVT PC GI	4633020		0.50
								3.00	054 FV CR	4633030		0.75
									732 FV CR	4633040		1.00
										4633060		1.50
									363 BF CR GI	2C4633	4	STD
									126 RVT PC GI	2C4633010		0.25
									054 FV CR	2C4633020		0.50
									732 FV CR	2C4633030		0.75
										2C4633040		1.00
										2C4633060		1.50
									326 TBF GN SS	2N4633	4	STD
									435 SCRP PC GI	2N463325		0.25
									054 FV CR	2N463350		0.50
									732 FV CR	2N463375		0.75
										2N4633100		1.00
1ND-TV	4 CYL	1.4 L	1364		1999-16	Corolla, Verso, Yaris	73.00	1.50	239 BF CC DI	2D5856	1	STD
SOHC						Diesel Eng		1.50	218 TF PC DI			
								3.00	204 CF CR DI			
									881 2PCO			
3E, 3EE	4 CYL	1.5 L	1456		1987-97		73.00	1.50	032 BF PC GI	4633	4	STD
								1.50	126 RVT PC GI	4633020		0.50
								3.00	054 FV CR	4633030		0.75
									732 FV CR	4633040		1.00
										4633060		1.50
									363 BF CR GI	2C4633	4	STD
									126 RVT PC GI	2C4633010		0.25
									054 FV CR	2C4633020		0.50
									732 FV CR	2C4633030		0.75
										2C4633040		1.00
										2C4633060		1.50
									326 TBF GN SS	2N4633	4	STD
									435 SCRP PC GI	2N463325		0.25
									054 FV CR	2N463350		0.50
									732 FV CR	2N463375		0.75
										2N4633100		1.00
2WZ-TV	4 CYL	1.4 L	1398		2005-10	Aygo	73.70	2.50	213 FKST CC DI	2D7270	1	STD
						Diesel Eng		1.95	209 RVT PC DI	2D727025		0.25
								2.50	248 CF CR	2D727050		0.50
									881 2PCO			
									732 FV CR			
4EFE	4 CYL	1.3 L	1331		1991-99	Corolla	74.00	1.20	398 BF CR S	2C4774	4	STD
DOHC								1.20	126 RVT PC GI	2C4774010		0.25
								3.00	996 FV CR	2C4774020		0.50
									732 FV CR	2C4774030		0.75
										2C4774040		1.00
										2C4774060		1.50
5EFE	4 CYL	1.5 L	1456		1995-98	Paseo	74.00	1.20	398 BF CR S	2C4774	4	STD
DOHC						Tercel		1.20	126 RVT PC GI	2C4774010		0.25
								3.00	996 FV CR	2C4774020		0.50
									732 FV CR	2C4774030		0.75
										2C4774040		1.00
										2C4774060		1.50
K, KC	4 CYL	1.1 L	1077		1968-78	Corolla 1100	75.00	2.00	032 BF PC GI	6813	4	STD
								2.00	401 SCRP PC GI	6813020		0.50
								4.00	056 FV CR	6813030		0.75
									732 FV CR	6813040		1.00
										6813060		1.50
									362 BF 3CR GI	2C6813	4	STD
									401 SCRP PC GI	2C6813010		0.25
									056 FV CR	2C6813020		0.50
									732 FV CR	2C6813030		0.75
										2C6813040		1.00
										2C6813060		1.50
										2C6813063		1.60
K	4 CYL	1.1 L	1077		1968-78	Corolla 1100	75.00	2.00	032 BF PC GI	6818	4	STD
						Shallow Oil Ring Grv		2.00	401 SCRP PC GI	6818020		0.50
								4.00	856 FV CR	6818030		0.75
									732 FV CR	6818040		1.00
										6818060		1.50
									362 BF 3CR GI	2C6818	4	STD
									401 SCRP PC GI	2C6818010		0.25
									856 FV CR	2C6818020		0.50
									732 FV CR	2C6818030		0.75
										2C6818040		1.00
										2C6818060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
TOYOTA												
3K	4 CYL	1.2 L	1166		1975-80	Corolla Combi 1.2	75.00	2.00	032 BF PC GI	6813	4	STD
								2.00	401 SCRP PC GI	6813020		0.50
								4.00	056 FV CR	6813030		0.75
									732 FV CR	6813040		1.00
										6813060		1.50
									362 BF 3CR GI	2C6813	4	STD
									401 SCRP PC GI	2C6813010		0.25
									056 FV CR	2C6813020		0.50
									732 FV CR	2C6813030		0.75
										2C6813040		1.00
										2C6813060		1.50
										2C6813063		1.60
3KC	4 CYL	1.2 L	1166		1981-82	Corolla 1200 Shallow Oil Ring Grv	75.00	2.00	032 BF PC GI	6818	4	STD
								2.00	401 SCRP PC GI	6818020		0.50
								4.00	856 FV CR	6818030		0.75
									732 FV CR	6818040		1.00
										6818060		1.50
									362 BF 3CR GI	2C6818	4	STD
									401 SCRP PC GI	2C6818010		0.25
									856 FV CR	2C6818020		0.50
									732 FV CR	2C6818030		0.75
										2C6818040		1.00
										2C6818060		1.50
4KE	4 CYL	1.3 L	1290		1983-84	Starlet	75.00	1.50	032 BF PC GI	6179	4	STD
								1.50	435 SCRP PC GI	6179010		0.25
								4.00	058 FV CR	6179020		0.50
									732 FV CR	6179030		0.75
										6179040		1.00
									363 BF CR GI	2C6179	4	STD
									435 SCRP PC GI	2C6179010		0.25
									058 FV CR	2C6179020		0.50
									732 FV CR	2C6179030		0.75
										2C6179040		1.00
										2C6179060		1.50
4KC	4 CYL	1.3 L	1290		1978-87	Corolla, Starlet	75.00	2.00	032 BF PC GI	6813	4	STD
								2.00	401 SCRP PC GI	6813020		0.50
								4.00	056 FV CR	6813030		0.75
									732 FV CR	6813040		1.00
										6813060		1.50
									362 BF 3CR GI	2C6813	4	STD
									401 SCRP PC GI	2C6813010		0.25
									056 FV CR	2C6813020		0.50
									732 FV CR	2C6813030		0.75
										2C6813040		1.00
										2C6813060		1.50
										2C6813063		1.60
4KC	4 CYL	1.3 L	1290		1980-82	Starlet Shallow Oil Ring Grv	75.00	2.00	032 BF PC GI	6818	4	STD
								2.00	401 SCRP PC GI	6818020		0.50
								4.00	856 FV CR	6818030		0.75
									732 FV CR	6818040		1.00
										6818060		1.50
									362 BF 3CR GI	2C6818	4	STD
									401 SCRP PC GI	2C6818010		0.25
									856 FV CR	2C6818020		0.50
									732 FV CR	2C6818030		0.75
										2C6818040		1.00
										2C6818060		1.50
2NZFE	4 CYL	1.3 L	1299		2000-12	Corolla, Yaris	75.00	1.20	398 BF CR S	2C5091	4	STD
								1.20	126 RVT PC GI	2C5091010		0.25
								2.00	993 FV CR	2C5091020		0.50
									005 FV CR	2C5091030		0.75
										2C5091040		1.00
										2C5091060		1.50
1NZFE, 1NZFXE	4 CYL	1.5 L	1497		2000-12	Echo, Prius, Porte, Yaris	75.00	1.20	398 BF CR S	2C5091	4	STD
								1.20	126 RVT PC GI	2C5091010		0.25
								2.00	993 FV CR	2C5091020		0.50
									005 FV CR	2C5091030		0.75
										2C5091040		1.00
										2C5091060		1.50
									322 BF GN SS	2N5091	4	STD
									435 SCRP PC GI			
									987 FV GN SS			
									714 GN SS			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
TOYOTA												
1G, 1GE, 1GEU	6 CYL	2.0 L	1988			Altezza, Crown, Soarer	75.00	1.50	032 BF PC GI	4632	6	STD
								1.50	401 SCRP PC GI	4632010		0.25
								4.00	058 FV CR	4632020		0.50
									732 FV CR	4632030		0.75
										4632040		1.00
									363 BF CR GI	2C4632	6	STD
									435 SCRP PC GI	2C4632010		0.25
									058 FV CR	2C4632020		0.50
									732 FV CR	2C4632030		0.75
										2C4632040		1.00
2M 2000, 50 OHC	6 CYL	2.3 L	2253		1966-72	Crown , MS Series	75.00	2.00	102 T PC GI	6797	6	STD
								2.00	401 SCRP PC GI	6797040		1.00
								4.00	056 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C6797	6	STD
									401 SCRP PC GI	2C6797020		0.50
									056 FV CR	2C6797030		0.75
									732 FV CR	2C6797040		1.00
										2C6797060		1.50
1NZ-FXE	4 CYL	1.5 L	1496		2004-09	Prius Hybrid	75.00	0.80	398 BF CR S	2C5118	4	STD
								1.00	123 RVT PC DI			
								1.50	981 FV CR			
									005 FV CR			
3WZ-TV	4 CYL	1.6 L	1560		2013-On	Proace Box 1.6 Diesel Eng Turbo Direct Injection	75.00	2.50	271 FKST BF CC DI	2D7431	4	STD
								1.95	406 N PC DI	2D743125		0.25
								2.00	248 CF CR	2D743150		0.50
									881 2PCO			
2A, 2AL	4 CYL	1.3 L	1295		1979-84	Corolla, Tercel	76.00	2.00	102 T PC GI	4266	4	STD
								2.00	401 SCRP PC GI	4266010		0.25
								4.00	058 FV CR	4266020		0.50
									732 FV CR	4266030		0.75
										4266040		1.00
										4266060		1.50
									362 BF 3CR GI	2C4266	4	STD
									401 SCRP PC GI	2C4266010		0.25
									058 FV CR	2C4266020		0.50
									732 FV CR	2C4266030		0.75
										2C4266040		1.00
										2C4266060		1.50
2P	4 CYL	1.2 L	1198		1961-66	Corona	76.60	2.00	032 BF PC GI	4473	4	STD
								2.00	401 SCRP PC GI			
								4.00	058 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C4473	4	STD
									401 SCRP PC GI	2C4473020		0.50
									058 FV CR	2C4473030		0.75
									732 FV CR	2C4473040		1.00
										2C4473060		1.50
3P	4 CYL	1.3 L	1345		1967-75	Fork Lift	76.60	2.00	032 BF PC GI	4473	4	STD
								2.00	401 SCRP PC GI			
								4.00	058 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C4473	4	STD
									401 SCRP PC GI	2C4473020		0.50
									058 FV CR	2C4473030		0.75
									732 FV CR	2C4473040		1.00
										2C4473060		1.50
4P	4 CYL	1.5 L	1493		1972	Fork Lift	76.60	2.00	032 BF PC GI	4473	4	STD
								2.00	401 SCRP PC GI			
								4.00	058 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C4473	4	STD
									401 SCRP PC GI	2C4473020		0.50
									058 FV CR	2C4473030		0.75
									732 FV CR	2C4473040		1.00
										2C4473060		1.50
3AC OHC	4 CYL	1.5 L	1452		1980-90	Tercel, Corolla	77.50	1.50	032 BF PC GI	6140	4	STD
								1.50	126 RVT PC GI	6140020		0.50
								2.80	861 FV CR	6140030		0.75
									732 FV CR	6140040		1.00
									363 BF CR GI	2C6140	4	STD
									126 RVT PC GI	2C6140010		0.25
									861 FV CR	2C6140020		0.50
									732 FV CR	2C6140030		0.75
										2C6140040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
TOYOTA												
2R	4 CYL	1.5 L	1490		1965-69	Corona	78.00	2.00	102 T PC GI	6804	4	STD
								2.50	401 SCRP PC GI			
								4.00	056 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C6804	4	STD
									401 SCRP PC GI	2C6804040		1.00
									056 FV CR			
									732 FV CR			
5A-F, 5A-FE	4 CYL	1.5 L	1498		1987-06	Carina,Corolla, Soluna,	78.70	1.20	398 BF CR S	2C4134	4	STD
						Sprinter (Japan Only)		1.50	126 RVT PC GI	2C413425		
								3.00	996 FV CR	2C413450		
									732 FV CR			
3ZZ-FE	4 CYL	1.6 L	1598		2000-09	Avensis, Corolla	79.00	1.20	398 BF CR S	2C4947	4	STD
								1.20	126 RVT PC GI	2C4947010		0.25
								3.00	996 FV CR	2C4947020		0.50
									732 FV CR	2C4947030		0.75
										2C4947040		1.00
										2C4947060		1.50
1ZZ, 1ZZFE	4 CYL	1.8 L	1794		1998-08	Celca, Corolla	79.00	1.20	398 BF CR S	2C4947	4	STD
						MR2 Spyder, Matrix XR,		1.20	126 RVT PC GI	2C4947010		0.25
						Vista		3.00	996 FV CR	2C4947020		0.50
									732 FV CR	2C4947030		0.75
										2C4947040		1.00
										2C4947060		1.50
	6 CYL	2.6 L	2563		1971-80	Cressida, 4M, 4ME	80.00	2.00	032 BF PC GI	6876	6	STD
						Mark II, MX23L, 4M		2.00	401 SCRP PC GI	6876020		0.50
						Crown MS 63-65, MS75		4.00	056 FV CR	6876030		0.75
									732 FV CR	6876040		1.00
										6876060		1.50
									362 BF 3CR GI	2C6876	6	STD
									401 SCRP PC GI	2C6876020		0.50
									056 FV CR	2C6876030		0.75
									732 FV CR	2C6876040		1.00
5K	4 CYL	1.5 L	1487		1985-95	Liteace Bus	80.50	1.50	032 BF PC GI	5300	4	STD
								1.50	401 SCRP PC GI	5300010		0.25
								4.00	058 FV CR	5300020		0.50
									732 FV CR	5300030		0.75
										5300040		1.00
12R	4 CYL	1.6 L	1587		1971-75	Corona 1600	80.50	2.00	032 BF PC GI	4293	4	STD
						RT81 Hi-Lux		2.00	126 RVT PC GI	4293010		0.25
								4.00	860 FV CR	4293020		0.50
									732 FV CR	4293030		0.75
										4293040		1.00
										4293060		1.50
									362 BF 3CR GI	2C4293	4	STD
									126 RVT PC GI	2C4293010		0.25
									860 FV CR	2C4293020		0.50
									732 FV CR	2C4293040		1.00
2ZRFE	4 CYL	1.8 L	1798		2009-15	Corolla, Matrix	80.50	1.00	398 BF CR S	2C4113	4	STD
DOHC								1.00	123 RVT PC DI	2C4113020		0.50
								1.50	981 FV CR	2C4113030		0.75
									005 FV CR	2C4113040		1.00
3ZR-FE, 3ZR-FAE	4 CYL	2.0 L	1986		2013-18	Avensis, Corolla, Noah,	80.50	1.20	398 BF CR S	2C5395	4	STD
DOHC						RAV 4 , Voxy,		1.00	123 RVT PC DI	2C539550		0.50
						16V Flex Fuel Turbo		2.00	993 FV CR	2C5395100		1.00
									005 FV CR			
4AF/4AFE	4 CYL	1.6 L	1587		1988-93	Corolla	81.00	1.50	032 BF PC GI	4683	4	STD
4AGZE						Super charged		1.50	126 RVT PC GI	4683020		0.50
								3.00	054 FV CR	4683030		0.75
									732 FV CR	4683040		1.00
									335 T PM DI	2M4683	4	STD
									126 RVT PC GI	2M4683010		0.25
									054 FV CR	2M4683020		0.50
									732 FV CR	2M4683030		0.75
										2M4683040		1.00
									322 BF GN SS	2N4683	4	STD
									126 RVT PC GI	2N468325		0.25
									987 FV GN SS	2N468350		0.50
									714 GN SS	2N468375		0.75
4AGE	4 CYL	1.6 L	1587		1990-93	Corolla	81.00	1.20	398 BF CR S	2C4684	4	STD
								1.50	126 RVT PC GI	2C4684010		0.10
								2.80	861 FV CR	2C4684020		0.50
									732 FV CR	2C4684030		0.75
										2C4684040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
TOYOTA												
4AFE, 4AG	4 CYL	1.6 L	1587		1993-03	Caribe, Carina,	81.00	1.20	398 BF CR S	2C4733	4	STD
						Corolla, Sprinter		1.50	126 RVT PC GI	2C4733010		0.25
								3.00	054 FV CR	2C4733020		0.50
									732 FV CR	2C4733030		0.75
										2C4733040		1.00
									322 BF GN SS	2N4733	4	STD
									126 RVT PC GI	2N473325		0.25
									987 FV GN SS	2N473350		0.50
									714 GN SS	2N473375		0.75
4AC. 4AGELC	4 CYL	1.6 L	1587		1983-91	Corolla	81.00	1.50	032 BF PC GI	6180	4	STD
4AGEC, 4AGE						MR		1.50	126 RVT PC GI	6180010		0.25
4ALC								2.80	861 FV CR	6180020		0.50
									732 FV CR	6180030		0.75
										6180040		1.00
										6180060		1.50
									362 BF 3CR GI	2C6180	4	STD
									126 RVT PC GI	2C6180010		0.25
									861 FV CR	2C6180020		0.50
									732 FV CR	2C6180030		0.75
										2C6180040		1.00
									327 BF PM GI	2M6180	4	STD
									126 RVT PC GI	2M6180010		0.25
									861 FV CR	2M6180020		0.50
									732 FV CR	2M6180030		0.75
										2M6180040		1.00
7AFE	4 CYL	1.8 L	1762		1993-02	Celica,Corolla	81.00	1.20	398 BF CR S	2C4773	4	STD
								1.50	126 RVT PC GI	2C4773010		0.25
								3.00	997 FV CR	2C4773020		0.50
									732 FV CR	2C4773030		0.75
										2C4773040		1.00
2ZZ-EE, 2ZZ-GE	4 CYL	1.8 L	1796		2002-07	Celica	82.00	1.20	398 BF CR S	2C5087	4	STD
DOHC						Matrix		1.20	126 RVT PC GI	2C5087020		0.50
								3.00	997 FV CR	2C5087030		0.75
									732 FV CR	2C5087040		1.00
1CD, 1CDA	4 CYL	2.0 L	1998		1998-08	Corolla	82.20	2.00	226 BF CR DI	2C7428	1	STD
DOHC						Turbo Diesel		1.50	218 TF PC DI			
								3.00	204 CF CR DI			
									881 2PCO			
1C	4 CYL	1.8 L	1839		1985-89	Carina, Corolla	83.00	2.00	370 HKST 3CR GI	2C5016	4	STD
						Diesel Eng		2.00	126 RVT PC GI	2C5016020		0.50
						3 PC Oil Ring		3.00	054 FV CR	2C5016040		1.00
									732 FV CR			
1C, 1C-L, 1C-TL	4 CYL	1.8 L	1839		1982-92	Corolla, Camry	83.00	2.00	370 HKST 3CR GI	2D4223	4	STD
						Diesel Eng		2.00	126 RVT PC GI	2D422325		0.25
						incl Turbo		4.00	553 CF CR GI	2D422350		0.50
									881 2PCO	2D422375		0.75
										2D4223100		1.00
5M, 5ME	6 CYL	2.8 L	2759		1981-82		83.00	2.00	032 BF PC GI	6856	6	STD
								2.00	401 SCRP PC GI	6856010		0.25
								4.00	058 FV CR	6856020		0.50
									732 FV CR	6856030		0.75
										6856040		1.00
									362 BF 3CR GI	2C6856	6	STD
									401 SCRP PC GI	2C6856010		0.25
									058 FV CR	2C6856020		0.50
									732 FV CR	2C6856030		0.75
										2C6856040		1.00
5MGE, 5MGEV	6 CYL	2.8 L	2759		1982-87	Celica, Cressida, Supra	83.00	1.50	032 BF PC GI	6162	6	STD
						Incl. Turbo		1.50	126 RVT PC GI	6162020		0.50
								4.00	058 FV CR	6162030		0.75
									732 FV CR	6162040		1.00
									362 BF 3CR GI	2C6162	6	STD
									126 RVT PC GI	2C6162020		0.50
									058 FV CR	2C6162030		0.75
									732 FV CR	2C6162040		1.00
										2C6162060		1.50
									327 BF PM GI	2M6162	6	STD
									126 RVT PC GI	2M6162020		0.50
									058 FV CR	2M6162030		0.75
									732 FV CR	2M6162040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
TOYOTA												
7MGE, 7MGTE	6 CYL	3.0 L	2954		1982-93	Celica, Cressida, Supra Incl. Turbo	83.00	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	6162 6162020 6162030 6162040	6	STD 0.50 0.75 1.00
									362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C6162 2C6162020 2C6162030 2C6162040 2C6162060	6	STD 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 058 FV CR 732 FV CR	2M6162 2M6162020 2M6162030 2M6162040	6	STD 0.50 0.75 1.00
21R	4 CYL	2.0 L	1972		1970-78	Corona	84.00	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	4247 4247020 4247030 4247040 4247060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C4247 2C4247010 2C4247020 2C4247030 2C4247040 2C4247060	4	STD 0.25 0.50 0.75 1.00 1.50
21R	4 CYL	2.0 L	1972		1982-On	Corona	84.00	1.50 2.00 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	4788 4788020 4788030 4788040	4	STD 0.50 0.75 1.00
									362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C4788 2C4788020 2C4788040	4	STD 0.50 1.00
2SEL, 2SELC, 21RC	4 CYL	2.0 L	1995		1984-87	Camry	84.00	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	4217 4217010 4217020 4217030 4217040 4217060	4	STD 0.25 0.50 0.75 1.00 1.50
									336 T PM DI 126 RVT PC GI 058 FV CR 732 FV CR	2M4217 2M4217010 2M4217020 2M4217030 2M4217040	4	STD 0.25 0.50 0.75 1.00
2SEL	4 CYL	2.0 L	1995		1983-86	Camry	84.50	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	6156 6156020 6156030 6156040 6156060	4	STD 0.50 0.75 1.00 1.50
									363 BF CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C6156 2C6156020 2C6156030 2C6156040	4	STD 0.50 0.75 1.00
2TC , 2TE	4 CYL	1.6 L	1588		1971-77	Corolla 1600 Carina 1600	85.00	2.00 2.00 4.00	032 BF PC GI 401 SCRP PC GI 056 FV CR 732 FV CR	6872 6872020 6872030 6872040 6872060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C6872 2C6872020 2C6872030 2C6872040 2C6872060	4	STD 0.50 0.75 1.00 1.50
2TC	4 CYL	1.6 L	1588		1977-79	Corolla 1600	85.00	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	6899 6899010 6899020 6899030 6899040 6899060	4	STD 0.25 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C6899 2C6899010 2C6899020 2C6899030 2C6899040 2C6899060	4	STD 0.25 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 056 FV CR 732 FV CR	2M6899 2M6899010 2M6899020 2M6899060	4	STD 0.25 0.50 1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
TOYOTA												
3TC	4 CYL	1.8 L	1770		1980-82	Corolla 1800	85.00	1.50	032 BF PC GI	6899	4	STD
								1.50	126 RVT PC GI	6899010		0.25
								4.00	056 FV CR	6899020		0.50
									732 FV CR	6899030		0.75
										6899040		1.00
										6899060		1.50
									362 BF 3CR GI	2C6899	4	STD
									126 RVT PC GI	2C6899010		0.25
									056 FV CR	2C6899020		0.50
									732 FV CR	2C6899030		0.75
										2C6899040		1.00
										2C6899060		1.50
									327 BF PM GI	2M6899	4	STD
									126 RVT PC GI	2M6899010		0.25
									056 FV CR	2M6899020		0.50
									732 FV CR	2M6899060		1.50
7R, 7RB	4 CYL	1.6 L	1591		1968-71	Corona, Mark II	86.00	2.00	032 BF PC GI	6846	4	STD
								2.50	401 SCRP PC GI	6846030		0.75
								4.00	860 FV CR	6846040		1.00
									732 FV CR	6846060		1.50
									362 BF 3CR GI	2C6846	4	STD
									401 SCRP PC GI	2C6846030		0.75
									860 FV CR	2C6846040		1.00
									732 FV CR	2C6846060		1.50
6R, 6RB	4 CYL	1.7 L	1707		1969-74	Corona, Mark II	86.00	2.00	032 BF PC GI	6846	4	STD
								2.50	401 SCRP PC GI	6846030		0.75
								4.00	860 FV CR	6846040		1.00
									732 FV CR	6846060		1.50
									362 BF 3CR GI	2C6846	4	STD
									401 SCRP PC GI	2C6846030		0.75
									860 FV CR	2C6846040		1.00
									732 FV CR	2C6846060		1.50
8R, 8RB, 8RC, 8RG	4 CYL	1.9 L	1858		1968-73	Corona, Mark II Hi-Lux Pickup	86.00	2.00	032 BF PC GI	6846	4	STD
								2.50	401 SCRP PC GI	6846030		0.75
								4.00	860 FV CR	6846040		1.00
									732 FV CR	6846060		1.50
									362 BF 3CR GI	2C6846	4	STD
									401 SCRP PC GI	2C6846030		0.75
									860 FV CR	2C6846040		1.00
									732 FV CR	2C6846060		1.50
1RE, 1RZ	4 CYL	2.0 L	1998			2000P, 8V	86.00	1.75	032 BF PC GI	5281	4	STD
								1.50	126 RVT PC GI	5281010		0.25
								4.00	058 FV CR	5281020		0.50
									732 FV CR	5281040		1.00
1TR-FE	4 CYL	2.0 L	1998		2005-18	Hilux, Innova w/ 2PC Oil Ring	86.00	1.20	398 BF CR S	2C7194	4	STD
								1.20	126 RVT PC GI			
								2.00	248 CF CR			
									881 2PCO			
1AD-FTV DOHC	4 CYL	2.0 L	1998		2006-On	Auris, Verso Diesel Eng	86.00	2.00	226 BF CR DI	2C7465	1	STD
								1.50	218 TF PC DI			
								2.00	248 CF CR			
									881 2PCO			
3SFE, 3Y	4 CYL	2.0 L	1998		1986-97	Camry, Celica, Hiace, RAV 4	86.00	1.50	032 BF PC GI	4219	4	STD
								1.50	435 SCRP PC GI	4219020		0.50
								4.00	058 FV CR	4219030		0.75
									732 FV CR	4219040		1.00
										4219060		1.50
									362 BF 3CR GI	2C4219	4	STD
									435 SCRP PC GI	2C4219010		0.25
									058 FV CR	2C4219020		0.50
									732 FV CR	2C4219030		0.75
										2C4219040		1.00
										2C4219060		1.50
									327 BF PM GI	2M4219	4	STD
									435 SCRP PC GI	2M4219020		0.50
									058 FV CR	2M4219030		0.75
									732 FV CR	2M4219040		1.00
3SGTE , 3SGELC	4 CYL	2.0 L	1998		1986-95	Celica Altrac Celica GTS, MR2	86.00	1.20	398 BF CR S	2C4653	4	STD
								1.50	435 SCRP PC GI	2C4653020		0.50
								4.00	058 FV CR	2C4653030		0.75
									732 FV CR	2C4653040		1.00
3SFE	4 CYL	2.0 L	1998		1998-03	Camry, RAV 4	86.00	1.20	398 BF CR S	2C5005	4	STD
								1.20	126 RVT PC GI	2C5005010		0.25
								3.00	997 FV CR	2C5005020		0.50
									732 FV CR	2C5005030		0.75
										2C5005040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
TOYOTA												
1AZ-FE	4 CYL	2.0 L	1998		2001-04	L4, RAV4	86.00	1.20	398 BF CR S	2C5089	4	STD
								1.20	126 RVT PC GI	2C5089010		0.25
								2.00	993 FV CR	2C5089020		0.50
									005 FV CR	2C5089030		0.75
										2C5089040		1.00
2AD-FTV DOHC	4 CYL	2.2 L	2231		2005-On	Auris, Verso Diesel Eng	86.00	2.00 1.50	226 BF CR DI 218 TF PC DI	2C7465	1	STD
								2.00	248 CF CR			
									881 2PCO			
2JZGE, 2JZGTE DOHC	6 CYL	3.0 L	2997		1993-98	Incl. Turbo	86.00	1.50	376 BF CR DI	2C4713	6	STD
								1.50	435 SCRP PC GI	2C4713010		0.25
								4.00	058 FV CR	2C4713020		0.50
									732 FV CR	2C4713030		0.75
										2C4713040		1.00
5SFE DOHC	4 CYL	2.2 L	2164		1990-98	Camry, Celica, MR2 16 valve	87.00	1.50	335 T PM DI	2M4207	4	STD
								1.50	102 T PC GI	2M4207010		0.25
								4.00	058 FV CR	2M4207020		0.50
									732 FV CR	2M4207030		0.75
										2M4207040		1.00
										2M4207060		1.50
5SFE	4 CYL	2.2 L	2164		1990-94	Celica, MR2	87.00	1.50	032 BF PC GI	4686	4	STD
								1.50	126 RVT PC GI	4686020		0.50
								3.00	997 FV CR			
									732 FV CR			
									397 BF PM S	2M4686	4	STD
									126 RVT PC GI	2M4686020		0.50
									997 FV CR	2M4686030		0.75
									732 FV CR	2M4686040		1.00
5SFE	4 CYL	2.2 L	2164		1999-02	Solara Camry	87.00	1.20	398 BF CR S	2C5006	4	STD
								1.20	126 RVT PC GI	2C5006010		0.25
								3.00	997 FV CR	2C5006020		0.50
									732 FV CR	2C5006030		0.75
										2C5006040		1.00
										2C5006060		1.50
									398 BF CR S	2N5006	4	STD
									435 SCRP PC GI	2N500625		0.25
									987 FV GN SS			
									714 GN SS			
2VZFE	6 CYL	2.5 L	2507		1988-93	Camry	87.50	1.50	335 T PM DI	2M4676	6	STD
								1.50	126 RVT PC GI	2M4676010		0.25
								3.00	997 FV CR	2M4676020		0.50
									732 FV CR	2M4676030		0.75
										2M4676040		1.00
3VZE	6 CYL	3.0 L	2959		1988-95		87.50	1.50	032 BF PC GI	4689	6	STD
								1.50	126 RVT PC GI	4689020		0.50
								4.00	856 FV CR	4689030		0.75
									732 FV CR	4689040		1.00
									397 BF PM S	2M4689	6	STD
									126 RVT PC GI	2M4689010		0.25
									856 FV CR	2M4689020		0.50
									732 FV CR	2M4689030		0.75
										2M4689040		1.00
1MZFE DOHC	6 CYL	3.0 L	2995		1994-06		87.50	1.20	398 BF CR S	2C4902	6	STD
								1.20	126 RVT PC GI	2C4902010		0.25
								3.00	997 FV CR	2C4902020		0.50
									732 FV CR	2C4902030		0.75
										2C4902040		1.00
1UZFE	8 CYL	4.0 L	3969		1991-97	LS400, SC400	87.50	1.50	335 T PM DI	2M4678	8	STD
								1.50	126 RVT PC GI	2M4678020		0.50
								3.00	997 FV CR	2M4678030		0.75
									732 FV CR	2M4678040		1.00
5R	4 CYL	2.0 L	1994		1967-78	RS50 Crown 2000	88.00	2.00	032 BF PC GI	6854	4	STD
								2.50	401 SCRP PC GI	6854020		0.50
								4.00	056 FV CR	6854030		0.75
									732 FV CR	6854040		1.00
										6854060		1.50
									362 BF 3CR GI	2C6854	4	STD
									401 SCRP PC GI	2C6854020		0.50
									056 FV CR	2C6854030		0.75
									732 FV CR	2C6854040		1.00
										2C6854060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
TOYOTA												
18R, 18RC	4 CYL	2.0 L	1968		1971-75	Hi-Lux	88.50	2.00	032 BF PC GI	5623	4	STD
						Shallow Oil Ring Grv.		2.50	401 SCRP PC GI	5623010		0.25
						Art Piston .156 Depth		4.00	056 FV CR	5623020		0.50
									732 FV CR	5623030		0.75
										5623040		1.00
									362 BF 3CR GI	2C5623	4	STD
									401 SCRP PC GI	2C5623010		0.25
									056 FV CR	2C5623020		0.50
									732 FV CR	2C5623030		0.75
										2C5623040		1.00
18R, 18RC	4 CYL	2.0 L	1968		1971-75	Hi-Lux	88.50	2.00	032 BF PC GI	6886	4	STD
						Deep Oil Grv.		2.50	401 SCRP PC GI	6886020		0.50
								4.00	860 FV CR	6886030		0.75
									732 FV CR	6886040		1.00
									362 BF 3CR GI	2C6886	4	STD
									401 SCRP PC GI	2C6886020		0.50
									860 FV CR	2C6886030		0.75
									732 FV CR	2C6886040		1.00
20R	4 CYL	2.2 L	2189		1975-80	Celica, Corona, Hi-Lux,	88.50	2.00	032 BF PC GI	5623	4	STD
						Shallow Oil Ring Grv.		2.50	401 SCRP PC GI	5623010		0.25
						Art Piston .156 Depth		4.00	056 FV CR	5623020		0.50
									732 FV CR	5623030		0.75
										5623040		1.00
									362 BF 3CR GI	2C5623	4	STD
									401 SCRP PC GI	2C5623010		0.25
									056 FV CR	2C5623020		0.50
									732 FV CR	2C5623030		0.75
										2C5623040		1.00
20R	4 CYL	2.2 L	2189		1975-80	Celica, Corona, Hi-Lux,	88.50	2.00	032 BF PC GI	6886	4	STD
						Deep Oil Grv.		2.50	401 SCRP PC GI	6886020		0.50
								4.00	860 FV CR	6886030		0.75
									732 FV CR	6886040		1.00
									362 BF 3CR GI	2C6886	4	STD
									401 SCRP PC GI	2C6886020		0.50
									860 FV CR	2C6886030		0.75
									732 FV CR	2C6886040		1.00
2AZ-FE, 2AZ-FXE	4 CYL	2.4 L	2362		2007-15	L4 Corolla, Camry, RAV4	88.50	1.00	398 BF CR S	2C5267	4	STD
DOHC						Scion XB		1.00	123 RVT PC DI	2C5267010		0.25
								2.00	991 FV CR	2C5267020		0.50
									005 FV CR	2C5267030		0.75
										2C5267040		1.00
2AZ-FE, 2AZ-FXE	4 CYL	2.4 L	3262		2001-07	L4 Camry, Highlander, Matrix	88.50	1.20	398 BF CR S	2C5090	4	STD
						Scion Tc, Solara		1.20	126 RVT PC GI	2C5090010		0.25
								2.00	991 FV CR	2C5090020		0.50
									005 FV CR	2C5090030		0.75
										2C5090040		1.00
									322 BF GN SS	2N5090	4	STD
									435 SCRP PC GI	2N509025		0.25
									987 FV GN SS	2N509050		0.50
									714 GN SS			
16R	4 CYL	2.6 L			1973-74	Corona MK II 2600	88.50	2.00	032 BF PC GI	5623	4	STD
						Shallow Oil Ring Grv.		2.50	401 SCRP PC GI	5623010		0.25
						Art Piston .156 Depth		4.00	056 FV CR	5623020		0.50
									732 FV CR	5623030		0.75
										5623040		1.00
									362 BF 3CR GI	2C5623	4	STD
									401 SCRP PC GI	2C5623010		0.25
									056 FV CR	2C5623020		0.50
									732 FV CR	2C5623030		0.75
										2C5623040		1.00
16R	4 CYL	2.6 L			1973-74	Corona MK II 2600	88.50	2.00	032 BF PC GI	6886	4	STD
						Deep Oil Grv.		2.50	401 SCRP PC GI	6886020		0.50
								4.00	860 FV CR	6886030		0.75
									732 FV CR	6886040		1.00
									362 BF 3CR GI	2C6886	4	STD
									401 SCRP PC GI	2C6886020		0.50
									860 FV CR	2C6886030		0.75
									732 FV CR	2C6886040		1.00
L	4 CYL	2.2 L	2188		1979-91	Hiace, Hilux	90.00	2.50	376 BF CR DI	2D5643	4	STD
						Mark II		2.00	126 RVT PC GI	2D564350		0.50
						Diesel Eng		4.00	553 CF CR GI	2D564375		0.75
									881 2PCO	2D5643100		1.00
2ARFE	4 CYL	2.5 L	2494		2009-17	VVT-i Camry, RAV4	90.00	1.00	398 BF CR S	2C4132	4	STD
								1.00	123 RVT PC DI	2C4132020		0.50
								2.00	991 FV CR	2C4132030		0.75
									005 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
TOYOTA												
1ARFE DOHC	4 CYL	2.7 L	2672		2009-15	Highlander, Venza	90.00	1.00 1.00 2.00	398 BF CR S 123 RVT PC DI 991 FV CR 005 FV CR	2C4132 2C4132020 2C4132030	4	STD 0.50 0.75
F	6 CYL	3.9 L	3878		1972-74	Landcruiser	90.00	2.00 2.50 4.00 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	4229 4229020	6	STD 0.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C4229 2C4229020	6	STD 0.50
4Y, 4YEC	4 CYL	2.2 L	2237		1985-90	Hiace Van	91.00	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 870 FV CR 732 FV CR	4480 4480010 4480020 4480030 4480040 4480060	4	STD 0.25 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 870 FV CR 732 FV CR	2C4480 2C4480010 2C4480020 2C4480030 2C4480040 2C4480060	4	STD 0.25 0.50 0.75 1.00 1.50
22R, 22RE, 22RGC, 22RTEC, 22REC	4 CYL	2.4 L	2366		1985-95	Celica, Pickup, 4Runner	92.00	1.50 1.50 4.00	032 BF PC GI 401 SCRP PC GI 870 FV CR 732 FV CR	4216 4216010 4216020 4216030 4216040 4216060	4	STD 0.25 0.50 0.75 1.00 1.50
									363 BF CR GI 401 SCRP PC GI 870 FV CR 732 FV CR	2C4216 2C4216010 2C4216020 2C4216030 2C4216040	4	STD 0.25 0.50 0.75 1.00
									335 T PM DI 401 SCRP PC GI 870 FV CR 732 FV CR	2M4216 2M4216010 2M4216020 2M4216030 2M4216040 2M4216060	4	STD 0.25 0.50 0.75 1.00 1.50
22R, 22REC	4 CYL	2.4 L	2366		1981-84	Celica, Corona, Pickup, 4runner	92.00	2.00 2.50 4.00	032 BF PC GI 126 RVT PC GI 870 FV CR 732 FV CR	5645 5645010 5645020 5645030 5645040 5645060	4	STD 0.25 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 870 FV CR 732 FV CR	2C5645 2C5645010 2C5645020 2C5645030 2C5645040 2C5645060	4	STD 0.25 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 870 FV CR 732 FV CR	2M5645 2M5645010 2M5645020 2M5645030 2M5645040 2M5645060	4	STD 0.25 0.50 0.75 1.00 1.50
2LT, 2LTE	4 CYL	2.4 L	2446		1977-06	Turbo Diesel	92.00	2.00 2.00 4.00	370 HKST 3CR GI 126 RVT PC GI 204 CF CR DI 881 2PCO	2D4225 2D422525 2D422550 2D422575 2D4225100	4	STD 0.25 0.50 0.75 1.00
2LT, 2LTE	4 CYL	2.4 L	2446		1977-06	Turbo Diesel	92.00	2.00 2.00 4.00	232 HKST CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2C7356	1	STD
3MZFE	6 CYL	3.3 L	3310		2003-10	Highlander, Sienna, Solara	92.00	1.20 1.20 3.00	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C5183 2C5183020 2C5183030 2C5183040	6	STD 0.50 0.75 1.00
2GD-FTV	4 CYL	2.4 L	2393		2015-18	Fortuner, Hi-Lux, Innova Diesel Eng.	92.00	2.00 1.50 3.00	276 HKST GN SS 264 TF GN SS 203 CF GN SS 881 2PCO	2D7306	4	STD

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
TOYOTA												
2KD-FTV	4 CYL	2.5 L	2494		2001-17	Dyna, Fortuner, Hiace, Hilux Diesel Eng	92.00	2.00 1.50 3.00	376 BF CR DI 363 BF CR GI 203 CF GN SS 881 2PCO	2D7359 2D735950	4	STD 0.50
5VZFE	6 CYL	3.4 L	3378		1996-06	4Runner T100 Tacoma	93.50	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 052 FV CR 732 FV CR	4911 4911020 4911030 4911040	6	STD 0.50 0.75 1.00
									363 BF CR GI 126 RVT PC GI 052 FV CR 732 FV CR	2C4911 2C4911010 2C4911020 2C4911030 2C4911040	6	STD 0.25 0.50 0.75 1.00
2GRFE Vin: W DOHC	6 CYL	3.5 L	3456		2005-15		94.00	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 991 FV CR 005 FV CR	2C4511 2C4511020 2C4511030 2C4511040	6	STD 0.50 0.75 1.00
3FE	6 CYL	4.0 L	3955		1988-92	Landcruiser	94.00	2.00 2.00 4.00	363 BF CR GI 126 RVT PC GI 870 FV CR 732 FV CR	2C4688 2C4688010 2C4688020 2C4688030 2C4688040	6	STD 0.25 0.50 0.75 1.00
1GRFE DOHC	6 CYL	4.0 L	3955		2003-15	Tacoma, Tundra	94.00	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 991 FV CR 005 FV CR	2C5151 2C5151020 2C5151030 2C5151040	6	STD 0.50 0.75 1.00
3F	6 CYL	4.0 L	3995		1986-90	Landcruiser	94.00	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 870 FV CR 732 FV CR	4612 4612020 4612040	6	STD 0.50 1.00
									363 BF CR GI 126 RVT PC GI 870 FV CR 732 FV CR	2C4612 2C4612020 2C4612030 2C4612040 2C4612060	6	STD 0.50 0.75 1.00 1.50
2F	6 CYL	4.2 L	4230		1974-87	Landcruiser	94.00	2.00 2.50 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5462 5462010 5462020 5462030 5462040 5462060	6	STD 0.25 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5462 2C5462010 2C5462020 2C5462030 2C5462040 2C5462060	6	STD 0.25 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M5462 2M5462010 2M5462020 2M5462030 2M5462040 2M5462060	6	STD 0.25 0.50 0.75 1.00 1.50
1URFE DOHC	8 CYL	4.6 L	4608		2009-19	Sequoia, Tundra	94.00	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 991 FV CR 005 FV CR	2C4586 2C4586010 2C4586020 2C4586030 2C4586040	8	STD 0.25 0.50 0.75 1.00
2UZFE DOHC	8 CYL	4.7 L	4663		2005-10	4 Runner, Land Cruiser Tundra	94.00	1.20 1.20 3.00	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4566 2C4566020 2C4566030 2C4566040	8	STD 0.50 0.75 1.00
2UZFE	8 CYL	4.7 L	4663		1999-04	Sequoia, Landcruiser, Tundra, 4Runner	94.00	1.50 1.50 4.00	335 T PM DI 126 RVT PC GI 856 FV CR 732 FV CR	2M5017 2M5017010 2M5017020 2M5017030 2M5017040	8	STD 0.25 0.50 0.75 1.00
3URFE DOHC	8 CYL	5.7 L	5663		2007-20	Land Crusier, Sequoia, Tundra	94.00	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 991 FV CR 005 FV CR	2C4586 2C4586010 2C4586020 2C4586030 2C4586040	8	STD 0.25 0.50 0.75 1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
TOYOTA												
2TZFE,2TZFZE	4 CYL	2.4 L	2438		1990-97	Previa	95.00	1.75	032 BF PC GI	4687	4	STD
								1.50	126 RVT PC GI	4687020		0.50
								4.00	870 FV CR	4687040		1.00
									732 FV CR			
									363 BF CR GI	2C4687	4	STD
									126 RVT PC GI	2C4687010		0.25
									870 FV CR	2C4687020		0.50
									732 FV CR	2C4687030		0.75
										2C4687040		1.00
2RZ-FE	4 CYL	2.4 L	2438		1995-97	Tacoma	95.00	1.50	362 BF 3CR GI	2C4908	4	STD
						Deep Oil Ring Grv.		1.50	126 RVT PC GI	2C4908010		0.25
								4.00	870 FV CR	2C4908020		0.50
									732 FV CR	2C4908030		0.75
										2C4908040		1.00
2RZ-FE	4 CYL	2.4 L	2438		1998-04	Tacoma	95.00	1.50	032 BF PC GI	4999	4	STD
DOHC						Shallow Oil Ring Grv.		1.50	126 RVT PC GI	4999020		0.50
								4.00	856 FV CR	4999040		1.00
									732 FV CR			
									335 T PM DI	2M4999	4	STD
									126 RVT PC GI	2M4999020		0.50
									856 FV CR	2M4999030		0.75
									732 FV CR	2M4999040		1.00
2TRFE	4 CYL	2.7 L	2693		2006-13	Hiace, Tacoma, 4Runner	95.00	1.20	398 BF CR S	2C5261	4	STD
								1.20	126 RVT PC GI	2C5261010		0.25
								2.00	991 FV CR	2C5261020		0.50
									005 FV CR	2C5261030		0.75
										2C5261040		1.00
3RZFE	4 CYL	2.7 L	2693		1995-10	4Runner, T100, Tacoma,	95.00	1.50	362 BF 3CR GI	2C4908	4	STD
						Hilux 2700P		1.50	126 RVT PC GI	2C4908010		0.25
						Deep Oil Ring Grv.		4.00	870 FV CR	2C4908020		0.50
									732 FV CR	2C4908030		0.75
										2C4908040		1.00
3RZ-FE	4 CYL	2.7 L	2693		1999-04	4Runner, T100, Tacoma	95.00	1.50	032 BF PC GI	4999	4	STD
DOHC						Shallow Oil Ring Grv.		1.50	126 RVT PC GI	4999020		0.50
								4.00	856 FV CR	4999040		1.00
									732 FV CR			
									335 T PM DI	2M4999	4	STD
									126 RVT PC GI	2M4999020		0.50
									856 FV CR	2M4999030		0.75
									732 FV CR	2M4999040		1.00
3L, KZTE	4 CYL	2.8 L	2779		1988-05	Hiace Van	96.00	2.00	370 HKST 3CR GI	2C4710	4	STD
						Toyo-Ace		2.00	126 RVT PC GI	2C4710020		0.50
						Hi-Lux		4.00	553 CF CR GI	2C4710040		1.00
						Diesel Eng			881 2PCO			
1KD-FTV	4 CYL	3.0 L	2982		2000-10	Hi Lux, Tocoma D4-D	96.00	2.00	370 HKST 3CR GI	2D4583	4	STD
DOHC						Diesel Eng		1.50	126 RVT PC GI	2D458350		0.50
								3.00	248 CF CR			
									881 2PCO			
1KD-FTV	4 CYL	3.0 L	2982		2000-10	Hi Lux, Tocoma D4-D	96.00	2.00	232 HKST CR DI	2C7330	1	STD
DOHC						Diesel Eng		1.50	218 TF PC DI			
								3.00	204 CF CR DI			
									881 2PCO			
1KZ-TE	4 CYL	3.0 L	2982			Land Cruiser	96.00	2.00	211 HKST CC DI	2D7310	4	STD
						Hilux Surf		2.00	415 SCRP TF PC DI			
						Hiace Wagon		3.00	553 2PCO CR GI			
						Diesel Eng.			881 2PCO			
OM314.910	4 CYL	3.8 L	3780			Bandeirante	97.00	3.00	227 FKST CR DI	2D4512	2	STD
						Diesel Eng.		3.00	035 TF PC GI	2D451250		0.50
								3.00	035 TF PC GI	2D4512100		1.00
								5.50	553 2PCO CR GI			
5L	4 CYL	3.0 L	3000			Hiace	99.50	2.00	370 HKST 3CR GI	2C5054	4	STD
						Diesel Eng		1.50	126 RVT PC GI	2C5054020		0.50
								4.00	553 CF CR GI	2C5054040		1.00
									881 2PCO			
1FZFE	6 CYL	4.5 L	4476		1994-97	Landcruiser	100.00	1.75	032 BF PC GI	4776	6	STD
								2.00	126 RVT PC GI	4776020		0.50
								4.00	052 FV CR	4776030		0.75
									732 FV CR	4776040		1.00
									363 BF CR GI	2C4776	6	STD
									126 RVT PC GI	2C4776010		0.25
									052 FV CR	2C4776020		0.50
									732 FV CR	2C4776030		0.75
										2C4776040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
TRIUMPH												
	4 CYL	1.3 L	1296		1966-72	1300TC,Spitfire Mark III	73.91	1.60	102 T PC GI	6840	4	STD
								1.60	401 SCRP PC GI	6840010		0.25
								4.00	058 FV CR	6840020		0.50
									732 FV CR	6840030		0.75
										6840040		1.00
										6840060		1.50
									362 BF 3CR GI	2C6840	4	STD
									401 SCRP PC GI	2C6840020		0.50
									058 FV CR	2C6840030		0.75
									732 FV CR	2C6840040		1.00
	4 CYL	1.3 L	1296		1966-68	1300, 13/60 OHV	73.91	1.60	102 T PC GI	6840	4	STD
								1.60	401 SCRP PC GI	6840010		0.25
								4.00	058 FV CR	6840020		0.50
									732 FV CR	6840030		0.75
										6840040		1.00
										6840060		1.50
									362 BF 3CR GI	2C6840	4	STD
									401 SCRP PC GI	2C6840020		0.50
									058 FV CR	2C6840030		0.75
									732 FV CR	2C6840040		1.00
	4 CYL	1.5 L	1493		1973-80	Spitfire Mark IV	73.91	1.60	102 T PC GI	6840	4	STD
								1.60	401 SCRP PC GI	6840010		0.25
								4.00	058 FV CR	6840020		0.50
									732 FV CR	6840030		0.75
										6840040		1.00
										6840060		1.50
									362 BF 3CR GI	2C6840	4	STD
									401 SCRP PC GI	2C6840020		0.50
									058 FV CR	2C6840030		0.75
									732 FV CR	2C6840040		1.00
TR6 ,TR250	6 CYL	2.5 L	2498		1968-76		74.68	1.60	102 T PC GI	6817	6	STD
								1.60	401 SCRP PC GI	6817020		0.50
								4.00	056 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C6817	6	STD
									401 SCRP PC GI			
									056 FV CR			
									732 FV CR			
TR4, TR4A	4 CYL	2.1 L	2138		1962-69		86.00	1.60	102 T PC GI	6735	4	STD
								1.60	102 T PC GI	6735040		1.00
								4.00	058 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C6735	4	STD
									102 T PC GI	2C6735040		1.00
									058 FV CR			
									732 FV CR			
TR8	8 CYL	3.5 L	3522		1979-82		88.90	1.60	032 BF PC GI	4289	8	STD
								1.60	126 RVT PC GI	4289020		0.50
								4.75	860 FV CR	4289030		0.75
									732 FV CR			
									362 BF 3CR GI	2C4289	8	STD
									126 RVT PC GI	2C4289020		0.50
									860 FV CR	2C4289030		0.75
									732 FV CR			
TR7	4 CYL	2.0 L	1998		1975-80		90.30	1.75	362 BF 3CR GI	2C4443	4	STD
								1.75	126 RVT PC GI	2C4443020		0.50
								4.00	860 FV CR			
									732 FV CR			
TRIUMPH-MOTORCYCLE												
	1 CYL		250		1967-70		67.01	1.60	102 T PC GI	6942	1	STD
	3 CYL		750		1969-75			1.60	102 T PC GI	6942040		1.00
								3.18	501 1PCO PC GI			
									826 2PCO			
									362 BF 3CR GI	2C6942	1	STD
									102 T PC GI	2C6942040		1.00
									501 1PCO PC GI			
									826 2PCO			
	2 CYL		650		1966-75		70.99	1.60	102 T PC GI	6938	2	STD
								1.60	102 T PC GI	6938040		1.00
								3.18	501 1PCO PC GI			
									362 BF 3CR GI	2C6938	2	STD
									102 T PC GI	2C6938020		0.50
									501 1PCO PC GI	2C6938080		2.00
TR7, T140	2 CYL						76.02	1.60	102 T PC GI	5119	2	STD
								1.60	102 T PC GI	5119020		0.50
								3.18	501 1PCO PC GI	5119040		1.00
										5119060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
VAUXHALL												
Y13DT, Z13DT	4 CYL	1.3 L	1248		2004-12	Agila, Combo, Corsa, Meriva, Tigra Turbo Diesel	69.60	2.00 1.50 2.00	205 BF CR DI 206 TF PC DI 248 CF CR 881 2PCO	2D7101 2D710140 2D710160	1 1 1	STD 0.40 0.60
X10XE, Z10XE	4 CYL	1.0 L	973		1996-00	Agila, Corsa	72.50	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 990 FV CR 732 FV CR	2C5675 2C567550	1	STD 0.50
									322 BF GN SS 126 RVT PC GI 990 FV CR 732 FV CR	2N5675 2N567525 2N567550	1	STD 0.25 0.50
Z12XE, X12XE	4 CYL	1.2 L	1199		1998-00	Astra, Agila, Corsa	72.50	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 990 FV CR 732 FV CR	2C5675 2C567550	1	STD 0.50
									322 BF GN SS 126 RVT PC GI 990 FV CR 732 FV CR	2N5675 2N567525 2N567550	1	STD 0.25 0.50
A 14 NET Euro 5	4 CYL	1.4 L	1364		2010-On	Astra, Cascada, Insignia	72.50	1.20 1.20 2.00	322 BF GN SS 406 N PC DI 987 FV GN SS 714 GN SS	2N4141	4	STD
B 12 XE	3 CYL	1.2 L	1119		2017-On	Crossland	75.00	1.00 1.00 2.00	322 BF GN SS 406 N PC DI 248 CF CR 881 2PCO	2N4069 2N406925	3	STD 0.25
A17DT, A1DTC, A17DTI A17DTJ, A17DTL, A17DTR, A17DTS, Z17DTJ, Z17DTR	4 CYL	1.7 L	1686		2004-14	Astra, Corsa, Meriva, Zafira	79.00	2.00 2.00 3.00	276 HKST GN SS 236 TF CR DI 203 CF GN SS 881 2PCO	2D7540 2D754025 2D754050	4	STD 0.25 0.50
F8Q SOHC	4 CYL	1.9 L	1870		1998-06	Arena Combi Diesel Eng	80.00	2.00 2.00 3.00	219 BF PM DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2M5860	1	STD
	4 CYL	1.3 L	1300		1970-On	Viva HC	80.96	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	4417 4417040	4	STD 1.00
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4417 2C4417020 2C4417030	4	STD 0.50 0.75
Z 19 DTH, Z 19 DTJ	4 CYL	1.9 L	1910		2004-11	Astra, Signum, Vectra, Zafira Diesel Eng	82.00	2.00 2.00 2.00	205 BF CR DI 214 RVL PC DI 248 CF CR 881 2PCO	2D7366 2D736640 2D736660	1	STD 0.40 0.60
A 20 DT, A 20 DTC A 20 DTE, A 20 DTH A 20 DTJ, A 20 DTL A 20 DTR, A 20 FD Y 20 DTJ, Z 20 DTJ	4 CYL	2.0 L	1956		2008-On	Astra, Insignia, Zafira Diesel Eng Turbo Intercooled	83.00	1.50 1.50 2.00	239 BF CC DI 406 N PC DI 553 CF CR GI 881 2PCO	2D7528 2D752840	4	STD 0.40
Z 20DM, Z20 DHM	4 CYL	2.0 L	1991		2006-15	Antara	83.00	2.00 2.00 3.00	227 FKST CR DI 123 RVT PC DI 203 CF GN SS 881 2PCO	2D7810 2D781050	4	STD 0.50
X20DTL, Y20DTL SOHC	4 CYL	2.0 L	1995		1998-06	Astra, Vectra Turbo Diesel	84.00	2.00 1.75 3.00	205 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2D7290	1	STD
M9R	4 CYL	2.0 L	1995		2006-On	Turbo Diesel	84.00	2.50 2.00 2.00	211 HKST CC DI 210 SCRP TF PC DI 248 CF CR 881 2PCO	2D7343 2D734350	1	STD 0.50
X20DTH SOHC	4 CYL	2.0 L	1995		1995-05	Astra, Omega, Vectra Turbo Diesel w/Keystone top grv.	84.00	2.50 1.75 3.00	241 FKST CC DI 218 TF PC DI 204 CF CR DI 881 2PCO	2D7376	1	STD
Y 20 DTH	4 CYL	2.0 L	1995		1995-08	Astra, Omega, Vectra Turbo Diesel	84.00	1.75 1.75 3.00	205 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2D7167	1	STD
X 22 DTH, Y 22 DTH, Y 22 DTR	4 CYL	2.2 L	2172		1997-08	Astra, Omega, Vectra Turbo Diesel	84.00	1.75 1.75 3.00	205 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2D7167	1	STD

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
VAUXHALL												
OHC	4 CYL	1.6 L	1597		1968-70		85.73	2.00 2.00 4.75	032 BF PC GI 401 SCRP PC GI 860 FV CR 732 FV CR	6874	4	STD
									362 BF 3CR GI 401 SCRP PC GI 860 FV CR 732 FV CR	2C6874	4	STD
G9T 720, G9T 722, G9T 750	4 CYL	2.2 L	2188		2000-10	Movano Turbo Diesel	87.00	3.00 1.75 2.50	228 HKST PM DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2M7349	1	STD
G9U 630	4 CYL	2.5 L	2464		2003-06	Vivaro Turbo Diesel	89.00	3.00 1.75 2.50	228 HKST PM DI 218 TF PC DI 204 CF CR DI 881 2PCO	2M7328	1	STD
25TDS (VM41B)	4 CYL	2.5 L	2499		1996-98	Frontera Turbo Diesel	92.00	2.50 2.00 4.00	225 FKST CR DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
4JA1	4 CYL	2.5 L	2499		1989-97	Diesel Eng Chrome Slvs use 7384	93.00	2.00 2.00 4.00	252 BF PC GI 218 TF PC DI 200 CF PC GI 881 2PCO	7384	1	STD
									217 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2C7384	1	STD
S9W 700, S9W 702	4 CYL	2.8 L	2799		1998-01	Turbo Diesel	94.40	3.00 2.00 3.00	225 FKST CR DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2C7353	1	STD
S9W 700, S9W 702	4 CYL	2.8 L	2799		1998-01	Turbo Diesel	94.40	2.50 2.00 2.50	233 FKST PM DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2M7450	1	STD
OHC	4 CYL	2.0 L	1975	121	1970-71		95.25	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6873 6873010 6873020 6873030	4	STD 0.25 0.50 0.75
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6873	4	STD
VMMOTORI												
HR92-1	1 CYL	0.6 L	598			Diesel Eng Incl Turbo	92.00	2.50 2.00 4.00	225 FKST CR DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
HR92-2	2 CYL	1.2 L	1196			Diesel Eng Incl Turbo	92.00	2.50 2.00 4.00	225 FKST CR DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
HR92-3 VM 392 HT	3 CYL 3 CYL	1.8 L 1.8 L	1794 1779			Diesel Eng Incl Turbo	92.00	2.50 2.00 4.00	225 FKST CR DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
HR92-4, VM 492 HT, VM 81 A	4 CYL	2.4 L	2392			Diesel Eng Incl Turbo	92.00	2.50 2.00 4.00	225 FKST CR DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
HR92-5	5 CYL	3.0 L	2990			Diesel Eng Incl Turbo	92.00	2.50 2.00 4.00	225 FKST CR DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
HR92-6	6 CYL	3.6 L	3588			Diesel Eng Incl Turbo	92.00	2.50 2.00 4.00	225 FKST CR DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
HR94 DOHC TCi	4 CYL	2.8 L	2776			Diesel Eng	94.00	3.00 2.00 4.00	225 FKST CR DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2C7362	1	STD

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
VOLKSWAGEN												
EA111	4 CYL	1.0 L	999		1996-On	RSH, Lupo, Polo	67.10	1.20	398 BF CR S	2C4808	4	STD
								1.50	401 SCRP PC GI	2C4808020		0.50
								2.00	986 FV CR	2C4808040		1.00
									732 FV CR			
AZP, BTY	4 CYL	1.0 L	999		2000-On	Fox, Gol , Paraty, Saveiro	67.10	1.00	398 BF CR S	2C5207	4	STD
								1.00	123 RVT PC DI	2C5207020		0.50
								1.50	981 FV CR			
									005 FV CR			
HA	4 CYL	0.9 L	895		1975-82	Polo, Derby	69.50	1.75	362 BF 3CR GI	2C4484	4	STD
								2.50	401 SCRP PC GI			
								4.00	055 FV CR			
									732 FV CR			
HA	4 CYL	0.9 L	895		1975-82	Polo, Derby	69.50	1.75	032 BF PC GI	6192	4	STD
								2.00	401 SCRP PC GI	6192020		0.50
								4.00	055 FV CR	6192040		1.00
									732 FV CR			
									362 BF 3CR GI	2C6192	4	STD
									401 SCRP PC GI	2C6192010		0.25
									055 FV CR	2C6192020		0.50
									732 FV CR	2C6192030		0.75
										2C6192040		1.00
FA, FJ, GG	4 CYL	1.1 L	1093		1974-90	Golf, Jetta, Scirocco	69.50	1.75	362 BF 3CR GI	2C4484	4	STD
HB, HC, HD						Derby, Golf, Polo		2.50	401 SCRP PC GI			
								4.00	055 FV CR			
									732 FV CR			
FA, FJ, GG	4 CYL	1.1 L	1093		1974-90	Golf, Jetta, Scirocco	69.50	1.75	032 BF PC GI	6192	4	STD
HB, HC, HD						Derby, Golf, Polo		2.00	401 SCRP PC GI	6192020		0.50
								4.00	055 FV CR	6192040		1.00
									732 FV CR			
									362 BF 3CR GI	2C6192	4	STD
									401 SCRP PC GI	2C6192010		0.25
									055 FV CR	2C6192020		0.50
									732 FV CR	2C6192030		0.75
										2C6192040		1.00
	4 CYL	1.0 L	1000			Gol	70.30	1.50	362 BF 3CR GI	2C4273	4	STD
						Brazilian Mahle Piston		1.50	126 RVT PC GI			
								3.00	996 FV CR			
									732 FV CR			
CBZA, CBZB, CBCZ,	4 CYL	1.2 L	1197		2010-18	Beetle, Caddy, Golf,	71.00	1.20	322 BF GN SS	2N4126	4	STD
CJZA, CJZB, CJZC,						Jetta, Polo, Touran,		1.20	236 TF CR DI	2N412625		0.25
CJZD, CYVA, CYVB						Vento		2.00	987 FV GN SS	2N412650		0.50
CYVC, CYVD									714 GN SS			
CHYA, CHYB, CPGA	3 CYL	1.0 L	999		2011-On	Polo, Up	74.50	1.00	322 BF GN SS	2N5672	3	STD
								1.20	126 RVT PC GI			
								2.00	993 FV CR			
									732 FV CR			
AAU, AEV	4 CYL	1.0 L	1043		1990-99	Polo	75.00	1.50	032 BF PC GI	5021	4	STD
								1.50	435 SCRP PC GI			
								2.50	995 FV CR			
									732 FV CR			
									363 BF CR GI	2C5021	4	STD
									435 SCRP PC GI	2C5021010		0.25
									995 FV CR	2C5021020		0.50
									732 FV CR	2C5021030		0.75
										2C5021040		1.00
3F	4 CYL	1.3 L	1272		1989-94	Polo	75.00	1.50	032 BF PC GI	5021	4	STD
								1.50	435 SCRP PC GI			
								2.50	995 FV CR			
									732 FV CR			
									363 BF CR GI	2C5021	4	STD
									435 SCRP PC GI	2C5021010		0.25
									995 FV CR	2C5021020		0.50
									732 FV CR	2C5021030		0.75
										2C5021040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
VOLKSWAGEN												
ABD	4 CYL	1.4 L	1391		1991-96	Golf, CL/Gl, Polo, CL/GT, Vento CL/GL	75.00	1.50	032 BF PC GI	5021	4	STD
								1.50	435 SCRP PC GI			
								2.50	995 FV CR			
									732 FV CR			
									363 BF CR GI	2C5021	4	STD
									435 SCRP PC GI	2C5021010		0.25
									995 FV CR	2C5021020		0.50
									732 FV CR	2C5021030		0.75
										2C5021040		1.00
CNWA, CAVE, CAVD, CAVC, CAVB, CAVA, CTHE, CTHA, CNWB,						Sharan, Beetle, Eos, Scirocco, Polo incl. Turbo		1.50	126 RVT PC GI	2C5391020		0.50
								2.00	993 FV CR			
									005 FV CR			
									322 BF GN SS	2N5391	4	STD
									126 RVT PC GI	2N539125		0.25
									987 FV GN SS	2N539150		0.50
									714 GN SS			
BCA, BKR, BKY, BUD, CAXA, CDDA, CFNA, CFNB, CGGA, CGGB, CPLA, CMSB	4 CYL	1.4 L	1390		2007-13	Caddy,TSI Eos, Golf, Jetta, Passat, Polo, Scirocco, Touran	76.50	1.20	398 BF CR S	2C5438	4	STD
								1.20	126 RVT PC GI	2C543850		0.50
								2.00	993 FV CR			
									005 FV CR			
									322 BF GN SS	2N5438	4	STD
									126 RVT PC GI	2N543825		0.25
									993 FV CR	2N543850		0.50
									005 FV CR			
AGY	4 CYL	1.4 L	1423		1996-09	Golf, Polo	76.50	1.20	398 BF CR S	2C5294	4	STD
								1.50	401 SCRP PC GI	2C5294020		0.50
								2.50	995 FV CR	2C5294040		1.00
									732 FV CR			
YJ, ZB, ZC	4 CYL	1.5 L	1471		1973-77	Dasher, Rabbit, Scirocco	76.50	2.00	032 BF PC GI	4282	4	STD
								2.50	126 RVT PC GI	4282020		0.50
								4.00	056 FV CR	4282030		0.75
									732 FV CR	4282040		1.00
									363 BF CR GI	2C4282	4	STD
									126 RVT PC GI	2C4282010		0.25
									056 FV CR	2C4282020		0.50
									732 FV CR	2C4282030		0.75
										2C4282040		1.00
CK	4 CYL	1.5 L	1471		1976-80	Golf, Jetta, Passat incl. Turbo Diesel	76.50	1.75	215 TBF CR DI	2C7148	1	STD
								2.00	209 RVT PC DI	2C714850		
								3.00	204 CF CR DI	2C7148100		
									881 2PCO			
BAG, BLF, BLP, BTS	4 CYL	1.6 L	1598		2003-11	FSI Eos, Golf, Jetta, Passat, Touran	76.50	1.20	398 BF CR S	2C5438	4	STD
								1.20	126 RVT PC GI	2C543850		0.50
								2.00	993 FV CR			
									005 FV CR			
						Passat, Touran						
									322 BF GN SS	2N5438	4	STD
									126 RVT PC GI	2N543825		0.25
									993 FV CR	2N543850		0.50
									005 FV CR			
CR, CS, JK, JP, ME	4 CYL	1.6 L	1588		1979-92	Golf, Jetta, Passat, Santana incl. Turbo Diesel	76.50	1.75	215 TBF CR DI	2C7148	1	STD
								2.00	209 RVT PC DI	2C714850		
								3.00	204 CF CR DI	2C7148100		
									881 2PCO			
ABU	4 CYL	1.6 L	1598		1993-98	Golf,Vento	76.50	1.50	362 BF 3CR GI	2C5022	4	STD
								1.50	401 SCRP PC GI	2C5022020		0.50
								2.50	995 FV CR	2C5022030		0.75
									732 FV CR	2C5022040		1.00
	4 CYL	1.6 L			1976-On	Dasher D, Golf D, Jetta D, Passat D, Santana D Fits Brazilian Mahle Piston Diesel Eng	76.50	1.75	032 BF PC GI	4832	4	STD
								2.00	401 SCRP PC GI	4832020		0.50
								3.00	054 FV CR			
									732 FV CR			
									363 BF CR GI	2C4832	4	STD
									401 SCRP PC GI	2C4832040		1.00
									054 FV CR			
									732 FV CR			
	4 CYL	1.6 L	1600		1974-76	Dasher, Rabbit,Passat, Scirocco	76.50	2.00	032 BF PC GI	4282	4	STD
								2.50	126 RVT PC GI	4282020		0.50
								4.00	056 FV CR	4282030		0.75
									732 FV CR	4282040		1.00
									363 BF CR GI	2C4282	4	STD
									126 RVT PC GI	2C4282010		0.25
									056 FV CR	2C4282020		0.50
									732 FV CR	2C4282030		0.75
										2C4282040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
VOLKSWAGEN												
CN	5 CYL	2.0 L	1986		1983-84	Diesel Eng	76.50	1.75	362 BF 3CR GI	2D4498	5	STD
								2.00	401 SCRP PC GI	2D449825		0.25
								3.00	204 CF CR DI	2D449850		0.50
									881 2PCO	2D449875		0.75
										2D4498100		1.00
TR6	6 CYL	2.4 L	2383		1978-80	Golf, Jetta, Passat	76.50	1.75	215 TBF CR DI	2C7148	1	STD
						incl. Turbo Diesel		2.00	209 RVT PC DI	2C714850		
								3.00	204 CF CR DI	2C7148100		
									881 2PCO			
111, 211	4 CYL	1.2 L	1192		1954-65	1200, 30CV	77.00	2.50	362 BF 3CR GI	2C5868	4	STD
						1200 36-40 H.P.		2.50	401 SCRP PC GI			
								4.00	056 FV CR			
									732 FV CR			
AB, D, E, F	4 CYL	1.3 L	1285		1964-81	Beatle, Karmann	77.00	2.00	102 T PC GI	6780	4	STD
						(1200 and 1300)		2.00	435 SCRP PC GI			
								4.00	056 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C6780	4	STD
									435 SCRP PC GI	2C6780020		0.50
									056 FV CR	2C6780040		1.00
									732 FV CR			
	4 CYL	1.3 L			1967-75	Type I, Type II	77.00	2.00	102 T PC GI	4851	4	STD
						Fits Brazilian Mahle Piston		2.00	401 SCRP PC GI	4851020		0.50
								4.00	058 FV CR			
									732 FV CR			
	4 CYL	1.6 L	1588			GOL, AE1600	77.00	1.50	032 BF PC GI	4977	4	STD
						Fits Brazilian Mahle Piston		1.50	401 SCRP PC GI			
								2.00	993 FV CR			
									005 FV CR			
									363 BF CR GI	2C4977	4	STD
									401 SCRP PC GI	2C4977020		0.50
									993 FV CR	2C4977040		1.00
									005 FV CR			
	4 CYL	1.6 L	1588			AE Voyage,Gol, Parati,	77.00	1.50	032 BF PC GI	4803	4	STD
						Saveiro		1.50	126 RVT PC GI	4803020		1.00
						Fits Brazilian Mahle Piston		3.00	054 FV CR			
									732 FV CR			
									363 BF CR GI	2C4803	4	STD
									126 RVT PC GI	2C4803020		0.50
									054 FV CR			
									732 FV CR			
AFB, AKE, AKN,	6 CYL	2.5 L	2496		1997-05	Turbo Diesel	78.30	1.75	205 BF CR DI	2D7284	1	STD
AYM, BAU								2.00	214 RVT PC DI			
DOHC								3.00	204 CF CR DI			
									881 2PCO			
EH	4 CYL	1.5 L	1457		1976-80	Rabbit	79.50	1.75	032 BF PC GI	4490	4	STD
								2.00	126 RVT PC GI	4490010		0.25
								4.00	056 FV CR	4490020		0.50
									732 FV CR	4490030		0.75
										4490040		1.00
										4490060		1.50
									363 BF CR GI	2C4490	4	STD
									126 RVT PC GI	2C4490010		0.25
									056 FV CR	2C4490020		0.50
									732 FV CR	2C4490030		0.75
										2C4490040		1.00
										2C4490060		1.50
									327 BF PM GI	2M4490	4	STD
									126 RVT PC GI	2M4490010		0.25
									056 FV CR	2M4490020		0.50
									732 FV CR	2M4490030		0.75
										2M4490040		1.00
										2M4490060		1.50
JB	4 CYL	1.5 L	1457		1977-84	Dasher, Golf, Rabbit,	79.50	1.75	032 BF PC GI	6118	4	STD
								2.50	126 RVT PC GI	6118020		0.50
								5.00	860 FV CR	6118030		0.75
									732 FV CR	6118040		1.00
									362 BF 3CR GI	2C6118	4	STD
									126 RVT PC GI	2C6118020		0.50
									860 FV CR	2C6118040		1.00
									732 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
VOLKSWAGEN												
	4 CYL	1.6 L	1588		1974-77	Dasher, So, Rabbit, Scirocco	79.50	2.00	032 BF PC GI	4304	4	STD
								2.50	126 RVT PC GI	4304020		0.50
								5.00	860 FV CR	4304040		1.00
									732 FV CR			
									362 BF 3CR GI	2C4304	4	STD
									126 RVT PC GI	2C4304020		0.50
									860 FV CR			
									732 FV CR			
	4 CYL	1.6 L	1588		1976-77	Dasher, Rabbit, Scirocco	79.50	1.75	032 BF PC GI	6117	4	STD
						High Performance Piston		2.00	126 RVT PC GI	6117020		0.50
								5.00	860 FV CR	6117040		1.00
									732 FV CR			
									362 BF 3CR GI	2C6117	4	STD
									126 RVT PC GI	2C6117020		0.50
									860 FV CR	2C6117040		1.00
									732 FV CR			
FN,FT,YS	4 CYL	1.6 L	1588		1976-84	Scrirocco	79.50	1.75	032 BF PC GI	6118	4	STD
								2.50	126 RVT PC GI	6118020		0.50
								5.00	860 FV CR	6118030		0.75
									732 FV CR	6118040		1.00
									362 BF 3CR GI	2C6118	4	STD
									126 RVT PC GI	2C6118020		0.50
									860 FV CR	2C6118040		1.00
									732 FV CR			
	4 CYL	1.6 L	1588		1975-On	Dasher, Golf, Passat	79.50	2.00	363 BF CR GI	2C4828	4	STD
						Fits Brazilian Mahle Piston		2.50	126 RVT PC GI	2C4828020		0.50
								5.00	870 FV CR			
									732 FV CR			
FN, YN	4 CYL	1.6 L	1588		1978-88	Dasher,Quantum,Rabbit	79.50	1.75	032 BF PC GI	4490	4	STD
								2.00	126 RVT PC GI	4490010		0.25
								4.00	056 FV CR	4490020		0.50
									732 FV CR	4490030		0.75
										4490040		1.00
										4490060		1.50
									363 BF CR GI	2C4490	4	STD
									126 RVT PC GI	2C4490010		0.25
									056 FV CR	2C4490020		0.50
									732 FV CR	2C4490030		0.75
										2C4490040		1.00
										2C4490060		1.50
									327 BF PM GI	2M4490	4	STD
									126 RVT PC GI	2M4490010		0.25
									056 FV CR	2M4490020		0.50
									732 FV CR	2M4490030		0.75
										2M4490040		1.00
										2M4490060		1.50
	4 CYL	1.6 L	1600			Passat, Santana, Scirocco	79.50	1.75	032 BF PC GI	4833	4	STD
						Fits Brazilian Mahle Piston		2.00	126 RVT PC GI	4833020		0.50
								4.00	058 FV CR	4833040		1.00
									732 FV CR			
									363 BF CR GI	2C4833	4	STD
									126 RVT PC GI	2C4833020		0.50
									058 FV CR	2C4833040		1.00
									732 FV CR			
KY	4 CYL	1.7 L	1715		1985-05	Transporter	79.50	1.75	205 BF CR DI	2D5854	1	STD
						Diesel Eng		2.00	126 RVT PC GI	2D585425		0.25
						w/2 pc oil ring		3.00	204 CF CR DI	2D585450		0.50
									881 2PCO	2D5854100		1.00
EN	4 CYL	1.7 L	1716		1978-86	Rabbit, Scirocco	79.50	1.75	032 BF PC GI	4490	4	STD
								2.00	126 RVT PC GI	4490010		0.25
								4.00	056 FV CR	4490020		0.50
									732 FV CR	4490030		0.75
										4490040		1.00
										4490060		1.50
									363 BF CR GI	2C4490	4	STD
									126 RVT PC GI	2C4490010		0.25
									056 FV CR	2C4490020		0.50
									732 FV CR	2C4490030		0.75
										2C4490040		1.00
										2C4490060		1.50
									327 BF PM GI	2M4490	4	STD
									126 RVT PC GI	2M4490010		0.25
									056 FV CR	2M4490020		0.50
									732 FV CR	2M4490030		0.75
										2M4490040		1.00
										2M4490060		1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
VOLKSWAGEN												
1X, 1Y, AAZ, ABL, ADE, ADG, AEF	4 CYL	1.9 L	1896		1989-04	Golf, Passat, Polo, Transporter, Vento Diesel Eng w/2 pc oil ring	79.50	1.75	205 BF CR DI	2D5854	1	STD
								2.00	126 RVT PC GI	2D585425		0.25
								3.00	204 CF CR DI	2D585450		0.50
									881 2PCO	2D5854100		1.00
WE	5 CYL	2.1 L	2144		1978-84	Passat, Santana	79.50	1.75	363 BF CR GI	2C6145	5	STD
								2.00	126 RVT PC GI	2C6145020		0.50
								4.00	056 FV CR			
									732 FV CR			
AJA, AAB	5 CYL	2.4 L	2370		1990-03	Chassis, Transporter Diesel Eng w/2 pc oil ring	79.50	1.75	205 BF CR DI	2D5854	1	STD
								2.00	126 RVT PC GI	2D585425		0.25
								3.00	204 CF CR DI	2D585450		0.50
									881 2PCO	2D5854100		1.00
AJA, AAB	5 CYL	2.4 L	2370		1990-03	Chassis, Transporter Diesel Eng w/2 pc oil ring	79.50	1.75	205 BF CR DI	2D5854	1	STD
								2.00	126 RVT PC GI	2D585425		0.25
								3.00	204 CF CR DI	2D585450		0.50
									881 2PCO	2D5854100		1.00
	4 CYL	1.6 L	1588			Passat	81.00	1.50	032 BF PC GI	4683	4	STD
								1.50	126 RVT PC GI	4683020		0.50
								3.00	054 FV CR	4683030		0.75
									732 FV CR	4683040		1.00
									335 T PM DI	2M4683	4	STD
									126 RVT PC GI	2M4683010		0.25
									054 FV CR	2M4683020		0.50
									732 FV CR	2M4683030		0.75
										2M4683040		1.00
									322 BF GN SS	2N4683	4	STD
									126 RVT PC GI	2N468325		0.25
									987 FV GN SS	2N468350		0.50
									714 GN SS	2N468375		0.75
AHL, ALZ, ANA, ARM, AVU, AYD,BFQ, BFS, BGU,BSE, BSF	4 CYL	1.6 L	1595		1997-On	Bora, Golf,Jetta, Caddy, Passat, Touran,New Beetle	81.00	1.00	398 BF CR S	2C4590	4	STD
								1.20	126 RVT PC GI	2C4590020		0.50
								2.00	993 FV CR	2C4590040		1.00
									005 FV CR			
AEH, AFT, AKL, APF, AUR	4 CYL	1.6 L	1595		1996-02	Cordoba, Ibiza, Leon, Toledo	81.00	1.20	398 BF CR S	2C5095	4	STD
								1.50	126 RVT PC GI	2C5095010		0.25
								2.00	934 FV CR	2C5095020		0.50
									935 FV CR	2C5095030		0.75
										2C5095040		1.00
1F, ABN, DT,EZ, RE, RF, RL	4 CYL	1.6 L	1595		1983-97	Caddy, Golf, Jetta, Rabbit, Scirocco	81.00	1.50	032 BF PC GI	4341	4	STD
								1.75	126 RVT PC GI	4341010		0.25
								3.00	054 FV CR	4341020		0.50
									732 FV CR	4341030		0.75
										4341040		1.00
									362 BF 3CR GI	2C4341	4	STD
									126 RVT PC GI	2C4341010		0.25
									054 FV CR	2C4341020		0.50
									732 FV CR	2C4341030		0.75
										2C4341040		1.00
									335 T PM DI	2M4341	4	STD
									126 RVT PC GI	2M4341010		0.25
									054 FV CR	2M4341020		0.50
									732 FV CR	2M4341030		0.75
										2M4341040		1.00
UDH	4 CYL	1.8 L	1781		1987- On	Pointer	81.00	1.20	398 BF CR S	2C5095	4	STD
								1.50	126 RVT PC GI	2C5095010		0.25
								2.00	934 FV CR	2C5095020		0.50
									935 FV CR	2C5095030		0.75
										2C5095040		1.00
AGN, AGU,APT, ARG DOHC incl. Turbo	4 CYL	1.8 L	1781		1996-00	Bora, Golf, Passat	81.00	1.50	032 BF PC GI	4923	4	STD
								1.75	126 RVT PC GI	4923020		0.50
								2.00	993 FV CR			
									005 FV CR			
									335 T PM DI	2M4923	4	STD
									126 RVT PC GI	2M4923020		0.50
									993 FV CR	2M4923030		0.75
									005 FV CR	2M4923040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
VOLKSWAGEN												
AAM, ACC, JN, RD, RM, RP	4 CYL	1.8 L	1781		1983-02	Golf, Jetta, Passat	81.00	1.50	032 BF PC GI	4341	4	STD
								1.75	126 RVT PC GI	4341010		0.25
								3.00	054 FV CR	4341020		0.50
									732 FV CR	4341030		0.75
										4341040		1.00
									362 BF 3CR GI	2C4341	4	STD
									126 RVT PC GI	2C4341010		0.25
									054 FV CR	2C4341020		0.50
									732 FV CR	2C4341030		0.75
										2C4341040		1.00
									335 T PM DI	2M4341	4	STD
									126 RVT PC GI	2M4341010		0.25
									054 FV CR	2M4341020		0.50
									732 FV CR	2M4341030		0.75
										2M4341040		1.00
CRBC, CRBL, CRVA	4 CYL	2.0 L	1968		2012-on	GOLF VII Turbo Diesel	81.00	1.75	363 BF CR GI	2C7487	1	STD
								2.00	130 RVT PC GI			
								2.00	203 CF GN SS			
									881 2PCO			
AAC, AZV, BDK, BMM, BNA, BST SOHC	4 CYL	2.0 L	1968		1990-10	Golf, Jetta, Passat Diesel Eng w/2 pc oil ring	81.00	1.75	205 BF CR DI	2D7282	1	STD
								2.00	130 RVT PC GI	2D728250		0.50
								3.00	204 CF CR DI			
									881 2PCO			
HY, JT, KM, KV, KX	5 CYL	2.2 L	2226		1983-88	Passat Variant	81.00	1.50	335 T PM DI	2D4541	5	STD
								1.75	126 RVT PC GI	2D454150		0.50
								3.00	553 CF CR GI	2D454175		0.75
									881 2PCO			
	6 CYL	2.4 L	2400			5 Valve V-6	81.00	1.50	327 BF PM GI	2D5020	6	STD
								1.50	401 SCRP PC GI			
								2.00	203 CF GN SS			
									881 2PCO			
AAF, ACU, AET, AEV SOHC	5 CYL	2.5 L	2459		1990-03	Transporter Diesel Eng w/2 pc oil ring	81.00	1.75	205 BF CR DI	2D7282	1	STD
								2.00	130 RVT PC GI	2D728250		0.50
								3.00	204 CF CR DI			
									881 2PCO			
ACU, AAF	5 CYL	2.5 L	2459		1990-96	Caravelle, Transporter 3 PC Oil Ring	81.00	1.75	032 BF PC GI	4922	5	STD
								2.00	126 RVT PC GI	4922020		0.50
								3.00	054 FV CR	4922030		0.75
									732 FV CR	4922040		1.00
									362 BF 3CR GI	2C4922	5	STD
									126 RVT PC GI	2C4922020		0.50
									054 FV CR	2C4922030		0.75
									732 FV CR	2C4922040		1.00
ACV, AGX, AHD, AJT, AXD, AXE, BAC, BCT, BCU, BCV, BJL BJM, BCT,BLJ, BLK, BTW CECA, CECB	5 CYL	2.5 L	2461		1995-11	Turbo Diesel	81.00	2.50	212 TBF CC DI	2D7476	1	STD
								2.00	130 RVT PC GI	2D747650		0.50
								3.00	204 CF CR DI			
									881 2PCO			
AJS, AXD, AXE, AYH, BAC, BCT, BCU, BCV, BJL, BJM, BLJ, BLK, CBWA, CECA, CECB	5 CYL	2.5 L	2461		2002-10	Crafter, Multivan Touareg, Stationary Eng. Turbo Diesel	81.00	2.50	255 TBF CC DI	2D7834	5	STD
								2.50	123 RVT PC DI	2D783425		0.25
								3.00	553 CF CR GI	2D783450		0.50
									881 2PCO			
AAA,ABA,AES,ATQ,BDF	6 CYL	2.8 L	2792		1991-96	Caravelle, Eurovan Golf, GTI, Jetta GLX, Passat,Transporter,Vento VR6	81.00	1.50	032 BF PC GI	4921	6	STD
								1.75	126 RVT PC GI			
								3.00	054 FV CR			
									732 FV CR			
									363 BF CR GI	2C4921	6	STD
									126 RVT PC GI	2C4921020		0.50
									054 FV CR	2C4921030		0.75
									732 FV CR	2C4921040		1.00
	4 CYL	1.6 L	1605		1970-On	K70, 75CH TC8	82.00	1.75	362 BF 3CR GI	2C7333	4	STD
								2.00	401 SCRP PC GI			
								4.00	056 FV CR			
									732 FV CR			
CDA, VAG	4 CYL	1.8 L	1798			DOHC Turbo L4 3 PC OIL	82.50	1.00	398 BF CR S	2C5382	4	STD
								1.20	126 RVT PC GI	2C5382020		0.50
								1.50	981 FV CR			
									005 FV CR			
	4 CYL	1.9 L	1857		1986-88	Passat	82.50	1.50	362 BF 3CR GI	2C4927	1	STD
								1.75	126 RVT PC GI	2C4927010		0.25
								3.00	997 FV CR	2C4927020		0.50
									732 FV CR	2C4927040		1.00

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
VOLKSWAGEN												
2E, 9A, ABF, ACX, ADY AEG, AEP, AGG, AKR, APK, AQY, ATM, AXA, AZH, AZJ, AZM, BBX, BEF, BEH, BEJ, BER, BHP CBPA	4 CYL	2.0 L	1984		1988-10	Golf, Jetta, Passat, Quantum, Santana, Voyager	82.50	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 934 FV CR 935 FV CR	2C4639 2C4639010 2C4639020 2C4639030 2C4639040	4	STD 0.25 0.50 0.75 1.00
									322 BF GN SS 406 N PC DI 987 FV GN SS 714 GN SS	2N4639 2N463925 2N463950	4	STD 0.25 0.50
	4 CYL	2.0 L	1984			Corrado, Passat, Vento Fits Brazilian Mahle Piston	82.50	1.50 1.50 2.00	032 BF PC GI 126 RVT PC GI 934 FV CR 935 FV CR	6190 6190020 6190040	4	STD 0.50 1.00
									363 BF CR GI 126 RVT PC GI 934 FV CR 935 FV CR	2C6190 2C6190020 2C6190040	4	STD 0.50 1.00
AAY	5 CYL	2.5 L	2496			Caravelle	82.50	1.50 1.50 2.00	032 BF PC GI 126 RVT PC GI 934 FV CR 935 FV CR	9547 9547020 9547040	5	STD 0.50 1.00
									363 BF CR GI 126 RVT PC GI 934 FV CR 935 FV CR	2C9547 2C9547020 2C9547040	5	STD 0.50 1.00
CBUA, CUTA, BGP, BGQ, BTK, CBTA DOHC	5 CYL	2.5 L	2480		2005-14	Beetle, Bora 20V	82.50	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 934 FV CR 935 FV CR	2C4562 2C4562020	5	STD 0.50
CDAA, CDAB, CJSA, CJSB, CJSC	4 CYL	1.8 L	1798		2005-15	TSI	82.50	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR S 005 FV CR	2C5385 2C538550	4	STD 0.50
									322 BF GN SS 406 N PC DI 248 CF CR 881 2PCO	2N5385 2N538550	4	STD 0.50
BZB, CAWA, CBFA, CCCA, CCTA, CCZB, CDAB, CFPA, CHHA, CJKA, CJKB, CJSA, CJSB, CJSC, CJXB, CJXC, CJXE, CULA, CYFB, DEDA		2.0 L	1984		2006-18	TSI	82.50	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR S 005 FV CR	2C5385 2C538550	4	STD 0.50
									322 BF GN SS 406 N PC DI 248 CF CR 881 2PCO	2N5385 2N538550	4	STD 0.50
ALT, AWX, AXX, BLR, BLX, BLY, BPY, BVX BVY, BVZ, BWA	4 CYL	2.0 L	1984		2003-10	Eos, Golf, Jetta, Passat	82.50	1.20 1.50 2.00	322 BF GN SS 406 N PC DI 248 CF CR 881 2PCO	2N4144	1	STD
CCCA		2.5 L	2480		2005-15	TSI	82.50	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR S 005 FV CR	2C5385 2C538550	4	STD 0.50
									322 BF GN SS 406 N PC DI 248 CF CR 881 2PCO	2N5385 2N538550	4	STD 0.50
BPR, BPS	5 CYL	2.5 L	2480		2005-10	New Beetle 2.5	82.50	1.20 1.50 2.00	322 BF GN SS 406 N PC DI 248 CF CR 881 2PCO	2N4144	1	STD
H, K	4 CYL	1.5 L	1493		1961-73	1500, 1600, Kaefer 1500	83.00	2.00 2.00 4.00	032 BF PC GI 401 SCRP PC GI 056 FV CR 732 FV CR	6793 6793040 6793060	4	STD 1.00 1.50
									362 BF 3CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C6793 2C6793040	4	STD 1.00
CASB, CATA DOHC	6 CYL	3.0 L	2967		2006-10	Touareg Diesel Eng Incl Turbo	83.00	2.00 2.00 3.00	239 BF CC DI 123 RVT PC DI 204 CF CR DI 881 2PCO	2D7435 2D743525 2D743550	1	STD 0.25 0.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
VOLKSWAGEN												
CARB, CCMA, CCWA, CCWB CDYA, CDYC	6 CYL	3.0 L	2967		2007-On	Phaeton, Touareg Turbo Diesel	83.00	1.75 2.00 3.00	239 BF CC DI 123 RVT PC DI 204 CF CR DI 881 2PCO	2D7534 2D753425 2D753450	6	STD 0.25 0.50
65CV Eng	4 CYL	1.6 L	1588		1965-84	1600, 57, 60, 65 H.P. Brazilian Mahle Piston	85.50	2.00 2.00 5.00	102 T PC GI 401 SCRP PC GI 871 FV CR 732 FV CR	4841 4841020 4841040	4	STD 0.50 1.00
									363 BF CR GI 126 RVT PC GI 871 FV CR 732 FV CR	2C4841 2C4841020 2C4841040	4	STD 0.50 1.00
AK,AL, AM, AS,B, CZ, P, T, U	4 CYL	1.6 L	1588		1967-82	1500,1600, Kaefer, Transporter	85.50	2.00 2.00 5.00	032 BF PC GI 401 SCRP PC GI 871 FV CR 732 FV CR	6781 6781010 6781020 6781030 6781040 6781060	4	STD 0.25 0.50 0.75 1.00 1.50
									362 BF 3CR GI 401 SCRP PC GI 871 FV CR 732 FV CR	2C6781 2C6781010 2C6781020 2C6781030 2C6781040 2C6781060	4	STD 0.25 0.50 0.75 1.00 1.50
	4 CYL	1.6 L	1600		1984-On	Made in Brazil, Gas/Alch Brazilian Mahle Piston	85.50	1.50 1.75 4.00	102 T PC GI 126 RVT PC GI 058 FV CR 732 FV CR	4664 4664010 4664020 4664040	4	STD 0.25 0.50 1.00
									362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C4664 2C4664010 2C4664020 2C4664040	4	STD 0.25 0.50 1.00
	4 CYL	1.6 L	1600		1979-83		85.50	1.75 2.00 5.00	032 BF PC GI 401 SCRP PC GI 860 FV CR 732 FV CR	6165 6165010 6165020 6165030 6165040 6165060	4	STD 0.25 0.50 0.75 1.00 1.50
									362 BF 3CR GI 401 SCRP PC GI 860 FV CR 732 FV CR	2C6165 2C6165010 2C6165020 2C6165030 2C6165040	4	STD 0.25 0.50 0.75 1.00
ACD	4 CYL	1.6 L	1584		1992-03	Kaefer 1600 i	85.50	1.75 2.00 5.00	202 TTF PC DI 406 N PC DI 553 CF CR GI 881 2PCO	5277	4	STD
	4 CYL	1.5 L	1493			1500 Series	87.00	2.00 2.00 5.00	032 BF PC GI 126 RVT PC GI 871 FV CR 732 FV CR	4298	4	STD
									362 BF 3CR GI 126 RVT PC GI 871 FV CR 732 FV CR	2C4298 2C4298020	4	STD 0.50
	4 CYL	1.5 L	1493			1500 Series	87.00	1.50 1.50 5.00	362 BF 3CR GI 102 T PC GI 871 FV CR 732 FV CR	2C4299	4	STD
						Fits Brazilian Mahle Piston		2.00 4.00	126 RVT PC GI 058 FV CR 732 FV CR	4833020 4833040		0.50 1.00
									363 BF CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C4833 2C4833020 2C4833040	4	STD 0.50 1.00
	4 CYL	1.6 L	1584			1600 Series	87.00	2.00 2.00 5.00	032 BF PC GI 126 RVT PC GI 871 FV CR 732 FV CR	4298	4	STD
									362 BF 3CR GI 126 RVT PC GI 871 FV CR 732 FV CR	2C4298 2C4298020	4	STD 0.50
	4 CYL	1.6 L	1584			1600 Series	87.00	1.50 1.50 5.00	362 BF 3CR GI 102 T PC GI 871 FV CR 732 FV CR	2C4299	4	STD

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
VOLKSWAGEN												
BLV, BHK, CDVA, CHNA	6 CYL	3.6 L	3597		2005-On	CC, Passat, Touarge	89.00	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 991 FV CR 005 FV CR	2C4204	6	STD
85 H.P.	4 CYL	1.7 L	1679		1971-75	411, 1700	90.00	2.00 2.00 5.00	362 BF 3CR GI 401 SCRP PC GI 871 FV CR 732 FV CR	2C6864	4	STD
	4 CYL	1.7 L	1679			Overbore Repl. Kit	92.00	2.00 2.00 4.00	032 BF PC GI 401 SCRP PC GI 056 FV CR 732 FV CR	5364 5364010 5364020 5364030 5364040	4	STD 0.25 0.50 0.75 1.00
									362 BF 3CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C5364 2C5364010 2C5364020 2C5364030 2C5364040 2C5364060	4	STD 0.25 0.50 0.75 1.00 1.50
									327 BF PM GI 401 SCRP PC GI 056 FV CR 732 FV CR	2M5364 2M5364020 2M5364030 2M5364040	4	STD 0.50 0.75 1.00
	4 CYL	1.8 L	1835			1600 Big Bore Cima (Late)	92.00	1.50 2.00 4.00	032 BF PC GI 401 SCRP PC GI 056 FV CR 732 FV CR	4178	4	STD
2L	4 CYL	2.4 L	2446		1989-97	Taro Diesel Eng	92.00	2.00 2.00 4.00	232 HKST CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2C7356	1	STD
21	4 CYL	1.8 L	1795		1974-75	Buss Model 411, 412	93.00	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	6119 6119020	4	STD 0.50
									362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C6119 2C6119020 2C6119040	4	STD 0.50 1.00
	4 CYL	1.9 L	1915			1600 Big Bore (Late)	94.00	1.50 2.00 4.00	032 BF PC GI 126 RVT PC GI 856 FV CR 732 FV CR	4177	4	STD
29	4 CYL	2.0 L	1971		1975-84	2 Series, 211, 221, Vanagon	94.00	1.75 2.00 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5594 5594010 5594020 5594030 5594040 5594060	4	STD 0.25 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5594 2C5594010 2C5594020 2C5594030 2C5594040 2C5594060	4	STD 0.25 0.50 0.75 1.00 1.50
DJ/SR	4 CYL	2.1 L	2109		1985-92	Campmobil, Syncro, Transporter, Typ 2	94.00	1.75 2.00 3.50	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	4634 4634010 4634020 4634030 4634040 4634060	4	STD 0.25 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C4634 2C4634020 2C4634030 2C4634040 2C4634060	4	STD 0.50 0.75 1.00 1.50

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
VOLVO												
D 4162 T	4 CYL	1.6 L	1560		2010-12	C30, S40 , S60, Diesel Eng	75.00	2.50 1.95 2.00	271 FKST BF CC DI 406 N PC DI 248 CF CR 881 2PCO	2D7431 2D743125 2D743150	4	STD 0.25 0.50
B5234FT	5 CYL	2.0 L				850	81.00	1.20 1.75 3.00	398 BF CR S 126 RVT PC GI 054 FV CR 732 FV CR	2C4993 2C4993020 2C4993030	5	STD 0.50 0.75
D 5244 T	5 CYL	2.4 L	2401		2001-10	S60, S80, V70, XC80, XC90 Turbo Diesel	81.00	2.00 1.75 3.00	255 TBF CC DI 123 RVT PC DI 553 CF CR GI 881 2PCO	2D7545	5	STD
D5244 T, D5224 T10, D5224 T13, D5224 T14, D5224 T16, D5224 T18 D5224 T2, D5224 T21, D5224 T4, D5224 T5, D5224 T7, D5224 T8	5 CYL	2.4 L	2401		2001-17	C30, C70, S40, S60, S80, V50, V60, V70, XC60, XC70, XC90	81.00	2.00 1.75 2.00	255 TBF CC DI 275 TF CR DI 203 CF GN SS 881 2PCO	2D7827 2D782720 2D782740	5	STD 0.20 0.40
B 18 U	4 CYL	1.8 L	1794		1991-96	440, 460	82.70	1.50 1.75 3.00	032 BF PC GI 401 SCRP PC GI 054 FV CR 732 FV CR	4990 4990020	4	STD 0.50
									362 BF 3CR GI 401 SCRP PC GI 054 FV CR 732 FV CR	2C4990 2C4990010 2C4990020 2C4990030 2C4990040	4	STD 0.25 0.50 0.75 1.00
B 20 F	4 CYL	2.0 L	1998		1992-96	440, 480	82.70	1.50 1.75 3.00	032 BF PC GI 401 SCRP PC GI 054 FV CR 732 FV CR	4990 4990020	4	STD 0.50
									362 BF 3CR GI 401 SCRP PC GI 054 FV CR 732 FV CR	2C4990 2C4990010 2C4990020 2C4990030 2C4990040	4	STD 0.25 0.50 0.75 1.00
B4184S	4 CYL	1.8 L	1783		1995-13	S40, V40	83.00	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C4510	1	STD
B4204T3 DOHC	4 CYL	1.9 L	1948		2000-04	S40, V40	83.00	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C4510	1	STD
B5254	5 CYL	2.4 L	2435		1996-99	850GLE S70 V70	83.00	1.20 1.75 3.00	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4528 2C4528020	1	STD 0.50
968	5 CYL	2.9 L	2917		1998-99	S90 V90	83.00	1.20 1.75 3.00	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4528 2C4528020	1	STD 0.50
B18A/B, B18D	4 CYL	1.8 L	1780		1962-68	142, 144, 145, 122S, 544, P1800	84.14	2.00 2.00 4.75	032 BF PC GI 401 SCRP PC GI 860 FV CR 732 FV CR	6726	4	STD
B 4204 T7	4 CYL	2.0 L	1999		2009-14	S60, S80, V60, V70, XC60	87.50	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C4150	4	STD
B4204T7	4 CYL	2.0 L	1999		2011-On	S60 II, S80 II, V60, V70 III, XC60	87.50	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C5282 2C528250 2C528275 2C5282100	4	STD 0.50 0.75 1.00
									326 TBF GN SS 126 RVT PC GI 993 FV CR 005 FV CR	2N5282 2N528250	4	STD 0.50
B27F	6 CYL	2.7 L	2673		1975-79	262, 264, 265, GL,GLE	88.00	1.50 2.00 4.00	032 BF PC GI 401 SCRP PC GI 056 FV CR 732 FV CR	4488 4488030	6	STD 0.75
									362 BF 3CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C4488 2C4488030	6	STD 0.75

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
VOLVO												
B30A, B30E, B30F	6 CYL	3.0 L	2978		1969-75	164E	88.90	2.00	032 BF PC GI	6825	6	STD
								2.00	401 SCRP PC GI	6825030		0.75
								4.75	860 FV CR			
									732 FV CR			
B19A, B20A/F, B20F	4 CYL	2.0 L	1986		1980	343, 345, 142, 144,	88.90	1.75	362 BF 3CR GI	2C6167	4	STD
						145, 242, 244,		2.00	401 SCRP PC GI	2C6167010		0.25
						245, DL, GL		4.00	860 FV CR	2C6167020		0.50
									732 FV CR	2C6167030		0.75
B20A, B20B,	4 CYL	2.0 L	1986		1969-74	P1800	88.90	2.00	032 BF PC GI	6810	4	STD
B20E, B20F						142, 144, 145		2.00	401 SCRP PC GI	6810030		0.75
								4.75	860 FV CR			
									732 FV CR			
									327 BF PM GI	2M6810	4	STD
									401 SCRP PC GI	2M6810030		0.75
									860 FV CR			
									732 FV CR			
B30	6 CYL	3.0 L	2979				88.90	1.75	362 BF 3CR GI	2C6168	6	STD
								2.00	401 SCRP PC GI	2C6168010		0.25
								4.00	860 FV CR	2C6168020		0.50
									732 FV CR	2C6168030		0.75
B80F, B280F, B28F	6 CYL	2.8 L	2849		1981-91	262, 264, 265, GL, GLE	91.00	1.50	032 BF PC GI	5691	6	STD
						740 GL, 760 GLE		2.00	126 RVT PC GI	5691020		0.50
								4.00	860 FV CR	5691030		0.75
									732 FV CR			
									362 BF 3CR GI	2C5691	6	STD
									126 RVT PC GI	2C5691020		0.50
									860 FV CR	2C5691030		0.75
									732 FV CR			
B 21 A, B 21 E	4 CYL	2.1 L	2127		1979-86	240, 340	92.00	1.75	032 BF PC GI	5692	4	STD
								2.00	401 SCRP PC GI	5692010		0.25
								4.00	056 FV CR	5692020		0.50
									732 FV CR	5692030		0.75
										5692040		1.00
									363 BF CR GI	2C5692	4	STD
									401 SCRP PC GI	2C5692010		0.25
									056 FV CR	2C5692020		0.50
									732 FV CR	2C5692030		0.75
										2C5692040		1.00
	6 CYL					FC	92.08	3.18	362 BF 3CR GI	2C4008	6	STD
								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
D47, D47A	6 CYL	4.7 L	4704			Deep Top Grv	95.25	2.38	363 BF CR GI	2D5966	6	STD
						Diesel Eng		3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								4.75	553 CF CR GI			
									881 2PCO			
								4.75	501 1PCO PC GI			
B230F/FT	4 CYL	2.3 L	2316		1982-92	244, 245, DL, GL,	96.00	1.75	032 BF PC GI	4477	4	STD
						740 GL, GLE,		1.75	126 RVT PC GI	4477020		0.50
						760 GL, GLE		3.50	059 FV CR	4477030		0.75
									732 FV CR			
									363 BF CR GI	2C4477	4	STD
									126 RVT PC GI	2C4477020		0.50
									059 FV CR	2C4477030		0.75
									732 FV CR			
B23E/F	4 CYL	2.3 L	2316		1981-84	242,244,245,DL,GL	96.00	1.75	032 BF PC GI	5695	4	STD
								2.00	126 RVT PC GI	5695020		0.50
								4.00	860 FV CR	5695030		0.75
									732 FV CR			
									363 BF CR GI	2C5695	4	STD
									126 RVT PC GI	2C5695020		0.50
									860 FV CR	2C5695030		0.75
									732 FV CR			
	6 CYL					D60	98.43	2.38	362 BF 3CR GI	2C6660	6	STD
								3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
D 7 C 215 Euro 2	6 CYL	7.3 L		7280	1998-On	B SERIES	107.00	3.50	378 FKST BF CC DI	2D7099	1	STD
D 7 C 250 Euro 2						BUS 5000 SERIES		2.50	130 RVT TF PC GI			
D 7 C 275 Euro 2						BUS 7000 SERIES		3.50	553 2PCO CR GI			
D 7 C 290 Euro 2						FM SERIES						
D 7 C 310 Euro 2						Diesel Eng.						

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
WAUKESHA												
FC25E	4 CYL						82.55	2.38	032 BF PC GI	4215	4	STD
								2.38	126 RVT PC GI	4215020		0.50
								2.38	126 RVT PC GI	4215040		1.00
								4.75	860 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C4215	4	STD
									126 RVT PC GI			
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
FC, FC129J, FC132, FC161A, FK, FKJ	4 CYL						82.55	3.18	032 BF PC GI	5060	4	STD
								3.18	126 RVT PC GI	5060020		0.50
								4.75	860 FV CR	5060030		0.75
									732 FV CR	5060060		1.50
									362 BF 3CR GI	2C5060	4	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
4-155 Gas	4 CYL						92.08	2.38	032 BF PC GI	6215	2	STD
								2.38	126 RVT PC GI			
								4.75	501 1PCO PC GI			
									825 2PCO			
180GLB D155G 180DKB	4 CYL					Gas Eng.	92.08	2.38	362 BF 3CR GI	2C7581	4	STD
								2.38	126 RVT PC GI			
								2.38	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
180GKB	4 CYL						92.08	2.38	032 BF PC GI	7663	4	STD
								2.38	126 RVT PC GI			
								2.38	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
VRG265	6 CYL						95.25	2.38	032 BF PC GI	137	6	STD
								2.38	126 RVT PC GI	137030		0.75
								4.75	860 FV CR			
									732 FV CR			
									363 BF CR GI	2C137	6	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
6BK, 6BM, 6BKH, 6MS, 6XK, 190GL, 190GLB	6 CYL					4 Ring Piston Diesel Eng.	95.25	3.18	362 BF 3CR GI	2C5028	6	STD
								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
XAK, XAK21F, XAKH	4 CYL						95.25	3.18	362 BF 3CR GI	2C7669	4	STD
								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
180GL, 190DL, 190DLB, 190GL, 190KL, 190LB	6 CYL						95.25	3.18	362 BF 3CR GI	2C7747	6	STD
								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								6.35	860 FV CR			
									732 FV CR			
6BZ, 6BZU, 6ML, 6-110 195GL	6 CYL						101.60	3.18	363 BF CR GI	2C4007	6	STD
								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
6A, 6AB, 6AL, 140GK, 140GKB, 140GKU	6 CYL					4 Ring Piston	114.30	3.18	363 BF CR GI	2C4056	6	STD
								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			
VIK, VIKA, VIKH, VIKU	4 CYL						114.30	4.75	362 BF 3CR GI	2C4157	4	STD
								4.75	102 T PC GI			
								4.75	401 SCRP PC GI			
								4.75	860 FV CR			
									732 FV CR			

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
WISCONSIN												
AE, AEH, AEHS, AEN, AEND, AENL, AENS, AES AENLD, TE, TED	1 CYL 2 CYL						76.20	2.38 2.38 2.38 4.75	102 T PC GI 102 T PC GI 401 SCRP PC GI 871 FV CR 732 FV CR	5149	1	STD
VD4D VF4 VF4D VF41 VH4 VH4D VH4DM	4 CYL						82.55	2.38 2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	4215 4215020 4215040	4	STD 0.50 1.00
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4215	4	STD
TJD	2 CYL						82.55	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	4398 4398010	2	STD 0.25
TF, TFD, TH, THD, THDM, TJD	2 CYL						82.55	2.38 2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5123 5123020 5123040 5123060	2	STD 0.50 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5123	2	STD
HV4D, TFD, TJD, VF4, VF4D, VH4D	4 CYL						82.55	2.00 2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6184 6184010	2	STD 0.25
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6184 2C6184010	2	STD 0.25
VH4D 3 Ring Piston	2 CYL						82.55	2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6261 6261020 6261040	2	STD 0.50 1.00
S10D	1 CYL						82.55	2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7785 7785020 7785030 7785040	1	STD 0.50 0.75 1.00
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7785	1	STD
AF Air Cooled, AFH	1 CYL						82.55	3.18 3.18 3.18 4.75	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7868	1	STD
W4-1770 Gas LPG & NG	4 CYL	1.8 L	1765				82.55	2.00 2.00 4.75	032 BF PC GI 401 SCRP PC GI 860 FV CR 732 FV CR	5909 5909010 5909060	4	STD 0.25 1.50
									362 BF 3CR GI 401 SCRP PC GI 860 FV CR 732 FV CR	2C5909	4	STD
AP4, AP41, V64D, VG4D, VP4, VP49	4 CYL						88.90	3.18 3.18 3.18 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5117	4	STD
S12D, TRA12D	1 CYL						88.90	2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 501 1PCO PC GI	6427	1	STD
S14D	1 CYL						95.25	2.38 2.38 4.75	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5466 2C5466020 2C5466030	1	STD 0.50 0.75

ENGINE	CYL	LITER	CC	CID	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
WISCONSIN												
V465D	4 CYL						95.25	2.38	362 BF 3CR GI	2C6664	4	STD
								2.38	032 BF PC GI	2C6664030		0.75
								2.38	126 RVT PC GI			
								4.75	860 FV CR			
									732 FV CR			

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE		5TH GROOVE		6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
50.80	2.38	102	2.38	401	4.75	501							7707	4
52.40	3.18	401	3.18	401	3.18	401	3.18	401					8266	2
60.33	2.38	032	2.38	126	4.75	870 732							5671	4
60.33	2.38	362	2.38	126	4.75	870 732							2C5671	4
62.00	1.50	362	1.50	126	2.80	859 732							2C4449	3
62.00	1.50	362	1.50	126	2.80	859 732							2C4807	4
62.00	2.00	102	2.00	401	4.00	055 732							6717	4
62.00	2.00	362	2.00	401	4.00	055 732							2C6717	4
63.50	1.20	398	1.50	126	2.50	995 732							2C7432	3
63.50	2.38	126	2.38	126	3.18	126	2.38	126	3.18	126			7887	1
63.50	3.18	126	3.18	126	3.18	126	3.18	126	3.18	126			268	2
64.57	1.60	032	1.60	032	1.60	401	3.18	716 710					6742	4
64.57	1.60	362	1.60	032	1.60	401	3.18	710 732					2C6742	4
64.57	1.60	032	1.60	401	1.60	401	4.00	058 732					4732	4
65.00	1.50	215	1.50	123	3.00	553 881							2C4148	4
65.00	1.75	102	2.00	401	3.50	054 732							4369	4
65.00	1.75	362	2.00	401	3.50	054 732							2C4369	4
65.00	1.75	102	2.00	401	4.00	055 732							6796	4
65.00	1.75	362	2.00	401	4.00	055 732							2C6796	4
65.10	1.60	032	1.60	401	4.00	058 732							4798	1
65.51	1.50	201	1.50	202	2.50	248 881							2D7448	1
65.51	1.50	032	1.50	126	2.80	859 732							4234	4
65.51	1.50	362	1.50	126	2.80	859 732							2C4234	4
65.99	1.20	398	1.20	126	2.50	995 732							2C5136	4
65.99	1.20	398	1.20	126	2.50	995 732							2C5802	4
66.50	1.20	322	1.20	406	2.50	987 714							2N7434	3
66.68	2.38	126	2.38	126	4.75	501 826	2.38	126	4.75	501 826			4465	2
66.68	2.38	126	2.38	126	4.75	871 732							4457	2
66.68	2.38	126	2.38	126	4.75	871 732	4.75	126	4.75	126			4469	2

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE	5TH GROOVE	6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
66.68	2.38	102	2.38	126	4.75	871 732					7859	4
66.68	2.38	362	2.38	126	4.75	871 732					2C7859	4
66.68	2.38	126	2.38	126	4.75	501					7888	1
67.01	1.20	398	1.20	126	2.00	989 732					2C5298	4
67.01	1.20	322	1.20	435	2.00	987 714					2N5298	4
67.01	1.20	398	1.20	126	2.50	995 005					2C4580	4
67.01	1.20	398	1.20	126	2.80	999 732					2C5250	4
67.01	1.60	102	1.60	102	3.18	501 826					6942	1
67.01	1.60	362	1.60	102	3.18	501 826					2C6942	1
67.11	1.00	398	1.00	123	1.50	981 005					2C5207	4
67.11	1.20	398	1.50	401	2.00	986 732					2C4808	4
68.00	1.00	398	1.20	126	2.00	993 005					2C4220	4
68.00	1.20	398	1.50	126	3.00	996 732					2C5059	4
68.00	1.50	032	1.50	126	2.80	859 732					4696	4
68.00	1.50	363	1.50	126	2.80	859 732					2C4696	4
68.00	2.00	362	2.00	401	3.00	054 732					2C4753	2
68.00	2.00	032	2.00	401	4.00	058 732					4277	4
68.00	2.00	362	2.00	401	4.00	058 732					2C4422	4
68.50	1.20	398	1.20	126	2.50	995 732					2C4522	4
68.50	1.20	398	1.20	126	2.50	995 732					2C5273	1
68.50	1.20	398	1.50	126	2.80	859 732					2C5039	3
68.50	1.50	362	1.50	126	2.80	859 732					2C5083	4
68.50	1.50	362	1.50	126	2.80	859 732					2C6185	3
68.68	1.20	398	1.50	401	2.00	989 732					2C5205	4
68.68	1.50	032	1.75	126	3.00	054 732					4856	4
68.68	1.50	363	1.75	126	3.00	054 732					2C4856	4
68.99	1.20	398	1.50	126	2.50	995 732					2C4549	4
68.99	1.50	363	1.50	126	2.50	995 732					2C4995	4
69.04	1.60	102	1.60	102	4.00	058 732					6893	4
69.49	1.50	032	1.50	126	4.00	055 732					4673	4
69.49	1.50	362	1.50	126	4.00	055 732					2C4673	4
69.49	1.75	032	2.00	401	4.00	055 732					6192	4

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE		5TH GROOVE		6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
69.49	1.75	362	2.00	401	4.00	055 732							2C6192	4
69.49	1.75	362	2.50	401	4.00	055 732							2C4484	4
69.60	1.50	239	1.50	123	2.00	248 881							2D7836	4
69.60	2.00	205	1.50	206	2.00	248 881							2D7101	1
69.70	1.20	398	1.20	126	2.00	934 005							2C4597	4
69.72	1.60	102	1.60	102	4.75	871 732							4244	2
69.72	2.38	102	2.38	102	3.18	501							5044	2
69.85	1.60	022	1.60	022	1.60	022							4359	1
69.85	2.38	126	2.38	126	2.38	126	4.75	871 732	4.75	501			6009	2
69.85	2.38	126	2.38	126	4.75	871 732							6008	2
69.85	4.75	126	4.75	126	4.75	871 732							6128	1
70.00	1.00	398	1.20	610	1.50	981 005							2C4088	3
70.00	1.20	398	1.20	126	2.50	995 732							2C5051	4
70.00	1.50	032	1.50	126	2.80	859 732							6163	3
70.00	1.50	362	1.50	126	2.80	859 732							2C6163	3
70.00	1.50	032	1.50	126	3.00	054 732							5013	4
70.00	1.50	363	1.50	126	3.00	054 732							2C5013	4
70.00	1.75	032	2.00	401	3.50	055 732							4652	4
70.00	1.75	362	2.00	401	3.50	055 732							2C4652	4
70.00	2.00	362	2.00	401	3.50	055 732							2C6779	4
70.00	2.00	032	2.00	401	3.50	055 732							4481	2
70.00	2.00	362	2.00	401	3.50	055 732							2C4481	2
70.00	2.00	362	2.00	401	4.00	058 732							2C6880	4
70.00	2.00	032	2.00	401	4.00	055 732							4373	4
70.00	2.00	362	2.00	401	4.00	055 732							2C4373	4
70.31	1.50	362	1.50	126	3.00	996 732							2C4273	4
70.49	1.50	335	1.50	126	3.00	996 732							2M5015	4
70.61	1.49	032	1.49	406	4.00	200 881							5800	4
70.61	1.50	032	1.50	126	3.00	054 732							4355	4
70.61	1.60	102	1.60	102	1.60	102	4.00	058 732					6802	4
70.61	1.60	362	1.60	102	1.60	102	4.00	058 732					2C6802	4
70.61	1.60	102	1.60	102	4.00	058 732							4731	4
70.61	2.38	102	2.38	102	4.75	870 732	2.38	126	4.75	501			4967	2
70.79	1.20	398	1.20	126	2.50	995 732							2C5052	4
70.99	1.00	398	1.00	123	1.50	981 005							2C4598	3
70.99	1.00	322	1.00	123	2.00	248 881							2N4057	3

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE	5TH GROOVE	6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
70.99	1.00	398	1.20	126	2.00	993 005					2C4047	4
70.99	1.00	398	1.20	406	2.00	987 714					2C4068	4
70.99	1.00	398	1.20	406	2.00	987 714					2C4086	3
70.99	1.00	398	1.20	610	2.00	993 005					2C4090	3
70.99	1.20	398	1.20	126	2.00	990 732					2C4089	4
70.99	1.20	322	1.20	236	2.00	987 714					2N4126	4
70.99	1.20	398	1.50	126	3.00	054 732					2C4451	4
70.99	1.50	032	1.50	126	2.80	859 732					4362	4
70.99	1.50	362	1.50	126	2.80	859 732					2C4362	4
70.99	1.50	032	1.50	126	4.00	058 732					4618	4
70.99	1.50	362	1.50	126	4.00	058 732					2C4618	4
70.99	1.60	102	1.60	102	3.18	501					6938	2
70.99	1.60	362	1.60	102	3.18	501					2C6938	2
70.99	2.00	032	2.00	401	4.00	056 732					4342	4
70.99	2.00	362	2.00	401	4.00	056 732					2C4342	4
71.07	1.20	398	1.50	126	2.00	989 732					2C5276	4
71.07	1.50	032	1.50	126	3.00	054 732					4517	4
71.07	1.50	362	1.50	126	3.00	054 732					2C4517	4
71.50	1.20	398	1.20	435	2.00	993 005					2C5389	4
71.50	1.50	032	1.50	126	3.00	054 732					5264	4
71.50	1.50	362	1.50	126	3.00	054 732					2C5264	4
71.81	1.50	032	1.50	126	4.00	058 732					4694	4
71.81	1.50	362	1.50	126	4.00	058 732					2C4694	4
71.91	1.00	317	1.20	126	2.00	990 732					SN4169	3
71.91	1.20	398	1.50	435	2.50	989 732					2C5637	4
72.01	1.00	398	1.00	123	1.50	981 005					2C5681	4
72.01	1.00	322	1.00	123	2.00	987 714					2N4149	3
72.01	1.00	322	1.20	406	2.00	987 714					2N4079	3
72.01	1.00	326	1.20	406	2.00	248 881					2N4104	4
72.01	1.00	398	1.20	126	2.80	859 732					2C6174	4
72.01	1.20	398	1.20	126	2.00	990 732					2C5266	4
72.01	1.20	398	1.20	126	2.50	995 732					2C4813	1
72.01	1.20	398	1.20	126	2.50	995 732					2C5189	3
72.01	1.50	376	1.50	406	2.50	199 881					2C4128	4
72.01	1.50	032	1.50	126	2.80	859 732					6116	4
72.01	1.50	362	1.50	126	2.80	859 732					2C6116	

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE		5TH GROOVE	6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
72.01	1.50	363	1.50	126	3.00	054 732						2C5251	4
72.01	1.50	032	1.50	126	4.00	058 732						6131	4
72.01	1.50	362	1.50	126	4.00	058 732						2C6131	4
72.01	1.50	362	2.00	401	3.00	054 732						2C9356	4
72.01	1.50	032	2.00	401	4.00	056 732						4486	4
72.01	1.50	362	2.00	401	4.00	056 732						2C4486	4
72.01	2.00	362	2.00	401	4.00	058 732						2C4424	4
72.01	2.00	362	2.00	401	4.00	056 732						2C6709	6
72.01	2.00	102	2.00	401	4.00	056 732						6752	4
72.01	2.00	362	2.00	401	4.00	056 732						2C6752	4
72.21	1.20	326	1.50	410	2.00	993 714						2N5307	1
72.49	1.00	398	1.00	123	2.00	990 732						2C5392	4
72.49	1.20	398	1.00	126	2.00	990 732						2C4107	4
72.49	1.20	322	1.20	406	2.00	987 714						2N4141	4
72.49	1.20	398	1.20	126	2.00	990 732						2C5252	4
72.49	1.20	398	1.50	126	2.00	990 732						2C5675	1
72.49	1.20	322	1.50	126	2.00	990 732						2N5675	1
73.00	1.00	398	1.00	123	1.50	981 005						2C5723	4
73.00	1.00	398	1.20	610	2.00	990 732						2C5253	4
73.00	1.00	326	1.20	435	2.00	993 714						2N5313	4
73.00	1.20	322	1.20	126	2.00	990 732						2N4096	4
73.00	1.50	032	1.50	126	3.00	054 732						4633	4
73.00	1.50	363	1.50	126	3.00	054 732						2C4633	4
73.00	1.50	326	1.50	435	3.00	054 732						2N4633	4
73.00	1.50	239	1.50	218	3.00	204 881						2D5856	1
73.00	1.50	032	1.50	126	4.00	058 732						4347	4
73.00	1.50	362	1.50	126	4.00	058 732						2C4347	4
73.00	1.75	032	2.00	401	4.00	056 732						6870	4
73.00	1.75	362	2.00	401	4.00	056 732						2C6870	4
73.00	2.00	032	2.00	401	2.80	859 732						6195	1
73.00	2.00	032	2.00	401	4.00	058 732						4410	6
73.00	2.00	362	2.00	401	4.00	058 732						2C4410	6
73.00	2.00	032	2.00	401	4.00	058 732						6714	4
73.00	2.00	362	2.00	401	4.00	058 732						2C6714	4
73.03	1.60	102	1.60	102	1.60	102	4.00	058 732				5897	4

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE	5TH GROOVE	6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
73.41	1.20	398	1.20	126	2.00	993 005					2C4162	4
73.61	1.50	362	1.50	401	2.80	996 732					2C4158	4
73.66	1.60	102	1.60	401	4.00	058 732					6840	4
73.66	1.60	362	1.60	401	4.00	058 732					2C6840	4
73.71	2.50	213	1.95	209	2.50	248 881					2D7270	1
73.79	1.20	398	1.20	126	2.00	990 732					2C4874	4
73.94	1.20	398	1.50	126	2.00	993 732					2C5259	4
73.94	1.50	032	1.75	401	3.00	054 732					4858	4
73.94	1.50	363	1.75	401	3.00	054 732					2C4858	4
73.99	1.00	398	1.00	123	2.00	990 732					2C4159	4
73.99	1.00	398	1.20	126	2.80	859 732					2C4363	4
73.99	1.20	398	1.20	126	2.50	995 732					2C4184	3
73.99	1.20	398	1.20	126	2.50	995 732					2C4944	4
73.99	1.20	398	1.20	126	2.80	996 732					2C6173	4
73.99	1.20	398	1.20	126	3.00	996 732					2C4774	4
73.99	1.20	398	1.20	126	3.00	996 732					2C5025	2
73.99	1.20	398	1.50	435	2.80	859 732					2C4208	3
73.99	1.20	322	1.50	126	2.80	859 732					2N4208	3
73.99	1.20	398	1.50	435	2.80	859 732					2C4258	4
73.99	1.20	398	2.80	859 732							2C4364	4
73.99	1.20	398	2.80	859 732							2C4738	3
73.99	1.50	032	1.50	126	2.80	859 732					4435	4
73.99	1.50	362	1.50	126	2.80	859 732					2C4435	4
73.99	1.50	032	1.50	126	4.00	058 732					4396	4
73.99	1.50	362	1.50	126	4.00	058 732					2C4396	4
73.99	1.50	327	1.50	126	4.00	058 732					2M4396	4
73.99	1.50	032	1.75	401	3.00	054 732					4988	4
73.99	1.50	362	1.75	401	3.00	054 732					2C4988	4
73.99	1.50	362	2.00	401	4.00	058 732					2C9503	2
73.99	1.60	362	2.00	401	4.00	058 732					2C4471	4
73.99	2.00	102	2.00	401	4.00	058 732					5988	4
73.99	2.00	362	2.00	401	4.00	058 732					2C5988	4
74.50	1.00	322	1.20	126	2.00	993 732					2N5672	3
74.50	1.20	322	1.20	275	2.00	990 714					2N5312	1
74.50	1.50	032	1.75	401	3.00	056 732					4467	4

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE	5TH GROOVE	6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
74.68	1.60	102	1.60	401	4.00	056 732					6817	6
74.68	1.60	362	1.60	401	4.00	056 732					2C6817	6
75.01	0.80	398	1.00	123	1.50	981 005					2C5118	4
75.01	1.00	322	1.00	406	2.00	248 881					2N4069	3
75.01	1.00	398	1.20	126	2.00	993 005					2C5111	4
75.01	1.00	398	1.20	126	2.80	859 732					2C4690	4
75.01	1.00	398	1.20	126	2.80	996 732					2C4974	4
75.01	1.20	398	1.20	126	2.00	993 005					2C5091	4
75.01	1.20	322	1.20	435	2.00	987 714					2N5091	4
75.01	1.20	398	1.20	126	2.50	995 732					2C4901	4
75.01	1.20	398	1.50	435	2.80	859 732					2C4640	4
75.01	1.20	398	1.50	435	2.80	996 732					2C4868	4
75.01	1.20	398	1.50	435	2.80	859 732					SC5558	4
75.01	1.20	398	1.50	435	3.00	054 732					2C4962	4
75.01	1.20	398	1.50	435	4.00	058 732					2C4631	4
75.01	1.20	322	1.50	435	4.00	058 732					2N4631	4
75.01	1.50	032	1.50	435	2.50	995 732					5021	4
75.01	1.50	363	1.50	435	2.50	995 732					2C5021	4
75.01	1.50	032	1.50	126	3.00	996 732					4772	6
75.01	1.50	363	1.50	126	3.00	996 732					2C4772	6
75.01	1.50	032	1.50	435	3.00	054 732					5076	4
75.01	1.50	363	1.50	435	3.00	054 732					2C5076	4
75.01	1.50	032	1.50	401	4.00	058 732					4632	6
75.01	1.50	363	1.50	435	4.00	058 732					2C4632	6
75.01	1.50	032	1.50	435	4.00	058 732					6179	4
75.01	1.50	363	1.50	435	4.00	058 732					2C6179	4
75.01	1.50	032	1.50	435	4.00	056 732					7228	4
75.01	1.50	363	1.50	435	4.00	553 881					2D7228	4
75.01	1.50	032	1.75	401	3.00	054 732					4693	4
75.01	1.50	363	1.75	401	3.00	054 732					2C4693	4
75.01	1.50	032	1.75	401	4.00	056 732					4714	4
75.01	1.50	363	1.75	401	4.00	056 732					2C4714	4
75.01	1.60	102	1.60	102	3.18	501					6939	2
75.01	1.75	032	2.00	126	3.00	054 732					5068	4
75.01	1.75	362	2.00	126	3.00	054 732					2C5068	4
75.01	1.75	362	2.00	401	3.00	054 732					2C5086	4

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
75.01	1.75	362	2.00	401	3.00	054 732					2C9372	4
75.01	1.75	032	2.00	401	4.00	056 732					4248	4
75.01	1.75	362	2.00	401	4.00	056 732					2C4248	4
75.01	2.00	102	2.00	401	4.00	058 732					5030	1
75.01	2.00	102	2.00	401	4.00	056 732					6797	6
75.01	2.00	362	2.00	401	4.00	056 732					2C6797	6
75.01	2.00	032	2.00	401	4.00	056 732					6813	4
75.01	2.00	362	2.00	401	4.00	056 732					2C6813	4
75.01	2.00	032	2.00	401	4.00	856 732					6818	4
75.01	2.00	362	2.00	401	4.00	856 732					2C6818	4
75.01	2.00	032	2.50	401	4.00	056 732					4360	4
75.01	2.00	362	2.50	401	4.00	056 732					2C4360	4
75.01	2.50	271	1.95	406	2.00	248 881					2D7431	4
75.01	3.00	213	1.95	202	2.50	204 881					2D7254	1
75.29	1.00	398	1.20	126	2.50	995 732					2C4919	4
75.31	1.75	363	2.00	401	4.00	058 732					2C4844	4
75.49	1.20	398	1.20	126	2.00	993 005					2C4576	4
75.49	1.20	398	1.20	126	2.50	934 732					2C5184	4
75.49	1.20	398	1.50	126	2.80	996 732					2C4884	4
75.49	1.20	398	1.50	126	3.00	054 732					2C4668	4
75.49	1.50	032	1.50	126	3.00	996 732					4782	4
75.49	1.50	363	1.50	126	3.00	996 732					2C4782	4
75.49	1.50	032	1.50	126	3.00	872 732					4863	4
75.49	1.50	363	1.50	126	3.00	872 732					2C4863	4
75.49	1.50	376	1.50	126	3.00	054 732					2C4146	4
75.49	1.50	032	1.50	126	4.00	058 732					5716	4
75.49	1.50	363	1.50	126	4.00	058 732					2C5716	4
75.49	1.50	327	1.50	126	4.00	058 732					2M5716	4
75.79	1.50	032	1.75	401	3.00	054 732					4859	4
75.79	1.50	362	1.75	401	3.00	054 732					2C4859	4
76.00	1.20	398	1.20	126	2.50	995 732					2C4087	4
76.00	1.20	398	1.20	126	2.50	995 732					2C5182	4
76.00	1.20	398	1.50	126	2.50	995 732					2C4565	4
76.00	1.20	398	1.50	126	3.00	996 732					2C4875	4
76.00	1.20	398	2.00	401	4.00	056 732					2C6146	4

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE		5TH GROOVE	6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
76.00	1.50	032	1.50	435	2.80	861 732						4459	3
76.00	1.50	362	1.50	435	2.80	861 732						2C4459	3
76.00	1.50	032	1.50	435	2.80	861 732						4659	4
76.00	1.50	362	1.50	435	2.80	861 732						2C4659	4
76.00	1.50	032	1.50	126	2.80	861 732						6153	2
76.00	1.50	362	1.50	126	2.80	861 732						2C6153	2
76.00	1.50	032	1.50	126	3.00	054 732						4932	4
76.00	1.50	362	1.50	126	3.00	054 732						2C4932	4
76.00	1.50	032	1.50	126	3.00	872 732						4935	4
76.00	1.50	362	1.50	126	3.00	872 732						2C4935	4
76.00	1.50	032	1.50	126	4.00	058 732						6151	4
76.00	1.50	362	1.50	126	4.00	058 732						2C6151	4
76.00	1.50	327	1.50	126	4.00	058 732						2M6151	4
76.00	1.50	032	1.60	102	2.50	995 732						5248	4
76.00	1.50	362	1.60	102	2.50	995 732						2C5248	4
76.00	1.50	032	2.00	401	4.00	055 732						4460	4
76.00	1.50	362	2.00	401	4.00	055 732						2C4460	4
76.00	1.50	032	2.00	401	4.00	055 732						4479	4
76.00	1.50	362	2.00	401	4.00	055 732						2C4479	4
76.00	1.50	032	2.00	401	4.00	056 732						4493	4
76.00	1.50	362	2.00	401	4.00	056 732						2C4493	4
76.00	1.50	363	2.00	401	4.00	058 732						2C4830	4
76.00	1.50	032	2.00	401	4.00	055 732						4831	4
76.00	1.50	363	2.00	401	4.00	055 732						2C4831	4
76.00	1.50	362	2.80	996 732								2C4958	4
76.00	1.75	102	2.00	401	4.00	056 732						4330	4
76.00	1.75	362	2.00	401	4.00	056 732						2C4330	4
76.00	2.00	362	1.50	435	3.00	054 732						2C4751	4
76.00	2.00	212	2.00	214	2.50	248 881						2D7296	1
76.00	2.00	102	2.00	401	4.00	058 732						4266	4
76.00	2.00	362	2.00	401	4.00	058 732						2C4266	4
76.02	1.60	102	1.60	102	3.18	501						5119	2
76.20	1.50	334	1.50	126	2.80	861 732						2M6198	1
76.20	1.60	102	1.60	102	4.75	860 732						6457	2
76.20	2.38	102	2.38	102	2.38	401	4.75	871 732				5149	1
76.20	2.38	102	2.38	102	3.18	102	4.75	501 825				5172	2

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE		5TH GROOVE		6TH GROOVE		7TH GROOVE	PART NUMBER	NO OF CYL
76.20	3.18	362	3.18	102	3.18	102	3.18	126	4.75	501	4.75	825		2C710	4
76.20	3.18	362	3.18	126	3.18	126	4.75	871 732						2C7758	4
76.20	3.18	032	3.18	126	3.18	126	6.35	860 732						727	4
76.20	3.18	362	3.18	126	3.18	126	6.35	860 732						2C727	4
76.20	3.18	032	3.18	126	3.18	126	6.35	860 732						4182	6
76.50	1.20	398	1.20	126	2.00	993 005								2C4526	4
76.50	1.20	398	1.20	126	2.00	993 005								2C5438	4
76.50	1.20	322	1.20	126	2.00	993 005								2N5438	4
76.50	1.20	398	1.20	126	2.50	995 732								2C5154	4
76.50	1.20	398	1.50	126	2.00	993 005								2C5391	4
76.50	1.20	322	1.50	126	2.00	987 714								2N5391	4
76.50	1.20	398	1.50	401	2.50	995 732								2C5177	4
76.50	1.20	398	1.50	401	2.50	995 732								2C5294	4
76.50	1.50	362	1.50	126	2.00	993 005								2C4175	4
76.50	1.50	362	1.50	401	2.50	995 732								2C5022	4
76.50	1.50	032	1.50	401	3.00	054 732								4819	4
76.50	1.50	362	1.50	401	3.00	054 732								2C4819	4
76.50	1.75	362	2.00	401	3.00	204 881								2D4498	5
76.50	1.75	032	2.00	401	3.00	054 732								4832	4
76.50	1.75	363	2.00	401	3.00	054 732								2C4832	4
76.50	1.75	215	2.00	209	3.00	204 881								2C7148	1
76.50	2.00	032	2.00	401	4.00	056 732								4492	4
76.50	2.00	362	2.00	401	4.00	056 732								2C4492	4
76.50	2.00	032	2.50	126	4.00	056 732								4282	4
76.50	2.00	363	2.50	126	4.00	056 732								2C4282	4
76.61	2.00	032	2.00	401	4.00	058 732								4473	4
76.61	2.00	362	2.00	401	4.00	058 732								2C4473	4
76.89	1.50	032	1.50	126	4.00	058 732								4353	4
76.89	1.50	362	1.50	126	4.00	058 732								2C4353	4
76.89	2.00	032	2.00	126	4.00	056 732								675	4
76.89	2.00	362	2.00	126	4.00	056 732								2C675	4
76.99	1.20	398	1.20	435	2.00	993 005								2C4504	4
76.99	1.20	398	1.20	126	2.50	995 732								2C5159	4
76.99	1.20	398	1.20	126	2.80	861 732								2C4646	4
76.99	1.20	398	1.50	401	2.00	993 005								2C4181	4
76.99	1.20	398	1.50	401	4.00	058 732								2C6154	4

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE	5TH GROOVE	6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
76.99	1.50	032	1.50	401	2.00	993 005					4977	4
76.99	1.50	363	1.50	401	2.00	993 005					2C4977	4
76.99	1.50	032	1.50	861	2.80	732					4241	4
76.99	1.50	335	1.50	861	2.80	732					2M4241	4
76.99	1.50	335	1.50	401	3.00	054 732					2M4765	1
76.99	1.50	032	1.50	126	3.00	054 732					4803	4
76.99	1.50	363	1.50	126	3.00	054 732					2C4803	4
76.99	1.50	032	1.50	401	4.00	058 732					6134	4
76.99	1.50	363	1.50	401	4.00	058 732					2C6134	4
76.99	1.50	032	2.00	435	4.00	058 732					6175	4
76.99	1.50	363	2.00	435	4.00	058 732					2C6175	4
76.99	1.50	322	2.00	435	4.00	058 732					2N6175	4
76.99	1.75	032	2.00	401	4.00	058 732					4843	4
76.99	1.75	363	2.00	401	4.00	058 732					2C4843	4
76.99	1.75	032	2.00	435	4.00	056 732					6857	4
76.99	1.75	362	2.00	435	4.00	056 732					2C6857	4
76.99	1.75	362	2.00	435	4.00	056 732					2C7215	4
76.99	2.00	363	1.75	102	3.00	553 881					2D4981	4
76.99	2.00	102	2.00	401	4.00	058 732					4851	4
76.99	2.00	102	2.00	435	4.00	055 732					6741	4
76.99	2.00	362	2.00	435	4.00	055 732					2C6741	4
76.99	2.00	102	2.00	435	4.00	056 732					6780	4
76.99	2.00	362	2.00	435	4.00	056 732					2C6780	4
76.99	2.50	362	2.50	401	4.00	056 732					2C5868	4
77.19	1.75	326	1.75	257	3.00	203 881					2D7821	4
77.24	1.60	032	2.00	401	4.00	056 732					5019	4
77.24	1.60	327	2.00	401	4.00	056 732					2M5019	4
77.39	1.20	398	1.20	126	2.50	995 732					2C5196	4
77.50	1.50	032	1.50	126	2.80	861 732					6140	4
77.50	1.50	363	1.50	126	2.80	861 732					2C6140	4
77.57	1.00	398	1.00	123	2.00	993 005					2C4354	4
77.60	1.20	398	1.50	401	2.00	993 005					2C5218	4
77.60	1.50	032	1.50	401	3.00	054 732					4812	4
77.60	1.50	362	1.50	401	3.00	054 732					2C4812	4
77.90	1.20	398	1.20	126	2.00	993 005					2C4115	4
77.90	1.20	398	1.50	126	2.50	995 732					2C4569	4

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE	5TH GROOVE	6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
78.00	1.20	398	1.20	126	2.00	990 732					2C4091	3
78.00	1.20	398	1.20	126	2.00	990 732					2C5393	3
78.00	1.20	398	1.20	126	2.00	990 732					2C4439	4
78.00	1.20	398	1.20	126	2.50	995 732					2C5310	4
78.00	1.20	398	1.20	126	2.50	533 732					2C4118	4
78.00	1.20	398	1.20	126	2.50	995 732					2C4186	4
78.00	1.20	398	1.50	126	2.50	533 732					2C4170	6
78.00	1.20	398	1.50	126	2.50	533 732					2C4994	4
78.00	1.20	398	1.50	126	2.80	861 732					2C4692	2
78.00	1.20	398	1.50	126	2.80	861 732					2C4778	3
78.00	1.20	398	1.50	126	3.00	054 732					2C5115	4
78.00	1.20	398	1.50	126	4.00	058 732					2C4237	4
78.00	1.50	362	1.50	126	2.50	533 732					2C4619	2
78.00	1.50	032	1.50	102	2.80	861 732					4662	4
78.00	1.50	363	1.50	102	2.80	861 732					2C4662	4
78.00	1.50	032	1.50	102	2.80	861 732					6240	6
78.00	1.50	363	1.50	102	2.80	861 732					2C6240	6
78.00	1.50	032	1.50	126	3.00	054 732					4737	4
78.00	1.50	362	1.50	126	3.00	054 732					2C4737	4
78.00	1.50	032	1.50	126	3.00	996 732					5289	6
78.00	1.50	363	1.50	126	3.00	996 732					2C5289	6
78.00	1.50	032	1.50	126	4.00	058 732					4265	4
78.00	1.50	362	1.50	126	4.00	058 732					2C4265	4
78.00	1.50	327	1.50	126	4.00	058 732					2M4265	4
78.00	1.50	327	1.75	401	3.50	058 732					2M5026	4
78.00	1.50	362	1.75	401	4.00	056 732					2C9520	4
78.00	1.50	362	2.00	126	4.00	056 732					2C4412	4
78.00	1.75	362	2.00	401	3.00	553 881					2D7239	4
78.00	1.75	032	2.00	401	4.00	860 732					6197	4
78.00	1.75	362	2.00	401	4.00	860 732					2C6197	4
78.00	2.00	362	2.00	401	3.00	054 732					2C4864	4
78.00	2.00	032	2.00	126	4.00	056 732					4381	4
78.00	2.00	362	2.00	126	4.00	056 732					2C4381	4
78.00	2.00	362	2.00	401	4.00	052 732					2C4682	6

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE	5TH GROOVE	6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
78.00	2.00	102	2.00	401	4.00	056 732					6757	6
78.00	2.00	362	2.00	401	4.00	056 732					2C6757	6
78.00	2.00	032	2.00	401	4.00	055 732					6860	4
78.00	2.00	362	2.00	401	4.00	055 732					2C6860	4
78.00	2.00	032	2.00	401	4.00	056 732					6871	4
78.00	2.00	362	2.00	401	4.00	056 732					2C6871	4
78.00	2.00	102	2.50	401	4.00	056 732					6804	4
78.00	2.00	362	2.50	401	4.00	056 732					2C6804	4
78.31	1.75	205	2.00	214	3.00	204 881					2D7284	1
78.49	1.20	398	1.50	126	2.50	934 732					2C9369	4
78.49	1.50	327	1.50	126	3.00	054 732					2M9365	4
78.69	1.20	398	1.50	126	3.00	996 732					2C4134	4
78.99	1.20	398	1.20	126	2.00	934 005					2C4199	4
78.99	1.20	398	1.20	126	2.00	990 005					2C4356	4
78.99	1.20	398	1.20	126	2.00	993 005					2C5828	4
78.99	1.20	398	1.20	126	3.00	996 732					2C4947	4
78.99	1.20	322	1.50	406	2.00	987 714					2N4071	4
78.99	1.20	398	1.50	126	2.00	993 005					2C4596	4
78.99	1.20	398	1.50	126	2.00	990 005					2C5855	4
78.99	1.20	398	1.50	126	2.50	995 732					2C4621	4
78.99	1.20	398	1.50	126	3.00	872 732					2C4602	4
78.99	1.20	398	1.50	126	3.00	054 732					2C5301	4
78.99	1.50	032	2.00	126	4.00	056 732					6143	4
78.99	1.50	362	2.00	126	4.00	056 732					2C6143	4
78.99	1.60	102	1.60	102	3.18	870 732					6941	1
78.99	1.75	362	2.00	126	4.00	056 732					2C4448	4
78.99	2.00	032	1.50	126	3.00	054 732					4758	4
78.99	2.00	335	1.50	126	3.00	204 881					2D4758	4
78.99	2.00	217	1.50	218	3.00	204 881					2C7424	1
78.99	2.00	276	2.00	236	3.00	203 881					2D7540	4
78.99	2.00	032	2.00	401	5.00	871 732					4413	4
78.99	2.00	362	2.00	401	5.00	871 732					2C4413	4
78.99	2.00	032	2.50	401	4.00	056 732					4482	4
78.99	2.00	362	2.50	401	4.00	056 732					2C4482	4
79.38	1.60	363	1.60	126	4.00	058 732					2C6170	2

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE		5TH GROOVE	6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
79.38	2.00	032	2.00	126	4.75	871 732						690	6
79.38	2.38	362	2.38	126	2.38	126	4.75	860 732				2C7799	4
79.38	2.38	362	2.38	126	2.38	126	6.35	860 732				2C7724	4
79.38	2.38	032	2.38	126	4.75	871 732						680	6
79.38	2.38	362	2.38	126	4.75	871 732						2C680	6
79.38	2.38	032	2.38	126	4.75	871 732						828	4
79.38	2.38	362	2.38	126	4.75	871 732						2C828	4
79.38	2.38	362	2.38	126	6.35	860 732						2C7696	4
79.38	2.38	032	3.18	126	4.00	860 732	4.00	501				143	6
79.38	3.18	362	3.18	126	3.18	126	6.35	860 732				2C7543	4
79.38	3.18	032	3.18	126	4.00	860 732	4.00	501				142	6
79.50	1.20	398	1.50	126	2.50	995 732						2C5135	4
79.50	1.50	362	1.50	126	2.50	995 732						2C4313	4
79.50	1.75	205	2.00	126	3.00	204 881						2D5854	1
79.50	1.75	032	2.00	126	4.00	056 732						4490	4
79.50	1.75	363	2.00	126	4.00	056 732						2C4490	4
79.50	1.75	327	2.00	126	4.00	056 732						2M4490	4
79.50	1.75	032	2.00	126	4.00	058 732						4833	4
79.50	1.75	363	2.00	126	4.00	058 732						2C4833	4
79.50	1.75	363	2.00	126	4.00	056 732						2C6145	5
79.50	1.75	032	2.00	126	5.00	860 732						6117	4
79.50	1.75	362	2.00	126	5.00	860 732						2C6117	4
79.50	1.75	032	2.50	126	5.00	860 732						6118	4
79.50	1.75	362	2.50	126	5.00	860 732						2C6118	4
79.50	2.00	032	2.50	126	5.00	860 732						4304	4
79.50	2.00	362	2.50	126	5.00	860 732						2C4304	4
79.50	2.00	363	2.50	126	5.00	870 732						2C4828	4
79.93	1.60	032	2.00	126	4.00	860 732						5653	4
79.93	1.60	363	2.00	126	4.00	860 732						2C5653	4
79.93	1.60	327	2.00	126	4.00	860 732						2M5653	4
80.01	1.00	398	1.20	126	2.00	993 005						2C4623	2
80.01	1.20	398	1.20	126	2.50	995 732						2C5143	4
80.01	1.20	398	1.20	126	3.00	054 732						2C4647	4
80.01	1.20	398	1.50	126	2.00	993 005						2C4501	6
80.01	1.20	398	1.50	401	2.50	995 732						2C5221	6

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE		5TH GROOVE	6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
80.01	1.20	398	1.50	126	4.00	056 732						2C6141	4
80.01	1.20	322	1.75	275	3.00	996 732						2N4138	4
80.01	1.50	362	1.50	126	2.00	993 005						2C4559	6
80.01	1.50	102	1.50	102	3.00	054 732						5032	1
80.01	1.50	032	1.50	401	3.00	054 732						4691	4
80.01	1.50	362	1.50	401	3.00	054 732						2C4691	4
80.01	1.50	327	1.50	401	3.00	054 732						2M4691	4
80.01	1.50	102	1.50	126	4.00	056 732						6177	4
80.01	1.50	363	1.50	126	4.00	056 732						2C6177	4
80.01	1.50	376	1.75	406	3.00	200 881						2C4329	6
80.01	1.50	362	1.75	401	3.50	055 732						2C4291	4
80.01	1.50	032	1.75	401	4.00	056 732						9519	4
80.01	1.50	362	1.75	401	4.00	056 732						2C9519	4
80.01	1.50	102	2.00	126	3.50	055 732						4617	6
80.01	1.50	362	2.00	126	3.50	055 732						2C4617	6
80.01	1.50	032	2.00	126	4.00	058 732						6155	4
80.01	1.50	362	2.00	126	4.00	058 732						2C6155	4
80.01	1.50	102	2.00	401	4.00	056 732						6814	4
80.01	1.50	362	2.00	401	4.00	056 732						2C6814	4
80.01	2.00	219	2.00	209	3.00	204 881						2M5860	1
80.01	2.00	212	2.00	209	3.00	204 881						2D7352	1
80.01	2.00	032	2.00	401	3.00	054 732						4709	4
80.01	2.00	362	2.00	401	3.00	204 881						2D4709	4
80.01	2.00	032	2.00	401	4.00	056 732						6761	4
80.01	2.00	362	2.00	401	4.00	056 732						2C6761	4
80.01	2.00	032	2.00	401	4.00	056 732						6876	6
80.01	2.00	362	2.00	401	4.00	056 732						2C6876	6
80.01	2.00	032	2.50	401	5.00	871 732						6113	4
80.01	2.00	362	2.50	401	5.00	871 732						2C6113	4
80.01	2.50	220	2.00	209	3.00	204 881						2M7332	1
80.01	2.50	205	2.00	210	3.00	204 881						2D7412	1
80.01	3.00	225	2.00	210	3.00	204 881						2C7357	1
80.01	3.00	102	3.00	102	3.00	401	4.00	058 732				4964	1
80.01	3.00	102	3.00	401	4.75	871 732						5806	6
80.01	3.00	102	3.00	401	5.00	501						5755	4
80.26	1.60	102	1.60	102	1.60	102	4.00	056 732				6738	4

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
80.26	1.60	102	1.60	102	4.00	056 732					9526	4
80.29	1.50	032	1.50	401	3.00	054 005					4918	6
80.29	1.50	363	1.50	401	3.00	054 005					2C4918	6
80.49	1.00	398	1.00	123	1.50	981 005					2C4113	4
80.49	1.20	398	1.00	123	2.00	993 005					2C5395	4
80.49	1.20	398	1.20	126	2.00	993 005					2C5185	4
80.49	1.50	032	1.50	401	4.00	058 732					5300	4
80.49	1.50	032	1.75	401	3.00	054 732					5247	4
80.49	1.50	362	1.75	401	3.00	054 732					2C5247	4
80.49	1.50	102	2.00	126	4.00	058 732					4476	4
80.49	1.50	362	2.00	126	4.00	058 732					2C4476	4
80.49	1.50	032	2.00	126	4.00	056 732					5254	4
80.49	2.00	032	2.00	126	4.00	860 732					4293	4
80.49	2.00	362	2.00	126	4.00	860 732					2C4293	4
80.59	1.50	032	1.50	401	4.00	058 732					4367	4
80.59	1.50	363	1.50	401	4.00	058 732					2C4367	4
80.59	1.50	032	1.60	126	2.50	995 732					5194	4
80.59	1.50	363	1.60	126	2.50	995 732					2C5194	4
80.59	1.75	032	2.00	401	4.00	056 732					4253	4
80.59	1.75	363	2.00	401	4.00	056 732					2C4253	4
80.59	2.00	032	2.00	401	4.00	056 732					6172	4
80.59	2.00	363	2.00	401	4.00	056 732					2C6172	4
80.98	1.60	327	1.60	126	4.00	860 732					2M4915	1
80.98	1.60	032	1.60	126	4.00	056 732					6166	2
80.98	1.60	327	1.60	126	4.00	056 732					2M6166	2
80.98	1.60	102	1.60	102	4.00	860 732					6953	1
80.98	1.60	102	1.60	102	4.75	860 732					7003	2
80.98	1.60	327	1.60	126	4.75	860 732					2M7003	2
80.98	1.60	032	2.00	126	4.00	056 732					677	4
80.98	1.60	363	2.00	126	4.00	056 732					2C677	4
80.98	1.60	327	2.00	126	4.00	056 732					2M677	4
80.98	1.60	363	2.00	126	4.00	860 732					2C9502	4
80.98	1.60	336	2.00	126	4.00	860 732					2M9502	4
80.98	1.60	102	4.00	860 732							6948	1
80.98	2.00	032	2.00	401	4.00	860 732					5981	4

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE		5TH GROOVE	6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
80.98	2.00	362	2.00	401	4.00	860 732						2C5981	4
80.98	2.00	032	2.00	126	4.75	860 732						4417	4
80.98	2.00	362	2.00	126	4.75	860 732						2C4417	4
80.98	2.00	032	2.00	126	4.75	860 732						5075	8
80.98	2.38	362	2.38	126	2.38	126	4.75	860 732				2C7564	4
80.98	2.38	362	2.38	126	4.00	860 732	4.00	501				2C523	4
80.98	2.38	032	2.38	126	4.00	860 732	4.00	501				529	8
80.98	2.38	362	2.38	126	4.00	056 732	4.00	501				2C7505	4
80.98	2.38	362	2.38	126	4.00	860 732						2C825	4
80.98	2.38	032	2.38	126	4.75	860 732	4.75	501				533	8
80.98	2.38	362	2.38	126	4.75	860 732	4.75	501				2C533	8
80.98	2.38	362	2.38	126	4.75	860 732						2C535	4
80.98	2.38	362	2.38	126	4.75	860 732	4.75	501				2C549	4
80.98	2.38	032	2.38	126	6.35	860 732						4123	4
80.98	2.38	362	2.38	126	6.35	860 732						2C4123	4
80.98	2.38	362	2.38	126	6.35	860 732						2C7698	4
81.00	1.00	398	1.20	126	2.00	990 005						2C4357	4
81.00	1.00	398	1.20	126	2.00	993 005						2C4590	4
81.00	1.00	398	1.20	126	2.80	861 732						2C4666	4
81.00	1.00	398	1.20	126	2.80	861 732						SC5572	4
81.00	1.20	398	1.20	126	2.00	993 005						2C4850	4
81.00	1.20	398	1.20	126	2.80	997 732						2C4769	4
81.00	1.20	322	1.50	406	2.00	203 881						2N4097	6
81.00	1.20	398	1.50	126	2.00	934 935						2C5095	4
81.00	1.20	398	1.50	126	2.80	861 732						2C4658	4
81.00	1.20	398	1.50	126	2.80	861 732						2C4684	4
81.00	1.20	398	1.50	126	3.00	054 732						2C4733	4
81.00	1.20	322	1.50	126	3.00	987 714						2N4733	4
81.00	1.20	398	1.50	126	3.00	997 732						2C4773	4
81.00	1.20	398	1.75	126	3.00	054 732						2C4993	5
81.00	1.50	327	1.50	401	2.00	203 881						2D5020	6
81.00	1.50	032	1.50	126	2.80	861 732						6180	4
81.00	1.50	362	1.50	126	2.80	861 732						2C6180	4
81.00	1.50	327	1.50	126	2.80	861 732						2M6180	4
81.00	1.50	032	1.50	126	3.00	054 732						4683	4

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
81.00	1.50	335	1.50	126	3.00	054 732					2M4683	4
81.00	1.50	322	1.50	126	3.00	987 714					2N4683	4
81.00	1.50	032	1.50	126	4.00	056 732					4665	4
81.00	1.50	363	1.50	126	4.00	056 732					2C4665	4
81.00	1.50	363	1.50	126	4.00	058 732					2C4867	4
81.00	1.50	335	1.70	126	3.00	553 881					2D4541	5
81.00	1.50	335	1.75	126	2.00	993 005					2M4584	6
81.00	1.50	032	1.75	126	2.00	993 005					4923	4
81.00	1.50	335	1.75	126	2.00	993 005					2M4923	4
81.00	1.50	032	1.75	126	3.00	054 732					4341	4
81.00	1.50	362	1.75	126	3.00	054 732					2C4341	4
81.00	1.50	335	1.75	126	3.00	054 732					2M4341	4
81.00	1.50	032	1.75	126	3.00	054 732					4921	6
81.00	1.50	363	1.75	126	3.00	054 732					2C4921	6
81.00	1.75	363	2.00	130	2.00	203 881					2C7487	1
81.00	1.75	032	2.00	126	3.00	054 732					4600	4
81.00	1.75	362	2.00	126	3.00	054 732					2C4600	4
81.00	1.75	032	2.00	126	3.00	054 732					4922	5
81.00	1.75	362	2.00	126	3.00	054 732					2C4922	5
81.00	1.75	205	2.00	130	3.00	204 881					2D7282	1
81.00	2.00	255	1.75	275	2.00	203 881					2D7827	5
81.00	2.00	255	1.75	123	3.00	553 881					2D7545	5
81.00	2.50	212	2.00	130	3.00	204 881					2D7476	1
81.00	2.50	255	2.50	123	3.00	553 881					2D7834	5
81.28	1.60	335	2.00	126	4.00	056 732					2M4787	4
81.48	1.20	398	1.20	126	2.50	995 732					2C5173	4
81.48	1.20	398	1.50	126	2.80	997 732					2C5104	4
81.48	1.20	398	1.50	126	3.00	997 732					2C4770	4
81.51	1.50	032	1.50	126	4.00	058 732					5201	4
81.58	1.20	398	1.50	126	3.00	054 732					2C4551	4
81.58	1.20	398	1.50	126	3.00	054 732					2C5160	6
81.58	1.50	032	1.50	401	3.00	054 732					5200	4
81.58	1.50	363	1.50	401	3.00	054 732					2C5200	4
81.58	1.50	363	1.50	401	3.00	054 732					2C5245	4
81.58	1.50	363	1.50	401	3.00	997 732					2C5269	2

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE	5TH GROOVE	6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
81.74	1.75	032	2.50	401	4.00	860 732					4544	6
81.74	1.75	363	2.50	401	4.00	860 732					2C4544	6
81.94	1.50	032	1.50	126	3.00	054 732					4261	4
81.94	1.50	327	1.50	126	3.00	054 732					2M4261	4
81.99	1.20	398	1.20	126	2.00	993 005					2C5825	4
81.99	1.20	398	1.20	126	2.50	995 732					2C4943	4
81.99	1.20	398	1.20	126	3.00	997 732					2C5087	4
81.99	1.20	398	1.50	126	2.00	934 005					2C4548	4
81.99	1.20	398	1.50	126	2.00	993 005					2C4108	6
81.99	1.20	322	1.50	406	2.00	987 714					2N4108	1
81.99	1.20	398	1.50	126	2.50	995 732					2C4984	4
81.99	1.20	322	1.50	126	2.50	987 714					2N4129	4
81.99	1.20	398	1.50	126	3.00	054 732					2C4891	4
81.99	1.50	032	1.50	126	3.00	054 732					4745	4
81.99	1.50	327	1.50	126	3.00	054 732					2M4745	4
81.99	1.50	032	1.50	126	3.00	054 732					4801	4
81.99	1.50	363	1.50	126	3.00	054 732					2C4801	4
81.99	1.50	032	1.50	126	4.00	872 732					4218	4
81.99	1.50	327	1.50	126	4.00	872 732					2M4218	4
81.99	1.50	032	1.50	126	4.00	058 732					4301	4
81.99	1.50	327	1.50	126	4.00	058 732					2M4301	4
81.99	1.50	032	1.50	126	4.00	056 732					4393	4
81.99	1.50	362	1.50	126	4.00	056 732					2C4393	4
81.99	1.50	362	1.50	126	4.00	058 732					2C4926	4
81.99	1.50	032	1.75	126	4.00	058 732					4802	4
81.99	1.50	327	1.75	126	4.00	058 732					2M4802	4
81.99	1.50	032	2.00	126	4.00	055 732					4461	4
81.99	1.50	362	2.00	126	4.00	055 732					2C4461	4
81.99	1.50	362	2.00	126	4.00	058 732					2C9377	4
81.99	1.75	032	2.00	126	3.00	054 732					4766	4
81.99	1.75	362	2.00	126	3.00	054 732					2C4766	4
81.99	1.75	362	2.00	401	4.00	056 732					2C7333	4
81.99	2.00	376	2.00	414	2.00	553					2D7097	1
81.99	2.00	205	2.00	214	2.00	248 881					2D7366	1
81.99	2.00	363	2.00	126	2.80	861 732					2C4475	1
81.99	2.00	032	2.00	126	4.00	056 732					4294	4

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
81.99	2.00	362	2.00	126	4.00	056 732					2C4294	4
81.99	2.00	327	2.00	126	4.00	056 732					2M4294	4
81.99	2.00	363	2.00	126	4.00	056 732					2C4826	4
81.99	2.00	032	2.00	126	4.50	870 732					4630	4
81.99	2.50	217	2.00	210	2.00	248 881					2C7340	1
81.99	3.00	221	2.00	209	3.00	204 881					2D7259	1
81.99	3.00	221	2.00	210	3.00	204 881					2D7355	1
82.04	1.20	398	1.50	126	2.00	993 005					2C5144	4
82.19	2.00	226	1.50	218	3.00	204 881					2C7428	1
82.19	2.00	362	2.00	126	3.00	054 732					2C5858	4
82.19	2.00	205	2.00	210	3.00	204 881					2D5858	1
82.30	1.20	398	1.50	126	3.00	997 732					2C4669	4
82.40	1.20	398	1.50	126	3.00	054 732					2C4794	6
82.40	1.20	398	1.50	126	3.00	054 732					2C4886	8
82.47	2.00	363	2.00	401	3.00	054 732					2C4821	4
82.50	1.00	398	1.20	126	1.50	981 005					2C5382	4
82.50	1.20	398	1.20	126	2.00	993 005					2C5385	4
82.50	1.20	322	1.20	406	2.00	248 881					2N5385	4
82.50	1.20	398	1.50	126	2.00	934 935					2C4562	5
82.50	1.20	398	1.50	126	2.00	934 935					2C4639	4
82.50	1.20	322	1.50	406	2.00	987 714					2N4639	4
82.50	1.20	398	1.50	126	2.00	934 935					2C4924	6
82.50	1.20	322	1.50	406	2.00	248 881					2N4144	1
82.50	1.20	398	1.75	126	3.00	997 732					2C4563	1
82.50	1.50	032	1.50	126	2.00	934 935					6190	4
82.50	1.50	363	1.50	126	2.00	934 935					2C6190	4
82.50	1.50	032	1.50	126	2.00	934 935					9547	5
82.50	1.50	363	1.50	126	2.00	934 935					2C9547	5
82.50	1.50	362	1.75	126	3.00	997 732					2C4927	1
82.50	1.50	362	2.00	401	4.00	056 732					2C6801	4
82.50	2.00	217	2.00	218	3.00	204 881					2C7538	1
82.50	2.00	032	2.00	401	5.00	871 732					6823	4
82.50	2.00	362	2.00	401	5.00	871 732					2C6823	4
82.50	2.50	211	2.00	210	3.00	204 881					2D7104	1
82.50	2.50	238	2.00	218	3.00	204 881					2C7133	1

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE		5TH GROOVE	6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
82.55	1.60	102	1.60	102	4.00	056 732						6954	1
82.55	1.60	102	4.00	860 732								6949	1
82.55	2.00	032	2.00	126	2.00	126	4.75	860 732				6184	2
82.55	2.00	362	2.00	126	2.00	126	4.75	860 732				2C6184	2
82.55	2.00	032	2.00	126	4.75	860 732						4398	2
82.55	2.00	032	2.00	401	4.75	860 732						5909	4
82.55	2.00	362	2.00	401	4.75	860 732						2C5909	4
82.55	2.00	032	2.00	401	4.75	860 732						5914	6
82.55	2.38	032	2.38	126	2.38	126	4.75	860 732				4215	4
82.55	2.38	362	2.38	126	2.38	126	4.75	860 732				2C4215	4
82.55	2.38	032	2.38	126	2.38	126	4.75	860 732				5123	2
82.55	2.38	362	2.38	126	2.38	126	4.75	860 732				2C5123	2
82.55	2.38	032	2.38	126	2.38	126	4.75	860 732				7584	4
82.55	2.38	362	2.38	126	2.38	126	4.75	860 732				2C7584	4
82.55	2.38	032	2.38	126	4.00	860 732	4.00	501				144	6
82.55	2.38	362	2.38	126	4.00	860 732	4.00	501				2C144	6
82.55	2.38	032	2.38	126	4.00	860 732	4.00	501				446	8
82.55	2.38	032	2.38	126	4.00	860 732	4.00	501				7582	4
82.55	2.38	362	2.38	126	4.00	860 732	4.00	501				2C7582	4
82.55	2.38	032	2.38	126	4.75	860 732						619	8
82.55	2.38	032	2.38	126	4.75	860 732						6261	2
82.55	2.38	032	2.38	401	4.75	860 732						6535	1
82.55	2.38	362	2.38	401	4.75	860 732						2C6535	1
82.55	2.38	032	2.38	126	4.75	860 732						7689	4
82.55	2.38	362	2.38	126	4.75	860 732						2C7689	4
82.55	2.38	032	2.38	126	4.75	860 732						7785	1
82.55	2.38	362	2.38	126	4.75	860 732						2C7785	1
82.55	2.38	032	3.18	126	4.00	860 732	4.00	501				443	6
82.55	2.38	032	3.18	126	4.75	860 732						6022	4
82.55	2.38	362	3.18	126	4.75	860 732						2C6022	4
82.55	3.18	032	3.18	126	3.18	126	4.75	860 732				4072	6
82.55	3.18	362	3.18	126	3.18	126	4.75	860 732				2C4072	6
82.55	3.18	362	3.18	126	3.18	126	4.75	860 732				2C7789	4
82.55	3.18	032	3.18	126	3.18	126	4.75	860 732				7868	1
82.55	3.18	032	3.18	126	4.00	860 732	4.00	501				441	6

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
82.55	3.18	032	3.18	126	4.75	860 732					5060	4
82.55	3.18	362	3.18	126	4.75	860 732					2C5060	4
82.55	3.18	032	3.18	126	4.75	860 732					7843	2
82.55	3.18	362	3.18	126	4.75	860 732					2C7843	2
82.70	1.20	398	1.50	126	2.00	934 935					2C4909	4
82.70	1.50	362	1.50	126	4.00	058 732					2C4499	4
82.70	1.50	327	1.50	126	4.00	058 732					2M4499	4
82.70	1.50	032	1.75	401	3.00	054 732					4990	4
82.70	1.50	362	1.75	401	3.00	054 732					2C4990	4
82.91	1.50	362	1.75	126	3.00	054 732					2C5074	6
83.01	1.20	317	1.00	416	2.00	990 714					SN4173	6
83.01	1.20	317	1.20	406	2.00	990 714					SN4172	6
83.01	1.20	398	1.20	126	2.50	995 732					2C5316	4
83.01	1.20	398	1.20	126	2.80	861 732					2C4739	4
83.01	1.20	398	1.50	126	2.50	995 732					2C4510	1
83.01	1.20	398	1.50	126	3.00	054 732					2C4749	4
83.01	1.20	398	1.50	126	3.00	997 732					2C4771	4
83.01	1.20	398	1.50	126	4.00	056 732					2C4446	4
83.01	1.20	322	1.75	406	2.00	987 714					2N4055	4
83.01	1.20	398	1.75	126	3.00	997 732					2C4528	1
83.01	1.50	239	1.50	406	2.00	553 881					2D7528	4
83.01	1.50	032	1.50	126	2.80	861 732					4221	4
83.01	1.50	376	1.50	126	2.80	861 732					2C4221	4
83.01	1.50	032	1.50	126	3.00	054 732					4651	4
83.01	1.50	376	1.50	126	3.00	054 732					2C4651	4
83.01	1.50	326	1.50	435	3.00	987 714					2N4651	4
83.01	1.50	032	1.50	126	3.00	054 732					5573	4
83.01	1.50	376	1.50	126	3.00	054 732					2C5573	4
83.01	1.50	102	1.50	126	4.00	058 732					4951	4
83.01	1.50	362	1.50	126	4.00	058 732					2C4951	4
83.01	1.50	032	1.50	126	4.00	058 732					6162	6
83.01	1.50	362	1.50	126	4.00	058 732					2C6162	6
83.01	1.50	327	1.50	126	4.00	058 732					2M6162	6
83.01	1.50	376	1.50	126	4.00	058 732					2C5881	4
83.01	1.50	032	1.75	126	4.00	058 732					4614	4

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE	5TH GROOVE	6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
83.01	1.50	362	1.75	126	4.00	058 732					2C4614	4
83.01	1.50	032	2.00	401	4.00	860 732					6148	6
83.01	1.50	362	2.00	401	4.00	860 732					2C6148	6
83.01	1.75	032	1.75	126	4.00	056 732					5046	4
83.01	1.75	362	1.75	126	4.00	056 732					2C5046	4
83.01	1.75	239	2.00	123	3.00	204 881					2D7534	6
83.01	2.00	255	1.75	123	2.00	248 881					2D7440	4
83.01	2.00	240	2.00	126	2.00	248 881					2D7367	1
83.01	2.00	220	2.00	126	2.00	248 881					2M7382	1
83.01	2.00	032	2.00	126	3.00	054 732					4865	4
83.01	2.00	362	2.00	126	3.00	204 881					2D4865	4
83.01	2.00	370	2.00	126	3.00	054 732					2C5016	4
83.01	2.00	239	2.00	123	3.00	204 881					2D7435	1
83.01	2.00	213	2.00	223	3.00	204 881					2D7468	1
83.01	2.00	227	2.00	123	3.00	203 881					2D7810	4
83.01	2.00	370	2.00	126	4.00	553 881					2D4223	4
83.01	2.00	102	2.00	401	4.00	058 732					5782	6
83.01	2.00	032	2.00	401	4.00	056 732					6793	4
83.01	2.00	362	2.00	401	4.00	056 732					2C6793	4
83.01	2.00	032	2.00	401	4.00	056 732					6831	4
83.01	2.00	362	2.00	401	4.00	056 732					2C6831	4
83.01	2.00	032	2.00	401	4.00	058 732					6856	6
83.01	2.00	362	2.00	401	4.00	058 732					2C6856	6
83.01	2.50	032	2.50	126	3.00	054 732					5376	2
83.01	3.00	221	2.00	202	3.00	204 881					2D7351	1
83.01	3.50	224	2.00	202	3.00	204 881					2M7157	1
83.21	1.50	326	1.75	406	3.00	987 714					2N4187	6
83.49	1.20	398	1.50	126	3.00	054 732					2C4928	6
84.00	1.00	398	1.20	126	2.80	861 732					SC8513	4
84.00	1.20	398	1.00	123	2.00	990 005					2C4434	4
84.00	1.20	398	1.20	126	2.00	993 005					2C5223	4
84.00	1.20	398	1.20	126	2.50	995 732					2C4521	4
84.00	1.20	398	1.20	126	2.50	995 732					2C4980	6
84.00	1.20	398	1.20	126	2.80	997 732					2C4973	4
84.00	1.20	326	1.20	126	2.80	997 732					2N4973	4

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
84.00	1.20	398	1.20	126	4.00	058 732					2C4644	6
84.00	1.20	398	1.50	126	2.00	993 005					2C4573	2
84.00	1.20	322	1.50	406	2.00	987 714					2N4573	4
84.00	1.20	398	1.50	126	2.50	995 732					2C4959	4
84.00	1.20	326	1.50	435	2.50	987 714					2N4959	4
84.00	1.20	398	1.50	126	2.50	995 732					2C5109	6
84.00	1.50	032	1.50	126	2.00	993 005					4557	2
84.00	1.50	362	1.50	126	2.00	993 005					2C4557	2
84.00	1.50	032	1.50	126	3.00	054 732					4555	4
84.00	1.50	362	1.50	126	3.00	054 732					2C4555	4
84.00	1.50	336	1.50	126	3.50	058 732					2M4955	4
84.00	1.50	032	1.50	126	4.00	058 732					4217	4
84.00	1.50	336	1.50	126	4.00	058 732					2M4217	4
84.00	1.50	362	1.75	401	3.00	054 732					2C4762	6
84.00	1.50	362	1.75	401	3.00	054 732					2C4763	4
84.00	1.50	032	1.75	401	4.00	056 732					4250	4
84.00	1.50	362	1.75	401	4.00	056 732					2C4250	4
84.00	1.50	102	1.75	401	4.50	871 732					4280	4
84.00	1.50	362	1.75	401	4.50	871 732					2C4280	4
84.00	1.50	102	2.00	401	4.00	056 732					4340	6
84.00	1.50	362	2.00	401	4.00	056 732					2C4340	6
84.00	1.50	032	2.00	126	4.00	058 732					4788	4
84.00	1.50	362	2.00	126	4.00	058 732					2C4788	4
84.00	1.50	102	2.00	401	4.00	056 732					9516	4
84.00	1.50	362	2.00	401	4.00	056 732					2C9516	4
84.00	1.75	322	1.75	406	2.00	248 881					2D7816	1
84.00	1.75	205	1.75	218	3.00	204 881					2D7167	1
84.00	2.00	205	1.75	218	3.00	204 881					2D7290	1
84.00	2.00	255	2.00	126	2.00	553 881					2D7308	1
84.00	2.00	032	2.00	126	4.00	058 732					4247	4
84.00	2.00	362	2.00	126	4.00	058 732					2C4247	4
84.00	2.00	032	2.00	401	4.50	871 732					6713	4
84.00	2.00	362	2.00	401	4.50	871 732					2C6713	4
84.00	2.00	032	3.00	401	5.00	871 732					5925	4
84.00	2.00	362	3.00	401	5.00	871 732					2C5925	4

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE		5TH GROOVE	6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
84.00	2.00	032	3.00	401	5.00	871 732						6137	6
84.00	2.00	362	3.00	401	5.00	871 732						2C6137	6
84.00	2.50	241	1.75	218	3.00	204 881						2D7376	1
84.00	2.50	205	2.00	202	2.00	248 881						2D7374	1
84.00	2.50	211	2.00	210	2.00	248 881						2D7343	1
84.00	2.50	217	2.00	210	3.00	204 881						2C7288	1
84.00	2.50	241	2.00	214	3.00	204 881						2D7455	1
84.00	3.00	221	2.00	210	2.00	248 881						2D7299	1
84.00	3.00	221	2.00	406	3.00	203 881						2D7279	1
84.07	1.50	032	1.50	401	4.00	056 732						6152	4
84.07	1.50	376	1.50	401	4.00	056 732						2C6152	4
84.07	2.00	032	2.00	401	4.00	056 732						9101	4
84.07	2.00	362	2.00	401	4.00	056 732						2C9101	4
84.15	1.60	102	1.60	102	4.00	860 732						6955	1
84.15	1.60	102	1.60	102	4.75	860 732						7024	2
84.15	1.60	102	4.00	860 732								6950	1
84.15	2.00	032	2.00	401	4.75	860 732						6726	4
84.15	2.00	032	2.38	126	2.38	126	6.35	860 732				6912	6
84.15	2.38	032	2.38	126	4.00	860 732	4.00	501 901				4233	6
84.15	2.38	032	2.38	126	4.00	860 732	4.00	501				7537	4
84.15	2.38	032	2.38	126	4.75	860 732						6627	1
84.15	2.38	032	2.38	126	4.75	860 732						473	6
84.15	3.18	362	3.18	126	3.18	126	4.75	860 732				2C7578	4
84.46	3.00	378	2.00	406	3.00	553 881						2D7803	1
84.51	1.20	398	1.20	610	2.00	993 005						2C5303	6
84.51	1.50	032	1.50	126	2.80	861 732						4681	4
84.51	1.50	363	1.50	126	2.80	861 732						2C4681	4
84.51	1.50	032	1.50	126	3.00	054 732						4750	6
84.51	1.50	362	1.50	126	3.00	054 732						2C4750	6
84.51	1.50	032	1.50	126	4.00	056 732						6156	4
84.51	1.50	363	1.50	126	4.00	056 732						2C6156	4
84.51	2.00	376	2.00	126	3.00	553 881						2D4954	4
84.79	1.50	032	1.50	126	3.00	054 732						4635	4
84.79	1.50	362	1.50	126	3.00	054 732						2C4635	4
84.79	1.50	363	1.50	126	3.00	054 732						2C4834	4

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE	5TH GROOVE	6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
84.79	1.50	032	1.75	126	4.00	058 732					4848	4
84.79	1.50	327	1.75	126	4.00	058 732					2M4848	4
84.79	1.50	032	1.75	126	4.00	056 732					6193	4
84.79	1.50	362	1.75	126	4.00	056 732					2C6193	4
84.79	1.50	327	1.75	126	4.00	056 732					2M6193	4
84.86	1.20	398	1.50	126	2.50	995 732					2C4992	4
84.86	1.20	398	1.50	126	3.00	054 732					2C5150	4
84.86	1.20	398	1.75	126	3.00	054 732					2C4991	4
84.86	1.50	032	1.50	126	3.00	054 732					4889	4
84.86	1.50	335	1.50	126	3.00	054 732					2M4889	4
84.86	1.50	032	1.75	126	3.00	054 732					4887	4
84.86	1.50	327	1.75	126	3.00	054 732					2M4887	4
84.86	1.50	335	1.75	130	3.00	054 732					2M4987	4
84.94	2.00	032	2.00	126	4.75	860 732					834	6
84.94	2.00	362	2.00	126	4.75	860 732					2C834	6
84.99	1.20	398	1.20	126	2.00	993 732					2C4558	4
84.99	1.20	398	1.20	126	2.80	861 732					2C4654	4
84.99	1.20	398	1.20	126	2.80	997 732					2C4779	5
84.99	1.20	398	1.50	126	2.00	993 005					2C5203	4
84.99	1.20	398	1.50	126	2.50	995 732					2C4106	4
84.99	1.20	220	1.50	406	2.50	995 732					2M4106	4
84.99	1.20	398	1.50	126	2.80	997 732					2C4933	4
84.99	1.20	398	1.50	126	3.00	054 732					2C4613	4
84.99	1.20	398	1.50	126	3.00	997 732					2C4768	4
84.99	1.50	032	1.50	126	4.00	056 732					6899	4
84.99	1.50	362	1.50	126	4.00	056 732					2C6899	4
84.99	1.50	327	1.50	126	4.00	056 732					2M6899	4
84.99	1.50	362	2.00	401	3.00	054 732					2C9340	4
84.99	2.00	362	1.50	126	4.00	058 732					2C4661	4
84.99	2.00	272	2.00	123	2.00	248 881					2D4143	4
84.99	2.00	225	2.00	210	3.00	204 881					2C7425	1
84.99	2.00	032	2.00	126	4.00	058 732					6171	4
84.99	2.00	362	2.00	126	4.00	058 732					2C6171	4
84.99	2.00	032	2.00	401	4.00	056 732					6872	4
84.99	2.00	362	2.00	401	4.00	056 732					2C6872	4

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE		5TH GROOVE		6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
84.99	2.00	376	2.00	126	4.00	553 881							2D5058	6
84.99	2.00	032	2.00	126	5.00	871 732							4415	4
84.99	2.00	362	2.00	126	5.00	871 732							2C4415	4
84.99	2.50	274	1.50	406	2.00	203 881							2D7811	4
84.99	2.50	273	2.00	126	2.00	248 881							2D7549	4
84.99	2.50	032	2.50	401	5.00	871 732							5993	4
84.99	2.50	362	2.50	401	5.00	871 732							2C5993	4
84.99	2.50	032	2.50	401	5.00	871 732							5994	6
84.99	2.50	362	2.50	401	5.00	871 732							2C5994	6
84.99	3.00	362	3.00	032	3.00	401	5.50	860 732					2C6832	4
84.99	3.50	213	2.00	210	3.00	204 881							2D7176	1
85.29	1.50	376	1.75	406	3.00	553 881							2C4192	4
85.50	1.50	102	1.75	126	4.00	058 732							4664	4
85.50	1.50	362	1.75	126	4.00	058 732							2C4664	4
85.50	1.75	032	2.00	401	5.00	860 732							6165	4
85.50	1.75	362	2.00	401	5.00	860 732							2C6165	4
85.50	1.75	202	2.00	406	5.00	553 881							5277	4
85.50	2.00	102	2.00	401	5.00	871 732							4841	4
85.50	2.00	363	2.00	126	5.00	871 732							2C4841	4
85.50	2.00	032	2.00	401	5.00	871 732							6781	4
85.50	2.00	362	2.00	401	5.00	871 732							2C6781	4
85.50	2.00	032	3.00	401	5.00	860 732							6772	4
85.70	2.50	032	2.50	401	4.75	871 732							5738	6
85.70	2.50	362	2.50	401	4.75	871 732							2C5738	6
85.73	2.00	032	2.00	126	4.75	860 732							474	8
85.73	2.00	032	2.00	126	4.75	860 732							662	6
85.73	2.00	362	2.00	126	4.75	860 732							2C662	6
85.73	2.00	032	2.00	126	4.75	860 732							6474	1
85.73	2.00	362	2.00	126	4.75	860 732							2C6474	1
85.73	2.00	032	2.00	401	4.75	860 732							6874	4
85.73	2.00	362	2.00	401	4.75	860 732							2C6874	4
85.73	2.38	102	2.38	102	2.38	102	4.75	871 732	4.75	501			5960	4
85.73	2.38	362	2.38	126	2.38	126	4.75	860 732					2C7671	4
85.73	2.38	362	2.38	126	2.38	126	6.35	860 732					2C7558	4
85.73	2.38	362	2.38	102	4.00	860 732	4.00	501					2C438	6

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE		5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
85.73	2.38	362	2.38	126	4.75	860 732						2C7144	4
85.73	2.38	362	3.18	126	3.18	126	6.35	860 732				2C7207	4
85.73	3.18	032	3.18	126	3.18	126	4.75	860 732				7762	4
85.73	3.18	362	3.18	126	3.18	126	4.75	860 732				2C7762	4
85.73	3.18	362	3.18	126	3.18	126	6.35	553 881				2D7536	4
85.73	3.18	362	4.00	102	4.00	401	6.35	860 732				2C726	4
86.00	1.20	398	1.20	126	2.00	993 005						2C4835	4
86.00	1.20	398	1.20	126	2.00	993 005						2C5089	4
86.00	1.20	398	1.20	126	2.00	248 881						2C7194	4
86.00	1.20	398	1.20	126	2.80	997 732						2C4969	4
86.00	1.20	398	1.20	126	2.80	997 732						2C4971	6
86.00	1.20	398	1.20	126	3.00	997 732						2C5005	4
86.00	1.20	398	1.50	126	2.00	993 005						2C4179	4
86.00	1.20	398	1.50	126	2.00	993 005						2C5239	6
86.00	1.20	398	1.50	126	2.00	993 005						2C5302	8
86.00	1.20	398	1.50	126	2.50	995 732						2C4703	4
86.00	1.20	398	1.50	126	2.50	995 732						2C5130	4
86.00	1.20	322	1.50	435	2.50	995 732						2N5130	4
86.00	1.20	398	1.50	126	2.50	995 732						2C5142	8
86.00	1.20	322	1.50	406	2.50	987 714						2N4189	4
86.00	1.20	398	1.50	435	3.00	054 732						2C4996	6
86.00	1.20	398	1.50	435	4.00	058 732						2C4653	4
86.00	1.50	032	1.50	435	2.80	861 732						4754	6
86.00	1.50	376	1.50	435	2.80	861 732						2C4754	6
86.00	1.50	397	1.50	435	2.80	861 732						2M4754	6
86.00	1.50	032	1.50	126	3.00	872 732						4601	4
86.00	1.50	397	1.50	126	3.00	872 732						2M4601	4
86.00	1.50	335	1.50	126	3.00	997 732						2M4896	6
86.00	1.50	397	1.50	126	3.00	054 732						2M4946	6
86.00	1.50	397	1.50	126	3.00	872 732						2M5094	6
86.00	1.50	032	1.50	435	4.00	058 732						4219	4
86.00	1.50	362	1.50	435	4.00	058 732						2C4219	4
86.00	1.50	327	1.50	435	4.00	058 732						2M4219	4
86.00	1.50	376	1.50	435	4.00	058 732						2C4713	6
86.00	1.50	032	1.50	435	4.00	058 732						5664	4

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE	5TH GROOVE	6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
86.00	1.50	362	1.50	435	4.00	058 732					2C5664	4
86.00	1.50	397	1.50	435	4.00	058 732					2M5664	4
86.00	1.50	322	1.50	126	4.00	987 714					2N5664	4
86.00	1.50	032	1.75	126	3.00	054 732					5065	4
86.00	1.50	397	1.75	126	3.00	054 732					2M5065	4
86.00	1.50	032	2.00	126	4.00	056 732					6142	6
86.00	1.50	362	2.00	126	4.00	056 732					2C6142	6
86.00	1.50	376	2.00	126	4.00	056 732					2C6150	6
86.00	1.50	032	2.00	435	4.00	056 732					9514	4
86.00	1.50	362	2.00	435	4.00	056 732					2C9514	4
86.00	1.60	102	1.60	102	4.00	058 732					6735	4
86.00	1.60	362	1.60	102	4.00	058 732					2C6735	4
86.00	1.60	102	1.75	126	3.00	997 732					4876	4
86.00	1.60	362	1.75	126	3.00	997 732					2C4876	4
86.00	1.75	032	1.50	126	4.00	058 732					5281	4
86.00	1.75	362	2.50	401	4.00	056 732					2C4303	6
86.00	2.00	226	1.50	218	2.00	248 881					2C7465	1
86.00	2.00	212	2.00	210	2.00	248 881					2D7451	1
86.00	2.00	335	2.00	435	3.00	553 881					2D4989	4
86.00	2.00	212	2.00	210	3.00	204 881					2D7365	1
86.00	2.00	385	2.00	135	3.00	203 881					2D7809	4
86.00	2.00	032	2.00	126	4.00	860 732					4394	6
86.00	2.00	362	2.00	126	4.00	860 732					2C4394	6
86.00	2.00	336	2.00	435	4.00	553 881					2D4210	4
86.00	2.00	032	2.50	401	4.00	860 732					6846	4
86.00	2.00	362	2.50	401	4.00	860 732					2C6846	4
86.00	2.50	211	2.00	210	3.00	204 881					2D7145	1
86.00	2.50	212	2.00	202	3.00	204 881					2D7329	1
86.00	2.50	362	2.00	435	5.00	553 881					2D4390	4
86.00	2.50	372	2.50	401	3.00	204 881					2D5043	4
86.13	2.00	032	2.00	126	4.00	860 732					674	4
86.13	2.00	362	2.00	126	4.00	860 732					2C674	4
86.21	1.60	032	2.00	401	4.00	056 732					4900	4
86.21	1.60	363	2.00	401	4.00	056 732					2C4900	4
86.21	2.50	227	2.00	202	3.00	204 881					2C7498	1

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE		5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
86.36	2.00	032	2.00	126	4.75	860 732						687	6
86.36	2.00	362	2.00	126	4.75	860 732						2C687	6
86.36	2.00	327	2.00	126	4.75	860 732						2M687	6
86.39	1.50	032	1.50	126	3.00	054 732						4523	4
86.39	1.50	363	1.50	126	3.00	054 732						2C4523	4
86.39	1.50	032	1.75	401	3.00	054 732						4800	4
86.39	1.50	363	1.75	401	3.00	054 732						2C4800	4
86.39	1.50	362	2.00	401	3.00	054 732						2C4519	4
86.39	1.50	032	2.00	401	4.00	058 732						4804	4
86.39	1.50	363	2.00	401	4.00	058 732						2C4804	4
86.39	1.50	032	2.00	401	4.00	860 732						6139	4
86.39	1.50	362	2.00	401	4.00	860 732						2C6139	4
86.49	1.20	398	1.50	126	2.80	997 732						2C4780	4
86.49	1.20	398	1.50	126	3.00	997 732						2C4783	4
86.49	1.50	032	1.50	126	4.00	058 732						4638	4
86.49	1.50	362	1.50	126	4.00	058 732						2C4638	4
86.49	2.00	032	2.00	126	2.50	126	4.00	860 732				9505	6
86.49	2.00	362	2.00	126	2.50	126	4.00	056 732				2C9505	6
86.49	2.00	362	2.00	401	4.00	056 732						2C5591	4
86.51	2.00	032	2.50	126	5.00	871 732						4466	4
86.51	2.00	362	2.50	126	5.00	871 732						2C4466	4
86.69	1.20	398	1.20	435	2.00	993 732						2C5384	6
86.69	1.20	398	1.20	126	2.50	995 732						2C5265	6
87.00	1.20	398	1.00	123	2.00	993 005						2C4122	4
87.00	1.20	398	1.20	126	2.00	993 005						2C5147	4
87.00	1.20	398	1.20	126	2.00	990 732						2C5148	4
87.00	1.20	398	1.20	126	2.50	995 732						2C5179	4
87.00	1.20	398	1.20	126	2.80	997 732						2C4767	4
87.00	1.20	398	1.20	126	3.00	997 732						2C5006	4
87.00	1.20	398	1.20	435	3.00	987 714						2N5006	4
87.00	1.20	398	1.20	126	4.00	058 732						2C4645	6
87.00	1.20	398	1.50	126	3.00	872 732						2C4895	8
87.00	1.50	362	1.50	102	2.50	401	4.00	056 732				2C4542	4
87.00	1.50	032	1.50	126	2.80	861 732						6196	6
87.00	1.50	335	1.50	126	2.80	861 732						2M6196	6

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE	5TH GROOVE	6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
87.00	1.50	032	1.50	126	3.00	997 732					4686	4
87.00	1.50	397	1.50	126	3.00	997 732					2M4686	4
87.00	1.50	102	1.50	102	3.00	054 732					4756	1
87.00	1.50	032	1.50	126	3.00	872 732					4761	8
87.00	1.50	335	1.50	126	3.00	872 732					2M4761	8
87.00	1.50	362	1.50	102	4.00	872	732				2C4299	4
87.00	1.50	335	1.50	102	4.00	058 732					2M4207	4
87.00	1.50	102	1.50	102	4.00	058 732					6149	4
87.00	1.50	362	1.50	102	4.00	058 732					2C6149	4
87.00	1.50	327	1.50	102	4.00	058 732					2M6149	4
87.00	1.50	362	2.50	401	4.00	056 732					2C7275	4
87.00	1.75	032	2.00	126	4.00	056 732					5497	4
87.00	2.00	032	2.00	401	4.00	056 732					5957	6
87.00	2.00	362	2.00	401	4.00	056 732					2C5957	6
87.00	2.00	362	1.50	126	2.80	861 732					2C6239	6
87.00	2.00	362	2.00	126	3.00	054 732					2C5163	1
87.00	2.00	032	2.00	126	4.00	056 732					6157	4
87.00	2.00	362	2.00	126	4.00	056 732					2C6157	4
87.00	2.00	327	2.00	126	4.00	056 732					2M6157	4
87.00	2.00	032	2.00	126	5.00	871 732					4416	6
87.00	2.00	362	2.00	126	5.00	871 732					2C4416	6
87.00	2.00	032	2.00	126	5.00	871 732					4298	4
87.00	2.00	362	2.00	126	5.00	871 732					2C4298	4
87.00	2.00	032	2.50	126	4.00	056 732					4320	4
87.00	2.00	362	2.50	126	4.00	056 732					2C4320	4
87.00	2.50	220	1.75	209	2.50	204 881					2M7298	1
87.00	2.50	222	2.00	214	3.00	204 881					2D7495	1
87.00	2.50	220	2.00	126	3.00	204 881					2D5627	1
87.00	3.00	228	1.75	209	2.50	204 881					2M7349	1
87.00	3.00	363	2.00	401	4.00	056 732					2C9506	4
87.20	2.00	032	2.50	401	4.00	860 732					6830	4
87.20	2.00	362	2.50	401	4.00	860 732					2C6830	4
87.33	1.60	032	1.60	126	3.18	860 732					669	6
87.33	1.60	362	1.60	126	3.18	860 732					2C669	6
87.33	1.60	327	1.60	126	3.18	860 732					2M669	6
87.33	1.60	327	1.60	126	4.00	860 732					2M4916	1

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE		5TH GROOVE		6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
87.33	1.60	032	1.60	126	4.75	501							4609	2
87.33	1.60	032	1.60	126	4.75	860 732							6482	2
87.33	1.60	327	1.60	126	4.75	860 732							2M6482	2
87.33	2.00	032	2.00	126	4.75	860 732							627	8
87.33	2.00	032	2.00	126	4.75	860 732							663	6
87.33	2.00	362	2.00	126	4.75	860 732							2C663	6
87.33	2.00	362	2.00	362	4.75	860 732							2C6638	1
87.33	2.00	032	2.38	126	2.38	126	6.35	860 732					6677	4
87.33	2.00	362	2.38	126	2.38	126	6.35	860 732					2C6677	4
87.33	2.00	327	2.38	126	2.38	126	6.35	860 732					2M6677	4
87.33	2.00	032	2.38	126	2.38	126	6.35	860 732					6678	6
87.33	2.00	362	2.38	126	2.38	126	6.35	860 732					2C6678	6
87.33	2.38	362	2.38	126	2.38	126	4.75	860 732	4.75	501			2C7585	4
87.33	2.38	032	2.38	126	2.38	126	4.75	860 732					7705	4
87.33	2.38	362	2.38	126	2.38	126	4.75	860 732					2C7705	4
87.33	2.38	362	2.38	126	2.38	126	6.35	860 732					2C5669	4
87.33	2.38	362	2.38	126	2.38	126	6.35	860 732					2C7681	4
87.33	2.38	362	2.38	126	3.18	126	6.35	860 732					2C7790	4
87.33	2.38	032	2.38	126	4.00	860 732	4.00	501					445	6
87.33	2.38	362	2.38	126	4.00	860 732	4.00	501					2C445	6
87.33	2.38	032	2.38	126	4.75	860 732							618	6
87.33	2.38	032	2.38	126	4.75	860 732	4.75	501					429	8
87.33	2.38	362	2.38	126	4.75	860 732							2C5127	6
87.33	2.38	032	2.38	126	4.75	501							5193	2
87.33	2.38	362	2.38	126	4.75	860 732							2C5193	2
87.33	2.38	032	2.38	126	4.75	860 732							6588	1
87.33	2.38	362	2.38	126	4.75	860 732							2C6588	1
87.33	2.38	362	2.38	126	4.75	860 732							2C7501	4
87.33	2.38	032	3.18	126	3.18	126	4.75	860 732	4.75	501			4288	4
87.33	2.38	362	3.18	126	3.18	126	4.75	860 732	4.75	501			2C4288	4
87.33	2.38	032	3.18	126	3.18	126	4.75	860 732	4.75	501			5106	6
87.33	2.38	362	3.18	126	3.18	126	4.75	860 732	4.75	501			2C5106	6
87.33	2.38	362	3.18	126	4.75	860 732							2C4878	6
87.33	2.38	362	3.18	126	4.75	860 732	4.75	501					2C5263	6
87.33	3.18	032	3.18	126	3.18	126	4.75	860 732					5063	4
87.33	3.18	362	3.18	126	3.18	126	4.75	860 732					2C5063	4

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE		5TH GROOVE		6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
87.33	3.18	362	3.18	126	3.18	126	4.75	501 825	4.75	501			2C5102	6
87.50	1.20	398	1.20	126	2.00	993 005							2C5282	4
87.50	1.20	326	1.20	126	2.00	993 005							2N5282	4
87.50	1.20	398	1.20	126	2.50	995 732							2C5158	4
87.50	1.20	326	1.20	126	2.50	987 714							2N5158	4
87.50	1.20	398	1.20	126	3.00	872 732							2C4759	4
87.50	1.20	398	1.20	126	3.00	997 732							2C4902	6
87.50	1.20	398	1.50	126	2.00	993 005							2C4150	4
87.50	1.20	398	1.50	126	2.50	995 732							2C4174	4
87.50	1.20	398	1.50	126	2.50	995 732							2C5125	4
87.50	1.20	398	1.50	126	2.50	995 732							2C5131	6
87.50	1.20	398	1.50	126	3.00	872 732							2C4948	4
87.50	1.50	397	1.50	126	2.00	993 005							2M5168	4
87.50	1.50	335	1.50	126	3.00	997 732							2M4676	6
87.50	1.50	335	1.50	126	3.00	997 732							2M4678	8
87.50	1.50	397	1.50	126	3.00	054 732							2M4734	4
87.50	1.50	335	1.50	126	4.00	056 732							2M4206	4
87.50	1.50	032	1.50	126	4.00	872 732							4222	4
87.50	1.50	362	1.50	126	4.00	872 732							2C4222	4
87.50	1.50	335	1.50	126	4.00	872 732							2M4222	4
87.50	1.50	032	1.50	126	4.00	856 732							4689	6
87.50	1.50	397	1.50	126	4.00	856 732							2M4689	6
87.50	1.50	335	1.50	126	4.00	872 732							2M4880	4
87.50	1.50	032	1.50	126	4.00	056 732							5652	4
87.50	1.50	363	1.50	126	4.00	056 732							2C5652	4
87.50	1.50	327	1.50	126	4.00	056 732							2M5652	4
87.60	1.20	398	1.00	123	2.00	990 732							2C5146	6
87.91	1.20	398	1.50	126	3.00	997 732							2C4817	4
87.99	1.20	398	1.20	126	2.00	993 005							2C5297	4
87.99	1.20	398	1.50	126	2.00	993 005							2C4437	8
87.99	1.20	398	1.50	126	2.00	993 005							2C4564	4
87.99	1.20	398	1.50	126	2.50	995 732							2C5228	4
87.99	1.20	398	1.50	126	2.80	997 732							2C4567	6
87.99	1.50	335	1.50	126	3.00	872 005							2M4447	8
87.99	1.50	362	1.50	126	4.00	856 732							2C4365	4

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE		5TH GROOVE	6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
87.99	1.50	322	1.75	406	2.50	987 714						2N4059	6
87.99	1.50	362	1.75	126	4.00	056 732						2C4290	6
87.99	1.50	032	2.00	401	4.00	056 732						4488	6
87.99	1.50	362	2.00	401	4.00	056 732						2C4488	6
87.99	1.50	032	2.00	126	4.00	056 732						4279	4
87.99	1.50	362	2.00	126	4.00	056 732						2C4279	4
87.99	1.75	327	2.00	126	4.00	872 732						2M4455	4
87.99	1.75	032	2.00	126	4.00	056 732						4257	4
87.99	1.75	327	2.00	126	4.00	056 732						2M4257	4
87.99	2.00	032	2.00	126	2.00	126	4.50	871 732				6861	4
87.99	2.00	362	2.00	126	2.00	126	4.50	871 732				2C6861	4
87.99	2.00	362	2.00	032	2.00	401	5.00	553 881				2D4423	4
87.99	2.00	032	2.00	126	2.80	999 732						6121	1
87.99	2.00	032	2.00	126	4.00	872 732						5654	8
87.99	2.00	362	2.00	126	4.00	872 732						2C5654	8
87.99	2.00	327	2.00	126	4.00	872 732						2M5654	8
87.99	2.00	032	2.00	401	5.00	871 732						6837	4
87.99	2.00	362	2.00	401	5.00	871 732						2C6837	4
87.99	2.00	032	2.50	401	4.00	056 732						6854	4
87.99	2.00	362	2.50	401	4.00	056 732						2C6854	4
88.01	2.50	221	2.00	206	2.50	204 881						2D7138	1
88.01	2.50	212	2.00	229	3.00	204 881						2D7291	1
88.49	1.00	398	1.00	123	2.00	991 005						2C5267	4
88.49	1.20	398	1.20	126	2.00	991 005						2C5090	4
88.49	1.20	322	1.20	435	2.00	987 714						2N5090	4
88.49	1.50	335	1.75	126	3.00	054 732						2M4976	6
88.49	2.00	032	2.50	401	4.00	056 732						5623	4
88.49	2.00	362	2.50	401	4.00	056 732						2C5623	4
88.49	2.00	032	2.50	401	4.00	860 732						6886	4
88.49	2.00	362	2.50	401	4.00	860 732						2C6886	4
88.80	1.50	362	1.50	126	3.00	054 732						2C5283	6
88.82	1.20	397	1.50	126	2.50	872 005						2M5069	1
88.82	1.60	032	1.60	126	4.00	860 732						6164	2
88.82	1.60	327	1.60	126	4.00	860 732						2M6164	2
88.85	1.60	327	1.60	126	4.00	860 732						2M4917	1

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE		5TH GROOVE	6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
88.85	1.60	032	1.60	126	4.75	860 732						6127	2
88.85	1.60	327	1.60	126	4.75	860 732						2M6127	2
88.90	1.60	102	1.60	102	4.00	056 732						7002	1
88.90	1.60	032	1.60	126	4.75	860 732						4289	8
88.90	1.60	362	1.60	126	4.75	860 732						2C4289	8
88.90	1.75	362	2.00	401	4.00	860 732						2C6167	4
88.90	1.75	362	2.00	401	4.00	860 732						2C6168	6
88.90	2.00	032	2.00	126	4.75	860 732						582	6
88.90	2.00	362	2.00	126	4.75	860 732						2C582	6
88.90	2.00	327	2.00	126	4.75	860 732						2M582	6
88.90	2.00	032	2.00	126	4.75	860 732						652	8
88.90	2.00	363	2.00	126	4.75	860 732						2C652	8
88.90	2.00	327	2.00	126	4.75	860 732						2M652	8
88.90	2.00	032	2.00	401	4.75	860 732						6825	6
88.90	2.00	032	2.00	401	4.75	860 732						6810	4
88.90	2.00	327	2.00	401	4.75	860 732						2M6810	4
88.90	2.38	032	2.38	126	2.38	126	4.75	860 732				7119	4
88.90	2.38	362	2.38	126	2.38	126	4.75	860 732				2C7119	4
88.90	2.38	032	2.38	126	2.38	126	6.35	860 732				7123	4
88.90	2.38	362	2.38	126	2.38	126	6.35	860 732				2C7123	4
88.90	2.38	362	2.38	126	2.38	126	6.35	860 732				2C7503	4
88.90	2.38	032	2.38	126	4.75	860 732						458	8
88.90	2.38	362	2.38	126	4.75	860 732						2C534	6
88.90	2.38	032	2.38	126	4.75	860 732						562	8
88.90	2.38	362	2.38	126	4.75	860 732						2C562	8
88.90	2.38	032	2.38	126	4.75	860 732	4.75	501				611	6
88.90	2.38	362	2.38	126	4.75	860 732						2C6189	4
88.90	2.38	032	2.38	126	4.75	501						6427	1
88.90	2.38	032	3.18	126	4.75	860 732						4048	8
88.90	2.38	032	3.18	126	4.75	860 732	4.75	501				6130	1
88.90	2.38	362	3.18	126	4.75	860 732	4.75	501				2C6130	1
88.90	3.18	362	3.18	126	3.18	126	4.75	860 732				2C5117	4
88.90	3.18	032	3.18	126	4.75	860 732						133	6
88.90	3.18	362	3.18	126	4.75	860 732						2C133	6
88.90	3.18	032	3.18	126	4.75	860 732	4.75	501				6337	6
88.90	3.18	362	3.18	126	4.75	860 732						2C7844	2

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
89.00	1.00	398	1.20	126	1.50	981 005					2C5225	6
89.00	1.20	398	1.20	126	2.00	990 732					2C4516	4
89.00	1.20	398	1.20	126	2.50	995 732					2C5099	4
89.00	1.20	398	1.20	126	2.50	995 732					2C5162	4
89.00	1.20	398	1.20	126	2.80	997 732					2C4972	6
89.00	1.20	398	1.50	126	2.00	991 005					2C4204	6
89.00	1.20	398	1.50	126	2.50	995 732					2C4701	6
89.00	1.20	398	1.50	126	2.50	872 005					2C5077	6
89.00	1.20	398	1.50	126	2.80	861 732					2C4650	6
89.00	1.20	398	1.50	126	3.00	872 005					2C4888	6
89.00	1.20	398	1.50	126	3.00	997 732					2C4979	6
89.00	1.20	397	1.50	126	3.00	997 732					2M4979	6
89.00	1.50	032	1.50	126	2.80	861 732					4660	4
89.00	1.50	363	1.50	126	2.80	861 732					2C4660	4
89.00	1.50	032	1.50	126	3.00	872 005					5107	6
89.00	1.50	397	1.50	126	3.00	872 005					2M5107	6
89.00	1.50	032	1.50	126	3.00	872 005					6209	4
89.00	1.50	397	1.50	126	3.00	872 005					2M6209	4
89.00	1.50	032	1.50	126	4.00	872 732					4456	6
89.00	1.50	397	1.50	126	4.00	872 732					2M4456	6
89.00	1.50	032	1.50	126	4.00	056 732					5673	4
89.00	1.50	363	1.50	126	4.00	056 732					2C5673	4
89.00	1.50	032	1.50	126	4.00	052 005					5762	6
89.00	1.50	363	1.50	126	4.00	052 005					2C5762	6
89.00	1.50	397	1.50	126	4.00	052 005					2M5762	6
89.00	1.50	032	1.50	126	4.75	860 732					4256	4
89.00	1.50	397	1.50	126	4.75	860 732					2M4256	4
89.00	1.50	032	1.50	126	4.75	872 732					6169	4
89.00	1.50	397	1.50	126	4.75	872 732					2M6169	4
89.00	1.50	397	2.00	126	3.50	056 732					2M5145	6
89.00	1.50	032	2.00	126	4.75	860 732					4408	4
89.00	1.50	397	2.00	126	4.75	860 732					2M4408	4
89.00	1.50	032	2.00	126	4.75	860 732					5632	6
89.00	1.50	363	2.00	126	4.75	860 732					2C5632	6
89.00	1.50	397	2.00	126	4.75	860 732					2M5632	6

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE	5TH GROOVE	6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
89.00	1.50	032	2.00	126	4.75	872 732					5650	4
89.00	1.50	397	2.00	126	4.75	872 732					2M5650	4
89.00	1.50	032	2.00	126	4.75	872 732					6194	6
89.00	1.50	397	2.00	126	4.75	872 732					2M6194	6
89.00	1.75	327	2.00	126	3.50	056 732					2M4820	4
89.00	1.75	376	2.00	126	4.00	056 732					2C4214	4
89.00	1.75	362	2.00	126	4.00	056 732					2C4228	6
89.00	2.00	032	1.50	126	4.00	056 732					4452	4
89.00	2.00	362	1.50	126	4.00	056 732					2C4452	4
89.00	2.00	327	1.50	126	4.00	056 732					2M4452	4
89.00	2.00	389	2.00	135	3.00	203 881					2D7531	4
89.00	2.00	032	2.00	126	4.75	860 732					4705	4
89.00	2.00	362	2.00	126	4.75	860 732					2C4705	4
89.00	2.50	230	1.75	209	2.50	204 881					2M7423	1
89.00	2.50	244	2.00	229	3.00	204 881					2C7292	1
89.00	2.50	376	2.00	126	4.50	553 881					2D5674	4
89.00	3.00	228	1.75	218	2.50	204 881					2M7328	1
89.20	1.20	398	1.20	126	2.50	995 005					2C5863	6
89.31	1.50	032	1.50	126	4.00	058 732					4603	4
89.31	1.50	363	1.50	126	4.00	058 732					2C4603	4
89.31	2.00	032	2.00	126	4.75	860 732					5690	4
89.31	2.00	362	2.00	126	4.75	860 732					2C5690	4
89.31	2.00	327	2.00	126	4.75	860 732					2M5690	4
89.51	1.20	398	1.50	126	2.50	995 005					2C4963	6
89.61	1.60	337	1.50	406	2.50	995 732					2M4085	4
89.89	1.50	327	1.75	126	3.00	054 732					2M5070	2
89.89	2.00	205	2.00	234	2.00	248 881					2D7377	1
89.89	2.50	211	2.00	229	3.00	204 881					2D7368	1
89.99	1.00	398	1.00	123	2.00	991 005					2C4132	4
89.99	1.20	398	1.20	126	2.50	995 732					2C5278	4
89.99	1.20	398	1.20	126	2.80	861 732					2C4667	6
89.99	1.20	398	1.50	126	3.00	872 732					2C4898	4
89.99	1.20	397	1.50	126	3.00	872 732					2M4898	4
89.99	1.50	335	1.20	126	2.80	861 732					2M4940	6
89.99	1.50	335	1.50	126	2.50	995 732					2M4197	4

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE		5TH GROOVE		6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
89.99	1.50	363	1.50	126	4.00	056 732							2C4679	6
89.99	1.50	335	1.50	126	4.00	056 732							2M4679	6
89.99	1.60	362	2.00	126	4.00	056 732							2C4441	12
89.99	1.75	032	2.00	401	4.00	860 732							5562	4
89.99	1.75	362	2.00	401	4.00	860 732							2C5562	4
89.99	2.00	032	2.00	126	2.00	126	4.50	860 732					5486	4
89.99	2.00	362	2.00	126	2.00	126	4.50	553 881					2D5486	4
89.99	2.00	032	2.00	126	4.50	860 732							4171	4
89.99	2.00	362	2.00	401	5.00	871 732							2C6864	4
89.99	2.00	032	2.50	126	4.00	860 732	4.00	501					4229	6
89.99	2.00	362	2.50	126	4.00	860 732	4.00	501					2C4229	6
89.99	2.00	032	3.00	126	4.00	860 732							4276	4
89.99	2.00	032	3.00	126	4.00	860 732							9100	6
89.99	2.50	376	2.00	126	4.00	553 881							2D5643	4
90.20	1.20	398	1.50	126	3.00	872 732							2C5018	8
90.20	1.50	336	1.50	126	2.50	995 732							2M4755	8
90.20	1.50	032	1.50	126	3.00	872 732							4628	8
90.20	1.50	397	1.50	126	3.00	872 732							2M4628	8
90.20	1.50	032	1.50	126	3.00	872 732							4814	10
90.20	1.50	397	1.50	126	3.00	872 732							2M4814	10
90.30	1.75	362	1.75	126	4.00	860 732							2C4443	4
90.50	1.60	102	1.60	102	4.00	056 732							7001	1
90.50	1.75	362	1.75	126	4.75	860	4.75	732 501					2C6834	4
90.50	1.75	032	1.75	126	4.75	871 732							5928	4
90.50	1.75	362	1.75	126	4.75	871 732							2C5928	4
90.50	2.00	032	2.00	126	4.75	860 732							630	8
90.50	2.00	032	2.00	126	4.75	860 732							666	6
90.50	2.00	362	2.00	126	4.75	860 732							2C666	6
90.50	2.00	327	2.00	126	4.75	860 732							2M666	6
90.50	2.00	032	2.00	126	4.75	860 732							6962	1
90.50	2.00	363	2.00	126	4.00	553 881							2D4620	4
90.50	2.38	362	2.38	126	2.38	126	4.75	860 732					2C5257	6
90.50	2.38	032	2.38	126	2.38	126	4.75	860	4.75	732 501			6786	4
90.50	2.38	362	2.38	126	2.38	126	4.75	553	4.75	881 501			2D6786	4
90.50	2.38	362	2.38	126	2.38	126	4.75	501 825					2C7106	4

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE		5TH GROOVE		6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
90.50	2.38	362	2.38	126	2.38	126	4.75	501 825	4.75	501			2C7136	6
90.50	2.38	362	2.38	126	2.38	126	6.35	860 732					2C7547	4
90.50	2.38	032	2.38	126	4.75	860 732							136	6
90.50	2.38	362	2.38	126	4.75	860 732							2C136	6
90.50	2.38	362	2.38	126	4.75	860 732							2C5360	2
90.50	2.38	032	2.38	126	4.75	860 732	4.75	501					6338	6
90.50	2.38	362	2.38	126	6.35	860 732							2C7687	6
90.50	2.38	362	3.18	126	3.18	126	4.75	860 732					2C5047	6
90.50	2.38	032	3.18	126	4.75	860 732							135	6
90.50	2.38	362	3.18	126	4.75	860 732							2C135	6
90.50	2.38	362	3.18	126	4.75	860 732							2C5280	6
90.50	3.00	222	2.50	435	3.00	553 881							2D4513	4
90.50	3.18	362	3.18	126	3.18	126	4.75	860 732					2C468	6
90.50	3.18	362	3.18	126	3.18	126	4.75	501 825	4.75	501			2C7513	6
90.50	3.18	362	3.18	126	3.18	860 732	6.35	501					2C7742	2
90.81	1.60	032	2.00	126	4.00	860 732							4286	4
90.81	1.60	363	2.00	126	4.00	860 732							2C4286	4
90.81	2.00	032	2.50	126	4.00	860 732							599	4
90.81	2.00	362	2.50	126	4.00	860 732							2C599	4
90.91	1.50	326	1.75	406	3.00	203 881							2N7442	4
90.91	3.00	345	2.00	126	4.00	553 881							2M4724	4
90.91	3.00	345	2.00	126	4.00	553 881							2M4934	5
90.98	1.20	398	1.20	126	3.00	997 732							2C4561	8
90.98	1.50	335	1.50	126	3.00	872 732							2M5120	6
90.98	1.50	032	1.50	126	4.00	870 732							4480	4
90.98	1.50	362	1.50	126	4.00	870 732							2C4480	4
90.98	1.50	032	2.00	126	4.00	860 732							5691	6
90.98	1.50	362	2.00	126	4.00	860 732							2C5691	6
90.98	2.00	363	2.00	126	4.00	860 732							2C5659	1
90.98	3.00	032	2.00	126	4.00	553 881							5325	4
90.98	3.00	345	2.00	126	4.00	553 881							2M5325	4
90.98	3.00	362	2.00	126	4.00	553 881							2C5564	1
91.01	1.20	397	1.20	406	2.00	991 005							2M4577	6
91.01	2.50	211	2.00	209	3.00	204 881							2C7361	1
91.01	2.50	211	2.00	257	3.00	203 881							2D7522	4

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE		5TH GROOVE		6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
91.11	1.20	398	1.50	126	3.00	997 732							2C4670	6
91.11	1.50	032	1.50	126	4.00	870 732							4453	6
91.11	1.50	335	1.50	126	4.00	870 732							2M4453	6
91.11	1.50	032	1.50	126	4.00	056 732							5667	4
91.11	1.50	363	1.50	126	4.00	056 732							2C5667	4
91.11	2.00	336	2.00	126	3.00	553 881							2D5042	4
91.11	2.00	322	2.00	236	3.00	553 881							2D5309	4
91.11	2.00	032	2.00	126	4.00	870 732							5595	4
91.11	2.00	362	2.00	126	4.00	870 732							2C5595	4
91.11	2.00	327	2.00	126	4.00	870 732							2M5595	4
91.11	2.00	226	2.00	218	4.00	204 881							2C7454	1
91.11	2.50	370	2.00	370	4.00	204 881							2D5666	4
91.11	2.50	243	2.00	235	4.00	204 881							2M7338	1
91.11	2.50	231	2.00	236	4.00	204 881							2M7379	1
91.47	2.38	103	2.38	103	3.18	103	6.35	502	6.35	502			7140	1
91.49	1.50	362	1.50	126	2.80	997 732							2C4899	6
91.85	1.50	032	1.50	126	4.00	056 732							4722	6
91.85	1.50	363	1.50	126	4.00	056 732							2C4722	6
92.00	1.20	398	1.00	123	2.00	991 005							2C4358	4
92.00	1.20	398	1.20	126	2.00	991 005							2C5260	6
92.00	1.20	398	1.20	126	2.00	991 005							2C5877	6
92.00	1.20	398	1.20	126	2.50	995 732							2C5134	4
92.00	1.20	398	1.20	126	3.00	997 732							2C5183	6
92.00	1.20	398	1.50	401	2.00	991 005							2C5211	8
92.00	1.20	398	1.50	401	2.80	861 732							2C4881	6
92.00	1.20	398	1.50	126	3.00	054 005							2C4903	6
92.00	1.20	398	1.50	126	3.00	054 005							2C5027	4
92.00	1.20	398	1.50	401	4.00	056 732							2C5657	4
92.00	1.20	398	1.50	126	4.00	872 005							2C4893	6
92.00	1.20	397	1.50	126	4.00	872 005							2M4893	6
92.00	1.50	363	1.50	401	2.00	991 005							2C5296	8
92.00	1.50	335	1.50	126	2.00	991 005							2M5296	8
92.00	1.50	032	1.50	126	3.00	872 005							4284	8
92.00	1.50	327	1.50	126	3.00	872 005							2M4284	8
92.00	1.50	032	1.50	126	3.00	054 005							4468	4
92.00	1.50	335	1.50	126	3.00	054 005							2M4468	4

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE	5TH GROOVE	6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
92.00	1.50	032	1.50	401	4.00	870 732					4216	4
92.00	1.50	363	1.50	401	4.00	870 732					2C4216	4
92.00	1.50	335	1.50	401	4.00	870 732					2M4216	4
92.00	1.50	032	1.50	126	4.00	870 732					4649	6
92.00	1.50	335	1.50	126	4.00	870 732					2M4649	6
92.00	1.50	032	2.00	401	3.50	058 732					4736	6
92.00	1.50	362	2.00	401	3.50	058 732					2C4736	6
92.00	1.50	327	2.00	401	3.50	058 732					2M4736	6
92.00	1.50	032	2.00	401	4.00	056 732					4178	4
92.00	1.75	363	2.00	401	3.50	059 732					2C5760	8
92.00	1.75	032	2.00	401	4.00	056 732					5692	4
92.00	1.75	363	2.00	401	4.00	056 732					2C5692	4
92.00	1.75	032	2.50	126	4.00	860 732					5490	8
92.00	1.75	362	2.50	126	4.00	860 732					2C5490	8
92.00	2.00	032	2.00	126	4.75	860 732					6800	6
92.00	2.00	362	2.00	126	4.75	860 732					2C6800	6
92.00	2.00	276	1.50	264	3.00	203 881					2D7306	4
92.00	2.00	376	1.50	363	3.00	203 881					2D7359	4
92.00	2.00	370	2.00	126	4.00	204 881					2D4225	4
92.00	2.00	032	2.00	401	4.00	056 732					5364	4
92.00	2.00	362	2.00	401	4.00	056 732					2C5364	4
92.00	2.00	327	2.00	401	4.00	056 732					2M5364	4
92.00	2.00	232	2.00	218	4.00	204 881					2C7356	1
92.00	2.00	032	2.00	126	4.75	860 732					4625	6
92.00	2.00	362	2.00	126	4.75	860 732					2C4625	6
92.00	2.00	032	2.00	401	5.00	860 732					5084	6
92.00	2.00	362	2.00	401	5.00	860 732					2C5084	6
92.00	2.00	032	2.50	126	4.00	870 732					5645	4
92.00	2.00	362	2.50	126	4.00	870 732					2C5645	4
92.00	2.00	327	2.50	126	4.00	870 732					2M5645	4
92.00	2.50	225	2.00	210	4.00	204 881					2C7458	1
92.08	1.60	327	1.60	126	4.00	860 732					2M6958	1
92.08	1.60	327	1.60	126	4.75	860 732					2M5721	1
92.08	2.00	327	2.00	126	4.75	860 732					2M5722	1
92.08	2.00	032	2.00	126	4.75	860 732					633	8

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE		5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
92.08	2.00	362	2.00	126	4.75	860 732						2C633	8
92.08	2.00	327	2.00	126	4.75	860 732						2M633	8
92.08	2.00	032	2.00	126	4.75	860 732						653	6
92.08	2.00	362	2.00	126	4.75	860 732						2C653	6
92.08	2.00	327	2.00	126	4.75	860 732						2M653	6
92.08	2.38	362	2.38	126	2.38	126	4.75	501 825				2C7153	6
92.08	2.38	362	2.38	126	2.38	126	4.75	860 732				2C7581	4
92.08	2.38	032	2.38	126	2.38	126	4.75	860 732				7593	4
92.08	2.38	362	2.38	126	2.38	126	4.75	860 732				2C7593	4
92.08	2.38	032	2.38	126	2.38	126	4.75	860 732				7663	4
92.08	2.38	362	2.38	126	2.38	126	6.35	860 732				2C7677	4
92.08	2.38	032	2.38	126	4.75	501 825						6215	2
92.08	2.38	362	2.38	126	4.75	501 825						2C7155	4
92.08	2.38	362	2.38	126	4.75	860 732						2C7945	6
92.08	2.38	032	2.38	126	4.75	860 732						563	6
92.08	2.38	032	2.38	126	4.75	860 732						564	8
92.08	2.38	362	2.38	126	4.75	860 732						2C564	8
92.08	3.18	362	3.18	126	3.18	126	4.75	860 732				2C4008	6
92.08	3.18	362	3.18	126	3.18	126	4.75	860 732				2C7567	4
92.08	3.18	032	3.18	126	3.18	126	4.75	860 732				7659	4
92.08	3.18	362	3.18	126	3.18	126	4.75	860 732				2C7659	4
92.08	3.18	362	3.18	126	3.18	126	4.75	860 732				2C7745	4
92.08	3.18	126	3.18	126	4.75	860 732						5838	1
92.08	3.18	362	3.18	126	4.75	860 732						2C5838	1
92.20	1.20	397	1.20	126	2.50	995 732						2M4599	8
92.25	1.20	398	1.50	126	2.50	995 732						2C5114	6
92.25	1.20	398	1.50	126	3.00	997 732						2C4931	6
92.25	1.50	032	1.50	126	3.00	872 005						4937	6
92.25	1.50	327	1.50	126	3.00	872 005						2M4937	6
92.51	1.20	398	1.50	401	2.00	991 005						2C4147	8
92.51	1.20	398	1.50	126	2.50	995 732						2C5164	6
92.51	1.50	317	1.00	348	2.00	991 714						SN4176	6
92.61	1.50	032	1.50	126	4.00	870 732						4637	4
92.61	1.50	335	1.50	126	4.00	870 732						2M4637	4
92.89	1.50	336	1.75	126	2.50	985 732						2M5304	6

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE	5TH GROOVE	6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
92.99	1.20	398	1.20	126	2.50	995 732					2C4781	6
92.99	1.20	397	1.20	126	2.50	995 732					2M4781	6
92.99	1.20	398	1.20	126	2.50	995 732					2C5186	8
92.99	1.20	322	1.50	126	2.00	987 714					2N4077	8
92.99	1.20	398	1.50	126	2.50	995 732					2C5024	8
92.99	1.20	398	1.50	126	2.50	995 732					2C5139	5
92.99	1.20	397	1.50	126	2.50	995 732					2M5139	5
92.99	1.20	397	1.50	126	2.50	995 732					2M5165	8
92.99	1.20	397	1.50	126	2.50	995 732					2M5227	6
92.99	1.20	398	1.50	126	2.50	995 732					2C5137	4
92.99	1.20	398	1.50	126	3.00	872 732					2C4894	8
92.99	1.50	335	1.50	126	2.80	861 732					2M4892	8
92.99	1.50	032	1.50	126	3.00	872 732					4636	6
92.99	1.50	327	1.50	126	3.00	872 732					2M4636	6
92.99	1.50	032	1.50	126	3.00	872 732					4790	8
92.99	1.50	335	1.50	126	3.00	872 732					2M4790	8
92.99	1.50	032	1.50	126	3.00	997 732					4883	6
92.99	1.50	327	1.50	126	3.00	997 732					2M4883	6
92.99	1.50	335	1.50	126	3.00	872 732					2M5014	6
92.99	1.50	032	1.50	126	3.50	058 732					4746	6
92.99	1.50	327	1.50	126	3.50	058 732					2M4746	6
92.99	1.60	032	1.75	126	3.50	058 732					4450	6
92.99	1.60	363	1.75	126	3.50	058 732					2C4450	6
92.99	1.60	327	1.75	126	3.50	058 732					2M4450	6
92.99	1.75	363	1.75	126	3.50	056 732					2C4672	6
92.99	1.75	363	2.00	126	3.00	997 732					2C4997	4
92.99	2.00	326	1.50	236	2.00	203 881					2D7277	4
92.99	2.00	032	2.00	126	4.00	056 732					6119	4
92.99	2.00	362	2.00	126	4.00	056 732					2C6119	4
92.99	2.00	252	2.00	218	4.00	200 881					7384	1
92.99	2.00	217	2.00	218	4.00	204 881					2C7384	1
92.99	2.00	032	2.50	126	4.00	860 732					4205	6
92.99	2.00	362	2.50	126	4.00	860 732					2C4205	6
92.99	2.50	215	2.00	257	3.00	553 881					2D5308	4
92.99	2.50	335	2.00	126	4.00	553 881					2D9349	4

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE		5TH GROOVE	6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
92.99	3.00	376	2.00	401	4.00	200 881						2D9384	4
93.24	2.00	032	2.00	126	4.75	860 732						5477	8
93.24	2.00	362	2.00	126	4.75	860 732						2C5477	8
93.24	2.00	327	2.00	126	4.75	860 732						2M5477	8
93.40	1.20	398	1.20	126	2.00	934 732						2C4571	6
93.40	1.50	327	1.50	126	3.00	997 732						2M4945	6
93.40	1.50	327	1.50	126	4.00	870 732						2M4791	6
93.47	1.50	032	1.50	126	4.00	056 732						4409	6
93.47	1.50	363	1.50	126	4.00	056 732						2C4409	6
93.47	2.00	032	2.00	126	4.75	860 732						586	6
93.47	2.00	362	2.00	126	4.75	860 732						2C586	6
93.47	2.00	327	2.00	126	4.75	860 732						2M586	6
93.47	2.00	032	2.00	126	4.75	860 732						4711	6
93.47	2.00	363	2.00	126	4.75	860 732						2C4711	6
93.47	2.00	327	2.00	126	4.75	860 732						2M4711	6
93.47	2.00	032	2.00	126	4.75	860 732						5618	8
93.47	2.00	362	2.00	126	4.75	860 732						2C5618	8
93.47	2.00	327	2.00	126	4.75	860 732						2M5618	8
93.47	2.00	032	2.00	126	4.75	860 732						5688	4
93.47	2.00	363	2.00	126	4.75	860 732						2C5688	4
93.47	2.00	327	2.00	126	4.75	860 732						2M5688	4
93.50	1.50	032	1.50	126	4.00	052 732						4911	6
93.50	1.50	363	1.50	126	4.00	052 732						2C4911	6
93.68	2.00	032	2.00	126	4.75	860 732						681	8
93.68	2.00	032	2.00	126	4.75	860 732						6791	2
93.68	2.00	362	2.00	126	4.75	860 732						2C6791	2
93.68	2.38	363	2.38	102	2.38	126	4.75	860 732				2C7941	4
93.68	3.18	394	3.18	126	6.35	860 732						2C7114	2
93.75	1.75	032	2.50	126	4.00	860 732						5373	4
93.75	1.75	363	2.50	126	4.00	860 732						2C5373	4
94.01	1.00	398	1.20	126	1.50	981 005						2C4114	6
94.01	1.20	398	1.20	126	2.00	991 005						2C4511	6
94.01	1.20	398	1.20	126	2.00	991 005						2C4586	8
94.01	1.20	398	1.20	126	2.00	991 005						2C5151	6
94.01	1.20	398	1.20	126	3.00	997 732						2C4566	8

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE		5TH GROOVE	6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
94.01	1.20	398	1.50	126	2.50	995 732						2C5133	6
94.01	1.20	397	1.50	126	2.50	995 732						2M5133	6
94.01	1.20	398	1.50	126	3.00	872 005						2C4998	8
94.01	1.50	032	1.50	126	3.00	872 005						4478	6
94.01	1.50	327	1.50	126	3.00	872 005						2M4478	6
94.01	1.50	032	1.50	126	3.00	872 005						4930	8
94.01	1.50	327	1.50	126	3.00	872 005						2M4930	8
94.01	1.50	032	1.50	126	4.00	870 732						4612	6
94.01	1.50	363	1.50	126	4.00	870 732						2C4612	6
94.01	1.50	335	1.50	126	4.00	856 732						2M5017	8
94.01	1.50	032	2.00	126	4.00	856 732						4177	4
94.01	1.75	032	2.00	126	3.50	058 732						4634	4
94.01	1.75	362	2.00	126	3.50	058 732						2C4634	4
94.01	1.75	032	2.00	126	4.00	860 732						5594	4
94.01	1.75	362	2.00	126	4.00	860 732						2C5594	4
94.01	2.00	363	2.00	126	4.00	870 732						2C4688	6
94.01	2.00	362	2.00	126	4.00	860 732						2C5633	4
94.01	2.00	032	2.50	126	4.00	860 732						5462	6
94.01	2.00	362	2.50	126	4.00	860 732						2C5462	6
94.01	2.00	327	2.50	126	4.00	860 732						2M5462	6
94.01	3.00	225	2.00	210	4.00	204 881						2C7362	1
94.39	2.50	233	2.00	210	2.50	204 881						2M7450	1
94.39	3.00	225	2.00	210	2.50	204 881						2C7449	1
94.39	3.00	225	2.00	209	3.00	204 881						2C7353	1
94.46	2.00	032	2.00	126	4.75	860 732						450	8
94.46	2.00	362	2.00	126	4.75	860 732						2C450	8
94.46	2.00	327	2.00	126	4.75	860 732						2M450	8
94.46	2.00	362	2.38	126	4.75	860 732						2C583	6
94.46	2.38	363	2.38	126	2.38	126	4.75	860 732				2C5255	6
94.46	2.38	363	3.18	126	3.18	126	4.75	860 732				2C4400	6
94.49	2.00	336	2.00	126	3.00	553 881						2D5040	4
94.89	2.00	032	2.00	126	4.75	860 732						5499	8
94.89	2.00	362	2.00	126	4.75	860 732						2C5499	8
94.89	2.00	397	2.00	126	4.75	860 732						2M5499	8
94.89	2.00	032	2.00	126	4.75	860 732						5617	6

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE		5TH GROOVE	6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
94.89	2.00	362	2.00	126	4.75	860 732						2C5617	6
94.89	2.00	397	2.00	126	4.75	860 732						2M5617	6
94.89	2.00	032	2.00	126	4.75	872 732						4742	8
94.89	2.00	397	2.00	126	4.75	872 732						2M4742	8
95.00	1.20	398	1.20	126	2.00	991 005						2C5169	6
95.00	1.20	398	1.20	126	2.00	991 005						2C5261	4
95.00	1.50	362	1.50	126	4.00	870 732						2C4908	4
95.00	1.50	032	1.50	126	4.00	856 732						4999	4
95.00	1.50	335	1.50	126	4.00	856 732						2M4999	4
95.00	1.75	032	1.50	126	3.50	058 732						5161	4
95.00	1.75	362	1.50	126	3.50	058 732						2C5161	4
95.00	1.75	032	1.50	126	4.00	870 732						4687	4
95.00	1.75	363	1.50	126	4.00	870 732						2C4687	4
95.00	2.00	032	2.00	126	4.00	056 732						4246	4
95.00	2.00	362	2.00	126	4.00	056 732						2C4246	4
95.00	2.30	372	2.00	126	3.00	553 881						2D5807	4
95.00	2.30	378	2.00	129	3.50	553 881						2D5374	8
95.00	2.36	372	2.00	126	4.00	553 881						2C5056	4
95.00	2.38	363	2.38	126	4.75	553 881						2D4379	4
95.00	3.00	232	3.00	206	3.00	210	5.00	204 881				2C7437	1
95.25	1.50	337	1.50	126	2.50	872 732						2M4805	2
95.25	1.50	337	1.50	126	3.00	872 732						2M4942	2
95.25	2.00	032	2.00	126	4.75	860 732						6873	4
95.25	2.00	362	2.00	126	4.75	860 732						2C6873	4
95.25	2.00	032	2.00	126	4.75	872 732						5616	8
95.25	2.00	362	2.00	126	4.75	872 732						2C5616	8
95.25	2.00	327	2.00	126	4.75	872 732						2M5616	8
95.25	2.00	032	2.00	126	4.75	860 732						568	8
95.25	2.00	363	2.00	126	4.75	860 732						2C568	8
95.25	2.00	327	2.00	126	4.75	860 732						2M568	8
95.25	2.00	032	2.00	126	4.75	860 732						656	6
95.25	2.00	362	2.00	126	4.75	860 732						2C656	6
95.25	2.00	327	2.00	126	4.75	860 732						2M656	6
95.25	2.38	362	2.38	032	2.38	126	4.75	860 732				2C6664	4
95.25	2.38	363	2.38	126	2.38	126	4.75	860 732				2C7702	6

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE		5TH GROOVE		6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
95.25	2.38	363	2.38	126	2.38	126	6.35	860 732					2C7139	6
95.25	2.38	362	2.38	126	4.75	860 732							2C5311	1
95.25	2.38	362	2.38	126	4.75	860 732							2C5466	1
95.25	2.38	032	2.38	126	4.75	860 732							137	6
95.25	2.38	363	2.38	126	4.75	860 732							2C137	6
95.25	2.38	363	3.18	126	3.18	126	4.75	553 881	4.75	501			2D5966	6
95.25	2.38	363	3.18	126	4.75	860 732	4.75	501					2C6581	1
95.25	3.18	372	3.18	170	2.38	126	4.75	860 732					2C6910	6
95.25	3.18	362	3.18	126	3.18	126	4.75	860 732					2C7669	4
95.25	3.18	362	3.18	126	3.18	126	4.75	860 732					2C5028	6
95.25	3.18	362	3.18	126	3.18	126	6.35	860 732					2C7747	6
95.25	3.18	032	3.18	126	4.75	501							776	4
95.25	4.75	362	4.75	126	4.75	126	4.75	871 732					2C712	4
95.40	2.00	232	1.50	435	3.00	203 881							2D7225	4
95.40	2.50	110	2.00	435	3.00	203 881							2D7188	4
95.50	1.20	398	1.20	126	2.00	991 005							2C5293	6
95.50	1.20	398	1.20	126	2.50	995 732							2C5112	6
95.50	1.20	397	1.50	406	2.50	934 005							2M4183	6
95.50	1.20	398	1.50	126	2.50	995 732							2C5215	5
95.50	1.20	398	1.50	126	2.50	995 732							2C5236	4
95.50	1.75	362	2.00	126	3.50	058 732							2C5071	4
95.50	2.00	032	2.00	126	4.75	860 732							5586	6
95.50	2.00	362	2.00	126	4.75	860 732							2C5586	6
95.81	2.50	221	2.00	206	2.50	204 881							2D7347	1
95.99	1.20	398	1.50	126	3.00	872 732							2C4890	6
95.99	1.20	397	1.50	126	3.00	872 732							2M4890	6
95.99	1.50	032	1.50	126	3.00	872 732							4515	4
95.99	1.50	327	1.50	126	3.00	872 732							2M4515	4
95.99	1.50	032	1.50	126	3.00	872 732							4648	6
95.99	1.50	327	1.50	126	3.00	872 732							2M4648	6
95.99	1.50	322	1.50	126	3.00	987 714							2N4648	6
95.99	1.50	032	1.50	126	3.00	054 732							4912	4
95.99	1.50	362	1.50	126	3.00	054 732							2C4912	4
95.99	1.50	327	1.50	126	3.00	054 732							2M4912	4
95.99	1.50	397	1.50	126	3.00	872 732							2M4978	8

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
95.99	1.50	032	1.50	126	4.00	870 732					5761	4
95.99	1.50	362	1.50	126	4.00	870 732					2C5761	4
95.99	1.50	327	1.50	126	4.00	870 732					2M5761	4
95.99	1.75	032	1.75	126	3.50	059 732					4477	4
95.99	1.75	363	1.75	126	3.50	059 732					2C4477	4
95.99	1.75	032	2.00	126	4.00	860 732					5695	4
95.99	1.75	363	2.00	126	4.00	860 732					2C5695	4
95.99	2.00	370	1.50	126	3.00	248 881					2D4583	4
95.99	2.00	232	1.50	218	3.00	204 881					2C7330	1
95.99	2.00	370	2.00	126	4.00	553 881					2C4710	4
95.99	2.00	032	2.00	126	4.00	056 732					4938	6
95.99	2.00	327	2.00	126	4.00	056 732					2M4938	6
95.99	2.00	032	2.00	126	4.75	860 732					4203	4
95.99	2.00	362	2.00	126	4.75	860 732					2C4203	4
95.99	2.00	327	2.00	126	4.75	860 732					2M4203	4
95.99	2.00	336	2.00	126	4.75	860 732					2M5613	4
95.99	2.50	363	2.00	126	4.00	553 881					2D4939	6
95.99	2.50	363	2.00	126	4.00	553 881					2D4956	4
96.01	1.20	398	1.20	126	2.00	991 005					2C4550	6
96.01	1.20	397	1.50	126	2.50	934 005					2M5380	8
96.01	2.00	211	2.00	415	3.00	553 881					2D7310	4
96.01	2.50	385	2.00	135	2.00	203 881					2D7307	4
96.01	2.50	211	2.00	257	3.00	203 881					2D7309	4
96.04	2.00	362	2.00	126	4.75	860 732					2C682	8
96.49	1.20	397	1.50	126	2.00	934 935					2M4866	6
96.49	1.20	397	1.50	126	3.00	872 732					2M4764	6
96.49	1.50	032	1.50	126	3.00	872 732					4458	6
96.49	1.50	327	1.50	126	3.00	872 732					2M4458	6
96.49	1.75	363	2.00	126	3.50	058 732					2C4818	8
96.52	2.00	032	2.00	126	4.75	860 732					5474	6
96.52	2.00	362	2.00	126	4.75	860 732					2C5474	6
96.52	2.00	327	2.00	126	4.75	860 732					2M5474	6
96.52	2.00	032	2.00	126	4.75	872 732					5614	8
96.52	2.00	327	2.00	126	4.75	872 732					2M5614	8

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE		5TH GROOVE		6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
96.52	2.00	032	2.00	126	4.75	860 732							696	8
96.52	2.00	362	2.00	126	4.75	860 732							2C696	8
96.52	2.00	327	2.00	126	4.75	860 732							2M696	8
96.52	2.00	336	2.00	126	4.75	860 732							2M5612	6
96.52	2.00	032	2.38	126	4.75	860 732							571	8
96.52	2.00	362	2.38	126	4.75	860 732							2C571	8
96.52	2.00	327	2.38	126	4.75	860 732							2M571	8
96.80	1.50	032	1.50	126	3.00	872 732							4885	6
96.80	1.50	335	1.50	126	3.00	872 732							2M4885	6
96.80	1.50	322	1.50	126	3.00	987 714							2N4885	6
96.80	1.50	032	1.50	126	4.00	052 005							4262	6
96.80	1.50	327	1.50	126	4.00	052 005							2M4262	6
96.80	1.50	335	1.50	126	4.00	052 005							2M4717	6
96.80	2.00	032	2.00	126	4.00	860 732							5649	6
96.80	2.00	363	2.00	126	4.00	860 732							2C5649	6
96.80	2.00	327	2.00	126	4.00	860 732							2M5649	6
96.85	1.60	327	1.60	126	4.00	860 732							2M4950	1
96.85	1.60	327	1.60	126	4.75	860 732							2M4953	1
96.85	3.18	372	2.38	126	4.75	860 732							2C7134	4
96.85	3.18	362	2.38	126	6.35	860 732							2C7193	6
96.85	3.18	362	2.38	126	6.35	860 732							2C7220	4
96.85	3.18	032	3.18	126	3.18	126	4.75	860 732	4.75	501			4239	6
96.85	3.18	362	3.18	126	3.18	126	4.75	860 732	4.75	501			2C4239	6
96.85	3.18	032	3.18	126	3.18	126	4.75	860 732					5064	6
96.85	3.18	362	3.18	126	3.18	126	4.75	860 732					2C5064	6
96.90	1.20	398	1.20	126	2.50	995 732							2C5167	4
96.90	1.50	032	1.50	126	3.00	997 732							4777	6
96.90	1.50	363	1.50	126	3.00	997 732							2C4777	6
97.00	1.20	322	1.50	406	2.00	991 005							2N4078	1
97.00	1.20	398	1.50	126	3.00	054 732							2C4707	4
97.00	1.50	336	1.50	126	3.50	058 716							2M4789	6
97.00	2.50	361	2.50	126	4.00	553 881							2C7264	2
97.00	3.00	361	3.00	032	3.00	401	5.50	553 881					2D4512	2
97.00	3.00	361	3.00	032	3.00	401	5.50	553	5.50	881 501			2C5480	2
97.00	3.00	227	3.00	035	3.00	414	5.50	553	5.50	501			2D5480	2
97.10	2.00	232	2.00	209	3.00	204 881							2C7401	1

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE		5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
97.10	2.50	211	2.00	209	3.00	204 881						2D7492	1
97.99	1.50	032	1.50	126	2.50	995 732						5188	8
97.99	1.50	327	1.50	126	2.50	995 732						2M5188	8
98.20	2.50	208	2.00	129	2.50	203 881						2D5287	8
98.20	2.50	208	2.00	129	3.00	553 881						2D5741	8
98.30	2.00	032	2.00	126	4.75	860 732						698	8
98.30	2.00	362	2.00	126	4.75	860 732						2C698	8
98.30	2.00	397	2.00	126	4.75	860 732						2M698	8
98.43	1.50	337	1.50	126	2.50	872 005						2M4941	2
98.43	1.50	032	1.50	126	4.00	056 732						4815	6
98.43	1.50	327	1.50	126	4.00	056 732						2M4815	6
98.43	1.50	032	1.50	126	4.00	056 732						4925	4
98.43	1.50	327	1.50	126	4.00	056 732						2M4925	4
98.43	1.60	327	1.60	126	4.75	860 732						2M4985	2
98.43	1.60	032	1.60	126	4.75	860 732						670	6
98.43	1.60	327	1.60	126	4.75	860 732						2M670	6
98.43	2.00	032	2.00	126	2.00	126	4.75	860 732				6607	8
98.43	2.00	363	2.00	126	2.00	126	4.75	860 732				2C6607	8
98.43	2.00	032	2.00	126	4.75	860 732						660	8
98.43	2.00	363	2.00	126	4.75	860 732						2C660	8
98.43	2.00	327	2.00	126	4.75	860 732						2M660	8
98.43	2.00	032	2.00	126	4.75	860 732						665	4
98.43	2.00	362	2.00	126	4.75	860 732						2C665	4
98.43	2.00	327	2.00	126	4.75	860 732						2M665	4
98.43	2.00	032	2.00	126	4.75	860 732						667	6
98.43	2.00	362	2.00	126	4.75	860 732						2C667	6
98.43	2.00	327	2.00	126	4.75	860 732						2M667	6
98.43	2.00	032	2.38	126	4.75	860 732						591	8
98.43	2.00	363	2.38	126	4.75	860 732						2C591	8
98.43	2.00	327	2.38	126	4.75	860 732						2M591	8
98.43	2.00	363	2.38	126	6.35	860 732						2C589	8
98.43	2.00	032	2.00	126	4.75	860 732						9549	2
98.43	2.38	032	2.00	126	2.00	126	4.75	860 732				6685	8
98.43	2.38	363	2.00	126	2.00	126	4.75	860 732				2C6685	8
98.43	2.38	363	2.38	126	2.38	126	4.75	501 825				2C7118	2

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE		5TH GROOVE		6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
98.43	2.38	363	2.38	126	2.38	126	4.75	860 732					2C7703	6
98.43	2.38	363	2.38	126	2.38	126	6.35	860 732					2C7647	4
98.43	2.38	363	2.38	126	4.75	860 732							2C4840	6
98.43	2.38	032	2.38	126	4.75	860 732							6302	8
98.43	2.38	362	2.38	126	4.75	860 732							2C6302	8
98.43	2.38	345	2.38	126	4.75	860 732							2M6302	8
98.43	2.38	032	2.38	126	4.75	860 732							6353	4
98.43	2.38	362	2.38	126	4.75	860 732							2C6353	4
98.43	2.38	363	2.38	126	4.75	860 732							2C7158	2
98.43	2.38	363	2.38	126	4.75	860 732							2C7179	6
98.43	2.38	032	2.38	126	4.75	860 732							668	6
98.43	2.38	362	2.38	126	4.75	860 732							2C668	6
98.43	2.38	327	2.38	126	4.75	860 732							2M668	6
98.43	2.38	362	3.18	126	4.75	860 732							2C6660	6
98.43	3.18	372	2.38	126	4.75	860 732							2C5319	4
98.43	3.18	032	3.18	126	3.18	126	4.75	860 732	4.75	501			4064	6
98.43	3.18	362	3.18	126	3.18	126	4.75	860 732	4.75	501			2C4064	6
98.43	3.18	372	3.18	126	3.18	126	4.75	565 881					2C5559	4
98.43	3.18	372	3.18	126	3.18	126	4.75	565 881					2C7197	6
98.43	3.18	032	3.18	126	4.00	056 732							120	4
98.48	2.38	362	2.38	126	2.38	126	4.75	565 881					2C7125	4
98.48	2.38	362	2.38	126	2.38	126	4.75	565 881					2C7174	6
98.48	2.38	362	2.38	126	2.38	126	6.35	501 825	6.35	501			2C7201	4
98.48	2.38	362	2.38	126	2.38	126	6.35	871 732					2C7243	4
98.50	2.30	208	1.50	257	3.00	203 881							2D7802	4
98.98	1.20	398	1.50	126	2.50	995 732							2C5270	6
98.98	1.50	397	1.50	126	3.00	872 732							2M4897	8
99.01	3.00	208	2.00	409	2.50	203 881							2D5853	8
99.06	2.00	363	2.00	352	2.00	126	4.75	860 732					2C5647	8
99.06	2.38	363	2.38	126	2.38	126	4.75	501 825	4.75	501			2C7999	4
99.06	2.38	363	2.38	126	4.75	860 732							2C7673	4
99.31	2.00	032	2.00	126	4.75	860 732							148	8
99.31	2.00	362	2.00	126	4.75	860 732							2C148	8
99.31	2.00	397	2.00	126	4.75	860 732							2M148	8
99.31	2.00	032	2.00	126	4.75	860 732							5560	6

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE		5TH GROOVE	6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
99.31	2.00	362	2.00	126	4.75	860 732						2C5560	6
99.31	2.00	327	2.00	126	4.75	860 732						2M5560	6
99.31	2.00	032	2.00	126	4.00	872 732						4735	8
99.31	2.00	363	2.00	126	4.00	872 732						2C4735	8
99.31	2.00	397	2.00	126	4.00	872 732						2M4735	8
99.31	2.00	032	2.00	126	4.00	872 732						4760	6
99.31	2.00	363	2.00	126	4.00	872 732						2C4760	6
99.31	2.00	397	2.00	126	4.00	872 732						2M4760	6
99.49	1.20	397	1.20	126	2.00	989 732						2M5141	8
99.49	1.20	398	1.20	126	2.00	989 732						2C5219	4
99.49	1.20	398	1.20	126	2.50	995 732						2C5140	4
99.49	1.20	398	1.50	126	2.80	861 732						2C4957	4
99.49	1.50	032	1.50	126	3.00	997 732						5097	8
99.49	1.50	397	1.50	126	3.00	997 732						2M5097	8
99.49	2.00	032	1.50	126	4.00	056 732						4532	6
99.49	2.00	335	1.50	126	4.00	056 732						2M4532	6
99.49	2.00	370	1.50	126	4.00	553 881						2C5054	4
99.59	1.20	397	1.50	126	2.50	995 732						2M5285	6
100.00	1.75	032	2.00	126	4.00	052 732						4776	6
100.00	1.75	363	2.00	126	4.00	052 732						2C4776	6
100.00	2.50	362	2.50	126	4.00	553 881						2C7258	1
100.00	3.00	335	2.00	126	4.50	860 732						2M4267	6
100.03	2.00	032	2.00	126	4.75	860 732						636	8
100.03	2.38	032	2.00	126	2.00	126	4.75	860 732				671	8
100.03	2.38	363	2.00	126	2.00	126	4.75	860 732				2C671	8
100.03	2.38	327	2.00	126	2.00	126	4.75	860 732				2M671	8
100.03	2.38	032	2.00	126	2.00	126	4.75	872 732				4719	8
100.03	2.38	363	2.00	126	2.00	126	4.75	872 732				2C4719	8
100.03	2.38	327	2.00	126	2.00	126	4.75	872 732				2M4719	8
100.03	2.38	032	2.00	126	4.75	872 732						5049	8
100.03	2.38	363	2.00	126	4.75	872 732						2C5049	8
100.03	2.38	327	2.00	126	4.75	872 732						2M5049	8
100.41	1.20	398	1.50	126	3.00	054 732						2C5187	6
100.41	1.60	032	1.75	126	3.50	874 732						4627	6
100.41	1.60	335	1.75	126	3.50	874 732						2M4627	6

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE	5TH GROOVE	6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
100.71	2.00	032	2.00	126	4.75	860 732					5619	6
100.71	2.00	363	2.00	126	4.75	860 732					2C5619	6
100.71	2.00	327	2.00	126	4.75	860 732					2M5619	6
101.04	3.00	372	2.00	130	4.00	553 881					2D4975	8
101.04	3.00	372	2.00	126	4.00	553 881					2D5655	8
101.60	1.20	397	1.20	406	2.50	872 732					2M5299	2
101.60	1.20	397	1.50	126	2.50	995 732					2M5170	8
101.60	1.50	327	1.50	126	2.50	872 732					2M5080	1
101.60	1.50	397	1.50	126	3.00	872 732					2M4816	10
101.60	1.50	032	1.50	126	3.00	872 732					4860	8
101.60	1.50	397	1.50	126	3.00	872 732					2M4860	8
101.60	1.50	032	1.50	126	3.00	872 732					4862	6
101.60	1.50	397	1.50	126	3.00	872 732					2M4862	6
101.60	1.50	032	1.50	126	4.00	635 732					4346	8
101.60	1.50	327	1.50	126	4.00	635 732					2M4346	8
101.60	1.50	032	1.50	126	4.00	635 732					4726	8
101.60	1.50	397	1.50	126	4.00	635 732					2M4726	8
101.60	1.50	397	1.50	126	4.00	872 732					2M4785	10
101.60	1.60	032	2.00	126	4.75	860 732					4366	4
101.60	1.60	362	2.00	126	4.75	860 732					2C4366	4
101.60	1.60	327	2.00	126	4.75	860 732					2M4366	4
101.60	1.60	032	2.00	126	4.75	872 732					5663	4
101.60	1.60	362	2.00	126	4.75	872 732					2C5663	4
101.60	1.60	327	2.00	126	4.75	872 732					2M5663	4
101.60	2.00	336	2.00	126	2.78	553 881					2D5693	8
101.60	2.00	336	2.00	130	2.78	553 881					2D5697	8
101.60	2.00	032	2.00	126	4.75	860 732					139	8
101.60	2.00	362	2.00	126	4.75	860 732					2C139	8
101.60	2.00	397	2.00	126	4.75	860 732					2M139	8
101.60	2.00	032	2.00	126	4.75	860 732					592	6
101.60	2.00	362	2.00	126	4.75	860 732					2C592	6
101.60	2.00	397	2.00	126	4.75	860 732					2M592	6
101.60	2.00	032	2.00	126	4.75	872 732					5615	8
101.60	2.00	362	2.00	126	4.75	872 732					2C5615	8
101.60	2.00	397	2.00	126	4.75	872 732					2M5615	8

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE		5TH GROOVE		6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
101.60	2.00	032	2.00	126	4.75	872 732							5630	4
101.60	2.00	362	2.00	126	4.75	872 732							2C5630	4
101.60	2.00	397	2.00	126	4.75	872 732							2M5630	4
101.60	2.00	362	2.00	126	4.75	860 732							2C4389	4
101.60	2.00	032	2.00	126	4.75	860 732							5570	4
101.60	2.00	362	2.00	126	4.75	860 732							2C5570	4
101.60	2.00	397	2.00	126	4.75	860 732							2M5570	4
101.60	2.00	032	2.38	126	4.75	860 732							577	8
101.60	2.00	362	2.38	126	4.75	860 732							2C577	8
101.60	2.00	397	2.38	126	4.75	860 732							2M577	8
101.60	2.00	032	2.38	126	4.75	860 732							650	8
101.60	2.00	362	2.38	126	4.75	860 732							2C5689	4
101.60	2.00	032	1.50	126	4.00	872 732							4626	8
101.60	2.00	397	1.50	126	4.00	872 732							2M4626	8
101.60	2.00	032	1.50	126	4.00	872 732							4720	6
101.60	2.00	397	1.50	126	4.00	872 732							2M4720	6
101.60	2.00	032	2.00	126	4.00	872 732							4879	6
101.60	2.00	397	2.00	126	4.00	872 732							2M4879	6
101.60	2.00	032	2.00	126	4.75	872 732							4721	6
101.60	2.00	397	2.00	126	4.75	872 732							2M4721	6
101.60	2.00	032	2.00	126	4.75	871 732							5712	6
101.60	2.00	362	2.00	126	4.75	871 732							2C5712	6
101.60	2.00	397	2.00	126	4.75	871 732							2M5712	6
101.60	2.38	363	2.38	126	2.38	126	4.75	860 732					2C5209	6
101.60	2.38	363	2.38	126	2.38	126	4.75	860 732					2C7175	4
101.60	2.38	362	2.38	126	2.38	126	6.35	860 732	6.35	501			2C7113	2
101.60	2.38	362	2.38	126	2.38	126	6.35	860 732					2C7654	2
101.60	2.38	362	2.38	126	2.38	126	6.35	860 732					2C7656	6
101.60	2.38	363	2.38	126	2.38	126	6.35	860 732					2C7795	4
101.60	2.38	362	2.38	126	2.38	126	6.35	860 732	6.35	501			2C7796	4
101.60	2.38	363	2.38	126	3.18	126	6.35	860 732					2C7997	4
101.60	2.38	363	3.18	126	3.18	126	6.35	860 732					2C5156	6
101.60	2.38	362	3.18	126	3.18	126	6.35	860 732					2C7666	4
101.60	2.38	363	3.18	126	4.75	860 732	4.75	501					2C4231	6
101.60	2.38	362	3.18	126	4.75	860 732							2C5213	6

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE		5TH GROOVE	6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
101.60	2.38	362	3.18	126	4.75	860 732	4.75	501				2C6288	1
101.60	3.18	372	2.38	126	4.75	860 732						2C5622	1
101.60	3.18	362	3.18	126	3.18	126	4.75	860 732				2C702	4
101.60	3.18	363	3.18	126	3.18	126	4.75	860 732				2C4007	6
101.60	3.18	032	3.18	126	3.18	126	4.75	501				5678	1
101.60	4.00	362	4.00	102	3.18	401	6.35	860 732				2C7771	2
102.01	1.50	336	1.50	406	2.50	985 732						2M4520	8
102.01	2.40	205	2.35	135	4.00	553 881						2D7518	1
102.01	2.94	379	2.50	035	2.50	414	5.00	553				2D5646	1
102.01	2.94	379	3.00	225	2.50	035	5.00	553				2D5635	1
102.01	3.00	208	2.35	135	4.00	553 881						2D4914	6
102.01	3.00	208	2.35	135	4.00	553 881						2C4936	4
102.01	3.00	208	2.39	129	4.00	553 881						2D7276	6
102.01	3.00	250	2.50	035	4.00	553						2D7098	
102.01	3.00	220	2.50	223	4.00	553 881						2D7436	1
102.01	3.00	208	3.00	170	4.00	553 881						2D7484	1
102.01	3.50	378	2.50	277	4.00	553						2D7052	1
102.62	2.00	032	2.00	126	4.75	860 732						694	8
102.62	2.00	362	2.00	126	4.75	860 732						2C694	8
102.62	2.00	397	2.00	126	4.75	860 732						2M694	8
102.87	2.00	032	2.00	126	2.00	126	4.75	860 732				6601	8
102.87	2.00	345	2.00	126	2.00	126	4.75	860 732				2M6601	8
102.87	2.00	032	2.00	126	4.75	860 732						594	8
102.87	2.00	362	2.00	126	4.75	860 732						2C594	8
102.87	2.00	327	2.00	126	4.75	860 732						2M594	8
102.87	2.00	032	2.38	126	4.75	860 732						574	8
102.87	2.00	362	2.38	126	4.75	860 732						2C574	8
102.87	2.00	345	2.38	126	4.75	860 732						2M574	8
102.87	2.00	362	2.38	126	6.35	860 732						2C590	8
102.87	2.00	345	2.38	126	6.35	860 732						2M590	8
102.87	2.38	032	2.00	126	2.00	126	4.75	860 732				6686	8
102.87	2.38	363	2.00	126	2.00	126	4.75	860 732				2C6686	8
102.87	2.38	327	2.00	126	2.00	126	4.75	860 732				2M6686	8
102.87	2.38	032	2.00	126	4.75	860 732						5485	8
102.87	2.38	363	2.00	126	4.75	860 732						2C5485	8
102.87	2.38	327	2.00	126	4.75	860 732						2M5485	8
103.00	1.50	397	1.50	126	3.00	054 732						2M4907	8
103.00	1.50	397	1.50	406	3.00	054 732						2M5378	10

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE		5TH GROOVE		6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
103.00	3.00	259	2.00	257	3.00	203 881							2D4845	8
103.00	3.00	378	2.00	130	4.00	553 881							2D4744	8
103.07	2.00	032	2.00	126	4.75	860 732							697	8
103.07	2.00	363	2.00	126	4.75	860 732							2C697	8
103.07	2.00	327	2.00	126	4.75	860 732							2M697	8
103.12	1.50	337	1.50	126	2.50	872 732							2M5153	1
103.20	2.00	032	2.00	126	4.75	860 732							639	8
103.20	2.00	362	2.00	126	4.75	860 732							2C639	8
103.20	2.00	327	2.00	126	4.75	860 732							2M639	8
103.20	2.00	032	2.00	126	4.75	860 732							640	4
103.25	1.20	397	1.20	406	2.50	985 732							2N5295	8
103.25	1.20	397	1.50	406	2.50	985 732							2M5381	8
103.25	1.50	397	1.20	406	2.00	991 005							2M5275	8
103.25	1.50	336	1.50	406	2.50	985 732							2M5292	8
103.63	2.00	032	2.00	126	4.75	860 732							693	8
103.63	2.00	362	2.00	126	4.75	860 732							2C693	8
103.63	2.00	327	2.00	126	4.75	860 732							2M693	8
103.68	2.00	032	2.00	126	4.75	860 732							5568	8
103.68	2.00	362	2.00	126	4.75	860 732							2C5568	8
103.68	2.00	345	2.00	126	4.75	860 732							2M5568	8
103.91	1.20	397	1.20	406	2.00	991 732							2M4161	8
103.91	1.50	397	1.20	406	2.00	991 732							2M5433	8
103.99	1.20	397	1.20	406	2.00	934 935							2M5379	8
103.99	2.00	032	2.00	126	4.75	860 732							641	8
103.99	2.00	327	2.00	126	4.75	860 732							2M641	8
104.17	2.50	363	2.50	035	2.50	035	6.00	200	6.00	501			2D7095	1
104.39	3.00	336	2.00	130	3.50	553 881							2M4741	8
104.39	3.00	260	2.00	129	3.50	553 881							2D4882	8
104.39	3.16	224	2.52	227	3.50	553 881							2M4873	8
104.65	2.00	032	2.00	126	4.75	860 732							644	8
104.65	2.00	363	2.00	126	4.75	860 732							2C644	8
104.65	2.00	345	2.00	126	4.75	860 732							2M644	8
104.78	1.50	336	1.50	126	3.00	621 005							2M5157	2
104.78	2.00	032	2.00	126	4.75	860 732							661	8
104.78	2.00	362	2.00	126	4.75	860 732							2C661	8
104.78	2.00	327	2.00	126	4.75	860 732							2M661	8

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE		5TH GROOVE	6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
104.78	2.00	032	2.38	126	4.75	860 732						651	8
104.78	2.38	363	2.38	126	2.38	126	4.75	860 732				2C579	8
104.78	2.38	362	2.38	126	2.38	126	6.35	860 732				2C7124	6
104.78	2.38	363	2.38	126	2.38	126	6.35	860 732				2C7580	4
104.78	2.38	363	2.38	126	3.18	126	6.35	860 732				2C7794	4
104.78	2.38	363	2.38	126	4.75	860 732						2C6094	8
104.78	2.38	327	2.38	126	4.75	860 732						2M6094	8
104.78	2.38	363	3.18	126	3.18	126	4.75	860 732				2C7553	4
104.78	2.40	362	2.35	126	4.75	860 732						2C6593	4
104.78	3.18	372	3.18	170	3.18	170	4.75	565 881				2C6016	6
104.80	1.20	397	1.20	406	2.00	991 005						2M5129	8
104.90	1.60	032	1.60	126	4.75	860 732						657	8
104.90	2.00	032	2.00	126	4.75	860 732						595	8
104.90	2.00	327	2.00	126	4.75	860 732						2M595	8
105.44	2.00	032	1.60	126	4.75	860 732						643	8
105.44	2.00	345	1.60	126	4.75	860 732						2M643	8
105.79	1.60	336	1.60	126	4.75	622 732						2M5542	8
105.79	2.00	032	2.00	126	4.75	860 732						672	8
105.79	2.00	362	2.00	126	4.75	860 732						2C672	8
105.79	2.00	327	2.00	126	4.75	860 732						2M672	8
105.99	3.50	378	2.50	277	4.00	553						2D7054	1
106.38	2.00	032	2.00	126	4.75	860 732						437	8
106.38	2.00	327	2.00	126	4.75	860 732						2M437	8
106.68	2.38	362	2.38	362	2.38	126	4.75	565 881				2C7182	1
106.68	2.38	362	2.38	126	4.75	860 732						2C7181	3
107.01	2.87	224	2.50	126	3.46	553 881						2M5872	6
107.01	3.50	378	2.50	130	3.50	553						2D7099	1
107.16	2.38	362	2.38	362	2.38	126	4.75	553 881				2D7246	2
107.95	1.50	336	1.50	126	3.00	872 005						2M5206	2
107.95	2.00	032	2.00	126	2.00	126	4.75	872 732				4929	8
107.95	2.00	363	2.00	126	2.00	126	4.75	872 732				2C4929	8
107.95	2.00	397	2.00	126	2.00	126	4.75	872 732				2M4929	8
107.95	2.00	032	2.00	126	4.75	860 732						683	8
107.95	2.00	363	2.00	126	4.75	860 732						2C683	8
107.95	2.00	397	2.00	126	4.75	860 732						2M683	8

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE		5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
107.95	2.00	032	2.00	126	4.75	872 732						4718	8
107.95	2.00	363	2.00	126	4.75	872 732						2C4718	8
107.95	2.00	397	2.00	126	4.75	872 732						2M4718	8
107.95	2.00	032	2.00	126	4.00	872 732						5085	8
107.95	2.00	363	2.00	126	4.00	872 732						2C5085	8
107.95	2.00	397	2.00	126	4.00	872 732						2M5085	8
107.95	2.38	032	2.00	126	2.00	126	4.75	860 732				6606	8
107.95	2.38	362	2.00	126	2.00	126	4.75	860 732				2C6606	8
107.95	2.38	345	2.00	126	2.00	126	4.75	860 732				2M6606	8
107.95	2.38	363	2.38	126	2.38	126	4.75	860 732				2C4877	6
107.95	2.38	032	2.38	126	2.38	126	4.75	860 732				6308	6
107.95	2.38	363	2.38	126	2.38	126	4.75	860 732				2C6308	6
107.95	2.38	363	2.38	126	2.38	126	6.35	860 732				2C7122	4
107.95	2.38	363	2.38	126	2.38	126	6.35	860 732				2C7675	2
107.95	2.38	363	2.38	126	4.75	860 732						2C6395	6
107.95	2.38	363	2.38	126	4.75	860 732						2C7236	2
109.22	2.00	032	2.00	126	4.75	860 732						695	8
109.22	2.00	327	2.00	126	4.75	860 732						2M695	8
109.22	2.00	032	2.38	126	4.75	860 732						576	8
109.55	2.00	032	2.00	126	4.75	860 732						645	8
109.55	2.00	362	2.00	126	4.75	860 732						2C645	8
109.55	2.00	327	2.00	126	4.75	860 732						2M645	8
109.73	2.00	032	2.00	126	4.75	860 732						692	8
109.73	2.00	362	2.00	126	4.75	860 732						2C692	8
109.73	2.00	345	2.00	126	4.75	860 732						2M692	8
110.01	3.50	208	3.00	277	4.00	560 881						2D5306	6
110.29	2.00	032	2.00	126	4.75	860 732						676	8
110.29	2.00	362	2.00	126	4.75	860 732						2C676	8
110.29	2.00	327	2.00	126	4.75	860 732						2M676	8
110.52	2.00	032	2.00	126	4.75	860 732						4454	8
110.52	2.00	362	2.00	126	4.75	860 732						2C4454	8
110.52	2.00	345	2.00	126	4.75	860 732						2M4454	8
110.69	2.00	032	2.00	126	4.00	871 732						4740	8
110.69	2.00	363	2.00	126	4.00	871 732						2C4740	8
110.69	2.00	345	2.00	126	4.00	871 732						2M4740	8

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE		5TH GROOVE		6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL
110.74	2.00	032	2.00	126	4.75	860 732							598	8
110.74	2.00	363	2.00	126	4.75	860 732							2C598	8
110.74	2.00	345	2.00	126	4.75	860 732							2M598	8
110.74	2.00	032	2.00	126	4.75	860 732							6138	4
110.74	2.00	362	2.00	126	4.75	860 732							2C6138	4
110.74	2.00	345	2.00	126	4.75	860 732							2M6138	4
110.74	2.38	032	2.00	126	4.75	860 732							5621	8
110.74	2.38	363	2.00	126	4.75	860 732							2C5621	8
110.74	2.38	327	2.00	126	4.75	860 732							2M5621	8
111.13	2.38	362	2.38	126	4.75	860 732							2C6286	6
111.25	2.00	345	2.38	126	4.75	860 732							2M596	8
111.76	2.38	362	2.38	362	2.38	126	4.75	565 881					2C7180	3
111.76	2.38	362	2.38	362	2.38	126	4.75	565 881					2C7210	4
111.76	2.38	362	2.38	126	4.75	565 881							2C7183	3
111.76	3.18	372	2.38	126	2.38	126	4.75	565 881					2C4728	4
111.76	3.18	372	2.38	126	2.38	126	4.75	565 881					2C7012	6
111.76	3.18	372	2.38	126	4.75	565 881							2C7014	6
111.76	3.18	372	2.38	126	4.75	565 881							2C7021	2
112.73	2.38	363	3.18	126	3.18	126	4.75	501	4.75	565 881			2C7143	1
113.46	1.50	336	1.50	126	4.00	872 732							2M4699	8
113.46	2.00	336	1.50	126	4.00	872 732							2M4727	8
114.30	2.38	032	2.38	126	2.38	126	4.75	860 732					578	8
114.30	2.38	363	2.38	126	2.38	126	4.75	860 732					2C578	8
114.30	2.38	032	2.38	126	4.75	860 732							6309	8
114.30	2.38	363	2.38	126	4.75	860 732							2C6309	8
114.30	2.38	215	2.38	135	4.75	553 881							2D7524	1
114.30	3.18	372	2.38	126	4.75	565 881							2C4305	8
114.30	3.18	220	2.78	553 881									2D7473	1
114.30	3.18	224	3.18	170	2.78	553 881							2D7493	1
114.30	3.18	363	3.18	126	3.18	126	4.75	860 732					2C4056	6
114.30	3.18	363	3.18	126	3.18	126	4.75	501					2C5683	1
114.30	3.18	032	3.18	126	3.18	126	6.35	860 732	4.75	501			4283	6
114.30	3.18	363	3.18	126	3.18	126	6.35	860 732	4.75	501			2C4283	6
114.30	3.18	362	3.18	126	3.18	126	6.35	501 825	4.75	501			2C7778	4
114.30	4.75	362	4.75	102	4.75	401	4.75	860 732					2C4157	4
114.30	4.75	362	4.75	102	4.75	102	4.75	501 825					2C7733	2

CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE		5TH GROOVE		6TH GROOOVE		7TH GROOVE		PART NUMBER	NO OF CYL
114.99	3.00	370	2.50	401	4.00	553 881									2C7456	4
114.99	3.50	361	3.00	401	5.50	565 881									2C5603	6
119.08	4.75	362	4.75	102	4.75	102	4.75	401	4.75	501 825					2C4965	2
122.00	3.50	372	3.00	102	3.00	102	5.50	565 881							2C5557	6
127.00	3.50	378	2.39	135	3.50	553									2D7087	1
127.00	4.75	102	4.75	435	4.75	501 825									6081	1
127.99	3.00	213	3.00	349	4.00	553									2D7096	1
130.18	4.00	381	4.00	180	4.00	180	6.35	579 881							2C6500	6
135.13	2.38	102	2.38	102	2.38	401	4.75	860 732							7173	6
139.70	3.18	362	3.18	102	3.18	102	6.35	501 825	3.18	102	6.35	501			2C7940	2
139.70	4.75	362	4.75	102	4.75	401	4.75	401	4.75	501 825					2C7731	2
139.70	6.35	362	6.35	102	6.35	102	6.35	710 732 825	6.35	501					2C722	2
142.88	3.18	363	3.18	102	3.18	102	6.35	501 825	6.35	501					2C5343	1
146.05	3.18	362	3.18	102	3.18	102	3.18	102	3.18	102	6.35	710 732 825	6.35	501	2C7784	2
146.05	4.75	102	4.75	435	4.75	501 825									6082	1
149.23	3.18	362	3.18	102	3.18	102	3.18	102	6.35	501 825					2C7642	2
152.40	3.18	362	3.18	102	3.18	102	6.35	401	3.18	501	6.35	501			2C7998	2
155.58	3.18	362	3.18	102	3.18	102	3.18	102	6.35	501 825	6.35	501			2C7674	2
155.58	4.00	381	3.18	102	3.18	102	3.18	102	6.35	501 825	6.35	501			2C7690	2
158.75	3.18	363	2.38	349	6.35	565 881									2C7195	2

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
120	98.43	3.18 **032**	3.18 **126**	4.00 **056 732**					4	Ford
133	88.90	3.18 **032**	3.18 **126**	4.75 **860 732**					6	GM
2C133	88.90	3.18 **362**	3.18 **126**	4.75 **860 732**					6	
135	90.50	2.38 **032**	3.18 **126**	4.75 **860 732**					6	GM
2C135	90.50	2.38 **362**	3.18 **126**	4.75 **860 732**					6	
136	90.50	2.38 **032**	2.38 **126**	4.75 **860 732**					6	Ford, GM
2C136	90.50	2.38 **362**	2.38 **126**	4.75 **860 732**					6	
137	95.25	2.38 **032**	2.38 **126**	4.75 **860 732**					6	GM, Waukesha
2C137	95.25	2.38 **363**	2.38 **126**	4.75 **860 732**					6	
139	101.60	2.00 **032**	2.00 **126**	4.75 **860 732**					8	American Motors, Checker, Chrysler, Dodge, Ford, GM, Jeep,
2C139	101.60	2.00 **362**	2.00 **126**	4.75 **860 732**					8	Massey Ferguson, Packard, Studebaker
2M139	101.60	2.00 **397**	2.00 **126**	4.75 **860 732**					8	
142	79.38	3.18 **032**	3.18 **126**	4.00 **860 732**	4.00 **501**				6	Chrysler
143	79.38	2.38 **032**	3.18 **126**	4.00 **860 732**	4.00 **501**				6	Chrysler
144	82.55	2.38 **032**	2.38 **126**	4.00 **860 732**	4.00 **501**				6	Chrysler, Continental, Dodge, Massey Ferguson, Oliver
2C144	82.55	2.38 **362**	2.38 **126**	4.00 **860 732**	4.00 **501**				6	
148	99.31	2.00 **032**	2.00 **126**	4.75 **860 732**					8	Case, Chrysler, Dodge
2C148	99.31	2.00 **362**	2.00 **126**	4.75 **860 732**					8	
2M148	99.31	2.00 **397**	2.00 **126**	4.75 **860 732**					8	
268	63.50	3.18 **126**	3.18 **126**	3.18 **126**	3.18 **126**	3.18 **126**			2	Bendix
429	87.33	2.38 **032**	2.38 **126**	4.75 **860 732**	4.75 **501**				8	GM
437	106.38	2.00 **032**	2.00 **126**	4.75 **860 732**					8	Chrysler, GM
2M437	106.38	2.00 **327**	2.00 **126**	4.75 **860 732**					8	
2C438	85.73	2.38 **362**	2.38 **102**	4.00 **860 732**	4.00 **501**				6	Massey Ferguson
441	82.55	3.18 **032**	3.18 **126**	4.00 **860 732**	4.00 **501**				6	Chrysler, Dodge
443	82.55	2.38 **032**	3.18 **126**	4.00 **860 732**	4.00 **501**				6	Chrysler
445	87.33	2.38 **032**	2.38 **126**	4.00 **860 732**	4.00 **501**				6	Chrysler, Massey Ferguson
2C445	87.33	2.38 **362**	2.38 **126**	4.00 **860 732**	4.00 **501**				6	
446	82.55	2.38 **032**	2.38 **126**	4.00 **860 732**	4.00 **501**				8	Chrysler
450	94.46	2.00 **032**	2.00 **126**	4.75 **860 732**					8	Chrysler, GM
2C450	94.46	2.00 **362**	2.00 **126**	4.75 **860 732**					8	
2M450	94.46	2.00 **327**	2.00 **126**	4.75 **860 732**					8	
458	88.90	2.38 **032**	2.38 **126**	4.75 **860 732**					8	Packard
2C468	90.50	3.18 **362**	3.18 **126**	3.18 **126**	4.75 **860 732**				6	Allis Chalmers, Buda, GM
473	84.15	2.38 **032**	2.38 **126**	4.75 **860 732**					6	Studebaker
474	85.73	2.00 **032**	2.00 **126**	4.75 **860 732**					8	Studebaker
2C523	80.98	2.38 **362**	2.38 **126**	4.00 **860 732**	4.00 **501**				4	Ford
529	80.98	2.38 **032**	2.38 **126**	4.00 **860 732**	4.00 **501**				8	Ford
533	80.98	2.38 **032**	2.38 **126**	4.75 **860**	4.75 **501**				8	Ford

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2C533	80.98	2.38 **362**	2.38 **126**	4.75 **732** **860** **732**	4.75 **501**				8	
2C534	88.90	2.38 **362**	2.38 **126**	4.75 **860** **732**					6	Ford
2C535	80.98	2.38 **362**	2.38 **126**	4.75 **860** **732**					4	Ford
2C549	80.98	2.38 **362**	2.38 **126**	4.75 **860** **732**	4.75 **501**				4	Ford
562	88.90	2.38 **032**	2.38 **126**	4.75 **860** **732**					8	Ford
2C562	88.90	2.38 **362**	2.38 **126**	4.75 **860** **732**					8	
563	92.08	2.38 **032**	2.38 **126**	4.75 **860** **732**					6	Ford, Mazda, Oliver
564	92.08	2.38 **032**	2.38 **126**	4.75 **860** **732**					8	Ford, International
2C564	92.08	2.38 **362**	2.38 **126**	4.75 **860** **732**					8	
568	95.25	2.00 **032**	2.00 **126**	4.75 **860** **732**					8	American Motors, Chrysler, Ford, GM, Jeep
2C568	95.25	2.00 **363**	2.00 **126**	4.75 **860** **732**					8	
2M568	95.25	2.00 **327**	2.00 **126**	4.75 **860** **732**					8	
571	96.52	2.00 **032**	2.38 **126**	4.75 **860** **732**					8	Ford
2C571	96.52	2.00 **362**	2.38 **126**	4.75 **860** **732**					8	
2M571	96.52	2.00 **327**	2.38 **126**	4.75 **860** **732**					8	
574	102.87	2.00 **032**	2.38 **126**	4.75 **860** **732**					8	Ford
2C574	102.87	2.00 **362**	2.38 **126**	4.75 **860** **732**					8	
2M574	102.87	2.00 **345**	2.38 **126**	4.75 **860** **732**					8	
576	109.22	2.00 **032**	2.38 **126**	4.75 **860** **732**					8	Ford
577	101.60	2.00 **032**	2.38 **126**	4.75 **860** **732**					8	Ford, GM
2C577	101.60	2.00 **362**	2.38 **126**	4.75 **860** **732**					8	
2M577	101.60	2.00 **397**	2.38 **126**	4.75 **860** **732**					8	
578	114.30	2.38 **032**	2.38 **126**	2.38 **126**	4.75 **860** **732**				8	Ford, International
2C578	114.30	2.38 **363**	2.38 **126**	2.38 **126**	4.75 **860** **732**				8	
2C579	104.78	2.38 **363**	2.38 **126**	2.38 **126**	4.75 **860** **732**				8	International
582	88.90	2.00 **032**	2.00 **126**	4.75 **860** **732**					6	Ford, GM
2C582	88.90	2.00 **362**	2.00 **126**	4.75 **860** **732**					6	
2M582	88.90	2.00 **327**	2.00 **126**	4.75 **860** **732**					6	

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2C583	94.46	2.00 **362**	2.38 **126**	4.75 **860** **732**					6	Ford
586	93.47	2.00 **032**	2.00 **126**	4.75 **860** **732**					6	Ford
2C586	93.47	2.00 **362**	2.00 **126**	4.75 **860** **732**					6	
2M586	93.47	2.00 **327**	2.00 **126**	4.75 **860** **732**					6	
2C589	98.43	2.00 **363**	2.38 **126**	6.35 **860** **732**					8	Ford
2C590	102.87	2.00 **362**	2.38 **126**	6.35 **860** **732**					8	Ford
2M590	102.87	2.00 **345**	2.38 **126**	6.35 **860** **732**					8	
591	98.43	2.00 **032**	2.38 **126**	4.75 **860** **732**					8	Ford
2C591	98.43	2.00 **363**	2.38 **126**	4.75 **860** **732**					8	
2M591	98.43	2.00 **327**	2.38 **126**	4.75 **860** **732**					8	
592	101.60	2.00 **032**	2.00 **126**	4.75 **860** **732**					6	Ford
2C592	101.60	2.00 **362**	2.00 **126**	4.75 **860** **732**					6	
2M592	101.60	2.00 **397**	2.00 **126**	4.75 **860** **732**					6	
594	102.87	2.00 **032**	2.00 **126**	4.75 **860** **732**					8	Ford
2C594	102.87	2.00 **362**	2.00 **126**	4.75 **860** **732**					8	
2M594	102.87	2.00 **327**	2.00 **126**	4.75 **860** **732**					8	
595	104.90	2.00 **032**	2.00 **126**	4.75 **860** **732**					8	Ford
2M595	104.90	2.00 **327**	2.00 **126**	4.75 **860** **732**					8	
2M596	111.25	2.00 **345**	2.38 **126**	4.75 **860** **732**					8	Ford
598	110.74	2.00 **032**	2.00 **126**	4.75 **860** **732**					8	Ford
2C598	110.74	2.00 **363**	2.00 **126**	4.75 **860** **732**					8	
2M598	110.74	2.00 **345**	2.00 **126**	4.75 **860** **732**					8	
599	90.81	2.00 **032**	2.50 **126**	4.00 **860** **732**					4	Ford, Ford British
2C599	90.81	2.00 **362**	2.50 **126**	4.00 **860** **732**					4	
611	88.90	2.38 **032**	2.38 **126**	4.75 **860** **732**	4.75 **501**				6	GM
618	87.33	2.38 **032**	2.38 **126**	4.75 **860** **732**					6	GM
619	82.55	2.38 **032**	2.38 **126**	4.75 **860** **732**					8	GM
627	87.33	2.00 **032**	2.00 **126**	4.75 **860** **732**					8	Chrysler
630	90.50	2.00 **032**	2.00 **126**	4.75 **860** **732**					8	Chrysler, Dodge, Packard, Studebaker
633	92.08	2.00 **032**	2.00 **126**	4.75 **860** **732**					8	Chrysler, Dodge, GM
2C633	92.08	2.00 **362**	2.00 **126**	4.75 **860** **732**					8	
2M633	92.08	2.00 **327**	2.00 **126**	4.75 **860** **732**					8	
636	100.03	2.00 **032**	2.00 **126**	4.75 **860** **732**					8	Chrysler, Dodge, Ford, GM

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
639	103.20	2.00 **032**	2.00 **126**	4.75 **860 732**					8	GM
2C639	103.20	2.00 **362**	2.00 **126**	4.75 **860 732**					8	
2M639	103.20	2.00 **327**	2.00 **126**	4.75 **860 732**					8	
640	103.20	2.00 **032**	2.00 **126**	4.75 **860 732**					4	GM
2N5295	103.25	1.20 **397**	1.20 **406**	2.50 **985 732**					8	
641	103.99	2.00 **032**	2.00 **126**	4.75 **860 732**					8	GM
2M641	103.99	2.00 **327**	2.00 **126**	4.75 **860 732**					8	
643	105.44	2.00 **032**	1.60 **126**	4.75 **860 732**					8	GM
2M643	105.44	2.00 **345**	1.60 **126**	4.75 **860 732**					8	
644	104.65	2.00 **032**	2.00 **126**	4.75 **860 732**					8	GM
2C644	104.65	2.00 **363**	2.00 **126**	4.75 **860 732**					8	
2M644	104.65	2.00 **345**	2.00 **126**	4.75 **860 732**					8	
645	109.55	2.00 **032**	2.00 **126**	4.75 **860 732**					8	GM
2C645	109.55	2.00 **362**	2.00 **126**	4.75 **860 732**					8	
2M645	109.55	2.00 **327**	2.00 **126**	4.75 **860 732**					8	
650	101.60	2.00 **032**	2.38 **126**	4.75 **860 732**					8	GM
651	104.78	2.00 **032**	2.38 **126**	4.75 **860 732**					8	GM
652	88.90	2.00 **032**	2.00 **126**	4.75 **860 732**					8	American Motors, Checker, Ford, GM, Rover
2C652	88.90	2.00 **363**	2.00 **126**	4.75 **860 732**					8	
2M652	88.90	2.00 **327**	2.00 **126**	4.75 **860 732**					8	
653	92.08	2.00 **032**	2.00 **126**	4.75 **860 732**					6	GM
2C653	92.08	2.00 **362**	2.00 **126**	4.75 **860 732**					6	
2M653	92.08	2.00 **327**	2.00 **126**	4.75 **860 732**					6	
656	95.25	2.00 **032**	2.00 **126**	4.75 **860 732**					6	American Motors, GM, International, Jeep
2C656	95.25	2.00 **362**	2.00 **126**	4.75 **860 732**					6	
2M656	95.25	2.00 **327**	2.00 **126**	4.75 **860 732**					6	
657	104.90	1.60 **032**	1.60 **126**	4.75 **860 732**					8	GM
660	98.43	2.00 **032**	2.00 **126**	4.75 **860 732**					8	Checker, Chrysler, Dodge, GM, Studebaker
2C660	98.43	2.00 **363**	2.00 **126**	4.75 **860 732**					8	
2M660	98.43	2.00 **327**	2.00 **126**	4.75 **860 732**					8	
661	104.78	2.00 **032**	2.00 **126**	4.75 **860 732**					8	Chrysler, GM, Packard
2C661	104.78	2.00 **362**	2.00 **126**	4.75 **860 732**					8	
2M661	104.78	2.00 **327**	2.00 **126**	4.75 **860 732**					8	

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
662	85.73	2.00 **032**	2.00 **126**	4.75 **860** **732**					6	GM
2C662	85.73	2.00 **362**	2.00 **126**	4.75 **860** **732**					6	
663	87.33	2.00 **032**	2.00 **126**	4.75 **860** **732**					6	Chrysler, Dodge, GM
2C663	87.33	2.00 **362**	2.00 **126**	4.75 **860** **732**					6	
665	98.43	2.00 **032**	2.00 **126**	4.75 **860** **732**					4	American Motors, GM, Jeep
2C665	98.43	2.00 **362**	2.00 **126**	4.75 **860** **732**					4	
2M665	98.43	2.00 **327**	2.00 **126**	4.75 **860** **732**					4	
666	90.50	2.00 **032**	2.00 **126**	4.75 **860** **732**					6	GM, Studebaker
2C666	90.50	2.00 **362**	2.00 **126**	4.75 **860** **732**					6	
2M666	90.50	2.00 **327**	2.00 **126**	4.75 **860** **732**					6	
667	98.43	2.00 **032**	2.00 **126**	4.75 **860** **732**					6	American Motors, Checker, GM, Jeep, Studebaker
2C667	98.43	2.00 **362**	2.00 **126**	4.75 **860** **732**					6	
2M667	98.43	2.00 **327**	2.00 **126**	4.75 **860** **732**					6	
668	98.43	2.38 **032**	2.38 **126**	4.75 **860** **732**					6	GM, Massey Ferguson, Oliver
2C668	98.43	2.38 **362**	2.38 **126**	4.75 **860** **732**					6	
2M668	98.43	2.38 **327**	2.38 **126**	4.75 **860** **732**					6	
669	87.33	1.60 **032**	1.60 **126**	3.18 **860** **732**					6	GM
2C669	87.33	1.60 **362**	1.60 **126**	3.18 **860** **732**					6	
2M669	87.33	1.60 **327**	1.60 **126**	3.18 **860** **732**					6	
670	98.43	1.60 **032**	1.60 **126**	4.75 **860** **732**					6	GM
2M670	98.43	1.60 **327**	1.60 **126**	4.75 **860** **732**					6	
671	100.03	2.38 **032**	2.00 **126**	2.00 **126**	4.75 **860** **732**				8	GM
2C671	100.03	2.38 **363**	2.00 **126**	2.00 **126**	4.75 **860** **732**				8	
2M671	100.03	2.38 **327**	2.00 **126**	2.00 **126**	4.75 **860** **732**				8	
672	105.79	2.00 **032**	2.00 **126**	4.75 **860** **732**					8	American Motors, Jeep, Palmer
2C672	105.79	2.00 **362**	2.00 **126**	4.75 **860** **732**					8	
2M672	105.79	2.00 **327**	2.00 **126**	4.75 **860** **732**					8	
674	86.13	2.00 **032**	2.00 **126**	4.00 **860** **732**					4	Chrysler
2C674	86.13	2.00 **362**	2.00 **126**	4.00 **860** **732**					4	
675	76.89	2.00 **032**	2.00 **126**	4.00 **056** **732**					4	Chrysler, Dodge, Hyundai, Mitsubishi
2C675	76.89	2.00 **362**	2.00 **126**	4.00 **056** **732**					4	

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
676	110.29	2.00 **032**	2.00 **126**	4.75 **860 732**					8	Chrysler, Dodge
2C676	110.29	2.00 **362**	2.00 **126**	4.75 **860 732**					8	
2M676	110.29	2.00 **327**	2.00 **126**	4.75 **860 732**					8	
677	80.98	1.60 **032**	2.00 **126**	4.00 **056 732**					4	Ford, Ford British
2C677	80.98	1.60 **363**	2.00 **126**	4.00 **056 732**					4	
2M677	80.98	1.60 **327**	2.00 **126**	4.00 **056 732**					4	
680	79.38	2.38 **032**	2.38 **126**	4.75 **871 732**					6	American Motors
2C680	79.38	2.38 **362**	2.38 **126**	4.75 **871 732**					6	
681	93.68	2.00 **032**	2.00 **126**	4.75 **860 732**					8	Chrysler
2C682	96.04	2.00 **362**	2.00 **126**	4.75 **860 732**					8	Chrysler, GM
683	107.95	2.00 **032**	2.00 **126**	4.75 **860 732**					8	Chrysler, Dodge, GM
2C683	107.95	2.00 **363**	2.00 **126**	4.75 **860 732**					8	
2M683	107.95	2.00 **397**	2.00 **126**	4.75 **860 732**					8	
687	86.36	2.00 **032**	2.00 **126**	4.75 **860 732**					6	Case, Chrysler, Dodge, Massey Ferguson
2C687	86.36	2.00 **362**	2.00 **126**	4.75 **860 732**					6	
2M687	86.36	2.00 **327**	2.00 **126**	4.75 **860 732**					6	
690	79.38	2.00 **032**	2.00 **126**	4.75 **871 732**					6	American Motors, Ford British
692	109.73	2.00 **032**	2.00 **126**	4.75 **860 732**					8	Chrysler, Dodge
2C692	109.73	2.00 **362**	2.00 **126**	4.75 **860 732**					8	
2M692	109.73	2.00 **345**	2.00 **126**	4.75 **860 732**					8	
693	103.63	2.00 **032**	2.00 **126**	4.75 **860 732**					8	American Motors, Jeep
2C693	103.63	2.00 **362**	2.00 **126**	4.75 **860 732**					8	
2M693	103.63	2.00 **327**	2.00 **126**	4.75 **860 732**					8	
694	102.62	2.00 **032**	2.00 **126**	4.75 **860 732**					8	Chrysler, GM
2C694	102.62	2.00 **362**	2.00 **126**	4.75 **860 732**					8	
2M694	102.62	2.00 **397**	2.00 **126**	4.75 **860 732**					8	
695	109.22	2.00 **032**	2.00 **126**	4.75 **860 732**					8	GM
2M695	109.22	2.00 **327**	2.00 **126**	4.75 **860 732**					8	
696	96.52	2.00 **032**	2.00 **126**	4.75 **860 732**					8	Ford, GM, Jeep
2C696	96.52	2.00 **362**	2.00 **126**	4.75 **860 732**					8	
2M696	96.52	2.00 **327**	2.00 **126**	4.75 **860 732**					8	

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
697	103.07	2.00 **032**	2.00 **126**	4.75 **860 732**					8	GM
2C697	103.07	2.00 **363**	2.00 **126**	4.75 **860 732**					8	
2M697	103.07	2.00 **327**	2.00 **126**	4.75 **860 732**					8	
698	98.30	2.00 **032**	2.00 **126**	4.75 **860 732**					8	GM
2C698	98.30	2.00 **362**	2.00 **126**	4.75 **860 732**					8	
2M698	98.30	2.00 **397**	2.00 **126**	4.75 **860 732**					8	
2C702	101.60	3.18 **362**	3.18 **126**	3.18 **126**	4.75 **860 732**				4	Allis Chalmers, Hercules, Kermath, Massey Ferguson
2C710	76.20	3.18 **362**	3.18 **102**	3.18 **102**	3.18 **126**	4.75 **501**	4.75 **825**		4	International
2C712	95.25	4.75 **362**	4.75 **126**	4.75 **126**	4.75 **871 732**				4	Hercules
2C722	139.70	6.35 **362**	6.35 **102**	6.35 **102**	6.35 **710 732 825**	6.35 **501**			2	John Deere
2C726	85.73	3.18 **362**	4.00 **102**	4.00 **401**	6.35 **860 732**				4	International
727	76.20	3.18 **032**	3.18 **126**	3.18 **126**	6.35 **860 732**				4	Case, Continental, International, Massey Ferguson
2C727	76.20	3.18 **362**	3.18 **126**	3.18 **126**	6.35 **860 732**				4	
776	95.25	3.18 **032**	3.18 **126**	4.75 **501**					4	Ford
2C825	80.98	2.38 **362**	2.38 **126**	4.00 **860 732**					4	Ford
828	79.38	2.38 **032**	2.38 **126**	4.75 **871 732**					4	Jeep
2C828	79.38	2.38 **362**	2.38 **126**	4.75 **871 732**					4	
834	84.94	2.00 **032**	2.00 **126**	4.75 **860 732**					6	Jeep
2C834	84.94	2.00 **362**	2.00 **126**	4.75 **860 732**					6	
2C4007	101.60	3.18 **363**	3.18 **126**	3.18 **126**	4.75 **860 732**				6	Hercules, Kermath, Oliver, Waukesha
2C4008	92.08	3.18 **362**	3.18 **126**	3.18 **126**	4.75 **860 732**				6	GM, Hercules, International, Volvo
2C4047	70.99	1.00 **398**	1.20 **126**	2.00 **993 005**					4	Suzuki
4048	88.90	2.38 **032**	3.18 **126**	4.75 **860 732**					8	Packard
2N4055	83.01	1.20 **322**	1.75 **406**	2.00 **987 714**					4	Mercedes Benz
2C4056	114.30	3.18 **363**	3.18 **126**	3.18 **126**	4.75 **860 732**				6	GM, Waukesha
2N4057	70.99	1.00 **322**	1.00 **123**	2.00 **248 881**					3	Citroen, Peugeot
2N4059	87.99	1.50 **322**	1.75 **406**	2.50 **987 714**					6	Mercedes Benz
4064	98.43	3.18 **032**	3.18 **126**	3.18 **126**	4.75 **860 732**	4.75 **501**			6	Buda
2C4064	98.43	3.18 **362**	3.18 **126**	3.18 **126**	4.75 **860 732**	4.75 **501**			6	
2C4068	70.99	1.00 **398**	1.20 **406**	2.00 **987 714**					4	Hyundai, Kia
2N4069	75.01	1.00 **322**	1.00 **406**	2.00 **248 881**					3	Citroen, Opel, Peugeot, Vauxhall
2N4071	78.99	1.20 **322**	1.50 **406**	2.00 **987 714**					4	Ford European

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
4072	82.55	3.18 **032**	3.18 **126**	3.18 **126**	4.75 **860 732**				6	Hercules, Massey Ferguson
2C4072	82.55	3.18 **362**	3.18 **126**	3.18 **126**	4.75 **860 732**				6	
2N4077	92.99	1.20 **322**	1.50 **126**	2.00 **987 714**					8	Porsche
2N4078	97.00	1.20 **322**	1.50 **406**	2.00 **991 005**					1	Mercedes Benz
2N4079	72.01	1.00 **322**	1.20 **406**	2.00 **987 714**					3	Smart
2M4085	89.61	1.60 **337**	1.50 **406**	2.50 **995 732**					4	Ford European
2C4086	70.99	1.00 **398**	1.20 **406**	2.00 **987 714**					3	Hyundai, Kia
2C4087	76.00	1.20 **398**	1.20 **126**	2.50 **995 732**					4	Nissan
2C4088	70.00	1.00 **398**	1.20 **610**	1.50 **981 005**					3	Fiat
2C4089	70.99	1.20 **398**	1.20 **126**	2.00 **990 732**					4	Mazda, Mitsubishi, Nissan
2C4090	70.99	1.00 **398**	1.20 **610**	2.00 **993 005**					3	Renault
2C4091	78.00	1.20 **398**	1.20 **126**	2.00 **990 732**					3	Nissan
2N4096	73.00	1.20 **322**	1.20 **126**	2.00 **990 732**					4	Nissan
2N4097	81.00	1.20 **322**	1.50 **406**	2.00 **203 881**					6	Audi
2N4104	72.01	1.00 **326**	1.20 **406**	2.00 **248 881**					4	Alfa Romeo, Fiat
2C4106	84.99	1.20 **398**	1.50 **126**	2.50 **995 732**					4	Citroen, Peugeot
2M4106	84.99	1.20 **220**	1.50 **406**	2.50 **995 732**					4	
2C4107	72.49	1.20 **398**	1.00 **126**	2.00 **990 732**					4	Toyota
2C4108	81.99	1.20 **398**	1.50 **126**	2.00 **993 005**					6	BMW
2N4108	81.99	1.20 **322**	1.50 **406**	2.00 **987 714**					1	
2C4113	80.49	1.00 **398**	1.00 **123**	1.50 **981 005**					4	GM, Lexus, Toyota
2C4114	94.01	1.00 **398**	1.20 **126**	1.50 **981 005**					6	GM
2C4115	77.90	1.20 **398**	1.20 **126**	2.00 **993 005**					4	GM
2C4118	78.00	1.20 **398**	1.20 **126**	2.50 **533 732**					4	Kia
2C4122	87.00	1.20 **398**	1.00 **123**	2.00 **993 005**					4	Acura, Honda
4123	80.98	2.38 **032**	2.38 **126**	6.35 **860 732**					4	International
2C4123	80.98	2.38 **362**	2.38 **126**	6.35 **860 732**					4	
2N4126	70.99	1.20 **322**	1.20 **236**	2.00 **987 714**					4	Audi, Seat, Skoda, Volkswagen
2C4128	72.01	1.50 **376**	1.50 **406**	2.50 **199 881**					4	Peugeot
2N4129	81.99	1.20 **322**	1.50 **126**	2.50 **987 714**					4	Mercedes Benz
2C4132	89.99	1.00 **398**	1.00 **123**	2.00 **991 005**					4	Toyota
2C4134	78.69	1.20 **398**	1.50 **126**	3.00 **996 732**					4	Toyota
2N4138	80.01	1.20 **322**	1.75 **275**	3.00 **996 732**					4	Mercedes Benz

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2N4141	72.49	1.20 **322**	1.20 **406**	2.00 **987 714**					4	Opel, Vauxhall
2D4143	84.99	2.00 **272**	2.00 **123**	2.00 **248 881**					4	Citroen, Fiat, Peugeot
2N4144	82.50	1.20 **322**	1.50 **406**	2.00 **248 881**					1	Audi, Seat, Skoda, Volkswagen
2C4146	75.49	1.50 **376**	1.50 **126**	3.00 **054 732**					4	Skoda
2C4147	92.51	1.20 **398**	1.50 **401**	2.00 **991 005**					8	Jaguar, Rover
2C5164	92.51	1.20 **398**	1.50 **126**	2.50 **995 732**					6	
2C4148	65.00	1.50 **215**	1.50 **123**	3.00 **553 881**					4	Fiat
2N4149	72.01	1.00 **322**	1.00 **123**	2.00 **987 714**					3	Smart
2C4150	87.50	1.20 **398**	1.50 **126**	2.00 **993 005**					4	Ford, Jaguar, Land Rover, Volvo
2C4157	114.30	4.75 **362**	4.75 **102**	4.75 **401**	4.75 **860 732**				4	Hercules, Oliver, Waukesha
2C4158	73.61	1.50 **362**	1.50 **401**	2.80 **996 732**					4	Nissan
2C4159	73.99	1.00 **398**	1.00 **123**	2.00 **990 732**					4	Mazda
2M4161	103.91	1.20 **397**	1.20 **406**	2.00 **991 732**					8	Chrysler
2C4162	73.41	1.20 **398**	1.20 **126**	2.00 **993 005**					4	Opel
SN4169	71.91	1.00 **317**	1.20 **126**	2.00 **990 732**					3	Ford, Ford European
2C4170	78.00	1.20 **398**	1.50 **126**	2.50 **533 732**					6	Suzuki
4171	89.99	2.00 **032**	2.00 **126**	4.50 **860 732**					4	GM
SN4172	83.01	1.20 **317**	1.20 **406**	2.00 **990 714**					6	Ford
SN4173	83.01	1.20 **317**	1.00 **416**	2.00 **990 714**					6	Ford
2C4174	87.50	1.20 **398**	1.50 **126**	2.50 **995 732**					4	GM
2C4175	76.50	1.50 **362**	1.50 **126**	2.00 **993 005**					4	GM
SN4176	92.51	1.50 **317**	1.00 **348**	2.00 **991 714**					6	Ford
4177	94.01	1.50 **032**	2.00 **126**	4.00 **856 732**					4	Volkswagen
4178	92.00	1.50 **032**	2.00 **401**	4.00 **056 732**					4	Volkswagen
2C4179	86.00	1.20 **398**	1.50 **126**	2.00 **993 005**					4	GM
2C4181	76.99	1.20 **398**	1.50 **401**	2.00 **993 005**					4	BMW
4182	76.20	3.18 **032**	3.18 **126**	3.18 **126**	6.35 **860 732**				6	Continental
2M4183	95.50	1.20 **397**	1.50 **406**	2.50 **934 005**					6	Ford
2C4184	73.99	1.20 **398**	1.20 **126**	2.50 **995 732**					3	Suzuki
2C4186	78.00	1.20 **398**	1.20 **126**	2.50 **995 732**					4	Suzuki
2N4187	83.21	1.50 **326**	1.75 **406**	3.00 **987 714**					6	Mercedes Benz
2N4189	86.00	1.20 **322**	1.50 **406**	2.50 **987 714**					4	GM, Opel
2C4192	85.29	1.50 **376**	1.75 **406**	3.00 **553 881**					4	Mercedes Benz

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2M4197	89.99	1.50 **335**	1.50 **126**	2.50 **995 732**					4	Saab
2C4199	78.99	1.20 **398**	1.20 **126**	2.00 **934 005**					4	GM
4203	95.99	2.00 **032**	2.00 **126**	4.75 **860 732**					4	Ford
2C4203	95.99	2.00 **362**	2.00 **126**	4.75 **860 732**					4	
2M4203	95.99	2.00 **327**	2.00 **126**	4.75 **860 732**					4	
2C4204	89.00	1.20 **398**	1.50 **126**	2.00 **991 005**					6	Audi, Volkswagen
4205	92.99	2.00 **032**	2.50 **126**	4.00 **860 732**					6	Ford
2C4205	92.99	2.00 **362**	2.50 **126**	4.00 **860 732**					6	
2M4206	87.50	1.50 **335**	1.50 **126**	4.00 **056 732**					4	Chrysler
2M4207	87.00	1.50 **335**	1.50 **102**	4.00 **058 732**					4	Isuzu, Toyota
2C4208	73.99	1.20 **398**	1.50 **435**	2.80 **859 732**					3	GM
2N4208	73.99	1.20 **322**	1.50 **126**	2.80 **859 732**					3	
2D4210	86.00	2.00 **336**	2.00 **435**	4.00 **553 881**					4	Ford, Mazda
2C4214	89.00	1.75 **376**	2.00 **126**	4.00 **056 732**					4	BMW
4215	82.55	2.38 **032**	2.38 **126**	2.38 **126**	4.75 **860 732**				4	International, Massey Ferguson, Waukesha, Wisconsin
2C4215	82.55	2.38 **362**	2.38 **126**	2.38 **126**	4.75 **860 732**				4	
4216	92.00	1.50 **032**	1.50 **401**	4.00 **870 732**					4	Mazda, Toyota
2C4216	92.00	1.50 **363**	1.50 **401**	4.00 **870 732**					4	
2M4216	92.00	1.50 **335**	1.50 **401**	4.00 **870 732**					4	
4217	84.00	1.50 **032**	1.50 **126**	4.00 **058 732**					4	Isuzu, Toyota
2M4217	84.00	1.50 **336**	1.50 **126**	4.00 **058 732**					4	
4218	81.99	1.50 **032**	1.50 **126**	4.00 **872 732**					4	GM
2M4218	81.99	1.50 **327**	1.50 **126**	4.00 **872 732**					4	
4219	86.00	1.50 **032**	1.50 **435**	4.00 **058 732**					4	Nissan, Toyota
2C4219	86.00	1.50 **362**	1.50 **435**	4.00 **058 732**					4	
2M4219	86.00	1.50 **327**	1.50 **435**	4.00 **058 732**					4	
2C4220	68.00	1.00 **398**	1.20 **126**	2.00 **993 005**					4	Suzuki
4221	83.01	1.50 **032**	1.50 **126**	2.80 **861 732**					4	Nissan
2C4221	83.01	1.50 **376**	1.50 **126**	2.80 **861 732**					4	
4222	87.50	1.50 **032**	1.50 **126**	4.00 **872 732**					4	Chrysler, Dodge
2C4222	87.50	1.50 **362**	1.50 **126**	4.00 **872 732**					4	
2M4222	87.50	1.50 **335**	1.50 **126**	4.00 **872 732**					4	
2D4223	83.01	2.00 **370**	2.00 **126**	4.00 **553 881**					4	Toyota

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2D4225	92.00	2.00 **370**	2.00 **126**	4.00 **204 881**					4	Toyota
2C4228	89.00	1.75 **362**	2.00 **126**	4.00 **056 732**					6	BMW
4229	89.99	2.00 **032**	2.50 **126**	4.00 **860 732**	4.00 **501**				6	Toyota
2C4229	89.99	2.00 **362**	2.50 **126**	4.00 **860 732**	4.00 **501**				6	
2C4231	101.60	2.38 **363**	3.18 **126**	4.75 **860 732**	4.75 **501**				6	Hercules, International
4233	84.15	2.38 **032**	2.38 **126**	4.00 **860 732**	4.00 **501 901**				6	Checker, Continental, Jeep
4234	65.51	1.50 **032**	1.50 **126**	2.80 **859 732**					4	Suzuki
2C4234	65.51	1.50 **362**	1.50 **126**	2.80 **859 732**					4	
2C4237	78.00	1.20 **398**	1.50 **126**	4.00 **058 732**					4	Mazda
4239	96.85	3.18 **032**	3.18 **126**	3.18 **126**	4.75 **860 732**	4.75 **501**			6	Buda
2C4239	96.85	3.18 **362**	3.18 **126**	3.18 **126**	4.75 **860 732**	4.75 **501**			6	
4241	76.99	1.50 **032**	1.50 **861**	2.80 **732**					4	GM, Isuzu
2M4241	76.99	1.50 **335**	1.50 **861**	2.80 **732**					4	
4244	69.72	1.60 **102**	1.60 **102**	4.75 **871 732**					2	Harley
4246	95.00	2.00 **032**	2.00 **126**	4.00 **056 732**					4	Opel
2C4246	95.00	2.00 **362**	2.00 **126**	4.00 **056 732**					4	
4247	84.00	2.00 **032**	2.00 **126**	4.00 **058 732**					4	Chrysler, Dodge, GM, Isuzu, Mitsubishi, Toyota
2C4247	84.00	2.00 **362**	2.00 **126**	4.00 **058 732**					4	
4248	75.01	1.75 **032**	2.00 **401**	4.00 **056 732**					4	Opel
2C4248	75.01	1.75 **362**	2.00 **401**	4.00 **056 732**					4	
4250	84.00	1.50 **032**	1.75 **401**	4.00 **056 732**					4	Alfa Romeo
2C4250	84.00	1.50 **362**	1.75 **401**	4.00 **056 732**					4	
4253	80.59	1.75 **032**	2.00 **401**	4.00 **056 732**					4	Chrysler, Peugeot
2C4253	80.59	1.75 **363**	2.00 **401**	4.00 **056 732**					4	
4256	89.00	1.50 **032**	1.50 **126**	4.75 **860 732**					4	GM
2M4256	89.00	1.50 **397**	1.50 **126**	4.75 **860 732**					4	
4257	87.99	1.75 **032**	2.00 **126**	4.00 **056 732**					4	Citroen, Jeep, Renault
2M4257	87.99	1.75 **327**	2.00 **126**	4.00 **056 732**					4	
2C4258	73.99	1.20 **398**	1.50 **435**	2.80 **859 732**					4	GM, Suzuki
4261	81.94	1.50 **032**	1.50 **126**	3.00 **054 732**					4	Ford
2M4261	81.94	1.50 **327**	1.50 **126**	3.00 **054 732**					4	
4262	96.80	1.50 **032**	1.50 **126**	4.00 **052 005**					6	Ford
2M4262	96.80	1.50 **327**	1.50 **126**	4.00 **052 005**					6	

PART NUMBER	CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE		5TH GROOVE		6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
4265	78.00	1.50	**032**	1.50	**126**	4.00	**058** **732**							4	Ford, Kia, Mazda, Nissan
2C4265	78.00	1.50	**362**	1.50	**126**	4.00	**058** **732**							4	
2M4265	78.00	1.50	**327**	1.50	**126**	4.00	**058** **732**							4	
4266	76.00	2.00	**102**	2.00	**401**	4.00	**058** **732**							4	Nissan, Renault, Subaru, Toyota
2C4266	76.00	2.00	**362**	2.00	**401**	4.00	**058** **732**							4	
2M4267	100.00	3.00	**335**	2.00	**126**	4.50	**860** **732**							6	Nissan
2C4273	70.31	1.50	**362**	1.50	**126**	3.00	**996** **732**							4	Volkswagen
4276	89.99	2.00	**032**	3.00	**126**	4.00	**860** **732**							4	Ford
4277	68.00	2.00	**032**	2.00	**401**	4.00	**058** **732**							4	Mazda
4279	87.99	1.50	**032**	2.00	**126**	4.00	**056** **732**							4	Peugeot
2C4279	87.99	1.50	**362**	2.00	**126**	4.00	**056** **732**							4	
4280	84.00	1.50	**102**	1.75	**401**	4.50	**871** **732**							4	Alfa Romeo
2C4280	84.00	1.50	**362**	1.75	**401**	4.50	**871** **732**							4	
4282	76.50	2.00	**032**	2.50	**126**	4.00	**056** **732**							4	Audi, Volkswagen
2C4282	76.50	2.00	**363**	2.50	**126**	4.00	**056** **732**							4	
4283	114.30	3.18	**032**	3.18	**126**	3.18	**126**	6.35	**860** **732**	4.75	**501**			6	Buda
2C4283	114.30	3.18	**363**	3.18	**126**	3.18	**126**	6.35	**860** **732**	4.75	**501**			6	
4284	92.00	1.50	**032**	1.50	**126**	3.00	**872** **005**							8	GM
2M4284	92.00	1.50	**327**	1.50	**126**	3.00	**872** **005**							8	
4286	90.81	1.60	**032**	2.00	**126**	4.00	**860** **732**							4	Ford British
2C4286	90.81	1.60	**363**	2.00	**126**	4.00	**860** **732**							4	
4288	87.33	2.38	**032**	3.18	**126**	3.18	**126**	4.75	**860** **732**	4.75	**501**			4	Buda
2C4288	87.33	2.38	**362**	3.18	**126**	3.18	**126**	4.75	**860** **732**	4.75	**501**			4	
4289	88.90	1.60	**032**	1.60	**126**	4.75	**860** **732**							8	Rover, Triumph
2C4289	88.90	1.60	**362**	1.60	**126**	4.75	**860** **732**							8	
2C4290	87.99	1.50	**362**	1.75	**126**	4.00	**056** **732**							6	Alfa Romeo
2C4291	80.01	1.50	**362**	1.75	**401**	3.50	**055** **732**							4	Alfa Romeo
4293	80.49	2.00	**032**	2.00	**126**	4.00	**860** **732**							4	Toyota
2C4293	80.49	2.00	**362**	2.00	**126**	4.00	**860** **732**							4	
4294	81.99	2.00	**032**	2.00	**126**	4.00	**056** **732**							4	GM, Isuzu, Subaru
2C4294	81.99	2.00	**362**	2.00	**126**	4.00	**056** **732**							4	
2M4294	81.99	2.00	**327**	2.00	**126**	4.00	**056** **732**							4	

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
4298	87.00	2.00 **032**	2.00 **126**	5.00 **871 732**					4	Volkswagen
2C4298	87.00	2.00 **362**	2.00 **126**	5.00 **871 732**					4	
2C4299	87.00	1.50 **362**	1.50 **102**	5.00 **871 732**					4	Volkswagen
4301	81.99	1.50 **032**	1.50 **126**	4.00 **058 732**					4	Ford, Isuzu
2M4301	81.99	1.50 **327**	1.50 **126**	4.00 **058 732**					4	
2C4303	86.00	1.75 **362**	2.50 **401**	4.00 **056 732**					6	Mercedes Benz
4304	79.50	2.00 **032**	2.50 **126**	5.00 **860 732**					4	Audi, Volkswagen
2C4304	79.50	2.00 **362**	2.50 **126**	5.00 **860 732**					4	
2C4305	114.30	3.18 **372**	2.38 **126**	4.75 **565 881**					8	International
2C4313	79.50	1.50 **362**	1.50 **126**	2.50 **995 732**					4	Renault
4320	87.00	2.00 **032**	2.50 **126**	4.00 **056 732**					4	Mercedes Benz
2C4320	87.00	2.00 **362**	2.50 **126**	4.00 **056 732**					4	
2C4329	80.01	1.50 **376**	1.75 **406**	3.00 **200 881**					6	BMW
4330	76.00	1.75 **102**	2.00 **401**	4.00 **056 732**					4	American Motors, Peugeot, Renault
2C4330	76.00	1.75 **362**	2.00 **401**	4.00 **056 732**					4	
4340	84.00	1.50 **102**	2.00 **401**	4.00 **056 732**					6	BMW
2C4340	84.00	1.50 **362**	2.00 **401**	4.00 **056 732**					6	
4341	81.00	1.50 **032**	1.75 **126**	3.00 **054 732**					4	Audi, Volkswagen
2C4341	81.00	1.50 **362**	1.75 **126**	3.00 **054 732**					4	
2M4341	81.00	1.50 **335**	1.75 **126**	3.00 **054 732**					4	
4342	70.99	2.00 **032**	2.00 **401**	4.00 **056 732**					4	Chrysler, Mitsubishi
2C4342	70.99	2.00 **362**	2.00 **401**	4.00 **056 732**					4	
4346	101.60	1.50 **032**	1.50 **126**	4.00 **635 732**					8	Ford, Jeep, Palmer
2M4346	101.60	1.50 **327**	1.50 **126**	4.00 **635 732**					8	
4347	73.00	1.50 **032**	1.50 **126**	4.00 **058 732**					4	Hyundai, Mazda, Mitsubishi, Nissan
2C4347	73.00	1.50 **362**	1.50 **126**	4.00 **058 732**					4	
4353	76.89	1.50 **032**	1.50 **126**	4.00 **058 732**					4	Chrysler, Mitsubishi
2C4353	76.89	1.50 **362**	1.50 **126**	4.00 **058 732**					4	
2C4354	77.57	1.00 **398**	1.00 **123**	2.00 **993 005**					4	GM
4355	70.61	1.50 **032**	1.50 **126**	3.00 **054 732**					4	M.G., Rover
2C4356	78.99	1.20 **398**	1.20 **126**	2.00 **990 005**					4	Ford, GM
2C4357	81.00	1.00 **398**	1.20 **126**	2.00 **990 005**					4	Hyundai, Kia
2C4358	92.00	1.20 **398**	1.00 **123**	2.00 **991 005**					4	Suzuki
4359	69.85	1.60 **022**	1.60 **022**	1.60 **022**					1	Harley
4360	75.01	2.00 **032**	2.50 **401**	4.00 **056 732**					4	Audi
2C4360	75.01	2.00 **362**	2.50 **401**	4.00 **056 732**					4	
4362	70.99	1.50 **032**	1.50 **126**	2.80 **859 732**					4	Nissan
2C4362	70.99	1.50 **362**	1.50 **126**	2.80 **859 732**					4	

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2C4363	73.99	1.00 **398**	1.20 **126**	2.80 **859 732**					4	Honda
2C4364	73.99	1.20 **398**	2.80 **859 732**						4	Suzuki
2C4365	87.99	1.50 **362**	1.50 **126**	4.00 **856 732**					4	Isuzu
4366	101.60	1.60 **032**	2.00 **126**	4.75 **860 732**					4	American Motors, GM
2C4366	101.60	1.60 **362**	2.00 **126**	4.75 **860 732**					4	
2M4366	101.60	1.60 **327**	2.00 **126**	4.75 **860 732**					4	
4367	80.59	1.50 **032**	1.50 **401**	4.00 **058 732**					4	Chrysler, Jeep, Mitsubishi
2C4367	80.59	1.50 **363**	1.50 **401**	4.00 **058 732**					4	
4369	65.00	1.75 **102**	2.00 **401**	3.50 **054 732**					4	Renault
2C4369	65.00	1.75 **362**	2.00 **401**	3.50 **054 732**					4	
4373	70.00	2.00 **032**	2.00 **401**	4.00 **055 732**					4	Peugeot
2C4373	70.00	2.00 **362**	2.00 **401**	4.00 **055 732**					4	
2D4379	95.00	2.38 **363**	2.38 **126**	4.75 **553 881**					4	Mazda
4381	78.00	2.00 **032**	2.00 **126**	4.00 **056 732**					4	Mazda
2C4381	78.00	2.00 **362**	2.00 **126**	4.00 **056 732**					4	
2C4389	101.60	2.00 **362**	2.00 **126**	4.75 **860 732**					4	Hercules
2D4390	86.00	2.50 **362**	2.00 **435**	5.00 **553 881**					4	Isuzu
4393	81.99	1.50 **032**	1.50 **126**	4.00 **056 732**					4	GM
2C4393	81.99	1.50 **362**	1.50 **126**	4.00 **056 732**					4	
4394	86.00	2.00 **032**	2.00 **126**	4.00 **860 732**					6	Nissan
2C4394	86.00	2.00 **362**	2.00 **126**	4.00 **860 732**					6	
4396	73.99	1.50 **032**	1.50 **126**	4.00 **058 732**					4	Chrysler, Honda, Mitsubishi
2C4396	73.99	1.50 **362**	1.50 **126**	4.00 **058 732**					4	
2M4396	73.99	1.50 **327**	1.50 **126**	4.00 **058 732**					4	
4398	82.55	2.00 **032**	2.00 **126**	4.75 **860 732**					2	Onan, Wisconsin
2C4400	94.46	2.38 **363**	3.18 **126**	3.18 **126**	4.75 **860 732**				6	GM
4408	89.00	1.50 **032**	2.00 **126**	4.75 **860 732**					4	GM
2M4408	89.00	1.50 **397**	2.00 **126**	4.75 **860 732**					4	

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
4409	93.47	1.50 **032**	1.50 **126**	4.00 **056 732**					6	Ford
2C4409	93.47	1.50 **363**	1.50 **126**	4.00 **056 732**					6	
4410	73.00	2.00 **032**	2.00 **401**	4.00 **058 732**					6	Nissan
2C4410	73.00	2.00 **362**	2.00 **401**	4.00 **058 732**					6	
2C4412	78.00	1.50 **362**	2.00 **126**	4.00 **056 732**					4	Ford
4413	78.99	2.00 **032**	2.00 **401**	5.00 **871 732**					4	Opel
2C4413	78.99	2.00 **362**	2.00 **401**	5.00 **871 732**					4	
4415	84.99	2.00 **032**	2.00 **126**	5.00 **871 732**					4	Opel
2C4415	84.99	2.00 **362**	2.00 **126**	5.00 **871 732**					4	
4416	87.00	2.00 **032**	2.00 **126**	5.00 **871 732**					6	Opel
2C4416	87.00	2.00 **362**	2.00 **126**	5.00 **871 732**					6	
4417	80.98	2.00 **032**	2.00 **126**	4.75 **860 732**					4	Vauxhall
2C4417	80.98	2.00 **362**	2.00 **126**	4.75 **860 732**					4	
2C4422	68.00	2.00 **362**	2.00 **401**	4.00 **058 732**					4	Skoda
2D4423	87.99	2.00 **362**	2.00 **032**	2.00 **401**	5.00 **553 881**				4	Opel
2C4424	72.01	2.00 **362**	2.00 **401**	4.00 **058 732**					4	Skoda
2C4434	84.00	1.20 **398**	1.00 **123**	2.00 **990 005**					4	Suzuki
4435	73.99	1.50 **032**	1.50 **126**	2.80 **859 732**					4	Honda
2C4435	73.99	1.50 **362**	1.50 **126**	2.80 **859 732**					4	
2C4437	87.99	1.20 **398**	1.50 **126**	2.00 **993 005**					8	Rover
2C4439	78.00	1.20 **398**	1.20 **126**	2.00 **990 732**					4	Nissan
2C4441	89.99	1.60 **362**	2.00 **126**	4.00 **056 732**					12	Jaguar
2C4443	90.30	1.75 **362**	1.75 **126**	4.00 **860 732**					4	Triumph
2C4446	83.01	1.20 **398**	1.50 **126**	4.00 **056 732**					4	Subaru
2M4447	87.99	1.50 **335**	1.50 **126**	3.00 **872 005**					8	GM
2C4448	78.99	1.75 **362**	2.00 **126**	4.00 **056 732**					4	Renault
2C4449	62.00	1.50 **362**	1.50 **126**	2.80 **859 732**					3	Suzuki
4450	92.99	1.60 **032**	1.75 **126**	3.50 **058 732**					6	Ford
2C4450	92.99	1.60 **363**	1.75 **126**	3.50 **058 732**					6	
2M4450	92.99	1.60 **327**	1.75 **126**	3.50 **058 732**					6	
2C4451	70.99	1.20 **398**	1.50 **126**	3.00 **054 732**					4	Ford, Mazda

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
4452	89.00	2.00 **032**	1.50 **126**	4.00 **056 732**					4	Nissan
2C4452	89.00	2.00 **362**	1.50 **126**	4.00 **056 732**					4	
2M4452	89.00	2.00 **327**	1.50 **126**	4.00 **056 732**					4	
4453	91.11	1.50 **032**	1.50 **126**	4.00 **870 732**					6	Chrysler, Dodge, Hyundai, Mitsubishi
2M4453	91.11	1.50 **335**	1.50 **126**	4.00 **870 732**					6	
4454	110.52	2.00 **032**	2.00 **126**	4.75 **860 732**					8	GM
2C4454	110.52	2.00 **362**	2.00 **126**	4.75 **860 732**					8	
2M4454	110.52	2.00 **345**	2.00 **126**	4.75 **860 732**					8	
2M4455	87.99	1.75 **327**	2.00 **126**	4.00 **872 732**					4	American Motors
4456	89.00	1.50 **032**	1.50 **126**	4.00 **872 732**					6	GM, Isuzu
2M4456	89.00	1.50 **397**	1.50 **126**	4.00 **872 732**					6	
4457	66.68	2.38 **126**	2.38 **126**	4.75 **871 732**					2	Bendix
4458	96.49	1.50 **032**	1.50 **126**	3.00 **872 732**					6	GM
2M4458	96.49	1.50 **327**	1.50 **126**	3.00 **872 732**					6	
4459	76.00	1.50 **032**	1.50 **435**	2.80 **861 732**					3	Daihatsu
2C4459	76.00	1.50 **362**	1.50 **435**	2.80 **861 732**					3	
4460	76.00	1.50 **032**	2.00 **401**	4.00 **055 732**					4	Lada
2C4460	76.00	1.50 **362**	2.00 **401**	4.00 **055 732**					4	
4461	81.99	1.50 **032**	2.00 **126**	4.00 **055 732**					4	Lada
2C4461	81.99	1.50 **362**	2.00 **126**	4.00 **055 732**					4	
4465	66.68	2.38 **126**	2.38 **126**	4.75 **501 826**	2.38 **126**	4.75 **501 826**			2	Bendix
4466	86.51	2.00 **032**	2.50 **126**	5.00 **871 732**					4	American Motors, Audi, Porsche
2C4466	86.51	2.00 **362**	2.50 **126**	5.00 **871 732**					4	
4467	74.50	1.50 **032**	1.75 **401**	3.00 **056 732**					4	Renault
4468	92.00	1.50 **032**	1.50 **126**	3.00 **054 005**					4	GM
2M4468	92.00	1.50 **335**	1.50 **126**	3.00 **054 005**					4	
4469	66.68	2.38 **126**	2.38 **126**	4.75 **871 732**	4.75 **126**	4.75 **126**			2	Bendix
2C4471	73.99	1.60 **362**	2.00 **401**	4.00 **058 732**					4	Ford, Ford European
4473	76.61	2.00 **032**	2.00 **401**	4.00 **058 732**					4	Toyota
2C4473	76.61	2.00 **362**	2.00 **401**	4.00 **058 732**					4	
2C4475	81.99	2.00 **363**	2.00 **126**	2.80 **861 732**					1	Honda
4476	80.49	1.50 **102**	2.00 **126**	4.00 **058 732**					4	Nissan
2C4476	80.49	1.50 **362**	2.00 **126**	4.00 **058 732**					4	

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
4477	95.99	1.75 **032**	1.75 **126**	3.50 **059 732**					4	Volvo
2C4477	95.99	1.75 **363**	1.75 **126**	3.50 **059 732**					4	
4478	94.01	1.50 **032**	1.50 **126**	3.00 **872 005**					6	GM
2M4478	94.01	1.50 **327**	1.50 **126**	3.00 **872 005**					6	
4479	76.00	1.50 **032**	2.00 **401**	4.00 **055 732**					4	Fiat
2C4479	76.00	1.50 **362**	2.00 **401**	4.00 **055 732**					4	
4480	90.98	1.50 **032**	1.50 **126**	4.00 **870 732**					4	Toyota
2C4480	90.98	1.50 **362**	1.50 **126**	4.00 **870 732**					4	
4481	70.00	2.00 **032**	2.00 **401**	3.50 **055 732**					2	Fiat
2C4481	70.00	2.00 **362**	2.00 **401**	3.50 **055 732**					2	
4482	78.99	2.00 **032**	2.50 **401**	4.00 **056 732**					4	Ford European
2C4482	78.99	2.00 **362**	2.50 **401**	4.00 **056 732**					4	
2C4484	69.49	1.75 **362**	2.50 **401**	4.00 **055 732**					4	Audi, Volkswagen
4486	72.01	1.50 **032**	2.00 **401**	4.00 **056 732**					4	Peugeot
2C4486	72.01	1.50 **362**	2.00 **401**	4.00 **056 732**					4	
4488	87.99	1.50 **032**	2.00 **401**	4.00 **056 732**					6	Peugeot, Renault, Volvo
2C4488	87.99	1.50 **362**	2.00 **401**	4.00 **056 732**					6	
4490	79.50	1.75 **032**	2.00 **126**	4.00 **056 732**					4	Audi, Chrysler, Volkswagen
2C4490	79.50	1.75 **363**	2.00 **126**	4.00 **056 732**					4	
2M4490	79.50	1.75 **327**	2.00 **126**	4.00 **056 732**					4	
4492	76.50	2.00 **032**	2.00 **401**	4.00 **056 732**					4	Mitsubishi
2C4492	76.50	2.00 **362**	2.00 **401**	4.00 **056 732**					4	
4493	76.00	1.50 **032**	2.00 **401**	4.00 **056 732**					4	Fiat, Lada
2C4493	76.00	1.50 **362**	2.00 **401**	4.00 **056 732**					4	
2D4498	76.50	1.75 **362**	2.00 **401**	3.00 **204 881**					5	Audi, Volkswagen
2C4499	82.70	1.50 **362**	1.50 **126**	4.00 **058 732**					4	Honda
2M4499	82.70	1.50 **327**	1.50 **126**	4.00 **058 732**					4	
2C4501	80.01	1.20 **398**	1.50 **126**	2.00 **993 005**					6	BMW
2C4504	76.99	1.20 **398**	1.20 **435**	2.00 **993 005**					4	Hyundai, Kia
2C4510	83.01	1.20 **398**	1.50 **126**	2.50 **995 732**					1	Volvo
2C4511	94.01	1.20 **398**	1.20 **126**	2.00 **991 005**					6	Lexus, Toyota
2D4512	97.00	3.00 **361**	3.00 **032**	3.00 **401**	5.50 **553 881**				2	Hanomag, Mercedes Benz, Toyota
2D4513	90.50	3.00 **222**	2.50 **435**	3.00 **553 881**					4	Rover

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
4515	95.99	1.50 **032**	1.50 **126**	3.00 **872 732**					4	Ford
2M4515	95.99	1.50 **327**	1.50 **126**	3.00 **872 732**					4	
2C4516	89.00	1.20 **398**	1.20 **126**	2.00 **990 732**					4	Nissan
4517	71.07	1.50 **032**	1.50 **126**	3.00 **054 732**					4	GM
2C4517	71.07	1.50 **362**	1.50 **126**	3.00 **054 732**					4	
2C4519	86.39	1.50 **362**	2.00 **401**	3.00 **054 732**					4	Fiat
2M4520	102.01	1.50 **336**	1.50 **406**	2.50 **985 732**					8	Ford
2C4521	84.00	1.20 **398**	1.20 **126**	2.50 **995 732**					4	Suzuki
2C4522	68.50	1.20 **398**	1.20 **126**	2.50 **995 732**					4	Daewoo
4523	86.39	1.50 **032**	1.50 **126**	3.00 **054 732**					4	Fiat
2C4523	86.39	1.50 **363**	1.50 **126**	3.00 **054 732**					4	
2C4526	76.50	1.20 **398**	1.20 **126**	2.00 **993 005**					4	Hyundai, Kia
2C4528	83.01	1.20 **398**	1.75 **126**	3.00 **997 732**					1	Volvo
4532	99.49	2.00 **032**	1.50 **126**	4.00 **056 732**					6	Nissan
2M4532	99.49	2.00 **335**	1.50 **126**	4.00 **056 732**					6	
2D4541	81.00	1.50 **335**	1.70 **126**	3.00 **553 881**					5	Audi, Volkswagen
2C4542	87.00	1.50 **362**	1.50 **102**	2.50 **401**	4.00 **056 732**				4	Mercedes Benz
4544	81.74	1.75 **032**	2.50 **401**	4.00 **860 732**					6	Mercedes Benz
2C4544	81.74	1.75 **363**	2.50 **401**	4.00 **860 732**					6	
2C4548	81.99	1.20 **398**	1.50 **126**	2.00 **934 005**					4	Ford
2C4549	68.99	1.20 **398**	1.50 **126**	2.50 **995 732**					4	Renault
2C4550	96.01	1.20 **398**	1.20 **126**	2.00 **991 005**					6	Chrysler, Dodge, Hyundai, Jeep, Kia
2C4551	81.58	1.20 **398**	1.50 **126**	3.00 **054 732**					4	GM
4555	84.00	1.50 **032**	1.50 **126**	3.00 **054 732**					4	Fiat
2C4555	84.00	1.50 **362**	1.50 **126**	3.00 **054 732**					4	
4557	84.00	1.50 **032**	1.50 **126**	2.00 **993 005**					2	BMW
2C4557	84.00	1.50 **362**	1.50 **126**	2.00 **993 005**					2	
2C4558	84.99	1.20 **398**	1.20 **126**	2.00 **993 732**					4	Mitsubishi
2C4559	80.01	1.50 **362**	1.50 **126**	2.00 **993 005**					6	BMW
2C4561	90.98	1.20 **398**	1.20 **126**	3.00 **997 732**					8	Lexus
2C4562	82.50	1.20 **398**	1.50 **126**	2.00 **934 935**					5	Volkswagen
2C4563	82.50	1.20 **398**	1.75 **126**	3.00 **997 732**					1	Audi
2C4564	87.99	1.20 **398**	1.50 **126**	2.00 **993 005**					4	GM

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2C4565	76.00	1.20 **398**	1.50 **126**	2.50 **995 732**					4	Ford European
2C4566	94.01	1.20 **398**	1.20 **126**	3.00 **997 732**					8	Lexus, Toyota
2C4567	87.99	1.20 **398**	1.50 **126**	2.80 **997 732**					6	Suzuki
2C4569	77.90	1.20 **398**	1.50 **126**	2.50 **995 732**					4	GM
2C4571	93.40	1.20 **398**	1.20 **126**	2.00 **934 732**					6	Isuzu
2C4573	84.00	1.20 **398**	1.50 **126**	2.00 **993 005**					2	BMW
2N4573	84.00	1.20 **322**	1.50 **406**	2.00 **987 714**					4	
2C4576	75.49	1.20 **398**	1.20 **126**	2.00 **993 005**					4	Hyundai
2M4577	91.01	1.20 **397**	1.20 **406**	2.00 **991 005**					6	
2C4580	67.01	1.20 **398**	1.20 **126**	2.50 **995 005**					4	Hyundai
2D4583	95.99	2.00 **370**	1.50 **126**	3.00 **248 881**					4	Toyota
2M4584	81.00	1.50 **335**	1.75 **126**	2.00 **993 005**					6	Audi
2C4586	94.01	1.20 **398**	1.20 **126**	2.00 **991 005**					8	Lexus, Toyota
2C4590	81.00	1.00 **398**	1.20 **126**	2.00 **993 005**					4	Audi, Volkswagen
2C4596	78.99	1.20 **398**	1.50 **126**	2.00 **993 005**					4	Opel
2C4597	69.70	1.20 **398**	1.20 **126**	2.00 **934 005**					4	GM
2C4598	70.99	1.00 **398**	1.00 **123**	1.50 **981 005**					3	Toyota
2M4599	92.20	1.20 **397**	1.20 **126**	2.50 **995 732**					8	Ford
4600	81.00	1.75 **032**	2.00 **126**	3.00 **054 732**					4	American Motors, Renault
2C4600	81.00	1.75 **362**	2.00 **126**	3.00 **054 732**					4	
4601	86.00	1.50 **032**	1.50 **126**	3.00 **872 732**					4	GM, Infiniti, Isuzu, Nissan, Opel
2M4601	86.00	1.50 **397**	1.50 **126**	3.00 **872 732**					4	
2C4602	78.99	1.20 **398**	1.50 **126**	3.00 **872 732**					4	GM
4603	89.31	1.50 **032**	1.50 **126**	4.00 **058 732**					4	Isuzu
2C4603	89.31	1.50 **363**	1.50 **126**	4.00 **058 732**					4	
4609	87.33	1.60 **032**	1.60 **126**	4.75 **501**					2	Harley
4612	94.01	1.50 **032**	1.50 **126**	4.00 **870 732**					6	Toyota
2C4612	94.01	1.50 **363**	1.50 **126**	4.00 **870 732**					6	
2C4613	84.99	1.20 **398**	1.50 **126**	3.00 **054 732**					4	Chrysler, Jeep, Mitsubishi
4614	83.01	1.50 **032**	1.75 **126**	4.00 **058 732**					4	Seat
2C4614	83.01	1.50 **362**	1.75 **126**	4.00 **058 732**					4	
4617	80.01	1.50 **102**	2.00 **126**	3.50 **055 732**					6	BMW
2C4617	80.01	1.50 **362**	2.00 **126**	3.50 **055 732**					6	

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
4618	70.99	1.50 **032**	1.50 **126**	4.00 **058 732**					4	Mitsubishi
2C4618	70.99	1.50 **362**	1.50 **126**	4.00 **058 732**					4	
2C4619	78.00	1.50 **362**	1.50 **126**	2.50 **533 732**					2	Mitsubishi
2D4620	90.50	2.00 **363**	2.00 **126**	4.00 **553 881**					4	Rover
2C4621	78.99	1.20 **398**	1.50 **126**	2.50 **995 732**					4	GM, Opel
2C4623	80.01	1.00 **398**	1.20 **126**	2.00 **993 005**					2	Rover
4625	92.00	2.00 **032**	2.00 **126**	4.75 **860 732**					6	Jaguar
2C4625	92.00	2.00 **362**	2.00 **126**	4.75 **860 732**					6	
4626	101.60	2.00 **032**	1.50 **126**	4.00 **872 732**					8	GM
2M4626	101.60	2.00 **397**	1.50 **126**	4.00 **872 732**					8	
4627	100.41	1.60 **032**	1.75 **126**	3.50 **874 732**					6	Ford, Mazda
2M4627	100.41	1.60 **335**	1.75 **126**	3.50 **874 732**					6	
4628	90.20	1.50 **032**	1.50 **126**	3.00 **872 732**					8	Ford
2M4628	90.20	1.50 **397**	1.50 **126**	3.00 **872 732**					8	
4630	81.99	2.00 **032**	2.00 **126**	4.50 **870 732**					4	Mazda
2C4631	75.01	1.20 **398**	1.50 **435**	4.00 **058 732**					4	Honda
2N4631	75.01	1.20 **322**	1.50 **435**	4.00 **058 732**					4	
4632	75.01	1.50 **032**	1.50 **401**	4.00 **058 732**					6	Toyota
2C4632	75.01	1.50 **363**	1.50 **435**	4.00 **058 732**					6	
4633	73.00	1.50 **032**	1.50 **126**	3.00 **054 732**					4	Toyota
2C4633	73.00	1.50 **363**	1.50 **126**	3.00 **054 732**					4	
2N4633	73.00	1.50 **326**	1.50 **435**	3.00 **054 732**					4	
4634	94.01	1.75 **032**	2.00 **126**	3.50 **058 732**					4	Volkswagen
2C4634	94.01	1.75 **362**	2.00 **126**	3.50 **058 732**					4	
4635	84.79	1.50 **032**	1.50 **126**	3.00 **054 732**					4	GM
2C4635	84.79	1.50 **362**	1.50 **126**	3.00 **054 732**					4	
4636	92.99	1.50 **032**	1.50 **126**	3.00 **872 732**					6	Chrysler, Dodge, Jeep
2M4636	92.99	1.50 **327**	1.50 **126**	3.00 **872 732**					6	
4637	92.61	1.50 **032**	1.50 **126**	4.00 **870 732**					4	Honda, Isuzu
2M4637	92.61	1.50 **335**	1.50 **126**	4.00 **870 732**					4	
4638	86.49	1.50 **032**	1.50 **126**	4.00 **058 732**					4	Chrysler, Dodge, Hyundai, Jeep, Mitsubishi
2C4638	86.49	1.50 **362**	1.50 **126**	4.00 **058 732**					4	

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2C4639	82.50	1.20 **398**	1.50 **126**	2.00 **934** **935**					4	Audi, Volkswagen
2N4639	82.50	1.20 **322**	1.50 **406**	2.00 **987** **714**					4	
2C4640	75.01	1.20 **398**	1.50 **435**	2.80 **859** **732**					4	Acura, GM, Honda, Suzuki
2C4644	84.00	1.20 **398**	1.20 **126**	4.00 **058** **732**					6	Acura
2C4645	87.00	1.20 **398**	1.20 **126**	4.00 **058** **732**					6	Acura, Honda
2C4646	76.99	1.20 **398**	1.20 **126**	2.80 **861** **732**					4	GM, Isuzu
2C4647	80.01	1.20 **398**	1.20 **126**	3.00 **054** **732**					4	GM, Isuzu
4648	95.99	1.50 **032**	1.50 **126**	3.00 **872** **732**					6	Chrysler, Dodge, Jeep
2M4648	95.99	1.50 **327**	1.50 **126**	3.00 **872** **732**					6	
2N4648	95.99	1.50 **322**	1.50 **126**	3.00 **987** **714**					6	
4649	92.00	1.50 **032**	1.50 **126**	4.00 **870** **732**					6	GM
2M4649	92.00	1.50 **335**	1.50 **126**	4.00 **870** **732**					6	
2C4650	89.00	1.20 **398**	1.50 **126**	2.80 **861** **732**					6	Ford
4651	83.01	1.50 **032**	1.50 **126**	3.00 **054** **732**					4	Ford, Kia, Mazda, Peugeot
2C4651	83.01	1.50 **376**	1.50 **126**	3.00 **054** **732**					4	
2N4651	83.01	1.50 **326**	1.50 **435**	3.00 **987** **714**					4	
4652	70.00	1.75 **032**	2.00 **401**	3.50 **055** **732**					4	Renault
2C4652	70.00	1.75 **362**	2.00 **401**	3.50 **055** **732**					4	
2C4653	86.00	1.20 **398**	1.50 **435**	4.00 **058** **732**					4	Toyota
2C4654	84.99	1.20 **398**	1.20 **126**	2.80 **861** **732**					4	Honda, Isuzu
2C4658	81.00	1.20 **398**	1.50 **126**	2.80 **861** **732**					4	Honda
4659	76.00	1.50 **032**	1.50 **435**	2.80 **861** **732**					4	Nissan
2C4659	76.00	1.50 **362**	1.50 **435**	2.80 **861** **732**					4	
4660	89.00	1.50 **032**	1.50 **126**	2.80 **861** **732**					4	Nissan
2C4660	89.00	1.50 **363**	1.50 **126**	2.80 **861** **732**					4	
2C4661	84.99	2.00 **362**	1.50 **126**	4.00 **058** **732**					4	Nissan
4662	78.00	1.50 **032**	1.50 **102**	2.80 **861** **732**					4	Nissan
2C4662	78.00	1.50 **363**	1.50 **102**	2.80 **861** **732**					4	
4664	85.50	1.50 **102**	1.75 **126**	4.00 **058** **732**					4	Volkswagen
2C4664	85.50	1.50 **362**	1.75 **126**	4.00 **058** **732**					4	
4665	81.00	1.50 **032**	1.50 **126**	4.00 **056** **732**					4	Mazda
2C4665	81.00	1.50 **363**	1.50 **126**	4.00 **056** **732**					4	
2C4666	81.00	1.00 **398**	1.20 **126**	2.80 **861** **732**					4	Acura, Honda

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2C4667	89.99	1.20 **398**	1.20 **126**	2.80 **861** **732**					6	Acura
2C4668	75.49	1.20 **398**	1.50 **126**	3.00 **054** **732**					4	Chrysler, Hyundai, Jeep, Mitsubishi
2C4669	82.30	1.20 **398**	1.50 **126**	3.00 **997** **732**					4	Chrysler, Hyundai, Jeep, Mitsubishi
2C4670	91.11	1.20 **398**	1.50 **126**	3.00 **997** **732**					6	Chrysler, Dodge, Mitsubishi
2C4672	92.99	1.75 **363**	1.75 **126**	3.50 **056** **732**					6	Chrysler, Jeep
4673	69.49	1.50 **032**	1.50 **126**	4.00 **055** **732**					4	Mitsubishi
2C4673	69.49	1.50 **362**	1.50 **126**	4.00 **055** **732**					4	
2M4676	87.50	1.50 **335**	1.50 **126**	3.00 **997** **732**					6	Lexus, Toyota
2M4678	87.50	1.50 **335**	1.50 **126**	3.00 **997** **732**					8	Lexus, Toyota
2C4679	89.99	1.50 **363**	1.50 **126**	4.00 **056** **732**					6	Mazda
2M4679	89.99	1.50 **335**	1.50 **126**	4.00 **056** **732**					6	
4681	84.51	1.50 **032**	1.50 **126**	2.80 **861** **732**					4	Nissan
2C4681	84.51	1.50 **363**	1.50 **126**	2.80 **861** **732**					4	
2C4682	78.00	2.00 **362**	2.00 **401**	4.00 **052** **732**					6	Nissan
4683	81.00	1.50 **032**	1.50 **126**	3.00 **054** **732**					4	Audi, GM, Toyota, Volkswagen
2M4683	81.00	1.50 **335**	1.50 **126**	3.00 **054** **732**					4	
2N4683	81.00	1.50 **322**	1.50 **126**	3.00 **987** **714**					4	
2C4684	81.00	1.20 **398**	1.50 **126**	2.80 **861** **732**					4	GM, Toyota
4686	87.00	1.50 **032**	1.50 **126**	3.00 **997** **732**					4	Toyota
2M4686	87.00	1.50 **397**	1.50 **126**	3.00 **997** **732**					4	
4687	95.00	1.75 **032**	1.50 **126**	4.00 **870** **732**					4	Toyota
2C4687	95.00	1.75 **363**	1.50 **126**	4.00 **870** **732**					4	
2C4688	94.01	2.00 **363**	2.00 **126**	4.00 **870** **732**					6	Toyota
4689	87.50	1.50 **032**	1.50 **126**	4.00 **856** **732**					6	Lexus, Toyota
2M4689	87.50	1.50 **397**	1.50 **126**	4.00 **856** **732**					6	
2C4690	75.01	1.00 **398**	1.20 **126**	2.80 **859** **732**					4	Honda
4691	80.01	1.50 **032**	1.50 **401**	3.00 **054** **732**					4	Ford European
2C4691	80.01	1.50 **362**	1.50 **401**	3.00 **054** **732**					4	
2M4691	80.01	1.50 **327**	1.50 **401**	3.00 **054** **732**					4	
2C4692	78.00	1.20 **398**	1.50 **126**	2.80 **861** **732**					2	Subaru
4693	75.01	1.50 **032**	1.75 **401**	3.00 **054** **732**					4	Audi
2C4693	75.01	1.50 **363**	1.75 **401**	3.00 **054** **732**					4	

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
4694	71.81	1.50 **032**	1.50 **126**	4.00 **058 732**					4	Mitsubishi
2C4694	71.81	1.50 **362**	1.50 **126**	4.00 **058 732**					4	
4696	68.00	1.50 **032**	1.50 **126**	2.80 **859 732**					4	Nissan
2C4696	68.00	1.50 **363**	1.50 **126**	2.80 **859 732**					4	
2M4699	113.46	1.50 **336**	1.50 **126**	4.00 **872 732**					8	Mercruiser
2C4701	89.00	1.20 **398**	1.50 **126**	2.50 **995 732**					6	GM
2C4703	86.00	1.20 **398**	1.50 **126**	2.50 **995 732**					4	Isuzu
4705	89.00	2.00 **032**	2.00 **126**	4.75 **860 732**					4	GM
2C4705	89.00	2.00 **362**	2.00 **126**	4.75 **860 732**					4	
2C4707	97.00	1.20 **398**	1.50 **126**	3.00 **054 732**					4	Subaru
4709	80.01	2.00 **032**	2.00 **401**	3.00 **054 732**					4	Opel, Renault
2D4709	80.01	2.00 **362**	2.00 **401**	3.00 **204 881**					4	
2C4710	95.99	2.00 **370**	2.00 **126**	4.00 **553 881**					4	Toyota
4711	93.47	2.00 **032**	2.00 **126**	4.75 **860 732**					6	Ford
2C4711	93.47	2.00 **363**	2.00 **126**	4.75 **860 732**					6	
2M4711	93.47	2.00 **327**	2.00 **126**	4.75 **860 732**					6	
2C4713	86.00	1.50 **376**	1.50 **435**	4.00 **058 732**					6	Lexus, Opel, Toyota
4714	75.01	1.50 **032**	1.75 **401**	4.00 **056 732**					4	Seat
2C4714	75.01	1.50 **363**	1.75 **401**	4.00 **056 732**					4	
2M4717	96.80	1.50 **335**	1.50 **126**	4.00 **052 005**					6	Ford
4718	107.95	2.00 **032**	2.00 **126**	4.75 **872 732**					8	GM
2C4718	107.95	2.00 **363**	2.00 **126**	4.75 **872 732**					8	
2M4718	107.95	2.00 **397**	2.00 **126**	4.75 **872 732**					8	
4719	100.03	2.38 **032**	2.00 **126**	2.00 **126**	4.75 **872 732**				8	GM
2C4719	100.03	2.38 **363**	2.00 **126**	2.00 **126**	4.75 **872 732**				8	
2M4719	100.03	2.38 **327**	2.00 **126**	2.00 **126**	4.75 **872 732**				8	
4720	101.60	2.00 **032**	1.50 **126**	4.00 **872 732**					6	GM
2M4720	101.60	2.00 **397**	1.50 **126**	4.00 **872 732**					6	
4721	101.60	2.00 **032**	2.00 **126**	4.75 **872 732**					6	GM
2M4721	101.60	2.00 **397**	2.00 **126**	4.75 **872 732**					6	
4722	91.85	1.50 **032**	1.50 **126**	4.00 **056 732**					6	Ford
2C4722	91.85	1.50 **363**	1.50 **126**	4.00 **056 732**					6	
2M4724	90.91	3.00 **345**	2.00 **126**	4.00 **553 881**					4	Mercedes Benz

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
4726	101.60	1.50 **032**	1.50 **126**	4.00 **635 732**					8	Dodge, Ford
2M4726	101.60	1.50 **397**	1.50 **126**	4.00 **635 732**					8	
2M4727	113.46	2.00 **336**	1.50 **126**	4.00 **872 732**					8	GM, Mercruiser
2C4728	111.76	3.18 **372**	2.38 **126**	2.38 **126**	4.75 **565 881**				4	Ford
4731	70.61	1.60 **102**	1.60 **102**	4.00 **058 732**					4	Austin Rover
4732	64.57	1.60 **032**	1.60 **401**	1.60 **401**	4.00 **058 732**				4	Austin Rover
2C4733	81.00	1.20 **398**	1.50 **126**	3.00 **054 732**					4	GM, Toyota
2N4733	81.00	1.20 **322**	1.50 **126**	3.00 **987 714**					4	
2M4734	87.50	1.50 **397**	1.50 **126**	3.00 **054 732**					4	Chrysler
4735	99.31	2.00 **032**	2.00 **126**	4.00 **872 732**					8	Chrysler, Dodge, Jeep
2C4735	99.31	2.00 **363**	2.00 **126**	4.00 **872 732**					8	
2M4735	99.31	2.00 **397**	2.00 **126**	4.00 **872 732**					8	
4736	92.00	1.50 **032**	2.00 **401**	3.50 **058 732**					6	BMW
2C4736	92.00	1.50 **362**	2.00 **401**	3.50 **058 732**					6	
2M4736	92.00	1.50 **327**	2.00 **401**	3.50 **058 732**					6	
4737	78.00	1.50 **032**	1.50 **126**	3.00 **054 732**					4	Kia, Mazda
2C4737	78.00	1.50 **362**	1.50 **126**	3.00 **054 732**					4	
2C4738	73.99	1.20 **398**	2.80 **859 732**						3	GM, Suzuki
2C4739	83.01	1.20 **398**	1.20 **126**	2.80 **861 732**					4	Honda
4740	110.69	2.00 **032**	2.00 **126**	4.00 **871 732**					8	Ford
2C4740	110.69	2.00 **363**	2.00 **126**	4.00 **871 732**					8	
2M4740	110.69	2.00 **345**	2.00 **126**	4.00 **871 732**					8	
2M4741	104.39	3.00 **336**	2.00 **130**	3.50 **553 881**					8	Ford
4742	94.89	2.00 **032**	2.00 **126**	4.75 **872 732**					8	GM
2M4742	94.89	2.00 **397**	2.00 **126**	4.75 **872 732**					8	
2D4744	103.00	3.00 **378**	2.00 **130**	4.00 **553 881**					8	GM
4745	81.99	1.50 **032**	1.50 **126**	3.00 **054 732**					4	GM
2M4745	81.99	1.50 **327**	1.50 **126**	3.00 **054 732**					4	
4746	92.99	1.50 **032**	1.50 **126**	3.50 **058 732**					6	Alfa Romeo
2M4746	92.99	1.50 **327**	1.50 **126**	3.50 **058 732**					6	
2C4749	83.01	1.20 **398**	1.50 **126**	3.00 **054 732**					4	Ford, Mazda
4750	84.51	1.50 **032**	1.50 **126**	3.00 **054 732**					6	Ford, Mazda
2C4750	84.51	1.50 **362**	1.50 **126**	3.00 **054 732**					6	

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2C4751	76.00	2.00 **362**	1.50 **435**	3.00 **054 732**					4	Isuzu
2C4753	68.00	2.00 **362**	2.00 **401**	3.00 **054 732**					2	Briggs & Stratton
4754	86.00	1.50 **032**	1.50 **435**	2.80 **861 732**					6	Nissan
2C4754	86.00	1.50 **376**	1.50 **435**	2.80 **861 732**					6	
2M4754	86.00	1.50 **397**	1.50 **435**	2.80 **861 732**					6	
2M4755	90.20	1.50 **336**	1.50 **126**	2.50 **995 732**					8	Ford
4756	87.00	1.50 **102**	1.50 **102**	3.00 **054 732**					1	Kohler
4758	78.99	2.00 **032**	1.50 **126**	3.00 **054 732**					4	Isuzu
2D4758	78.99	2.00 **335**	1.50 **126**	3.00 **204 881**					4	
2C4759	87.50	1.20 **398**	1.20 **126**	3.00 **872 732**					4	Chrysler, Mitsubishi
4760	99.31	2.00 **032**	2.00 **126**	4.00 **872 732**					6	Dodge
2C4760	99.31	2.00 **363**	2.00 **126**	4.00 **872 732**					6	
2M4760	99.31	2.00 **397**	2.00 **126**	4.00 **872 732**					6	
4761	87.00	1.50 **032**	1.50 **126**	3.00 **872 732**					8	GM
2M4761	87.00	1.50 **335**	1.50 **126**	3.00 **872 732**					8	
2C4762	84.00	1.50 **362**	1.75 **401**	3.00 **054 732**					6	BMW
2C4763	84.00	1.50 **362**	1.75 **401**	3.00 **054 732**					4	BMW
2M4764	96.49	1.20 **397**	1.50 **126**	3.00 **872 732**					6	GM
2M4765	76.99	1.50 **335**	1.50 **401**	3.00 **054 732**					1	Kohler
4766	81.99	1.75 **032**	2.00 **126**	3.00 **054 732**					4	Renault
2C4766	81.99	1.75 **362**	2.00 **126**	3.00 **054 732**					4	
2C4767	87.00	1.20 **398**	1.20 **126**	2.80 **997 732**					4	Honda
2C4768	84.99	1.20 **398**	1.50 **126**	3.00 **997 732**					4	Hyundai, Jeep, Mitsubishi
2C4769	81.00	1.20 **398**	1.20 **126**	2.80 **997 732**					4	Jeep, Mitsubishi
2C4770	81.48	1.20 **398**	1.50 **126**	3.00 **997 732**					4	Hyundai
2C4771	83.01	1.20 **398**	1.50 **126**	3.00 **997 732**					4	Mazda
4772	75.01	1.50 **032**	1.50 **126**	3.00 **996 732**					6	Mazda
2C4772	75.01	1.50 **363**	1.50 **126**	3.00 **996 732**					6	
2C4773	81.00	1.20 **398**	1.50 **126**	3.00 **997 732**					4	Toyota
2C4774	73.99	1.20 **398**	1.20 **126**	3.00 **996 732**					4	Toyota
4776	100.00	1.75 **032**	2.00 **126**	4.00 **052 732**					6	Lexus, Toyota
2C4776	100.00	1.75 **363**	2.00 **126**	4.00 **052 732**					6	

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
4777	96.90	1.50 **032**	1.50 **126**	3.00 **997**					6	Subaru
				732						
2C4777	96.90	1.50 **363**	1.50 **126**	3.00 **997**					6	
				732						
2C4778	78.00	1.20 **398**	1.50 **126**	2.80 **861**					3	Subaru
				732						
2C4779	84.99	1.20 **398**	1.20 **126**	2.80 **997**					5	Acura
				732						
2C4780	86.49	1.20 **398**	1.50 **126**	2.80 **997**					4	Chrysler, Dodge, Hyundai, Kia, Mitsubishi
				732						
2C4781	92.99	1.20 **398**	1.20 **126**	2.50 **995**					6	Acura, GM, Nissan
				732						
2M4781	92.99	1.20 **397**	1.20 **126**	2.50 **995**					6	
				732						
4782	75.49	1.50 **032**	1.50 **126**	3.00 **996**					4	Hyundai
				732						
2C4782	75.49	1.50 **363**	1.50 **126**	3.00 **996**					4	
				732						
2C4783	86.49	1.20 **398**	1.50 **126**	3.00 **997**					4	Chrysler, Dodge, Mitsubishi
				732						
2M4785	101.60	1.50 **397**	1.50 **126**	4.00 **872**					10	Dodge
				732						
2M4787	81.28	1.60 **335**	2.00 **126**	4.00 **056**					4	Ford European
				732						
4788	84.00	1.50 **032**	2.00 **126**	4.00 **058**					4	Toyota
				732						
2C4788	84.00	1.50 **362**	2.00 **126**	4.00 **058**					4	
				732						
2M4789	97.00	1.50 **336**	1.50 **126**	3.50 **058**					6	Porsche
				716						
4790	92.99	1.50 **032**	1.50 **126**	3.00 **872**					8	Chrysler, Dodge, GM, Jeep
				732						
2M4790	92.99	1.50 **335**	1.50 **126**	3.00 **872**					8	
				732						
2M4791	93.40	1.50 **327**	1.50 **126**	4.00 **870**					6	Honda, Isuzu
				732						
2C4794	82.40	1.20 **398**	1.50 **126**	3.00 **054**					6	Ford
				732						
4798	65.10	1.60 **032**	1.60 **401**	4.00 **058**					1	Briggs & Stratton
				732						
4800	86.39	1.50 **032**	1.75 **401**	3.00 **054**					4	Fiat
				732						
2C4800	86.39	1.50 **363**	1.75 **401**	3.00 **054**					4	
				732						
4801	81.99	1.50 **032**	1.50 **126**	3.00 **054**					4	GM
				732						
2C4801	81.99	1.50 **363**	1.50 **126**	3.00 **054**					4	
				732						
4802	81.99	1.50 **032**	1.75 **126**	4.00 **058**					4	GM
				732						
2M4802	81.99	1.50 **327**	1.75 **126**	4.00 **058**					4	
				732						
4803	76.99	1.50 **032**	1.50 **126**	3.00 **054**					4	Volkswagen
				732						
2C4803	76.99	1.50 **363**	1.50 **126**	3.00 **054**					4	
				732						
4804	86.39	1.50 **032**	2.00 **401**	4.00 **058**					4	Fiat
				732						
2C4804	86.39	1.50 **363**	2.00 **401**	4.00 **058**					4	
				732						
2M4805	95.25	1.50 **337**	1.50 **126**	2.50 **872**					2	Harley
				732						
2C4807	62.00	1.50 **362**	1.50 **126**	2.80 **859**					4	Suzuki
				732						
2C4808	67.11	1.20 **398**	1.50 **401**	2.00 **986**					4	Volkswagen
				732						

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
4812	77.60	1.50 **032**	1.50 **401**	3.00 **054 732**					4	Opel
2C4812	77.60	1.50 **362**	1.50 **401**	3.00 **054 732**					4	
2C4813	72.01	1.20 **398**	1.20 **126**	2.50 **995 732**					1	Briggs & Stratton
4814	90.20	1.50 **032**	1.50 **126**	3.00 **872 732**					10	Ford
2M4814	90.20	1.50 **397**	1.50 **126**	3.00 **872 732**					10	
4815	98.43	1.50 **032**	1.50 **126**	4.00 **056 732**					6	Jeep
2M4815	98.43	1.50 **327**	1.50 **126**	4.00 **056 732**					6	
2M4816	101.60	1.50 **397**	1.50 **126**	3.00 **872 732**					10	Chrysler
2C4817	87.91	1.20 **398**	1.50 **126**	3.00 **997 732**					4	Subaru
2C4818	96.49	1.75 **363**	2.00 **126**	3.50 **058 732**					8	Mercedes Benz
4819	76.50	1.50 **032**	1.50 **401**	3.00 **054 732**					4	Daewoo
2C4819	76.50	1.50 **362**	1.50 **401**	3.00 **054 732**					4	
2M4820	89.00	1.75 **327**	2.00 **126**	3.50 **056 732**					4	Mercedes Benz
2C4821	82.47	2.00 **363**	2.00 **401**	3.00 **054 732**					4	Opel
2C4826	81.99	2.00 **363**	2.00 **126**	4.00 **056 732**					4	GM
2C4828	79.50	2.00 **363**	2.50 **126**	5.00 **870 732**					4	Volkswagen
2C4830	76.00	1.50 **363**	2.00 **401**	4.00 **058 732**					4	Fiat
4831	76.00	1.50 **032**	2.00 **401**	4.00 **055 732**					4	Fiat
2C4831	76.00	1.50 **363**	2.00 **401**	4.00 **055 732**					4	
4832	76.50	1.75 **032**	2.00 **401**	3.00 **054 732**					4	Volkswagen
2C4832	76.50	1.75 **363**	2.00 **401**	3.00 **054 732**					4	
4833	79.50	1.75 **032**	2.00 **126**	4.00 **058 732**					4	Volkswagen
2C4833	79.50	1.75 **363**	2.00 **126**	4.00 **058 732**					4	
2C4834	84.79	1.50 **363**	1.50 **126**	3.00 **054 732**					4	GM
2C4835	86.00	1.20 **398**	1.20 **126**	2.00 **993 005**					4	Chrysler, Hyundai, Jeep, Mitsubishi
2C4840	98.43	2.38 **363**	2.38 **126**	4.75 **860 732**					6	GM
4841	85.50	2.00 **102**	2.00 **401**	5.00 **871 732**					4	Volkswagen
2C4841	85.50	2.00 **363**	2.00 **126**	5.00 **871 732**					4	
4843	76.99	1.75 **032**	2.00 **401**	4.00 **058 732**					4	Ford
2C4843	76.99	1.75 **363**	2.00 **401**	4.00 **058 732**					4	
2C4844	75.31	1.75 **363**	2.00 **401**	4.00 **058 732**					4	Ford
2D4845	103.00	3.00 **259**	2.00 **257**	3.00 **203 881**					8	GM

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
4848	84.79	1.50 **032**	1.75 **126**	4.00 **058 732**					4	GM
2M4848	84.79	1.50 **327**	1.75 **126**	4.00 **058 732**					4	
2C4850	81.00	1.20 **398**	1.20 **126**	2.00 **993 005**					4	Acura, Honda
4851	76.99	2.00 **102**	2.00 **401**	4.00 **058 732**					4	Volkswagen
4856	68.68	1.50 **032**	1.75 **126**	3.00 **054 732**					4	Ford, Ford European
2C4856	68.68	1.50 **363**	1.75 **126**	3.00 **054 732**					4	
4858	73.94	1.50 **032**	1.75 **401**	3.00 **054 732**					4	Ford, Ford European
2C4858	73.94	1.50 **363**	1.75 **401**	3.00 **054 732**					4	
4859	75.79	1.50 **032**	1.75 **401**	3.00 **054 732**					4	Renault
2C4859	75.79	1.50 **362**	1.75 **401**	3.00 **054 732**					4	
4860	101.60	1.50 **032**	1.50 **126**	3.00 **872 732**					8	GM
2M4860	101.60	1.50 **397**	1.50 **126**	3.00 **872 732**					8	
4862	101.60	1.50 **032**	1.50 **126**	3.00 **872 732**					6	GM
2M4862	101.60	1.50 **397**	1.50 **126**	3.00 **872 732**					6	
4863	75.49	1.50 **032**	1.50 **126**	3.00 **872 732**					4	Skoda
2C4863	75.49	1.50 **363**	1.50 **126**	3.00 **872 732**					4	
2C4864	78.00	2.00 **362**	2.00 **401**	3.00 **054 732**					4	Renault
4865	83.01	2.00 **032**	2.00 **126**	3.00 **054 732**					4	Citroen, Peugeot
2D4865	83.01	2.00 **362**	2.00 **126**	3.00 **204 881**					4	
2M4866	96.49	1.20 **397**	1.50 **126**	2.00 **934 935**					6	GM
2C4867	81.00	1.50 **363**	1.50 **126**	4.00 **058 732**					4	GM, Mazda
2C4868	75.01	1.20 **398**	1.50 **435**	2.80 **996 732**					4	Tata
2M4873	104.39	3.16 **224**	2.52 **227**	3.50 **553 881**					8	Ford
2C4874	73.79	1.20 **398**	1.20 **126**	2.00 **990 732**					4	GM
2C4875	76.00	1.20 **398**	1.50 **126**	3.00 **996 732**					4	Daihatsu
4876	86.00	1.60 **102**	1.75 **126**	3.00 **997 732**					4	Ford European
2C4876	86.00	1.60 **362**	1.75 **126**	3.00 **997 732**					4	
2C4877	107.95	2.38 **363**	2.38 **126**	2.38 **126**	4.75 **860 732**				6	Minneapolis Moline
2C4878	87.33	2.38 **362**	3.18 **126**	4.75 **860 732**					6	Hercules
4879	101.60	2.00 **032**	2.00 **126**	4.00 **872 732**					6	Ford
2M4879	101.60	2.00 **397**	2.00 **126**	4.00 **872 732**					6	
2M4880	87.50	1.50 **335**	1.50 **126**	4.00 **872 732**					4	Chrysler
2C4881	92.00	1.20 **398**	1.50 **401**	2.80 **861 732**					6	Ford

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2D4882	104.39	3.00 **260**	2.00 **129**	3.50 **553 881**					8	Ford
4883	92.99	1.50 **032**	1.50 **126**	3.00 **997 732**					6	Hyundai, Kia, Mitsubishi
2M4883	92.99	1.50 **327**	1.50 **126**	3.00 **997 732**					6	
2C4884	75.49	1.20 **398**	1.50 **126**	2.80 **996 732**					4	Mitsubishi
4885	96.80	1.50 **032**	1.50 **126**	3.00 **872 732**					6	Ford
2M4885	96.80	1.50 **335**	1.50 **126**	3.00 **872 732**					6	
2N4885	96.80	1.50 **322**	1.50 **126**	3.00 **987 714**					6	
2C4886	82.40	1.20 **398**	1.50 **126**	3.00 **054 732**					8	Ford
4887	84.86	1.50 **032**	1.75 **126**	3.00 **054 732**					4	Ford, Ford European
2M4887	84.86	1.50 **327**	1.75 **126**	3.00 **054 732**					4	
2C4888	89.00	1.20 **398**	1.50 **126**	3.00 **872 005**					6	Ford, GM
4889	84.86	1.50 **032**	1.50 **126**	3.00 **054 732**					4	Ford
2M4889	84.86	1.50 **335**	1.50 **126**	3.00 **054 732**					4	
2C4890	95.99	1.20 **398**	1.50 **126**	3.00 **872 732**					6	Chrysler, Dodge, Jeep
2M4890	95.99	1.20 **397**	1.50 **126**	3.00 **872 732**					6	
2C4891	81.99	1.20 **398**	1.50 **126**	3.00 **054 732**					4	GM
2M4892	92.99	1.50 **335**	1.50 **126**	2.80 **861 732**					8	Infiniti
2C4893	92.00	1.20 **398**	1.50 **126**	4.00 **872 005**					6	GM
2M4893	92.00	1.20 **397**	1.50 **126**	4.00 **872 005**					6	
2C4894	92.99	1.20 **398**	1.50 **126**	3.00 **872 732**					8	GM
2C4895	87.00	1.20 **398**	1.50 **126**	3.00 **872 732**					8	GM
2M4896	86.00	1.50 **335**	1.50 **126**	3.00 **997 732**					6	GM
2M4897	98.98	1.50 **397**	1.50 **126**	3.00 **872 732**					8	GM
2C4898	89.99	1.20 **398**	1.50 **126**	3.00 **872 732**					4	GM
2M4898	89.99	1.20 **397**	1.50 **126**	3.00 **872 732**					4	
2C4899	91.49	1.50 **362**	1.50 **126**	2.80 **997 732**					6	Nissan
4900	86.21	1.60 **032**	2.00 **401**	4.00 **056 732**					4	Ford European
2C4900	86.21	1.60 **363**	2.00 **401**	4.00 **056 732**					4	
2C4901	75.01	1.20 **398**	1.20 **126**	2.50 **995 732**					4	GM, Suzuki
2C4902	87.50	1.20 **398**	1.20 **126**	3.00 **997 732**					6	Lexus, Toyota
2C4903	92.00	1.20 **398**	1.50 **126**	3.00 **054 005**					6	Chrysler, GM
2M4907	103.00	1.50 **397**	1.50 **126**	3.00 **054 732**					8	Chrysler, Dodge, Jeep
2C4908	95.00	1.50 **362**	1.50 **126**	4.00 **870 732**					4	Toyota

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2C4909	82.70	1.20 **398**	1.50 **126**	2.00 **934** **935**					4	Renault
4911	93.50	1.50 **032**	1.50 **126**	4.00 **052** **732**					6	Toyota
2C4911	93.50	1.50 **363**	1.50 **126**	4.00 **052** **732**					6	
4912	95.99	1.50 **032**	1.50 **126**	3.00 **054** **732**					4	Ford, Mazda
2C4912	95.99	1.50 **362**	1.50 **126**	3.00 **054** **732**					4	
2M4912	95.99	1.50 **327**	1.50 **126**	3.00 **054** **732**					4	
2D4914	102.01	3.00 **208**	2.35 **135**	4.00 **553** **881**					6	Cummins, Dodge
2M4915	80.98	1.60 **327**	1.60 **126**	4.00 **860** **732**					1	Harley
2M4916	87.33	1.60 **327**	1.60 **126**	4.00 **860** **732**					1	Harley
2M4917	88.85	1.60 **327**	1.60 **126**	4.00 **860** **732**					1	Harley
4918	80.29	1.50 **032**	1.50 **401**	3.00 **054** **005**					6	Mazda
2C4918	80.29	1.50 **363**	1.50 **401**	3.00 **054** **005**					6	
2C4919	75.29	1.00 **398**	1.20 **126**	2.50 **995** **732**					4	Mazda
4921	81.00	1.50 **032**	1.75 **126**	3.00 **054** **732**					6	Volkswagen
2C4921	81.00	1.50 **363**	1.75 **126**	3.00 **054** **732**					6	
4922	81.00	1.75 **032**	2.00 **126**	3.00 **054** **732**					5	Volkswagen
2C4922	81.00	1.75 **362**	2.00 **126**	3.00 **054** **732**					5	
4923	81.00	1.50 **032**	1.75 **126**	2.00 **993** **005**					4	Audi, Volkswagen
2M4923	81.00	1.50 **335**	1.75 **126**	2.00 **993** **005**					4	
2C4924	82.50	1.20 **398**	1.50 **126**	2.00 **934** **935**					6	Audi
4925	98.43	1.50 **032**	1.50 **126**	4.00 **056** **732**					4	Dodge, Jeep
2M4925	98.43	1.50 **327**	1.50 **126**	4.00 **056** **732**					4	
2C4926	81.99	1.50 **362**	1.50 **126**	4.00 **058** **732**					4	Isuzu
2C4927	82.50	1.50 **362**	1.75 **126**	3.00 **997** **732**					1	Audi, Volkswagen
2C4928	83.49	1.20 **398**	1.50 **126**	3.00 **054** **732**					6	Chrysler
4929	107.95	2.00 **032**	2.00 **126**	2.00 **126**	4.75 **872** **732**				8	GM
2C4929	107.95	2.00 **363**	2.00 **126**	2.00 **126**	4.75 **872** **732**				8	
2M4929	107.95	2.00 **397**	2.00 **126**	2.00 **126**	4.75 **872** **732**				8	
4930	94.01	1.50 **032**	1.50 **126**	3.00 **872** **005**					8	Rover
2M4930	94.01	1.50 **327**	1.50 **126**	3.00 **872** **005**					8	
2C4931	92.25	1.20 **398**	1.50 **126**	3.00 **997** **732**					6	Ford European
4932	76.00	1.50 **032**	1.50 **126**	3.00 **054** **732**					4	Fiat
2C4932	76.00	1.50 **362**	1.50 **126**	3.00 **054** **732**					4	

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2C4933	84.99	1.20 **398**	1.50 **126**	2.80 **997 732**					4	Jeep, Mitsubishi
2M4934	90.91	3.00 **345**	2.00 **126**	4.00 **553 881**					5	Mercedes Benz
4935	76.00	1.50 **032**	1.50 **126**	3.00 **872 732**					4	Nissan
2C4935	76.00	1.50 **362**	1.50 **126**	3.00 **872 732**					4	
2C4936	102.01	3.00 **208**	2.35 **135**	4.00 **553 881**					4	Cummins
4937	92.25	1.50 **032**	1.50 **126**	3.00 **872 005**					6	Ford European
2M4937	92.25	1.50 **327**	1.50 **126**	3.00 **872 005**					6	
4938	95.99	2.00 **032**	2.00 **126**	4.00 **056 732**					6	Nissan
2M4938	95.99	2.00 **327**	2.00 **126**	4.00 **056 732**					6	
2D4939	95.99	2.50 **363**	2.00 **126**	4.00 **553 881**					6	Nissan
2M4940	89.99	1.50 **335**	1.20 **126**	2.80 **861 732**					6	Acura
2M4941	98.43	1.50 **337**	1.50 **126**	2.50 **872 005**					2	Harley
2M4942	95.25	1.50 **337**	1.50 **126**	3.00 **872 732**					2	Harley
2C4943	81.99	1.20 **398**	1.20 **126**	2.50 **995 732**					4	Hyundai
2C4944	73.99	1.20 **398**	1.20 **126**	2.50 **995 732**					4	GM, Suzuki
2M4945	93.40	1.50 **327**	1.50 **126**	3.00 **997 732**					6	Honda, Isuzu
2M4946	86.00	1.50 **397**	1.50 **126**	3.00 **054 732**					6	Chrysler
2C4947	78.99	1.20 **398**	1.20 **126**	3.00 **996 732**					4	GM, Toyota
2C4948	87.50	1.20 **398**	1.50 **126**	3.00 **872 732**					4	Chrysler, Dodge
2M4950	96.85	1.60 **327**	1.60 **126**	4.00 **860 732**					1	Harley
4951	83.01	1.50 **102**	1.50 **126**	4.00 **058 732**					4	Nissan
2C4951	83.01	1.50 **362**	1.50 **126**	4.00 **058 732**					4	
2M4953	96.85	1.60 **327**	1.60 **126**	4.75 **860 732**					1	Harley
2D4954	84.51	2.00 **376**	2.00 **126**	3.00 **553 881**					4	Nissan
2M4955	84.00	1.50 **336**	1.50 **126**	3.50 **058 732**					4	Alfa Romeo
2D4956	95.99	2.50 **363**	2.00 **126**	4.00 **553 881**					4	Ford, Nissan
2C4957	99.49	1.20 **398**	1.50 **126**	2.80 **861 732**					4	Subaru
2C4958	76.00	1.50 **362**	2.80 **996 732**						4	Nissan
2C4959	84.00	1.20 **398**	1.50 **126**	2.50 **995 732**					4	GM, Suzuki
2N4959	84.00	1.20 **326**	1.50 **435**	2.50 **987 714**					4	
2C4962	75.01	1.20 **398**	1.50 **435**	3.00 **054 732**					4	Honda, Rover
2C4963	89.51	1.20 **398**	1.50 **126**	2.50 **995 005**					6	GM
4964	80.01	3.00 **102**	3.00 **102**	3.00 **401**	4.00 **058 732**				1	Bendix

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2C4965	119.08	4.75 **362**	4.75 **102**	4.75 **102**	4.75 **401**	4.75 **501 825**			2	John Deere
4967	70.61	2.38 **102**	2.38 **102**	4.75 **870 732**	2.38 **126**	4.75 **501**			2	Bendix
2C4969	86.00	1.20 **398**	1.20 **126**	2.80 **997 732**					4	Acura, Honda
2C4971	86.00	1.20 **398**	1.20 **126**	2.80 **997 732**					6	Acura, Honda
2C4972	89.00	1.20 **398**	1.20 **126**	2.80 **997 732**					6	Acura, GM, Honda
2C4973	84.00	1.20 **398**	1.20 **126**	2.80 **997 732**					4	Honda
2N4973	84.00	1.20 **326**	1.20 **126**	2.80 **997 732**					4	
2C4974	75.01	1.00 **398**	1.20 **126**	2.80 **996 732**					4	Honda
2D4975	101.04	3.00 **372**	2.00 **130**	4.00 **553 881**					8	GM
2M4976	88.49	1.50 **335**	1.75 **126**	3.00 **054 732**					6	Mercedes Benz
4977	76.99	1.50 **032**	1.50 **401**	2.00 **993 005**					4	Ford, Volkswagen
2C4977	76.99	1.50 **363**	1.50 **401**	2.00 **993 005**					4	
2M4978	95.99	1.50 **397**	1.50 **126**	3.00 **872 732**					8	GM
2C4979	89.00	1.20 **398**	1.50 **126**	3.00 **997 732**					6	GM
2M4979	89.00	1.20 **397**	1.50 **126**	3.00 **997 732**					6	
2C4980	84.00	1.20 **398**	1.20 **126**	2.50 **995 732**					6	Hyundai
2D4981	76.99	2.00 **363**	1.75 **102**	3.00 **553 881**					4	Citroen, Peugeot
2C4984	81.99	1.20 **398**	1.50 **126**	2.50 **995 732**					4	GM
2M4985	98.43	1.60 **327**	1.60 **126**	4.75 **860 732**					2	Harley
2M4987	84.86	1.50 **335**	1.75 **130**	3.00 **054 732**					4	Ford
4988	73.99	1.50 **032**	1.75 **401**	3.00 **054 732**					4	Mazda, Renault
2C4988	73.99	1.50 **362**	1.75 **401**	3.00 **054 732**					4	
2D4989	86.00	2.00 **335**	2.00 **435**	3.00 **553 881**					4	Mazda
4990	82.70	1.50 **032**	1.75 **401**	3.00 **054 732**					4	Renault, Volvo
2C4990	82.70	1.50 **362**	1.75 **401**	3.00 **054 732**					4	
2C4991	84.86	1.20 **398**	1.75 **126**	3.00 **054 732**					4	Ford, Ford European
2C4992	84.86	1.20 **398**	1.50 **126**	2.50 **995 732**					4	Ford, Ford European
2C4993	81.00	1.20 **398**	1.75 **126**	3.00 **054 732**					5	Volvo
2C4994	78.00	1.20 **398**	1.50 **126**	2.50 **533 732**					4	Suzuki
2C4995	68.99	1.50 **363**	1.50 **126**	2.50 **995 732**					4	Renault
2C4996	86.00	1.20 **398**	1.50 **435**	3.00 **054 732**					6	GM
2C4997	92.99	1.75 **363**	2.00 **126**	3.00 **997 732**					4	Saab
2C4998	94.01	1.20 **398**	1.50 **126**	3.00 **872 005**					8	Rover

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
4999	95.00	1.50 **032**	1.50 **126**	4.00 **856 732**					4	Toyota
2M4999	95.00	1.50 **335**	1.50 **126**	4.00 **856 732**					4	
2C5005	86.00	1.20 **398**	1.20 **126**	3.00 **997 732**					4	Toyota
2C5006	87.00	1.20 **398**	1.20 **126**	3.00 **997 732**					4	Toyota
2N5006	87.00	1.20 **398**	1.20 **435**	3.00 **987 714**					4	
5013	70.00	1.50 **032**	1.50 **126**	3.00 **054 732**					4	Fiat, Peugeot
2C5013	70.00	1.50 **363**	1.50 **126**	3.00 **054 732**					4	
2M5014	92.99	1.50 **335**	1.50 **126**	3.00 **872 732**					6	Chrysler, Dodge
2M5015	70.49	1.50 **335**	1.50 **126**	3.00 **996 732**					4	Toyota
2C5016	83.01	2.00 **370**	2.00 **126**	3.00 **054 732**					4	Toyota
2M5017	94.01	1.50 **335**	1.50 **126**	4.00 **856 732**					8	Lexus, Toyota
2C5018	90.20	1.20 **398**	1.50 **126**	3.00 **872 732**					8	Ford
5019	77.24	1.60 **032**	2.00 **401**	4.00 **056 732**					4	Ford European
2M5019	77.24	1.60 **327**	2.00 **401**	4.00 **056 732**					4	
2D5020	81.00	1.50 **327**	1.50 **401**	2.00 **203 881**					6	Audi, Volkswagen
5021	75.01	1.50 **032**	1.50 **435**	2.50 **995 732**					4	Peugeot, Volkswagen
2C5021	75.01	1.50 **363**	1.50 **435**	2.50 **995 732**					4	
2C5022	76.50	1.50 **362**	1.50 **401**	2.50 **995 732**					4	Volkswagen
2C5024	92.99	1.20 **398**	1.50 **126**	2.50 **995 732**					8	GM
2C5025	73.99	1.20 **398**	1.20 **126**	3.00 **996 732**					2	John Deere
2M5026	78.00	1.50 **327**	1.75 **401**	3.50 **058 732**					4	Alfa Romeo
2C5027	92.00	1.20 **398**	1.50 **126**	3.00 **054 005**					4	Subaru
2C5028	95.25	3.18 **362**	3.18 **126**	3.18 **126**	4.75 **860 732**				6	Buda, International, Massey Ferguson, Oliver, Waukesha
5030	75.01	2.00 **102**	2.00 **401**	4.00 **058 732**					1	Bendix
5032	80.01	1.50 **102**	1.50 **102**	3.00 **054 732**					1	Bendix, Kohler
2C5039	68.50	1.20 **398**	1.50 **126**	2.80 **859 732**					3	Daewoo, Suzuki
2D5040	94.49	2.00 **336**	2.00 **126**	3.00 **553 881**					4	Kia
2D5042	91.11	2.00 **336**	2.00 **126**	3.00 **553 881**					4	Hyundai
2D5043	86.00	2.50 **372**	2.50 **401**	3.00 **204 881**					4	Renault
5044	69.72	2.38 **102**	2.38 **102**	3.18 **501**					2	Harley
5046	83.01	1.75 **032**	1.75 **126**	4.00 **056 732**					4	Peugeot
2C5046	83.01	1.75 **362**	1.75 **126**	4.00 **056 732**					4	
2C5047	90.50	2.38 **362**	3.18 **126**	3.18 **126**	4.75 **860 732**				6	GM, International

PART NUMBER	CYL DIA	1ST GROOVE		2ND GROOVE		3RD GROOVE		4TH GROOVE		5TH GROOVE		6TH GROOVE		7TH GROOVE		NO OF CYL	POPULAR APPLICATIONS
5049	100.03	2.38	**032**	2.00	**126**	4.75	**872** **732**									8	GM
2C5049	100.03	2.38	**363**	2.00	**126**	4.75	**872** **732**									8	
2M5049	100.03	2.38	**327**	2.00	**126**	4.75	**872** **732**									8	
2C5051	70.00	1.20	**398**	1.20	**126**	2.50	**995** **732**									4	Fiat
2C5052	70.79	1.20	**398**	1.20	**126**	2.50	**995** **732**									4	Fiat
2C5054	99.49	2.00	**370**	1.50	**126**	4.00	**553** **881**									4	Toyota
2C5056	95.00	2.36	**372**	2.00	**126**	4.00	**553** **881**									4	Mitsubishi
2D5058	84.99	2.00	**376**	2.00	**126**	4.00	**553** **881**									6	Nissan
2C5059	68.00	1.20	**398**	1.50	**126**	3.00	**996** **732**									4	Kia
5060	82.55	3.18	**032**	3.18	**126**	4.75	**860** **732**									4	Allis Chalmers, Hercules, John Deere, Kermath,
2C5060	82.55	3.18	**362**	3.18	**126**	4.75	**860** **732**									4	Le Roi, Massey Ferguson, Waukesha
5063	87.33	3.18	**032**	3.18	**126**	3.18	**126**	4.75	**860** **732**							4	Allis Chalmers, Buda
2C5063	87.33	3.18	**362**	3.18	**126**	3.18	**126**	4.75	**860** **732**							4	
5064	96.85	3.18	**032**	3.18	**126**	3.18	**126**	4.75	**860** **732**							6	Buda
2C5064	96.85	3.18	**362**	3.18	**126**	3.18	**126**	4.75	**860** **732**							6	
5065	86.00	1.50	**032**	1.75	**126**	3.00	**054** **732**									4	Peugeot
2M5065	86.00	1.50	**397**	1.75	**126**	3.00	**054** **732**									4	
5068	75.01	1.75	**032**	2.00	**126**	3.00	**054** **732**									4	Peugeot
2C5068	75.01	1.75	**362**	2.00	**126**	3.00	**054** **732**									4	
2M5069	88.82	1.20	**397**	1.50	**126**	2.50	**872** **005**									1	Harley
2M5070	89.89	1.50	**327**	1.75	**126**	3.00	**054** **732**									2	Mercedes Benz
2C5071	95.50	1.75	**362**	2.00	**126**	3.50	**058** **732**									4	Mercedes Benz
2C5074	82.91	1.50	**362**	1.75	**126**	3.00	**054** **732**									6	Mercedes Benz
5075	80.98	2.00	**032**	2.00	**126**	4.75	**860** **732**									8	Ford
5076	75.01	1.50	**032**	1.50	**435**	3.00	**054** **732**									4	Opel
2C5076	75.01	1.50	**363**	1.50	**435**	3.00	**054** **732**									4	
2C5077	89.00	1.20	**398**	1.50	**126**	2.50	**872** **005**									6	Ford, Mazda
2M5080	101.60	1.50	**327**	1.50	**126**	2.50	**872** **732**									1	Harley
2C5083	68.50	1.50	**362**	1.50	**126**	2.80	**859** **732**									4	Suzuki
5084	92.00	2.00	**032**	2.00	**401**	5.00	**860** **732**									6	Opel
2C5084	92.00	2.00	**362**	2.00	**401**	5.00	**860** **732**									6	

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
5085	107.95	2.00 **032**	2.00 **126**	4.00 **872 732**					8	GM
2C5085	107.95	2.00 **363**	2.00 **126**	4.00 **872 732**					8	
2M5085	107.95	2.00 **397**	2.00 **126**	4.00 **872 732**					8	
2C5086	75.01	1.75 **362**	2.00 **401**	3.00 **054 732**					4	Audi, Volkswagen
2C5087	81.99	1.20 **398**	1.20 **126**	3.00 **997 732**					4	GM, Toyota
2C5089	86.00	1.20 **398**	1.20 **126**	2.00 **993 005**					4	Acura, Honda, Toyota
2C5090	88.49	1.20 **398**	1.20 **126**	2.00 **991 005**					4	Toyota
2N5090	88.49	1.20 **322**	1.20 **435**	2.00 **987 714**					4	
2C5091	75.01	1.20 **398**	1.20 **126**	2.00 **993 005**					4	Toyota
2N5091	75.01	1.20 **322**	1.20 **435**	2.00 **987 714**					4	
2M5094	86.00	1.50 **397**	1.50 **126**	3.00 **872 732**					6	Chrysler
2C5095	81.00	1.20 **398**	1.50 **126**	2.00 **934 935**					4	Volkswagen
5097	99.49	1.50 **032**	1.50 **126**	3.00 **997 732**					8	Chrysler, Dodge, Jeep
2M5097	99.49	1.50 **397**	1.50 **126**	3.00 **997 732**					8	
2C5099	89.00	1.20 **398**	1.20 **126**	2.50 **995 732**					4	Nissan, Suzuki
2C5102	87.33	3.18 **362**	3.18 **126**	3.18 **126**	4.75 **501 825**	4.75 **501**			6	Allis Chalmers, Buda
2C5104	81.48	1.20 **398**	1.50 **126**	2.80 **997 732**					4	Hyundai
5106	87.33	2.38 **032**	3.18 **126**	3.18 **126**	4.75 **860 732**	4.75 **501**			6	Buda
2C5106	87.33	2.38 **362**	3.18 **126**	3.18 **126**	4.75 **860 732**	4.75 **501**			6	
5107	89.00	1.50 **032**	1.50 **126**	3.00 **872 005**					6	Ford
2M5107	89.00	1.50 **397**	1.50 **126**	3.00 **872 005**					6	
2C5109	84.00	1.20 **398**	1.50 **126**	2.50 **995 732**					6	Suzuki
2C5111	75.01	1.00 **398**	1.20 **126**	2.00 **993 005**					4	Honda
2C5112	95.50	1.20 **398**	1.20 **126**	2.50 **995 732**					6	Infiniti, Nissan
2C5114	92.25	1.20 **398**	1.50 **126**	2.50 **995 732**					6	Ford European
2C5115	78.00	1.20 **398**	1.50 **126**	3.00 **054 732**					4	Mazda
2C5117	88.90	3.18 **362**	3.18 **126**	3.18 **126**	4.75 **860 732**				4	Allis Chalmers, Case, Oliver, Wisconsin
2C5118	75.01	0.80 **398**	1.00 **123**	1.50 **981 005**					4	Toyota
5119	76.02	1.60 **102**	1.60 **102**	3.18 **501**					2	Triumph
2M5120	90.98	1.50 **335**	1.50 **126**	3.00 **872 732**					6	Jaguar
5123	82.55	2.38 **032**	2.38 **126**	2.38 **126**	4.75 **860 732**				2	Wisconsin
2C5123	82.55	2.38 **362**	2.38 **126**	2.38 **126**	4.75 **860 732**				2	
2C5125	87.50	1.20 **398**	1.50 **126**	2.50 **995 732**					4	Chrysler
2C5127	87.33	2.38 **362**	2.38 **126**	4.75 **860 732**					6	Hercules
2M5129	104.80	1.20 **397**	1.20 **406**	2.00 **991 005**					8	GM
2C5130	86.00	1.20 **398**	1.50 **126**	2.50 **995 732**					4	GM, Saab, Suzuki
2N5130	86.00	1.20 **322**	1.50 **435**	2.50 **995 732**					4	
2C5131	87.50	1.20 **398**	1.50 **126**	2.50 **995 732**					6	GM
2C5133	94.01	1.20 **398**	1.50 **126**	2.50 **995**					6	GM

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
				732						
2M5133	94.01	1.20 **397**	1.50 **126**	2.50 **995**					6	
				732						
2C5134	92.00	1.20 **398**	1.20 **126**	2.50 **995**					4	Subaru
				732						
2C5135	79.50	1.20 **398**	1.50 **126**	2.50 **995**					4	Nissan
				732						
2C5136	65.99	1.20 **398**	1.20 **126**	2.50 **995**					4	Hyundai
				732						
2C5137	92.99	1.20 **398**	1.50 **126**	2.50 **995**					4	GM
				732						
2C5139	92.99	1.20 **398**	1.50 **126**	2.50 **995**					5	GM
				732						
2M5139	92.99	1.20 **397**	1.50 **126**	2.50 **995**					5	
				732						
2C5140	99.49	1.20 **398**	1.20 **126**	2.50 **995**					4	Subaru
				732						
2M5141	99.49	1.20 **397**	1.20 **126**	2.00 **989**					8	Chrysler, Dodge, Jeep
				732						
2C5142	86.00	1.20 **398**	1.50 **126**	2.50 **995**					8	Ford
				732						
2C5143	80.01	1.20 **398**	1.20 **126**	2.50 **995**					4	Nissan
				732						
2C5144	82.04	1.20 **398**	1.50 **126**	2.00 **993**					4	Ford
				005						
2M5145	89.00	1.50 **397**	2.00 **126**	3.50 **056**					6	BMW
				732						
2C5146	87.60	1.20 **398**	1.00 **123**	2.00 **990**					6	Mitsubishi
				732						
2C5147	87.00	1.20 **398**	1.20 **126**	2.00 **993**					4	Acura, Honda
				005						
2C5148	87.00	1.20 **398**	1.20 **126**	2.00 **990**					4	Mitsubishi
				732						
5149	76.20	2.38 **102**	2.38 **102**	2.38 **401**	4.75 **871**				1	Wisconsin
					732					
2C5150	84.86	1.20 **398**	1.50 **126**	3.00 **054**					4	Ford
				732						
2C5151	94.01	1.20 **398**	1.20 **126**	2.00 **991**					6	Toyota
				005						
2M5153	103.12	1.50 **337**	1.50 **126**	2.50 **872**					1	Harley
				732						
2C5154	76.50	1.20 **398**	1.20 **126**	2.50 **995**					4	Hyundai, Kia
				732						
2C5156	101.60	2.38 **363**	3.18 **126**	3.18 **126**	6.35 **860**				6	Chrysler, Dodge
					732					
2M5157	104.78	1.50 **336**	1.50 **126**	3.00 **621**					2	Harley
				005						
2C5158	87.50	1.20 **398**	1.20 **126**	2.50 **995**					4	Ford, Mazda
				732						
2N5158	87.50	1.20 **326**	1.20 **126**	2.50 **987**					4	
				714						
2C5159	76.99	1.20 **398**	1.20 **126**	2.50 **995**					4	BMW
				732						
2C5160	81.58	1.20 **398**	1.50 **126**	3.00 **054**					6	Ford, Mazda
				732						

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
5161	95.00	1.75 **032**	1.50 **126**	3.50 **058 732**					4	Opel
2C5161	95.00	1.75 **362**	1.50 **126**	3.50 **058 732**					4	
2C5162	89.00	1.20 **398**	1.20 **126**	2.50 **995 732**					4	Ford
2C5163	87.00	2.00 **362**	2.00 **126**	3.00 **054 732**					1	Mercedes Benz
2M5165	92.99	1.20 **397**	1.50 **126**	2.50 **995 732**					8	Chrysler, Dodge, Jeep
2C5167	96.90	1.20 **398**	1.20 **126**	2.50 **995 732**					4	Subaru
2M5168	87.50	1.50 **397**	1.50 **126**	2.00 **993 005**					4	Mazda
2C5169	95.00	1.20 **398**	1.20 **126**	2.00 **991 005**					6	Mitsubishi
2M5170	101.60	1.20 **397**	1.50 **126**	2.50 **995 732**					8	GM
5172	76.20	2.38 **102**	2.38 **102**	3.18 **102**	4.75 **501 825**				2	Onan
2C5173	81.48	1.20 **398**	1.20 **126**	2.50 **995 732**					4	Mitsubishi
2C5177	76.50	1.20 **398**	1.50 **401**	2.50 **995 732**					4	Daewoo, Hyundai, Volkswagen
2C5179	87.00	1.20 **398**	1.20 **126**	2.50 **995 732**					4	Acura
2C5182	76.00	1.20 **398**	1.20 **126**	2.50 **995 732**					4	Mitsubishi
2C5183	92.00	1.20 **398**	1.20 **126**	3.00 **997 732**					6	Lexus, Toyota
2C5184	75.49	1.20 **398**	1.20 **126**	2.50 **934 732**					4	Kia
2C5185	80.49	1.20 **398**	1.20 **126**	2.00 **993 005**					4	GM, Opel
2C5186	92.99	1.20 **398**	1.20 **126**	2.50 **995 732**					8	Infiniti
2C5187	100.41	1.20 **398**	1.50 **126**	3.00 **054 732**					6	Ford
5188	97.99	1.50 **032**	1.50 **126**	2.50 **995 732**					8	Infiniti, Nissan
2M5188	97.99	1.50 **327**	1.50 **126**	2.50 **995 732**					8	
2C5189	72.01	1.20 **398**	1.20 **126**	2.50 **995 732**					3	Daihatsu, GM
5193	87.33	2.38 **032**	2.38 **126**	4.75 **501**					2	Harley
2C5193	87.33	2.38 **362**	2.38 **126**	4.75 **860 732**					2	
5194	80.59	1.50 **032**	1.60 **126**	2.50 **995 732**					4	Ford
2C5194	80.59	1.50 **363**	1.60 **126**	2.50 **995 732**					4	
2C5196	77.39	1.20 **398**	1.20 **126**	2.50 **995 732**					4	Hyundai
5200	81.58	1.50 **032**	1.50 **401**	3.00 **054 732**					4	Opel
2C5200	81.58	1.50 **363**	1.50 **401**	3.00 **054 732**					4	
5201	81.51	1.50 **032**	1.50 **126**	4.00 **058 732**					4	Nissan
2C5203	84.99	1.20 **398**	1.50 **126**	2.00 **993 005**					4	BMW
2C5205	68.68	1.20 **398**	1.50 **401**	2.00 **989 732**					4	Ford
2M5206	107.95	1.50 **336**	1.50 **126**	3.00 **872 005**					2	Harley
2C5207	67.11	1.00 **398**	1.00 **123**	1.50 **981 005**					4	Volkswagen
2C5209	101.60	2.38 **363**	2.38 **126**	2.38 **126**	4.75 **860 732**				6	GM
2C5211	92.00	1.20 **398**	1.50 **401**	2.00 **991 005**					8	BMW
2C5213	101.60	2.38 **362**	3.18 **126**	4.75 **860 732**					6	Hercules
2C5215	95.50	1.20 **398**	1.50 **126**	2.50 **995 732**					5	GM
2C5218	77.60	1.20 **398**	1.50 **401**	2.00 **993**					4	Opel

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
				005						
2C5219	99.49	1.20 **398**	1.20 **126**	2.00 **989**					4	Subaru
				732						
2C5221	80.01	1.20 **398**	1.50 **401**	2.50 **995**					6	Kia
				732						
2C5223	84.00	1.20 **398**	1.20 **126**	2.00 **993**					4	Nissan
				005						
2C5225	89.00	1.00 **398**	1.20 **126**	1.50 **981**					6	GM
				005						
2M5227	92.99	1.20 **397**	1.50 **126**	2.50 **995**					6	GM
				732						
2C5228	87.99	1.20 **398**	1.50 **126**	2.50 **995**					4	GM
				732						
2C5236	95.50	1.20 **398**	1.50 **126**	2.50 **995**					4	GM
				732						
2C5239	86.00	1.20 **398**	1.50 **126**	2.00 **993**					6	BMW
				005						
2C5245	81.58	1.50 **363**	1.50 **401**	3.00 **054**					4	GM
				732						
5247	80.49	1.50 **032**	1.75 **401**	3.00 **054**					4	Fiat
				732						
2C5247	80.49	1.50 **362**	1.75 **401**	3.00 **054**					4	
				732						
5248	76.00	1.50 **032**	1.60 **102**	2.50 **995**					4	Ford
				732						
2C5248	76.00	1.50 **362**	1.60 **102**	2.50 **995**					4	
				732						
2C5250	67.01	1.20 **398**	1.20 **126**	2.80 **999**					4	Hyundai
				732						
2C5251	72.01	1.50 **363**	1.50 **126**	3.00 **054**					4	Opel
				732						
2C5252	72.49	1.20 **398**	1.20 **126**	2.00 **990**					4	GM
				732						
2C5253	73.00	1.00 **398**	1.20 **610**	2.00 **990**					4	Honda
				732						
5254	80.49	1.50 **032**	2.00 **126**	4.00 **056**					4	Fiat
				732						
2C5255	94.46	2.38 **363**	2.38 **126**	2.38 **126**	4.75 **860**				6	GM
					732					
2C5257	90.50	2.38 **362**	2.38 **126**	2.38 **126**	4.75 **860**				6	GM
					732					
2C5259	73.94	1.20 **398**	1.50 **126**	2.00 **993**					4	Ford European
				732						
2C5260	92.00	1.20 **398**	1.20 **126**	2.00 **991**					6	Hyundai, Kia
				005						
2C5261	95.00	1.20 **398**	1.20 **126**	2.00 **991**					4	Toyota
				005						
2C5263	87.33	2.38 **362**	3.18 **126**	4.75 **860**	4.75 **501**				6	Hercules, Kermath
				732						
5264	71.50	1.50 **032**	1.50 **126**	3.00 **054**					4	Hyundai
				732						
2C5264	71.50	1.50 **362**	1.50 **126**	3.00 **054**					4	
				732						
2C5265	86.69	1.20 **398**	1.20 **126**	2.50 **995**					6	Hyundai, Kia
				732						
2C5266	72.01	1.20 **398**	1.20 **126**	2.00 **990**					4	Daihatsu, Fiat, Toyota
				732						

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2C5267	88.49	1.00 **398**	1.00 **123**	2.00 **991 005**					4	Lexus, Toyota
2C5269	81.58	1.50 **363**	1.50 **401**	3.00 **997 732**					2	Opel
2C5270	98.98	1.20 **398**	1.50 **126**	2.50 **995 732**					6	GM
2C5273	68.50	1.20 **398**	1.20 **126**	2.50 **995 732**					1	Daewoo
2M5275	103.25	1.50 **397**	1.20 **406**	2.00 **991 005**					8	GM
2C5276	71.07	1.20 **398**	1.50 **126**	2.00 **989 732**					4	GM
5277	85.50	1.75 **202**	2.00 **406**	5.00 **553 881**					4	Volkswagen
2C5278	89.99	1.20 **398**	1.20 **126**	2.50 **995 732**					4	Suzuki
2C5280	90.50	2.38 **362**	3.18 **126**	4.75 **860 732**					6	International
5281	86.00	1.75 **032**	1.50 **126**	4.00 **058 732**					4	Toyota
2C5282	87.50	1.20 **398**	1.20 **126**	2.00 **993 005**					4	Ford, Jaguar, Rover, Volvo
2N5282	87.50	1.20 **326**	1.20 **126**	2.00 **993 005**					4	
2C5283	88.80	1.50 **362**	1.50 **126**	3.00 **054 732**					6	Opel
2M5285	99.59	1.20 **397**	1.50 **126**	2.50 **995 732**					6	GM
2D5287	98.20	2.50 **208**	2.00 **129**	2.50 **203 881**					8	Ford
5289	78.00	1.50 **032**	1.50 **126**	3.00 **996 732**					6	Mazda
2C5289	78.00	1.50 **363**	1.50 **126**	3.00 **996 732**					6	
2M5292	103.25	1.50 **336**	1.50 **406**	2.50 **985 732**					8	GM
2C5293	95.50	1.20 **398**	1.20 **126**	2.00 **991 005**					6	Infiniti, Nissan
2C5294	76.50	1.20 **398**	1.50 **401**	2.50 **995 732**					4	Volkswagen
2C5296	92.00	1.50 **363**	1.50 **401**	2.00 **991 005**					8	BMW, Rover
2M5296	92.00	1.50 **335**	1.50 **126**	2.00 **991 005**					8	
2C5297	87.99	1.20 **398**	1.20 **126**	2.00 **993 005**					4	Chrysler, Hyundai, Jeep, Kia, Mitsubishi
2C5298	67.01	1.20 **398**	1.20 **126**	2.00 **989 732**					4	Hyundai
2N5298	67.01	1.20 **322**	1.20 **435**	2.00 **987 714**					4	
2M5299	101.60	1.20 **397**	1.20 **406**	2.50 **872 732**					2	Harley
5300	80.49	1.50 **032**	1.50 **401**	4.00 **058 732**					4	Toyota
2C5301	78.99	1.20 **398**	1.50 **126**	3.00 **054 732**					4	GM
2C5302	86.00	1.20 **398**	1.50 **126**	2.00 **993 005**					8	Land Rover
2C5303	84.51	1.20 **398**	1.20 **610**	2.00 **993 005**					6	Jaguar, Land Rover
2M5304	92.89	1.50 **336**	1.75 **126**	2.50 **985 732**					6	Mercedes Benz
2D5306	110.01	3.50 **208**	3.00 **277**	4.00 **560 881**					6	Caterpillar
2N5307	72.21	1.20 **326**	1.50 **410**	2.00 **993 714**					1	Dacia, Nissan, Renault, Smart

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2D5308	92.99	2.50 **215**	2.00 **257**	3.00 **553 881**					4	Ford European, Mazda
2D5309	91.11	2.00 **322**	2.00 **236**	3.00 **553 881**					4	Hyundai
2C5310	78.00	1.20 **398**	1.20 **126**	2.50 **995 732**					4	Mazda
2C5311	95.25	2.38 **362**	2.38 **126**	4.75 **860 732**					1	Kohler
2N5312	74.50	1.20 **322**	1.20 **275**	2.00 **990 714**					1	Audi, Seat, Skoda, Volkswagen
2N5313	73.00	1.00 **326**	1.20 **435**	2.00 **993 714**					4	Suzuki
2C5316	83.01	1.20 **398**	1.20 **126**	2.50 **995 732**					4	Ford
2C5319	98.43	3.18 **372**	2.38 **126**	4.75 **860 732**					4	International
5325	90.98	3.00 **032**	2.00 **126**	4.00 **553 881**					4	Mercedes Benz
2M5325	90.98	3.00 **345**	2.00 **126**	4.00 **553 881**					4	
2C5343	142.88	3.18 **363**	3.18 **102**	3.18 **102**	6.35 **501 825**	6.35 **501**			1	Buda
2C5360	90.50	2.38 **362**	2.38 **126**	4.75 **860 732**					2	Onan
5364	92.00	2.00 **032**	2.00 **401**	4.00 **056 732**					4	Subaru, Volkswagen
2C5364	92.00	2.00 **362**	2.00 **401**	4.00 **056 732**					4	
2M5364	92.00	2.00 **327**	2.00 **401**	4.00 **056 732**					4	
5373	93.75	1.75 **032**	2.50 **126**	4.00 **860 732**					4	Mercedes Benz
2C5373	93.75	1.75 **363**	2.50 **126**	4.00 **860 732**					4	
2D5374	95.00	2.30 **378**	2.00 **129**	3.50 **553 881**					8	Ford
5376	83.01	2.50 **032**	2.50 **126**	3.00 **054 732**					2	Kohler
2M5378	103.00	1.50 **397**	1.50 **406**	3.00 **054 732**					10	Chrysler, Dodge
2M5379	103.99	1.20 **397**	1.20 **406**	2.00 **934 935**					8	Chrysler, Dodge, Jeep
2M5380	96.01	1.20 **397**	1.50 **126**	2.50 **934 005**					8	GM
2M5381	103.25	1.20 **397**	1.50 **406**	2.50 **985 732**					8	GM
2C5382	82.50	1.00 **398**	1.20 **126**	1.50 **981 005**					4	Audi, Volkswagen
2C5384	86.69	1.20 **398**	1.20 **435**	2.00 **993 732**					6	Hyundai, Kia
2C5385	82.50	1.20 **398**	1.20 **126**	2.00 **993 005**					4	Audi, Seat, Skoda, Volkswagen
2N5385	82.50	1.20 **322**	1.20 **406**	2.00 **248 881**					4	
2C5389	71.50	1.20 **398**	1.20 **435**	2.00 **993 005**					4	Hyundai, Kia
2C5391	76.50	1.20 **398**	1.50 **126**	2.00 **993 005**					4	Audi, Seat, Skoda, Volkswagen
2N5391	76.50	1.20 **322**	1.50 **126**	2.00 **987 714**					4	
2C5392	72.49	1.00 **398**	1.00 **123**	2.00 **990 732**					4	Toyota
2C5393	78.00	1.20 **398**	1.20 **126**	2.00 **990 732**					3	Nissan
2C5395	80.49	1.20 **398**	1.00 **123**	2.00 **993 005**					4	Toyota

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2M5433	103.91	1.50 **397**	1.20 **406**	2.00 **991** **732**					8	Chrysler, Dodge
2C5438	76.50	1.20 **398**	1.20 **126**	2.00 **993** **005**					4	Audi, Seat, Skoda, Volkswagen
2N5438	76.50	1.20 **322**	1.20 **126**	2.00 **993** **005**					4	
5462	94.01	2.00 **032**	2.50 **126**	4.00 **860** **732**					6	Toyota
2C5462	94.01	2.00 **362**	2.50 **126**	4.00 **860** **732**					6	
2M5462	94.01	2.00 **327**	2.50 **126**	4.00 **860** **732**					6	
2C5466	95.25	2.38 **362**	2.38 **126**	4.75 **860** **732**					1	Wisconsin
5474	96.52	2.00 **032**	2.00 **126**	4.75 **860** **732**					6	GM
2C5474	96.52	2.00 **362**	2.00 **126**	4.75 **860** **732**					6	
2M5474	96.52	2.00 **327**	2.00 **126**	4.75 **860** **732**					6	
5477	93.24	2.00 **032**	2.00 **126**	4.75 **860** **732**					8	GM
2C5477	93.24	2.00 **362**	2.00 **126**	4.75 **860** **732**					8	
2M5477	93.24	2.00 **327**	2.00 **126**	4.75 **860** **732**					8	
2C5480	97.00	3.00 **361**	3.00 **032**	3.00 **401**	5.50 **553**	5.50 **881** **501**			2	Ford, Hanomag, Mercedes Benz, Toyota
2D5480	97.00	3.00 **227**	3.00 **035**	3.00 **414**	5.50 **553**	5.50 **501**			2	
5485	102.87	2.38 **032**	2.00 **126**	4.75 **860** **732**					8	Ford
2C5485	102.87	2.38 **363**	2.00 **126**	4.75 **860** **732**					8	
2M5485	102.87	2.38 **327**	2.00 **126**	4.75 **860** **732**					8	
5486	89.99	2.00 **032**	2.00 **126**	2.00 **126**	4.50 **860** **732**				4	Peugeot
2D5486	89.99	2.00 **362**	2.00 **126**	2.00 **126**	4.50 **553** **881**				4	
5490	92.00	1.75 **032**	2.50 **126**	4.00 **860** **732**					8	Mercedes Benz
2C5490	92.00	1.75 **362**	2.50 **126**	4.00 **860** **732**					8	
5497	87.00	1.75 **032**	2.00 **126**	4.00 **056** **732**					4	Saab
5499	94.89	2.00 **032**	2.00 **126**	4.75 **860** **732**					8	Checker, GM
2C5499	94.89	2.00 **362**	2.00 **126**	4.75 **860** **732**					8	
2M5499	94.89	2.00 **397**	2.00 **126**	4.75 **860** **732**					8	
2M5542	105.79	1.60 **336**	1.60 **126**	4.75 **622** **732**					8	American Motors
2C5557	122.00	3.50 **372**	3.00 **102**	3.00 **102**	5.50 **565** **881**				6	Fiat
SC5558	75.01	1.20 **398**	1.50 **435**	2.80 **859** **732**					4	Honda
2C5559	98.43	3.18 **372**	3.18 **126**	3.18 **126**	4.75 **565** **881**				4	International
5560	99.31	2.00 **032**	2.00 **126**	4.75 **860** **732**					6	Chrysler, Dodge
2C5560	99.31	2.00 **362**	2.00 **126**	4.75 **860** **732**					6	
2M5560	99.31	2.00 **327**	2.00 **126**	4.75 **860** **732**					6	

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
5562	89.99	1.75 **032**	2.00 **401**	4.00 **860** **732**					4	Saab
2C5562	89.99	1.75 **362**	2.00 **401**	4.00 **860** **732**					4	
2C5564	90.98	3.00 **362**	2.00 **126**	4.00 **553** **881**					1	Mercedes Benz
5568	103.68	2.00 **032**	2.00 **126**	4.75 **860** **732**					8	GM
2C5568	103.68	2.00 **362**	2.00 **126**	4.75 **860** **732**					8	
2M5568	103.68	2.00 **345**	2.00 **126**	4.75 **860** **732**					8	
5570	101.60	2.00 **032**	2.00 **126**	4.75 **860** **732**					4	American Motors, GM, Jeep, Mercruiser
2C5570	101.60	2.00 **362**	2.00 **126**	4.75 **860** **732**					4	
2M5570	101.60	2.00 **397**	2.00 **126**	4.75 **860** **732**					4	
SC5572	81.00	1.00 **398**	1.20 **126**	2.80 **861** **732**					4	Honda
5573	83.01	1.50 **032**	1.50 **126**	3.00 **054** **732**					4	Mazda
2C5573	83.01	1.50 **376**	1.50 **126**	3.00 **054** **732**					4	
5586	95.50	2.00 **032**	2.00 **126**	4.75 **860** **732**					6	Chrysler
2C5586	95.50	2.00 **362**	2.00 **126**	4.75 **860** **732**					6	
2C5591	86.49	2.00 **362**	2.00 **401**	4.00 **056** **732**					4	Opel
5594	94.01	1.75 **032**	2.00 **126**	4.00 **860** **732**					4	Volkswagen
2C5594	94.01	1.75 **362**	2.00 **126**	4.00 **860** **732**					4	
5595	91.11	2.00 **032**	2.00 **126**	4.00 **870** **732**					4	Chrysler, Dodge, Mitsubishi
2C5595	91.11	2.00 **362**	2.00 **126**	4.00 **870** **732**					4	
2M5595	91.11	2.00 **327**	2.00 **126**	4.00 **870** **732**					4	
2C5603	114.99	3.50 **361**	3.00 **401**	5.50 **565** **881**					6	Mercedes Benz
2M5612	96.52	2.00 **336**	2.00 **126**	4.75 **860** **732**					6	GM
2M5613	95.99	2.00 **336**	2.00 **126**	4.75 **860** **732**					4	Ford
5614	96.52	2.00 **032**	2.00 **126**	4.75 **872** **732**					8	GM
2M5614	96.52	2.00 **327**	2.00 **126**	4.75 **872** **732**					8	
5615	101.60	2.00 **032**	2.00 **126**	4.75 **872** **732**					8	GM
2C5615	101.60	2.00 **362**	2.00 **126**	4.75 **872** **732**					8	
2M5615	101.60	2.00 **397**	2.00 **126**	4.75 **872** **732**					8	
5616	95.25	2.00 **032**	2.00 **126**	4.75 **872** **732**					8	GM
2C5616	95.25	2.00 **362**	2.00 **126**	4.75 **872** **732**					8	
2M5616	95.25	2.00 **327**	2.00 **126**	4.75 **872** **732**					8	

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
5617	94.89	2.00 **032**	2.00 **126**	4.75 **860** **732**					6	Checker, GM
2C5617	94.89	2.00 **362**	2.00 **126**	4.75 **860** **732**					6	
2M5617	94.89	2.00 **397**	2.00 **126**	4.75 **860** **732**					6	
5618	93.47	2.00 **032**	2.00 **126**	4.75 **860** **732**					8	Ford
2C5618	93.47	2.00 **362**	2.00 **126**	4.75 **860** **732**					8	
2M5618	93.47	2.00 **327**	2.00 **126**	4.75 **860** **732**					8	
5619	100.71	2.00 **032**	2.00 **126**	4.75 **860** **732**					6	GM
2C5619	100.71	2.00 **363**	2.00 **126**	4.75 **860** **732**					6	
2M5619	100.71	2.00 **327**	2.00 **126**	4.75 **860** **732**					6	
5621	110.74	2.38 **032**	2.00 **126**	4.75 **860** **732**					8	Ford
2C5621	110.74	2.38 **363**	2.00 **126**	4.75 **860** **732**					8	
2M5621	110.74	2.38 **327**	2.00 **126**	4.75 **860** **732**					8	
2C5622	101.60	3.18 **372**	2.38 **126**	4.75 **860** **732**					1	Hercules
5623	88.49	2.00 **032**	2.50 **401**	4.00 **056** **732**					4	Toyota
2C5623	88.49	2.00 **362**	2.50 **401**	4.00 **056** **732**					4	
2D5627	87.00	2.50 **220**	2.00 **126**	3.00 **204** **881**					1	Mercedes Benz
5630	101.60	2.00 **032**	2.00 **126**	4.75 **872** **732**					4	American Motors, GM, Jeep
2C5630	101.60	2.00 **362**	2.00 **126**	4.75 **872** **732**					4	
2M5630	101.60	2.00 **397**	2.00 **126**	4.75 **872** **732**					4	
5632	89.00	1.50 **032**	2.00 **126**	4.75 **860** **732**					6	GM, Jeep
2C5632	89.00	1.50 **363**	2.00 **126**	4.75 **860** **732**					6	
2M5632	89.00	1.50 **397**	2.00 **126**	4.75 **860** **732**					6	
2C5633	94.01	2.00 **362**	2.00 **126**	4.00 **860** **732**					4	Peugeot
2D5635	102.01	2.94 **379**	3.00 **225**	2.50 **035**	5.00 **553**				1	Deutz, Liebherr
2C5637	71.91	1.20 **398**	1.50 **435**	2.50 **989** **732**					4	Ford European, Mazda
2D5643	89.99	2.50 **376**	2.00 **126**	4.00 **553** **881**					4	Toyota
5645	92.00	2.00 **032**	2.50 **126**	4.00 **870** **732**					4	Nissan, Toyota
2C5645	92.00	2.00 **362**	2.50 **126**	4.00 **870** **732**					4	
2M5645	92.00	2.00 **327**	2.50 **126**	4.00 **870** **732**					4	
2D5646	102.01	2.94 **379**	2.50 **035**	2.50 **414**	5.00 **553**				1	Deutz
2C5647	99.06	2.00 **363**	2.00 **352**	2.00 **126**	4.75 **860** **732**				8	Ford
5649	96.80	2.00 **032**	2.00 **126**	4.00 **860** **732**					6	Ford
2C5649	96.80	2.00 **363**	2.00 **126**	4.00 **860** **732**					6	
2M5649	96.80	2.00 **327**	2.00 **126**	4.00 **860** **732**					6	

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
5650	89.00	1.50 **032**	2.00 **126**	4.75 **872 732**					4	GM
2M5650	89.00	1.50 **397**	2.00 **126**	4.75 **872 732**					4	
5652	87.50	1.50 **032**	1.50 **126**	4.00 **056 732**					4	Chrysler, Dodge
2C5652	87.50	1.50 **363**	1.50 **126**	4.00 **056 732**					4	
2M5652	87.50	1.50 **327**	1.50 **126**	4.00 **056 732**					4	
5653	79.93	1.60 **032**	2.00 **126**	4.00 **860 732**					4	Ford
2C5653	79.93	1.60 **363**	2.00 **126**	4.00 **860 732**					4	
2M5653	79.93	1.60 **327**	2.00 **126**	4.00 **860 732**					4	
5654	87.99	2.00 **032**	2.00 **126**	4.00 **872 732**					8	GM
2C5654	87.99	2.00 **362**	2.00 **126**	4.00 **872 732**					8	
2M5654	87.99	2.00 **327**	2.00 **126**	4.00 **872 732**					8	
2D5655	101.04	3.00 **372**	2.00 **126**	4.00 **553 881**					8	GM
2C5657	92.00	1.20 **398**	1.50 **401**	4.00 **056 732**					4	Subaru
2C5659	90.98	2.00 **363**	2.00 **126**	4.00 **860 732**					1	Continental
5663	101.60	1.60 **032**	2.00 **126**	4.75 **872 732**					4	American Motors, GM, Jeep
2C5663	101.60	1.60 **362**	2.00 **126**	4.75 **872 732**					4	
2M5663	101.60	1.60 **327**	2.00 **126**	4.75 **872 732**					4	
5664	86.00	1.50 **032**	1.50 **435**	4.00 **058 732**					4	Ford, Kia, Mazda
2C5664	86.00	1.50 **362**	1.50 **435**	4.00 **058 732**					4	
2M5664	86.00	1.50 **397**	1.50 **435**	4.00 **058 732**					4	
2N5664	86.00	1.50 **322**	1.50 **126**	4.00 **987 714**					4	
2D5666	91.11	2.50 **370**	2.00 **370**	4.00 **204 881**					4	Dodge, Mitsubishi
5667	91.11	1.50 **032**	1.50 **126**	4.00 **056 732**					4	Chrysler, Dodge, Mazda, Mitsubishi
2C5667	91.11	1.50 **363**	1.50 **126**	4.00 **056 732**					4	
2C5669	87.33	2.38 **362**	2.38 **126**	2.38 **126**	6.35 **860 732**				4	International
5671	60.33	2.38 **032**	2.38 **126**	4.75 **870 732**					4	Allis Chalmers, Continental, Massey Ferguson
2C5671	60.33	2.38 **362**	2.38 **126**	4.75 **870 732**					4	
2N5672	74.50	1.00 **322**	1.20 **126**	2.00 **993 732**					3	Volkswagen
5673	89.00	1.50 **032**	1.50 **126**	4.00 **056 732**					4	Nissan
2C5673	89.00	1.50 **363**	1.50 **126**	4.00 **056 732**					4	
2D5674	89.00	2.50 **376**	2.00 **126**	4.50 **553 881**					4	Nissan
2C5675	72.49	1.20 **398**	1.50 **126**	2.00 **990 732**					1	Opel, Vauxhall
2N5675	72.49	1.20 **322**	1.50 **126**	2.00 **990 732**					1	
5678	101.60	3.18 **032**	3.18 **126**	3.18 **126**	4.75 **501**				1	Le Roi
2C5681	72.01	1.00 **398**	1.00 **123**	1.50 **981 005**					4	Fiat
2C5683	114.30	3.18 **363**	3.18 **126**	3.18 **126**	4.75 **501**				1	Le Roi
5688	93.47	2.00 **032**	2.00 **126**	4.75 **860 732**					4	Ford
2C5688	93.47	2.00 **363**	2.00 **126**	4.75 **860 732**					4	
2M5688	93.47	2.00 **327**	2.00 **126**	4.75 **860 732**					4	

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2C5689	101.60	2.00 **362**	2.38 **126**	4.75 **860** **732**					4	Ford
5690	89.31	2.00 **032**	2.00 **126**	4.75 **860** **732**					4	Ford
2C5690	89.31	2.00 **362**	2.00 **126**	4.75 **860** **732**					4	
2M5690	89.31	2.00 **327**	2.00 **126**	4.75 **860** **732**					4	
5691	90.98	1.50 **032**	2.00 **126**	4.00 **860** **732**					6	Volvo
2C5691	90.98	1.50 **362**	2.00 **126**	4.00 **860** **732**					6	
5692	92.00	1.75 **032**	2.00 **401**	4.00 **056** **732**					4	Volvo
2C5692	92.00	1.75 **363**	2.00 **401**	4.00 **056** **732**					4	
2D5693	101.60	2.00 **336**	2.00 **126**	2.78 **553** **881**					8	Ford, International
5695	95.99	1.75 **032**	2.00 **126**	4.00 **860** **732**					4	Volvo
2C5695	95.99	1.75 **363**	2.00 **126**	4.00 **860** **732**					4	
2D5697	101.60	2.00 **336**	2.00 **130**	2.78 **553** **881**					8	Ford, International
5712	101.60	2.00 **032**	2.00 **126**	4.75 **871** **732**					6	GM
2C5712	101.60	2.00 **362**	2.00 **126**	4.75 **871** **732**					6	
2M5712	101.60	2.00 **397**	2.00 **126**	4.75 **871** **732**					6	
5716	75.49	1.50 **032**	1.50 **126**	4.00 **058** **732**					4	Chrysler, Hyundai, Jeep, Mitsubishi
2C5716	75.49	1.50 **363**	1.50 **126**	4.00 **058** **732**					4	
2M5716	75.49	1.50 **327**	1.50 **126**	4.00 **058** **732**					4	
2M5721	92.08	1.60 **327**	1.60 **126**	4.75 **860** **732**					1	Harley
2M5722	92.08	2.00 **327**	2.00 **126**	4.75 **860** **732**					1	Harley
2C5723	73.00	1.00 **398**	1.00 **123**	1.50 **981** **005**					4	Honda
5738	85.70	2.50 **032**	2.50 **401**	4.75 **871** **732**					6	Nissan
2C5738	85.70	2.50 **362**	2.50 **401**	4.75 **871** **732**					6	
2D5741	98.20	2.50 **208**	2.00 **129**	3.00 **553** **881**					8	Ford
5755	80.01	3.00 **102**	3.00 **401**	5.00 **501**					4	Porsche
2C5760	92.00	1.75 **363**	2.00 **401**	3.50 **059** **732**					8	Mercedes Benz
5761	95.99	1.50 **032**	1.50 **126**	4.00 **870** **732**					4	Ford, Mazda
2C5761	95.99	1.50 **362**	1.50 **126**	4.00 **870** **732**					4	
2M5761	95.99	1.50 **327**	1.50 **126**	4.00 **870** **732**					4	

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
5762	89.00	1.50 **032**	1.50 **126**	4.00 **052 005**					6	Ford, Mazda
2C5762	89.00	1.50 **363**	1.50 **126**	4.00 **052 005**					6	
2M5762	89.00	1.50 **397**	1.50 **126**	4.00 **052 005**					6	
5782	83.01	2.00 **102**	2.00 **401**	4.00 **058 732**					6	Jaguar
5800	70.61	1.49 **032**	1.49 **406**	4.00 **200 881**					4	Rover
2C5802	65.99	1.20 **398**	1.20 **126**	2.50 **995 732**					4	Hyundai, Kia
5806	80.01	3.00 **102**	3.00 **401**	4.75 **871 732**					6	Opel
2D5807	95.00	2.30 **372**	2.00 **126**	3.00 **553 881**					4	Mitsubishi
2C5825	81.99	1.20 **398**	1.20 **126**	2.00 **993 005**					4	Hyundai, Kia
2C5828	78.99	1.20 **398**	1.20 **126**	2.00 **993 005**					4	Opel
5838	92.08	3.18 **126**	3.18 **126**	4.75 **860 732**					1	Cummins
2C5838	92.08	3.18 **362**	3.18 **126**	4.75 **860 732**					1	
2D5853	99.01	3.00 **208**	2.00 **409**	2.50 **203 881**					8	Ford
2D5854	79.50	1.75 **205**	2.00 **126**	3.00 **204 881**					1	Audi, Seat, Skoda, Volkswagen
2C5855	78.99	1.20 **398**	1.50 **126**	2.00 **990 005**					4	Ford, Ford European
2D5856	73.00	1.50 **239**	1.50 **218**	3.00 **204 881**					1	BMW, Toyota
2C5858	82.19	2.00 **362**	2.00 **126**	3.00 **054 732**					4	Citroen, Fiat, Peugeot
2D5858	82.19	2.00 **205**	2.00 **210**	3.00 **204 881**					1	
2M5860	80.01	2.00 **219**	2.00 **209**	3.00 **204 881**					1	Opel, Renault, Vauxhall
2C5863	89.20	1.20 **398**	1.20 **126**	2.50 **995 005**					6	Subaru
2C5868	76.99	2.50 **362**	2.50 **401**	4.00 **056 732**					4	Volkswagen
2M5872	107.01	2.87 **224**	2.50 **126**	3.46 **553 881**					6	Cummins, Dodge
2C5877	92.00	1.20 **398**	1.20 **126**	2.00 **991 005**					6	Subaru
2C5881	83.01	1.50 **376**	1.50 **126**	4.00 **058 732**					4	Citroen, Peugeot
5897	73.03	1.60 **102**	1.60 **102**	1.60 **102**	4.00 **058 732**				4	M.G.
5909	82.55	2.00 **032**	2.00 **401**	4.75 **860 732**					4	Ford British, Wisconsin
2C5909	82.55	2.00 **362**	2.00 **401**	4.75 **860 732**					4	
5914	82.55	2.00 **032**	2.00 **401**	4.75 **860 732**					6	Ford British
5925	84.00	2.00 **032**	3.00 **401**	5.00 **871 732**					4	Ford European
2C5925	84.00	2.00 **362**	3.00 **401**	5.00 **871 732**					4	
5928	90.50	1.75 **032**	1.75 **126**	4.75 **871 732**					4	Rover
2C5928	90.50	1.75 **362**	1.75 **126**	4.75 **871 732**					4	

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
5957	87.00	2.00 **032**	2.00 **401**	4.00 **056 732**					6	Jaguar
2C5957	87.00	2.00 **362**	2.00 **401**	4.00 **056 732**					6	
5960	85.73	2.38 **102**	2.38 **102**	2.38 **102**	4.75 **871 732**	4.75 **501**			4	Rover
2D5966	95.25	2.38 **363**	3.18 **126**	3.18 **126**	4.75 **553 881**	4.75 **501**			6	Volvo
5981	80.98	2.00 **032**	2.00 **401**	4.00 **860 732**					4	Ford, Ford British
2C5981	80.98	2.00 **362**	2.00 **401**	4.00 **860 732**					4	
5988	73.99	2.00 **102**	2.00 **401**	4.00 **058 732**					4	Alfa Romeo
2C5988	73.99	2.00 **362**	2.00 **401**	4.00 **058 732**					4	
5993	84.99	2.50 **032**	2.50 **401**	5.00 **871 732**					4	Opel
2C5993	84.99	2.50 **362**	2.50 **401**	5.00 **871 732**					4	
5994	84.99	2.50 **032**	2.50 **401**	5.00 **871 732**					6	Opel
2C5994	84.99	2.50 **362**	2.50 **401**	5.00 **871 732**					6	
6008	69.85	2.38 **126**	2.38 **126**	4.75 **871 732**					2	Bendix, Onan
6009	69.85	2.38 **126**	2.38 **126**	2.38 **126**	4.75 **871 732**	4.75 **501**			2	Bendix
2C6016	104.78	3.18 **372**	3.18 **170**	3.18 **170**	4.75 **565 881**				6	Cummins
6022	82.55	2.38 **032**	3.18 **126**	4.75 **860 732**					4	Hercules
2C6022	82.55	2.38 **362**	3.18 **126**	4.75 **860 732**					4	
6081	127.00	4.75 **102**	4.75 **435**	4.75 **501 825**					1	Fairbanks
6082	146.05	4.75 **102**	4.75 **435**	4.75 **501 825**					1	Fairbanks
2C6094	104.78	2.38 **363**	2.38 **126**	4.75 **860 732**					8	Chrysler, Dodge, International, Palmer
2M6094	104.78	2.38 **327**	2.38 **126**	4.75 **860 732**					8	
6113	80.01	2.00 **032**	2.50 **401**	5.00 **871 732**					4	Audi
2C6113	80.01	2.00 **362**	2.50 **401**	5.00 **871 732**					4	
6116	72.01	1.50 **032**	1.50 **126**	2.80 **859 732**					4	Honda
2C6116	72.01	1.50 **362**	1.50 **126**	2.80 **859 732**						
6117	79.50	1.75 **032**	2.00 **126**	5.00 **860 732**					4	Volkswagen
2C6117	79.50	1.75 **362**	2.00 **126**	5.00 **860 732**					4	
6118	79.50	1.75 **032**	2.50 **126**	5.00 **860 732**					4	Audi, Volkswagen
2C6118	79.50	1.75 **362**	2.50 **126**	5.00 **860 732**					4	
6119	92.99	2.00 **032**	2.00 **126**	4.00 **056 732**					4	Porsche, Volkswagen
2C6119	92.99	2.00 **362**	2.00 **126**	4.00 **056 732**					4	
6121	87.99	2.00 **032**	2.00 **126**	2.80 **999 732**					1	Honda

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
6127	88.85	1.60 **032**	1.60 **126**	4.75 **860 732**					2	Harley
2M6127	88.85	1.60 **327**	1.60 **126**	4.75 **860 732**					2	
6128	69.85	4.75 **126**	4.75 **126**	4.75 **871 732**					1	Midland
6130	88.90	2.38 **032**	3.18 **126**	4.75 **860 732**	4.75 **501**				1	Hercules
2C6130	88.90	2.38 **362**	3.18 **126**	4.75 **860 732**	4.75 **501**				1	
6131	72.01	1.50 **032**	1.50 **126**	4.00 **058 732**					4	Honda
2C6131	72.01	1.50 **362**	1.50 **126**	4.00 **058 732**					4	
6134	76.99	1.50 **032**	1.50 **401**	4.00 **058 732**					4	Honda, Mazda
2C6134	76.99	1.50 **363**	1.50 **401**	4.00 **058 732**					4	
6137	84.00	2.00 **032**	3.00 **401**	5.00 **871 732**					6	Ford European
2C6137	84.00	2.00 **362**	3.00 **401**	5.00 **871 732**					6	
6138	110.74	2.00 **032**	2.00 **126**	4.75 **860 732**					4	Mercruiser
2C6138	110.74	2.00 **362**	2.00 **126**	4.75 **860 732**					4	
2M6138	110.74	2.00 **345**	2.00 **126**	4.75 **860 732**					4	
6139	86.39	1.50 **032**	2.00 **401**	4.00 **860 732**					4	Fiat
2C6139	86.39	1.50 **362**	2.00 **401**	4.00 **860 732**					4	
6140	77.50	1.50 **032**	1.50 **126**	2.80 **861 732**					4	Toyota
2C6140	77.50	1.50 **363**	1.50 **126**	2.80 **861 732**					4	
2C6141	80.01	1.20 **398**	1.50 **126**	4.00 **056 732**					4	Ford, Mazda
6142	86.00	1.50 **032**	2.00 **126**	4.00 **056 732**					6	Nissan
2C6142	86.00	1.50 **362**	2.00 **126**	4.00 **056 732**					6	
6143	78.99	1.50 **032**	2.00 **126**	4.00 **056 732**					4	Lada
2C6143	78.99	1.50 **362**	2.00 **126**	4.00 **056 732**					4	
2C6145	79.50	1.75 **363**	2.00 **126**	4.00 **056 732**					5	Audi, Volkswagen
2C6146	76.00	1.20 **398**	2.00 **401**	4.00 **056 732**					4	Nissan
6148	83.01	1.50 **032**	2.00 **401**	4.00 **860 732**					6	Nissan
2C6148	83.01	1.50 **362**	2.00 **401**	4.00 **860 732**					6	
6149	87.00	1.50 **102**	1.50 **102**	4.00 **058 732**					4	GM, Isuzu, Nissan
2C6149	87.00	1.50 **362**	1.50 **102**	4.00 **058 732**					4	
2M6149	87.00	1.50 **327**	1.50 **102**	4.00 **058 732**					4	
2C6150	86.00	1.50 **376**	2.00 **126**	4.00 **056 732**					6	Nissan

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
6151	76.00	1.50 **032**	1.50 **126**	4.00 **058 732**					4	Nissan
2C6151	76.00	1.50 **362**	1.50 **126**	4.00 **058 732**					4	
2M6151	76.00	1.50 **327**	1.50 **126**	4.00 **058 732**					4	
6152	84.07	1.50 **032**	1.50 **401**	4.00 **056 732**					4	GM
2C6152	84.07	1.50 **376**	1.50 **401**	4.00 **056 732**					4	
6153	76.00	1.50 **032**	1.50 **126**	2.80 **861 732**					2	Daihatsu, Subaru
2C6153	76.00	1.50 **362**	1.50 **126**	2.80 **861 732**					2	
2C6154	76.99	1.20 **398**	1.50 **401**	4.00 **058 732**					4	Mazda
6155	80.01	1.50 **032**	2.00 **126**	4.00 **058 732**					4	Ford, Mazda
2C6155	80.01	1.50 **362**	2.00 **126**	4.00 **058 732**					4	
6156	84.51	1.50 **032**	1.50 **126**	4.00 **056 732**					4	Nissan, Toyota
2C6156	84.51	1.50 **363**	1.50 **126**	4.00 **056 732**					4	
6157	87.00	2.00 **032**	2.00 **126**	4.00 **056 732**					4	GM, Isuzu, Mercedes Benz
2C6157	87.00	2.00 **362**	2.00 **126**	4.00 **056 732**					4	
2M6157	87.00	2.00 **327**	2.00 **126**	4.00 **056 732**					4	
6162	83.01	1.50 **032**	1.50 **126**	4.00 **058 732**					6	Nissan, Toyota
2C6162	83.01	1.50 **362**	1.50 **126**	4.00 **058 732**					6	
2M6162	83.01	1.50 **327**	1.50 **126**	4.00 **058 732**					6	
6163	70.00	1.50 **032**	1.50 **126**	2.80 **859 732**					3	Daihatsu
2C6163	70.00	1.50 **362**	1.50 **126**	2.80 **859 732**					3	
6164	88.82	1.60 **032**	1.60 **126**	4.00 **860 732**					2	Harley
2M6164	88.82	1.60 **327**	1.60 **126**	4.00 **860 732**					2	
6165	85.50	1.75 **032**	2.00 **401**	5.00 **860 732**					4	Volkswagen
2C6165	85.50	1.75 **362**	2.00 **401**	5.00 **860 732**					4	
6166	80.98	1.60 **032**	1.60 **126**	4.00 **056 732**					2	Harley
2M6166	80.98	1.60 **327**	1.60 **126**	4.00 **056 732**					2	
2C6167	88.90	1.75 **362**	2.00 **401**	4.00 **860 732**					4	Volvo
2C6168	88.90	1.75 **362**	2.00 **401**	4.00 **860 732**					6	Volvo
6169	89.00	1.50 **032**	1.50 **126**	4.75 **872 732**					4	GM
2M6169	89.00	1.50 **397**	1.50 **126**	4.75 **872 732**					4	
2C6170	79.38	1.60 **363**	1.60 **126**	4.00 **058 732**					2	Kohler
6171	84.99	2.00 **032**	2.00 **126**	4.00 **058 732**					4	Chrysler, Dodge, Hyundai, Mitsubishi
2C6171	84.99	2.00 **362**	2.00 **126**	4.00 **058 732**					4	

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
6172	80.59	2.00 **032**	2.00 **401**	4.00 **056 732**					4	Chrysler, Mitsubishi
2C6172	80.59	2.00 **363**	2.00 **401**	4.00 **056 732**					4	
2C6173	73.99	1.20 **398**	1.20 **126**	2.80 **996 732**					4	Honda
2C6174	72.01	1.00 **398**	1.20 **126**	2.80 **859 732**					4	Honda
6175	76.99	1.50 **032**	2.00 **435**	4.00 **058 732**					4	Mazda
2C6175	76.99	1.50 **363**	2.00 **435**	4.00 **058 732**					4	
2N6175	76.99	1.50 **322**	2.00 **435**	4.00 **058 732**					4	
6177	80.01	1.50 **102**	1.50 **126**	4.00 **056 732**					4	Honda
2C6177	80.01	1.50 **363**	1.50 **126**	4.00 **056 732**					4	
6179	75.01	1.50 **032**	1.50 **435**	4.00 **058 732**					4	Toyota
2C6179	75.01	1.50 **363**	1.50 **435**	4.00 **058 732**					4	
6180	81.00	1.50 **032**	1.50 **126**	2.80 **861 732**					4	GM, Toyota
2C6180	81.00	1.50 **362**	1.50 **126**	2.80 **861 732**					4	
2M6180	81.00	1.50 **327**	1.50 **126**	2.80 **861 732**					4	
6184	82.55	2.00 **032**	2.00 **126**	2.00 **126**	4.75 **860 732**				2	Wisconsin
2C6184	82.55	2.00 **362**	2.00 **126**	2.00 **126**	4.75 **860 732**				2	
2C6185	68.50	1.50 **362**	1.50 **126**	2.80 **859 732**					3	Suzuki
2C6189	88.90	2.38 **362**	2.38 **126**	4.75 **860 732**					4	Ford
6190	82.50	1.50 **032**	1.50 **126**	2.00 **934 935**					4	Volkswagen
2C6190	82.50	1.50 **363**	1.50 **126**	2.00 **934 935**					4	
6192	69.49	1.75 **032**	2.00 **401**	4.00 **055 732**					4	Audi, Volkswagen
2C6192	69.49	1.75 **362**	2.00 **401**	4.00 **055 732**					4	
6193	84.79	1.50 **032**	1.75 **126**	4.00 **056 732**					4	GM
2C6193	84.79	1.50 **362**	1.75 **126**	4.00 **056 732**					4	
2M6193	84.79	1.50 **327**	1.75 **126**	4.00 **056 732**					4	
6194	89.00	1.50 **032**	2.00 **126**	4.75 **872 732**					6	GM, Isuzu, Jeep
2M6194	89.00	1.50 **397**	2.00 **126**	4.75 **872 732**					6	
6195	73.00	2.00 **032**	2.00 **401**	2.80 **859 732**					1	Honda
6196	87.00	1.50 **032**	1.50 **126**	2.80 **861 732**					6	Ford, Infiniti, Nissan
2M6196	87.00	1.50 **335**	1.50 **126**	2.80 **861 732**					6	
6197	78.00	1.75 **032**	2.00 **401**	4.00 **860 732**					4	Peugeot
2C6197	78.00	1.75 **362**	2.00 **401**	4.00 **860 732**					4	
2M6198	76.20	1.50 **334**	1.50 **126**	2.80 **861 732**					1	Harley

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
6209	89.00	1.50 **032**	1.50 **126**	3.00 **872 005**					4	GM, Isuzu
2M6209	89.00	1.50 **397**	1.50 **126**	3.00 **872 005**					4	
6215	92.08	2.38 **032**	2.38 **126**	4.75 **501 825**					2	Caterpillar, Waukesha
2C6239	87.00	2.00 **362**	1.50 **126**	2.80 **861 732**					6	Nissan
6240	78.00	1.50 **032**	1.50 **102**	2.80 **861 732**					6	Nissan
2C6240	78.00	1.50 **363**	1.50 **102**	2.80 **861 732**					6	
6261	82.55	2.38 **032**	2.38 **126**	4.75 **860 732**					2	Onan, Wisconsin
2C6286	111.13	2.38 **362**	2.38 **126**	4.75 **860 732**					6	International
2C6288	101.60	2.38 **362**	3.18 **126**	4.75 **860 732**	4.75 **501**				1	Hercules
6302	98.43	2.38 **032**	2.38 **126**	4.75 **860 732**					8	International, Palmer
2C6302	98.43	2.38 **362**	2.38 **126**	4.75 **860 732**					8	
2M6302	98.43	2.38 **345**	2.38 **126**	4.75 **860 732**					8	
6308	107.95	2.38 **032**	2.38 **126**	2.38 **126**	4.75 **860 732**				6	GM, Minneapolis Moline
2C6308	107.95	2.38 **363**	2.38 **126**	2.38 **126**	4.75 **860 732**				6	
6309	114.30	2.38 **032**	2.38 **126**	4.75 **860 732**					8	Dodge, International, Palmer
2C6309	114.30	2.38 **363**	2.38 **126**	4.75 **860 732**					8	
6337	88.90	3.18 **032**	3.18 **126**	4.75 **860 732**	4.75 **501**				6	GM
6338	90.50	2.38 **032**	2.38 **126**	4.75 **860 732**	4.75 **501**				6	GM
6353	98.43	2.38 **032**	2.38 **126**	4.75 **860 732**					4	Hercules, International
2C6353	98.43	2.38 **362**	2.38 **126**	4.75 **860 732**					4	
2C6395	107.95	2.38 **363**	2.38 **126**	4.75 **860 732**					6	GM
6427	88.90	2.38 **032**	2.38 **126**	4.75 **501**					1	Wisconsin
6457	76.20	1.60 **102**	1.60 **102**	4.75 **860 732**					2	Harley
6474	85.73	2.00 **032**	2.00 **126**	4.75 **860 732**					1	Kohler
2C6474	85.73	2.00 **362**	2.00 **126**	4.75 **860 732**					1	
6482	87.33	1.60 **032**	1.60 **126**	4.75 **860 732**					2	Harley
2M6482	87.33	1.60 **327**	1.60 **126**	4.75 **860 732**					2	
2C6500	130.18	4.00 **381**	4.00 **180**	4.00 **180**	6.35 **579 881**				6	Cummins
6535	82.55	2.38 **032**	2.38 **401**	4.75 **860 732**					1	International
2C6535	82.55	2.38 **362**	2.38 **401**	4.75 **860 732**					1	
2C6581	95.25	2.38 **363**	3.18 **126**	4.75 **860 732**	4.75 **501**				1	Case, Hercules, Oliver
6588	87.33	2.38 **032**	2.38 **126**	4.75 **860 732**					1	Cummins
2C6588	87.33	2.38 **362**	2.38 **126**	4.75 **860 732**					1	
2C6593	104.78	2.40 **362**	2.35 **126**	4.75 **860 732**					4	International
6601	102.87	2.00 **032**	2.00 **126**	2.00 **126**	4.75 **860 732**				8	Ford
2M6601	102.87	2.00 **345**	2.00 **126**	2.00 **126**	4.75 **860 732**				8	
6606	107.95	2.38 **032**	2.00 **126**	2.00 **126**	4.75 **860 732**				8	GM
2C6606	107.95	2.38 **362**	2.00 **126**	2.00 **126**	4.75 **860 732**				8	
2M6606	107.95	2.38 **345**	2.00 **126**	2.00 **126**	4.75 **860**				8	

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
					732					
6607	98.43	2.00 **032**	2.00 **126**	2.00 **126**	4.75 **860** **732**				8	Ford
2C6607	98.43	2.00 **363**	2.00 **126**	2.00 **126**	4.75 **860** **732**				8	
6627	84.15	2.38 **032**	2.38 **126**	4.75 **860** **732**					1	Harley
2C6638	87.33	2.00 **362**	2.00 **362**	4.75 **860** **732**					1	Briggs & Stratton
2C6660	98.43	2.38 **362**	3.18 **126**	4.75 **860** **732**					6	Volvo
2C6664	95.25	2.38 **362**	2.38 **032**	2.38 **126**	4.75 **860** **732**				4	Wisconsin
6677	87.33	2.00 **032**	2.38 **126**	2.38 **126**	6.35 **860** **732**				4	Continental, Kohler
2C6677	87.33	2.00 **362**	2.38 **126**	2.38 **126**	6.35 **860** **732**				4	
2M6677	87.33	2.00 **327**	2.38 **126**	2.38 **126**	6.35 **860** **732**				4	
6678	87.33	2.00 **032**	2.38 **126**	2.38 **126**	6.35 **860** **732**				6	Continental
2C6678	87.33	2.00 **362**	2.38 **126**	2.38 **126**	6.35 **860** **732**				6	
6685	98.43	2.38 **032**	2.00 **126**	2.00 **126**	4.75 **860** **732**				8	Ford
2C6685	98.43	2.38 **363**	2.00 **126**	2.00 **126**	4.75 **860** **732**				8	
6686	102.87	2.38 **032**	2.00 **126**	2.00 **126**	4.75 **860** **732**				8	Ford
2C6686	102.87	2.38 **363**	2.00 **126**	2.00 **126**	4.75 **860** **732**				8	
2M6686	102.87	2.38 **327**	2.00 **126**	2.00 **126**	4.75 **860** **732**				8	
2C6709	72.01	2.00 **362**	2.00 **401**	4.00 **056** **732**					6	Fiat
6713	84.00	2.00 **032**	2.00 **401**	4.50 **871** **732**					4	Peugeot
2C6713	84.00	2.00 **362**	2.00 **401**	4.50 **871** **732**					4	
6714	73.00	2.00 **032**	2.00 **401**	4.00 **058** **732**					4	Mazda, Mitsubishi, Nissan
2C6714	73.00	2.00 **362**	2.00 **401**	4.00 **058** **732**					4	
6717	62.00	2.00 **102**	2.00 **401**	4.00 **055** **732**					4	Fiat
2C6717	62.00	2.00 **362**	2.00 **401**	4.00 **055** **732**					4	
6726	84.15	2.00 **032**	2.00 **401**	4.75 **860** **732**					4	Volvo
6735	86.00	1.60 **102**	1.60 **102**	4.00 **058** **732**					4	Triumph
2C6735	86.00	1.60 **362**	1.60 **102**	4.00 **058** **732**					4	
6738	80.26	1.60 **102**	1.60 **102**	1.60 **102**	4.00 **056** **732**				4	Austin Rover, M.G.

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
6741	76.99	2.00 **102**	2.00 **435**	4.00 **055 732**					4	Fiat
2C6741	76.99	2.00 **362**	2.00 **435**	4.00 **055 732**					4	
6742	64.57	1.60 **032**	1.60 **032**	1.60 **401**	3.18 **716 710**				4	Austin Rover, M.G.
2C6742	64.57	1.60 **362**	1.60 **032**	1.60 **401**	3.18 **710 732**				4	
6752	72.01	2.00 **102**	2.00 **401**	4.00 **056 732**					4	Fiat, Mitsubishi, Subaru, Toyota
2C6752	72.01	2.00 **362**	2.00 **401**	4.00 **056 732**					4	
6757	78.00	2.00 **102**	2.00 **401**	4.00 **056 732**					6	Fiat
2C6757	78.00	2.00 **362**	2.00 **401**	4.00 **056 732**					6	
6761	80.01	2.00 **032**	2.00 **401**	4.00 **056 732**					4	Mazda, Nissan
2C6761	80.01	2.00 **362**	2.00 **401**	4.00 **056 732**					4	
6772	85.50	2.00 **032**	3.00 **401**	5.00 **860 732**					4	Ford European
2C6779	70.00	2.00 **362**	2.00 **401**	3.50 **055 732**					4	Renault
6780	76.99	2.00 **102**	2.00 **435**	4.00 **056 732**					4	Volkswagen
2C6780	76.99	2.00 **362**	2.00 **435**	4.00 **056 732**					4	
6781	85.50	2.00 **032**	2.00 **401**	5.00 **871 732**					4	Volkswagen
2C6781	85.50	2.00 **362**	2.00 **401**	5.00 **871 732**					4	
6786	90.50	2.38 **032**	2.38 **126**	2.38 **126**	4.75 **860**	4.75 **732 501**			4	Rover
2D6786	90.50	2.38 **362**	2.38 **126**	2.38 **126**	4.75 **553**	4.75 **881 501**			4	
6791	93.68	2.00 **032**	2.00 **126**	4.75 **860 732**					2	Ford British
2C6791	93.68	2.00 **362**	2.00 **126**	4.75 **860 732**					2	
6793	83.01	2.00 **032**	2.00 **401**	4.00 **056 732**					4	Volkswagen
2C6793	83.01	2.00 **362**	2.00 **401**	4.00 **056 732**					4	
6796	65.00	1.75 **102**	2.00 **401**	4.00 **055 732**					4	Fiat
2C6796	65.00	1.75 **362**	2.00 **401**	4.00 **055 732**					4	
6797	75.01	2.00 **102**	2.00 **401**	4.00 **056 732**					6	Toyota
2C6797	75.01	2.00 **362**	2.00 **401**	4.00 **056 732**					6	
6800	92.00	2.00 **032**	2.00 **126**	4.75 **860 732**					6	Jaguar
2C6800	92.00	2.00 **362**	2.00 **126**	4.75 **860 732**					6	
2C6801	82.50	1.50 **362**	2.00 **401**	4.00 **056 732**					4	Porsche
6802	70.61	1.60 **102**	1.60 **102**	1.60 **102**	4.00 **058 732**				4	Austin Rover, M.G.
2C6802	70.61	1.60 **362**	1.60 **102**	1.60 **102**	4.00 **058 732**				4	
6804	78.00	2.00 **102**	2.50 **401**	4.00 **056 732**					4	Toyota
2C6804	78.00	2.00 **362**	2.50 **401**	4.00 **056 732**					4	

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
6810	88.90	2.00 **032**	2.00 **401**	4.75 **860** **732**					4	GM, Volvo
2M6810	88.90	2.00 **327**	2.00 **401**	4.75 **860** **732**					4	
6813	75.01	2.00 **032**	2.00 **401**	4.00 **056** **732**					4	Mazda, Nissan, Toyota
2C6813	75.01	2.00 **362**	2.00 **401**	4.00 **056** **732**					4	
6814	80.01	1.50 **102**	2.00 **401**	4.00 **056** **732**					4	Fiat
2C6814	80.01	1.50 **362**	2.00 **401**	4.00 **056** **732**					4	
6817	74.68	1.60 **102**	1.60 **401**	4.00 **056** **732**					6	Triumph
2C6817	74.68	1.60 **362**	1.60 **401**	4.00 **056** **732**					6	
6818	75.01	2.00 **032**	2.00 **401**	4.00 **856** **732**					4	Mazda, Nissan, Toyota
2C6818	75.01	2.00 **362**	2.00 **401**	4.00 **856** **732**					4	
6823	82.50	2.00 **032**	2.00 **401**	5.00 **871** **732**					4	Opel
2C6823	82.50	2.00 **362**	2.00 **401**	5.00 **871** **732**					4	
6825	88.90	2.00 **032**	2.00 **401**	4.75 **860** **732**					6	Volvo
6830	87.20	2.00 **032**	2.50 **401**	4.00 **860** **732**					4	Nissan
2C6830	87.20	2.00 **362**	2.50 **401**	4.00 **860** **732**					4	
6831	83.01	2.00 **032**	2.00 **401**	4.00 **056** **732**					4	Nissan
2C6831	83.01	2.00 **362**	2.00 **401**	4.00 **056** **732**					4	
2C6832	84.99	3.00 **362**	3.00 **032**	3.00 **401**	5.50 **860** **732**				4	Fiat
2C6834	90.50	1.75 **362**	1.75 **126**	4.75 **860**	4.75 **732** **501**				4	Rover
6837	87.99	2.00 **032**	2.00 **401**	5.00 **871** **732**					4	Opel
2C6837	87.99	2.00 **362**	2.00 **401**	5.00 **871** **732**					4	
6840	73.66	1.60 **102**	1.60 **401**	4.00 **058** **732**					4	M.G., Triumph
2C6840	73.66	1.60 **362**	1.60 **401**	4.00 **058** **732**					4	
6846	86.00	2.00 **032**	2.50 **401**	4.00 **860** **732**					4	Toyota
2C6846	86.00	2.00 **362**	2.50 **401**	4.00 **860** **732**					4	
6854	87.99	2.00 **032**	2.50 **401**	4.00 **056** **732**					4	Toyota
2C6854	87.99	2.00 **362**	2.50 **401**	4.00 **056** **732**					4	
6856	83.01	2.00 **032**	2.00 **401**	4.00 **058** **732**					6	Nissan, Toyota
2C6856	83.01	2.00 **362**	2.00 **401**	4.00 **058** **732**					6	
6857	76.99	1.75 **032**	2.00 **435**	4.00 **056** **732**					4	Renault
2C6857	76.99	1.75 **362**	2.00 **435**	4.00 **056** **732**					4	
6860	78.00	2.00 **032**	2.00 **401**	4.00 **055** **732**					4	Fiat
2C6860	78.00	2.00 **362**	2.00 **401**	4.00 **055** **732**					4	

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
6861	87.99	2.00 **032**	2.00 **126**	2.00 **126**	4.50 **871** **732**				4	Peugeot
2C6861	87.99	2.00 **362**	2.00 **126**	2.00 **126**	4.50 **871** **732**				4	
2C6864	89.99	2.00 **362**	2.00 **401**	5.00 **871** **732**					4	Citroen, Porsche, Volkswagen
6870	73.00	1.75 **032**	2.00 **401**	4.00 **056** **732**					4	Renault
2C6870	73.00	1.75 **362**	2.00 **401**	4.00 **056** **732**					4	
6871	78.00	2.00 **032**	2.00 **401**	4.00 **056** **732**					4	Nissan
2C6871	78.00	2.00 **362**	2.00 **401**	4.00 **056** **732**					4	
6872	84.99	2.00 **032**	2.00 **401**	4.00 **056** **732**					4	Nissan, Subaru, Toyota
2C6872	84.99	2.00 **362**	2.00 **401**	4.00 **056** **732**					4	
6873	95.25	2.00 **032**	2.00 **126**	4.75 **860** **732**					4	GM, Vauxhall
2C6873	95.25	2.00 **362**	2.00 **126**	4.75 **860** **732**					4	
6874	85.73	2.00 **032**	2.00 **401**	4.75 **860** **732**					4	Vauxhall
2C6874	85.73	2.00 **362**	2.00 **401**	4.75 **860** **732**					4	
6876	80.01	2.00 **032**	2.00 **401**	4.00 **056** **732**					6	Toyota
2C6876	80.01	2.00 **362**	2.00 **401**	4.00 **056** **732**					6	
2C6880	70.00	2.00 **362**	2.00 **401**	4.00 **058** **732**					4	Mazda
6886	88.49	2.00 **032**	2.50 **401**	4.00 **860** **732**					4	Toyota
2C6886	88.49	2.00 **362**	2.50 **401**	4.00 **860** **732**					4	
6893	69.04	1.60 **102**	1.60 **102**	4.00 **058** **732**					4	M.G.
6899	84.99	1.50 **032**	1.50 **126**	4.00 **056** **732**					4	Chrysler, Dodge, Ford British, Mitsubishi, Nissan, Toyota
2C6899	84.99	1.50 **362**	1.50 **126**	4.00 **056** **732**					4	
2M6899	84.99	1.50 **327**	1.50 **126**	4.00 **056** **732**					4	
2C6910	95.25	3.18 **372**	3.18 **170**	2.38 **126**	4.75 **860** **732**				6	Hercules
6912	84.15	2.00 **032**	2.38 **126**	2.38 **126**	6.35 **860** **732**				6	Continental
6938	70.99	1.60 **102**	1.60 **102**	3.18 **501**					2	Triumph
2C6938	70.99	1.60 **362**	1.60 **102**	3.18 **501**					2	
6939	75.01	1.60 **102**	1.60 **102**	3.18 **501**					2	Bsa
6941	78.99	1.60 **102**	1.60 **102**	3.18 **870** **732**					1	Bsa
6942	67.01	1.60 **102**	1.60 **102**	3.18 **501** **826**					1	Bsa, Triumph
2C6942	67.01	1.60 **362**	1.60 **102**	3.18 **501** **826**					1	
6948	80.98	1.60 **102**	4.00 **860** **732**						1	Harley
6949	82.55	1.60 **102**	4.00 **860** **732**						1	Harley
6950	84.15	1.60 **102**	4.00 **860** **732**						1	Harley
6953	80.98	1.60 **102**	1.60 **102**	4.00 **860** **732**					1	Harley
6954	82.55	1.60 **102**	1.60 **102**	4.00 **056** **732**					1	Harley
6955	84.15	1.60 **102**	1.60 **102**	4.00 **860** **732**					1	Harley
2M6958	92.08	1.60 **327**	1.60 **126**	4.00 **860** **732**					1	Harley
6962	90.50	2.00 **032**	2.00 **126**	4.75 **860** **732**					1	Briggs & Stratton, Onan
7001	90.50	1.60 **102**	1.60 **102**	4.00 **056** **732**					1	Harley
7002	88.90	1.60 **102**	1.60 **102**	4.00 **056**					1	Harley

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
				732						
7003	80.98	1.60 **102**	1.60 **102**	4.75 **860 732**					2	Harley
2M7003	80.98	1.60 **327**	1.60 **126**	4.75 **860 732**					2	
2C7012	111.76	3.18 **372**	2.38 **126**	2.38 **126**	4.75 **565 881**				6	Ford, John Deere
2C7014	111.76	3.18 **372**	2.38 **126**	4.75 **565 881**					6	Ford
2C7021	111.76	3.18 **372**	2.38 **126**	4.75 **565 881**					2	Ford
7024	84.15	1.60 **102**	1.60 **102**	4.75 **860 732**					2	Harley
2D7052	102.01	3.50 **378**	2.50 **277**	4.00 **553**					1	Mercedes Benz
2D7054	105.99	3.50 **378**	2.50 **277**	4.00 **553**					1	Mercedes Benz
2D7087	127.00	3.50 **378**	2.39 **135**	3.50 **553**					1	Doosan, Scania
2D7095	104.17	2.50 **363**	2.50 **035**	2.50 **035**	6.00 **200**	6.00 **501**			1	Daf
2D7096	127.99	3.00 **213**	3.00 **349**	4.00 **553**					1	Mercedes Benz
2D7097	81.99	2.00 **376**	2.00 **414**	2.00 **553**					1	Alfa Romeo, Fiat
2D7098	102.01	3.00 **250**	2.50 **035**	4.00 **553**						Man
2D7099	107.01	3.50 **378**	2.50 **130**	3.50 **553**					1	Volvo
2D7101	69.60	2.00 **205**	1.50 **206**	2.00 **248 881**					1	Fiat, Opel, Subaru, Suzuki, Vauxhall
2D7104	82.50	2.50 **211**	2.00 **210**	3.00 **204 881**					1	Ford, Ford European
2C7106	90.50	2.38 **362**	2.38 **126**	2.38 **126**	4.75 **501 825**				4	Ford
2C7113	101.60	2.38 **362**	2.38 **126**	2.38 **126**	6.35 **860 732**	6.35 **501**			2	John Deere
2C7114	93.68	3.18 **394**	3.18 **126**	6.35 **860 732**					2	International
2C7118	98.43	2.38 **363**	2.38 **126**	2.38 **126**	4.75 **501 825**				2	John Deere
7119	88.90	2.38 **032**	2.38 **126**	2.38 **126**	4.75 **860 732**				4	John Deere
2C7119	88.90	2.38 **362**	2.38 **126**	2.38 **126**	4.75 **860 732**				4	
2C7122	107.95	2.38 **363**	2.38 **126**	2.38 **126**	6.35 **860 732**				4	Case
7123	88.90	2.38 **032**	2.38 **126**	2.38 **126**	6.35 **860 732**				4	Case
2C7123	88.90	2.38 **362**	2.38 **126**	2.38 **126**	6.35 **860 732**				4	
2C7124	104.78	2.38 **362**	2.38 **126**	2.38 **126**	6.35 **860 732**				6	Case, GM
2C7125	98.48	2.38 **362**	2.38 **126**	2.38 **126**	4.75 **565 881**				4	Allis Chalmers
2C7133	82.50	2.50 **238**	2.00 **218**	3.00 **204 881**					1	Ford European
2C7134	96.85	3.18 **372**	2.38 **126**	4.75 **860 732**					4	Case
2C7136	90.50	2.38 **362**	2.38 **126**	2.38 **126**	4.75 **501 825**	4.75 **501**			6	Allis Chalmers
2D7138	88.01	2.50 **221**	2.00 **206**	2.50 **204 881**					1	Fiat, Iveco
2C7139	95.25	2.38 **363**	2.38 **126**	2.38 **126**	6.35 **860 732**				6	Oliver
7140	91.47	2.38 **103**	2.38 **103**	3.18 **103**	6.35 **502**	6.35 **502**			1	Massey Ferguson, Perkins
2C7143	112.73	2.38 **363**	3.18 **126**	3.18 **126**	4.75 **501**	4.75 **565 881**			1	Buda
2C7144	85.73	2.38 **362**	2.38 **126**	4.75 **860 732**					4	International
2D7145	86.00	2.50 **211**	2.00 **210**	3.00 **204 881**					1	Ford European
2C7148	76.50	1.75 **215**	2.00 **209**	3.00 **204 881**					1	Audi, Volkswagen
2C7153	92.08	2.38 **362**	2.38 **126**	2.38 **126**	4.75 **501 825**				6	Ford
2C7155	92.08	2.38 **362**	2.38 **126**	4.75 **501 825**					4	John Deere
2M7157	83.01	3.50 **224**	2.00 **202**	3.00 **204 881**					1	Citroen, Fiat, Peugeot, Suzuki
2C7158	98.43	2.38 **363**	2.38 **126**	4.75 **860 732**					2	John Deere
2D7167	84.00	1.75 **205**	1.75 **218**	3.00 **204 881**					1	Opel, Vauxhall

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
7173	135.13	2.38 **102**	2.38 **102**	2.38 **401**	4.75 **860 732**				6	Minneapolis Moline
2C7174	98.48	2.38 **362**	2.38 **126**	2.38 **126**	4.75 **565 881**				6	Allis Chalmers
2C7175	101.60	2.38 **363**	2.38 **126**	2.38 **126**	4.75 **860 732**				4	Ford
2D7176	84.99	3.50 **213**	2.00 **210**	3.00 **204 881**					1	Citroen, Fiat, Ford European, Peugeot
2C7179	98.43	2.38 **363**	2.38 **126**	4.75 **860 732**					6	Oliver
2C7180	111.76	2.38 **362**	2.38 **362**	2.38 **126**	4.75 **565 881**				3	Ford
2C7181	106.68	2.38 **362**	2.38 **126**	4.75 **860 732**					3	Ford
2C7182	106.68	2.38 **362**	2.38 **362**	2.38 **126**	4.75 **565 881**				1	Ford
2C7183	111.76	2.38 **362**	2.38 **126**	4.75 **565 881**					3	Ford
2D7188	95.40	2.50 **110**	2.00 **435**	3.00 **203 881**					4	Isuzu
2C7193	96.85	3.18 **362**	2.38 **126**	6.35 **860 732**					6	International
2C7194	86.00	1.20 **398**	1.20 **126**	2.00 **248 881**					4	Toyota
2C7195	158.75	3.18 **363**	2.38 **349**	6.35 **565 881**					2	Caterpillar
2C7197	98.43	3.18 **372**	3.18 **126**	3.18 **126**	4.75 **565 881**				6	International
2C7201	98.48	2.38 **362**	2.38 **126**	2.38 **126**	6.35 **501 825**	6.35 **501**			4	Allis Chalmers
2C7207	85.73	2.38 **362**	3.18 **126**	3.18 **126**	6.35 **860 732**				4	Continental, Massey Ferguson
2C7210	111.76	2.38 **362**	2.38 **362**	2.38 **126**	4.75 **565 881**				4	Ford
2C7215	76.99	1.75 **362**	2.00 **435**	4.00 **056 732**					4	Citroen
2C7220	96.85	3.18 **362**	2.38 **126**	6.35 **860 732**					4	International
2D7225	95.40	2.00 **232**	1.50 **435**	3.00 **203 881**					4	Isuzu
7228	75.01	1.50 **032**	1.50 **435**	4.00 **056 732**					4	Opel, Peugeot
2D7228	75.01	1.50 **363**	1.50 **435**	4.00 **553 881**					4	
2C7236	107.95	2.38 **363**	2.38 **126**	4.75 **860 732**					2	John Deere
2D7239	78.00	1.75 **362**	2.00 **401**	3.00 **553 881**					4	Peugeot

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2C7243	98.48	2.38 **362**	2.38 **126**	2.38 **126**	6.35 **871 732**				4	Massey Ferguson, Perkins
2D7246	107.16	2.38 **362**	2.38 **362**	2.38 **126**	4.75 **553 881**				2	Ford
2D7254	75.01	3.00 **213**	1.95 **202**	2.50 **204 881**					1	Citroen, Fiat, Ford European, Peugeot
2C7258	100.00	2.50 **362**	2.50 **126**	4.00 **553 881**					1	Perkins
2D7259	81.99	3.00 **221**	2.00 **209**	3.00 **204 881**					1	Fiat
2C7264	97.00	2.50 **361**	2.50 **126**	4.00 **553 881**					2	Mercedes Benz
2D7270	73.71	2.50 **213**	1.95 **209**	2.50 **248 881**					1	Citroen, Ford European, Mazda, Peugeot, Toyota
2C7275	87.00	1.50 **362**	2.50 **401**	4.00 **056 732**					4	Mercedes Benz
2D7276	102.01	3.00 **208**	2.39 **129**	4.00 **553 881**					6	Cummins, Dodge
2D7277	92.99	2.00 **326**	1.50 **236**	2.00 **203 881**					4	Ford, Mazda
2D7279	84.00	3.00 **221**	2.00 **406**	3.00 **203 881**					1	BMW, Rover
2D7282	81.00	1.75 **205**	2.00 **130**	3.00 **204 881**					1	Audi, Skoda, Volkswagen
2D7284	78.31	1.75 **205**	2.00 **214**	3.00 **204 881**					1	Audi, Skoda, Volkswagen
2C7288	84.00	2.50 **217**	2.00 **210**	3.00 **204 881**					1	BMW
2D7290	84.00	2.00 **205**	1.75 **218**	3.00 **204 881**					1	Opel, Vauxhall
2D7291	88.01	2.50 **212**	2.00 **229**	3.00 **204 881**					1	Dodge, Mercedes Benz
2C7292	89.00	2.50 **244**	2.00 **229**	3.00 **204 881**					1	Mercedes Benz, Ssangyong
2D7296	76.00	2.00 **212**	2.00 **214**	2.50 **248 881**					1	Nissan, Renault
2M7298	87.00	2.50 **220**	1.75 **209**	2.50 **204 881**					1	Renault
2D7299	84.00	3.00 **221**	2.00 **210**	2.00 **248 881**					1	BMW
2D7306	92.00	2.00 **276**	1.50 **264**	3.00 **203 881**					4	Toyota
2D7307	96.01	2.50 **385**	2.00 **135**	2.00 **203 881**					4	Nissan
2D7308	84.00	2.00 **255**	2.00 **126**	2.00 **553 881**					1	Citroen, Jaguar, Land Rover, Peugeot
2D7309	96.01	2.50 **211**	2.00 **257**	3.00 **203 881**					4	Nissan
2D7310	96.01	2.00 **211**	2.00 **415**	3.00 **553 881**					4	Toyota
2M7328	89.00	3.00 **228**	1.75 **218**	2.50 **204 881**					1	Nissan, Opel, Renault, Vauxhall
2D7329	86.00	2.50 **212**	2.00 **202**	3.00 **204 881**					1	Mercedes Benz
2C7330	95.99	2.00 **232**	1.50 **218**	3.00 **204 881**					1	Toyota
2M7332	80.01	2.50 **220**	2.00 **209**	3.00 **204 881**					1	Nissan, Renault
2C7333	81.99	1.75 **362**	2.00 **401**	4.00 **056 732**					4	Renault, Volkswagen
2M7338	91.11	2.50 **243**	2.00 **235**	4.00 **204 881**					1	Hyundai, Mitsubishi
2C7340	81.99	2.50 **217**	2.00 **210**	2.00 **248 881**					1	Alfa Romeo, Fiat
2D7343	84.00	2.50 **211**	2.00 **210**	2.00 **248 881**					1	Nissan, Opel, Renault, Vauxhall

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2D7347	95.81	2.50 **221**	2.00 **206**	2.50 **204 881**					1	Fiat, Iveco
2M7349	87.00	3.00 **228**	1.75 **209**	2.50 **204 881**					1	Nissan, Opel, Renault, Vauxhall
2D7351	83.01	3.00 **221**	2.00 **202**	3.00 **204 881**					1	Citroen, Fiat, Lada, Peugeot, Suzuki
2D7352	80.01	2.00 **212**	2.00 **209**	3.00 **204 881**					1	Mercedes Benz
2C7353	94.39	3.00 **225**	2.00 **209**	3.00 **204 881**					1	Fiat, Iveco, Opel, Peugeot, Renault, Vauxhall
2D7355	81.99	3.00 **221**	2.00 **210**	3.00 **204 881**					1	Alfa Romeo, Fiat
2C7356	92.00	2.00 **232**	2.00 **218**	4.00 **204 881**					1	Toyota, Volkswagen
2C7357	80.01	3.00 **225**	2.00 **210**	3.00 **204 881**					1	BMW
2D7359	92.00	2.00 **376**	1.50 **363**	3.00 **203 881**					4	Toyota
2C7361	91.01	2.50 **211**	2.00 **209**	3.00 **204 881**					1	Hyundai
2C7362	94.01	3.00 **225**	2.00 **210**	4.00 **204 881**					1	Vm Motori
2D7365	86.00	2.00 **212**	2.00 **210**	3.00 **204 881**					1	Ford European
2D7366	81.99	2.00 **205**	2.00 **214**	2.00 **248 881**					1	Alfa Romeo, Fiat, Opel, Saab, Vauxhall
2D7367	83.01	2.00 **240**	2.00 **126**	2.00 **248 881**					1	Dodge, Mercedes Benz
2D7368	89.89	2.50 **211**	2.00 **229**	3.00 **204 881**					1	Ford European
2D7374	84.00	2.50 **205**	2.00 **202**	2.00 **248 881**					1	BMW
2D7376	84.00	2.50 **241**	1.75 **218**	3.00 **204 881**					1	Opel, Vauxhall
2D7377	89.89	2.00 **205**	2.00 **234**	2.00 **248 881**					1	Ford European, Rover
2M7379	91.11	2.50 **231**	2.00 **236**	4.00 **204 881**					1	Hyundai, Mitsubishi
2M7382	83.01	2.00 **220**	2.00 **126**	2.00 **248 881**					1	Dodge, Jeep, Mercedes Benz
7384	92.99	2.00 **252**	2.00 **218**	4.00 **200 881**					1	Isuzu, Opel, Vauxhall
2C7384	92.99	2.00 **217**	2.00 **218**	4.00 **204 881**					1	
2C7401	97.10	2.00 **232**	2.00 **209**	3.00 **204 881**					1	Hyundai
2D7412	80.01	2.50 **205**	2.00 **210**	3.00 **204 881**					1	BMW
2M7423	89.00	2.50 **230**	1.75 **209**	2.50 **204 881**					1	Nissan, Renault
2C7424	78.99	2.00 **217**	1.50 **218**	3.00 **204 881**					1	Isuzu
2C7425	84.99	2.00 **225**	2.00 **210**	3.00 **204 881**					1	Honda
2C7428	82.19	2.00 **226**	1.50 **218**	3.00 **204 881**					1	Toyota
2D7431	75.01	2.50 **271**	1.95 **406**	2.00 **248 881**					4	Citroen, Ford European, Peugeot, Toyota, Volvo
2C7432	63.50	1.20 **398**	1.50 **126**	2.50 **995 732**					3	Mercedes Benz, Smart
2N7434	66.50	1.20 **322**	1.20 **406**	2.50 **987 714**					3	Smart
2D7435	83.01	2.00 **239**	2.00 **123**	3.00 **204 881**					1	Audi, Citroen, Fiat, Hyundai, Lada, Peugeot, Suzuki, Volkswagen
2D7436	102.01	3.00 **220**	2.50 **223**	4.00 **553 881**					1	Mercedes Benz

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2C7437	95.00	3.00 **232**	3.00 **206**	3.00 **210**	5.00 **204 881**				1	Renault
2D7440	83.01	2.00 **255**	1.75 **123**	2.00 **248 881**					4	Jeep, Mercedes Benz
2N7442	90.91	1.50 **326**	1.75 **406**	3.00 **203 881**					4	Mercedes Benz, Ssangyong
2D7448	65.51	1.50 **201**	1.50 **202**	2.50 **248 881**					1	Mercedes Benz
2C7449	94.39	3.00 **225**	2.00 **210**	2.50 **204 881**					1	Citroen, Fiat, Iveco, Peugeot, Renault
2M7450	94.39	2.50 **233**	2.00 **210**	2.50 **204 881**					1	Citroen, Fiat, Iveco, Opel, Peugeot, Renault, Vauxhall
2D7451	86.00	2.00 **212**	2.00 **210**	2.00 **248 881**					1	Ford European
2C7454	91.11	2.00 **226**	2.00 **218**	4.00 **204 881**					1	Hyundai, Mitsubishi
2D7455	84.00	2.50 **241**	2.00 **214**	3.00 **204 881**					1	Hyundai
2C7456	114.99	3.00 **370**	2.50 **401**	4.00 **553 881**					4	Isuzu
2C7458	92.00	2.50 **225**	2.00 **210**	4.00 **204 881**					1	Alfa Romeo, Chrysler, Ford Opel, Rover, Vauxhall, Vm Motori
2C7465	86.00	2.00 **226**	1.50 **218**	2.00 **248 881**					1	Toyota
2D7468	83.01	2.00 **213**	2.00 **223**	3.00 **204 881**					1	Hyundai, Kia
2D7473	114.30	3.18 **220**	2.78 **553 881**						1	Caterpillar, Ford
2D7476	81.00	2.50 **212**	2.00 **130**	3.00 **204 881**					1	Audi, Volkswagen
2D7484	102.01	3.00 **208**	3.00 **170**	4.00 **553 881**					1	Cummins
2C7487	81.00	1.75 **363**	2.00 **130**	2.00 **203 881**					1	Audi, Seat, Skoda, Volkswagen
2D7492	97.10	2.50 **211**	2.00 **209**	3.00 **204 881**					1	Hyundai
2D7493	114.30	3.18 **224**	3.18 **170**	2.78 **553 881**					1	Caterpillar
2D7495	87.00	2.50 **222**	2.00 **214**	3.00 **204 881**					1	Hyundai
2C7498	86.21	2.50 **227**	2.00 **202**	3.00 **204 881**					1	Ssangyong
2C7501	87.33	2.38 **362**	2.38 **126**	4.75 **860 732**					4	Ford
2C7503	88.90	2.38 **362**	2.38 **126**	2.38 **126**	6.35 **860 732**				4	International, Oliver
2C7505	80.98	2.38 **362**	2.38 **126**	4.00 **056 732**	4.00 **501**				4	Ford
2C7513	90.50	3.18 **362**	3.18 **126**	3.18 **126**	4.75 **501 825**	4.75 **501**			6	Allis Chalmers, Buda
2D7518	102.01	2.40 **205**	2.35 **135**	4.00 **553 881**					1	Cummins
2D7522	91.01	2.50 **211**	2.00 **257**	3.00 **203 881**					4	Hyundai, Kia
2D7524	114.30	2.38 **215**	2.38 **135**	4.75 **553 881**					1	Caterpillar
2D7528	83.01	1.50 **239**	1.50 **406**	2.00 **553 881**					4	Alfa Romeo, Chrysler, Fiat, Opel, Saab, Suzuki, Vauxhall
2D7531	89.00	2.00 **389**	2.00 **135**	3.00 **203 881**					4	Nissan
2D7534	83.01	1.75 **239**	2.00 **123**	3.00 **204 881**					6	Audi, Volkswagen
2D7536	85.73	3.18 **362**	3.18 **126**	3.18 **126**	6.35 **553 881**				4	Case, Continental
7537	84.15	2.38 **032**	2.38 **126**	4.00 **860 732**	4.00 **501**				4	Ferguson, Massey Ferguson

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2C7538	82.50	2.00 **217**	2.00 **218**	3.00 **204 881**					1	Ford European, Mazda
2D7540	78.99	2.00 **276**	2.00 **236**	3.00 **203 881**					4	Opel, Vauxhall
2C7543	79.38	3.18 **362**	3.18 **126**	3.18 **126** 6.35	**860 732**				4	International
2D7545	81.00	2.00 **255**	1.75 **123**	3.00 **553 881**					5	Volvo
2C7547	90.50	2.38 **362**	2.38 **126**	2.38 **126** 6.35	**860 732**				4	International
2D7549	84.99	2.50 **273**	2.00 **126**	2.00 **248 881**					4	Citroen, Ford European, Jaguar, Mitsubishi, Peugeot, Rover
2C7553	104.78	2.38 **363**	3.18 **126**	3.18 **126** 4.75	**860 732**				4	Allis Chalmers, International
2C7558	85.73	2.38 **362**	2.38 **126**	2.38 **126** 6.35	**860 732**				4	Case, International
2C7564	80.98	2.38 **362**	2.38 **126**	2.38 **126** 4.75	**860 732**				4	International
2C7567	92.08	3.18 **362**	3.18 **126**	3.18 **126** 4.75	**860 732**				4	Minneapolis Moline
2C7578	84.15	3.18 **362**	3.18 **126**	3.18 **126** 4.75	**860 732**				4	Continental, Ferguson, Massey Ferguson
2C7580	104.78	2.38 **363**	2.38 **126**	2.38 **126** 6.35	**860 732**				4	Allis Chalmers, Case, International
2C7581	92.08	2.38 **362**	2.38 **126**	2.38 **126** 4.75	**860 732**				4	Case, John Deere, Minneapolis Moline, Oliver
7582	82.55	2.38 **032**	2.38 **126**	4.00 **860 732** 4.00	**501**				4	Ferguson, Massey Ferguson
2C7582	82.55	2.38 **362**	2.38 **126**	4.00 **860 732** 4.00	**501**				4	
7584	82.55	2.38 **032**	2.38 **126**	2.38 **126** 4.75	**860 732**				4	International
2C7584	82.55	2.38 **362**	2.38 **126**	2.38 **126** 4.75	**860 732**				4	
2C7585	87.33	2.38 **362**	2.38 **126**	2.38 **126** 4.75	**860 732**	4.75 **501**			4	International
7593	92.08	2.38 **032**	2.38 **126**	2.38 **126** 4.75	**860 732**				4	Allis Chalmers, Case
2C7593	92.08	2.38 **362**	2.38 **126**	2.38 **126** 4.75	**860 732**				4	
2C7642	149.23	3.18 **362**	3.18 **102**	3.18 **102** 3.18	**102**	6.35 **501 825**			2	John Deere
2C7647	98.43	2.38 **363**	2.38 **126**	2.38 **126** 6.35	**860 732**				4	International
2C7654	101.60	2.38 **362**	2.38 **126**	2.38 **126** 6.35	**860 732**				2	International, John Deere
2C7656	101.60	2.38 **362**	2.38 **126**	2.38 **126** 6.35	**860 732**				6	Case
7659	92.08	3.18 **032**	3.18 **126**	3.18 **126** 4.75	**860 732**				4	Case
2C7659	92.08	3.18 **362**	3.18 **126**	3.18 **126** 4.75	**860 732**				4	
7663	92.08	2.38 **032**	2.38 **126**	2.38 **126** 4.75	**860 732**				4	Case, Waukesha
2C7666	101.60	2.38 **362**	3.18 **126**	3.18 **126** 6.35	**860 732**				4	Case
2C7669	95.25	3.18 **362**	3.18 **126**	3.18 **126** 4.75	**860 732**				4	Buda, Hercules, John Deere Minneapolis Moline, Oliver,
2C7671	85.73	2.38 **362**	2.38 **126**	2.38 **126** 4.75	**860 732**				4	Continental, Ferguson, Massey Ferguson
2C7673	99.06	2.38 **363**	2.38 **126**	4.75 **860 732**					4	Ford
2C7674	155.58	3.18 **362**	3.18 **102**	3.18 **102** 3.18	**102**	6.35 **501 825**	6.35 **501**		2	John Deere
2C7675	107.95	2.38 **363**	2.38 **126**	2.38 **126** 6.35	**860 732**				2	John Deere

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2C7677	92.08	2.38 **362**	2.38 **126**	2.38 **126**	6.35 **860 732**				4	International
2C7681	87.33	2.38 **362**	2.38 **126**	2.38 **126**	6.35 **860 732**				4	International
2C7687	90.50	2.38 **362**	2.38 **126**	6.35 **860 732**					6	International
7689	82.55	2.38 **032**	2.38 **126**	4.75 **860 732**					4	International
2C7689	82.55	2.38 **362**	2.38 **126**	4.75 **860 732**					4	
2C7690	155.58	4.00 **381**	3.18 **102**	3.18 **102**	3.18 **102**	6.35 **501 825**	6.35 **501**		2	John Deere
2C7696	79.38	2.38 **362**	2.38 **126**	6.35 **860 732**					4	International
2C7698	80.98	2.38 **362**	2.38 **126**	6.35 **860 732**					4	International
2C7702	95.25	2.38 **363**	2.38 **126**	2.38 **126**	4.75 **860 732**				6	Allis Chalmers, Oliver
2C7703	98.43	2.38 **363**	2.38 **126**	2.38 **126**	4.75 **860 732**				6	Allis Chalmers, Oliver
7705	87.33	2.38 **032**	2.38 **126**	2.38 **126**	4.75 **860 732**				4	Allis Chalmers, Case
2C7705	87.33	2.38 **362**	2.38 **126**	2.38 **126**	4.75 **860 732**				4	
7707	50.80	2.38 **102**	2.38 **401**	4.75 **501**					4	John Deere
2C7724	79.38	2.38 **362**	2.38 **126**	2.38 **126**	6.35 **860 732**				4	International
2C7731	139.70	4.75 **362**	4.75 **102**	4.75 **401**	4.75 **401**	4.75 **501 825**			2	John Deere
2C7733	114.30	4.75 **362**	4.75 **102**	4.75 **102**	4.75 **501 825**				2	John Deere
2C7742	90.50	3.18 **362**	3.18 **126**	3.18 **860 732**	6.35 **501**				2	John Deere
2C7745	92.08	3.18 **362**	3.18 **126**	3.18 **126**	4.75 **860 732**				4	Minneapolis Moline
2C7747	95.25	3.18 **362**	3.18 **126**	3.18 **126**	6.35 **860 732**				6	Oliver, Waukesha
2C7758	76.20	3.18 **362**	3.18 **126**	3.18 **126**	4.75 **871 732**				4	Continental, International
7762	85.73	3.18 **032**	3.18 **126**	3.18 **126**	4.75 **860 732**				4	Allis Chalmers, Continental, Ferguson, Massey Ferguson
2C7762	85.73	3.18 **362**	3.18 **126**	3.18 **126**	4.75 **860 732**				4	
2C7771	101.60	4.00 **362**	4.00 **102**	3.18 **401**	6.35 **860 732**				2	John Deere
2C7778	114.30	3.18 **362**	3.18 **126**	3.18 **126**	6.35 **501 825**	4.75 **501**			4	Case
2C7784	146.05	3.18 **362**	3.18 **102**	3.18 **102**	3.18 **102**	3.18 **102**	6.35 **710 732 825**	6.35 **501**	2	John Deere
7785	82.55	2.38 **032**	2.38 **126**	4.75 **860 732**					1	Onan, Wisconsin
2C7785	82.55	2.38 **362**	2.38 **126**	4.75 **860 732**					1	
2C7789	82.55	3.18 **362**	3.18 **126**	3.18 **126**	4.75 **860 732**				4	Case, Continental, Ferguson, Massey Ferguson
2C7790	87.33	2.38 **362**	2.38 **126**	3.18 **126**	6.35 **860 732**				4	International
2C7794	104.78	2.38 **363**	2.38 **126**	3.18 **126**	6.35 **860 732**				4	Allis Chalmers, International
2C7795	101.60	2.38 **363**	2.38 **126**	2.38 **126**	6.35 **860 732**				4	Case, International, Massey Ferguson
2C7796	101.60	2.38 **362**	2.38 **126**	2.38 **126**	6.35 **860 732**	6.35 **501**			4	International
2C7799	79.38	2.38 **362**	2.38 **126**	2.38 **126**	4.75 **860 732**				4	International

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2D7802	98.50	2.30 **208**	1.50 **257**	3.00 **203** **881**					4	Mitsubishi
2D7803	84.46	3.00 **378**	2.00 **406**	3.00 **553** **881**					1	Honda, Rover
2D7809	86.00	2.00 **385**	2.00 **135**	3.00 **203** **881**					4	Nissan
2D7810	83.01	2.00 **227**	2.00 **123**	3.00 **203** **881**					4	GM, Opel, Vauxhall
2D7811	84.99	2.50 **274**	1.50 **406**	2.00 **203** **881**					4	Honda
2D7816	84.00	1.75 **322**	1.75 **406**	2.00 **248** **881**					1	BMW, Ford
2D7821	77.19	1.75 **326**	1.75 **257**	3.00 **203** **881**					4	Hyundai
2D7827	81.00	2.00 **255**	1.75 **275**	2.00 **203** **881**					5	Volvo
2D7834	81.00	2.50 **255**	2.50 **123**	3.00 **553** **881**					5	Volkswagen
2D7836	69.60	1.50 **239**	1.50 **123**	2.00 **248** **881**					4	Fiat, Opel
7843	82.55	3.18 **032**	3.18 **126**	4.75 **860** **732**					2	Hercules, John Deere
2C7843	82.55	3.18 **362**	3.18 **126**	4.75 **860** **732**					2	
2C7844	88.90	3.18 **362**	3.18 **126**	4.75 **860** **732**					2	John Deere
7859	66.68	2.38 **102**	2.38 **126**	4.75 **871** **732**					4	Continental, Hercules, International, Kohler
2C7859	66.68	2.38 **362**	2.38 **126**	4.75 **871** **732**					4	
7868	82.55	3.18 **032**	3.18 **126**	3.18 **126**	4.75 **860** **732**				1	Wisconsin
7887	63.50	2.38 **126**	2.38 **126**	3.18 **126**	2.38 **126**	3.18 **126**			1	Bendix
7888	66.68	2.38 **126**	2.38 **126**	4.75 **501**					1	Bendix
2C7940	139.70	3.18 **362**	3.18 **102**	3.18 **102**	6.35 **501** **825**	3.18 **102**	6.35 **501**		2	John Deere
2C7941	93.68	2.38 **363**	2.38 **102**	2.38 **126**	4.75 **860** **732**				4	Case
2C7945	92.08	2.38 **362**	2.38 **126**	4.75 **860** **732**					6	Ford
2C7997	101.60	2.38 **363**	2.38 **126**	3.18 **126**	6.35 **860** **732**				4	Case, International, Massey Ferguson
2C7998	152.40	3.18 **362**	3.18 **102**	3.18 **102**	6.35 **401**	3.18 **501**	6.35 **501**		2	John Deere
2C7999	99.06	2.38 **363**	2.38 **126**	2.38 **126**	4.75 **501** **825**	4.75 **501**			4	Ford
8266	52.40	3.18 **401**	3.18 **401**	3.18 **401**	3.18 **401**				2	Bendix
SC8513	84.00	1.00 **398**	1.20 **126**	2.80 **861** **732**					4	Honda
9100	89.99	2.00 **032**	3.00 **126**	4.00 **860** **732**					6	Ford
9101	84.07	2.00 **032**	2.00 **401**	4.00 **056** **732**					4	Opel
2C9101	84.07	2.00 **362**	2.00 **401**	4.00 **056** **732**					4	
2C9340	84.99	1.50 **362**	2.00 **401**	3.00 **054** **732**					4	Lada
2D9349	92.99	2.50 **335**	2.00 **126**	4.00 **553** **881**					4	Citroen, Peugeot
2C9356	72.01	1.50 **362**	2.00 **401**	3.00 **054** **732**					4	Citroen, Peugeot
2M9365	78.49	1.50 **327**	1.50 **126**	3.00 **054** **732**					4	Citroen
2C9369	78.49	1.20 **398**	1.50 **126**	2.50 **934** **732**					4	Peugeot
2C9372	75.01	1.75 **362**	2.00 **401**	3.00 **054** **732**					4	Citroen, Peugeot

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2C9377	81.99	1.50 **362**	2.00 **126**	4.00 **058 732**					4	Lada
2D9384	92.99	3.00 **376**	2.00 **401**	4.00 **200 881**					4	Alfa Romeo, Fiat, Renault
2C9502	80.98	1.60 **363**	2.00 **126**	4.00 **860 732**					4	Ford British
2M9502	80.98	1.60 **336**	2.00 **126**	4.00 **860 732**					4	
2C9503	73.99	1.50 **362**	2.00 **401**	4.00 **058 732**					2	Citroen
9505	86.49	2.00 **032**	2.00 **126**	2.50 **126**	4.00 **860 732**				6	Mercedes Benz
2C9505	86.49	2.00 **362**	2.00 **126**	2.50 **126**	4.00 **056 732**				6	
2C9506	87.00	3.00 **363**	2.00 **401**	4.00 **056 732**					4	Mercedes Benz
9514	86.00	1.50 **032**	2.00 **435**	4.00 **056 732**					4	Fiat
2C9514	86.00	1.50 **362**	2.00 **435**	4.00 **056 732**					4	
9516	84.00	1.50 **102**	2.00 **401**	4.00 **056 732**					4	Fiat, Peugeot
2C9516	84.00	1.50 **362**	2.00 **401**	4.00 **056 732**					4	
9519	80.01	1.50 **032**	1.75 **401**	4.00 **056 732**					4	Alfa Romeo
2C9519	80.01	1.50 **362**	1.75 **401**	4.00 **056 732**					4	
2C9520	78.00	1.50 **362**	1.75 **401**	4.00 **056 732**					4	Alfa Romeo
9526	80.26	1.60 **102**	1.60 **102**	4.00 **056 732**					4	Austin Rover, M.G.
9547	82.50	1.50 **032**	1.50 **126**	2.00 **934 935**					5	Volkswagen
2C9547	82.50	1.50 **363**	1.50 **126**	2.00 **934 935**					5	
9549	98.43	2.00 **032**	2.00 **126**	4.75 **860 732**					2	Jeep