



HASTINGS
Piston Rings



2019 Master Catalog
EMEA





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. If it has an internal combustion engine, it will run better and longer with Hastings Piston Rings.

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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.

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE	
ACURA													
D16A1	1590		1.6 L	4	1986-89	Integra	75.00	1.20 1.50 2.80	398 BF CR S 435 SCR P C 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	
ENGINE	DISPLACEMENT Cubic Centimeters		LITERS	NO OF CYL IN ENGINE	YEAR	MODEL	BORE	HEIGHT	TYPE & DESCRIPTION	PART NUMBER		NO OF CYL IN RING SET	SIZE
	DISPLACEMENT Cubic Inches												



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)

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

COMMON MILLIMETER OVER/UNDERSIZES CONVERTED TO INCHES

MILLIMETERS	DECIMAL INCHES	MILLIMETERS	DECIMAL INCHES
0.0250	.0010	0.8000	.0315
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

DECIMAL INCHES	MILLIMETERS	FRACTION
.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"

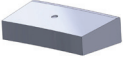

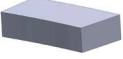
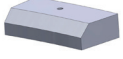
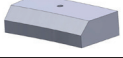
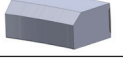
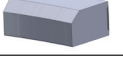
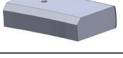
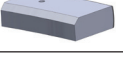
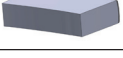
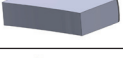
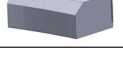
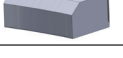
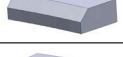

PISTON RING TYPES

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)

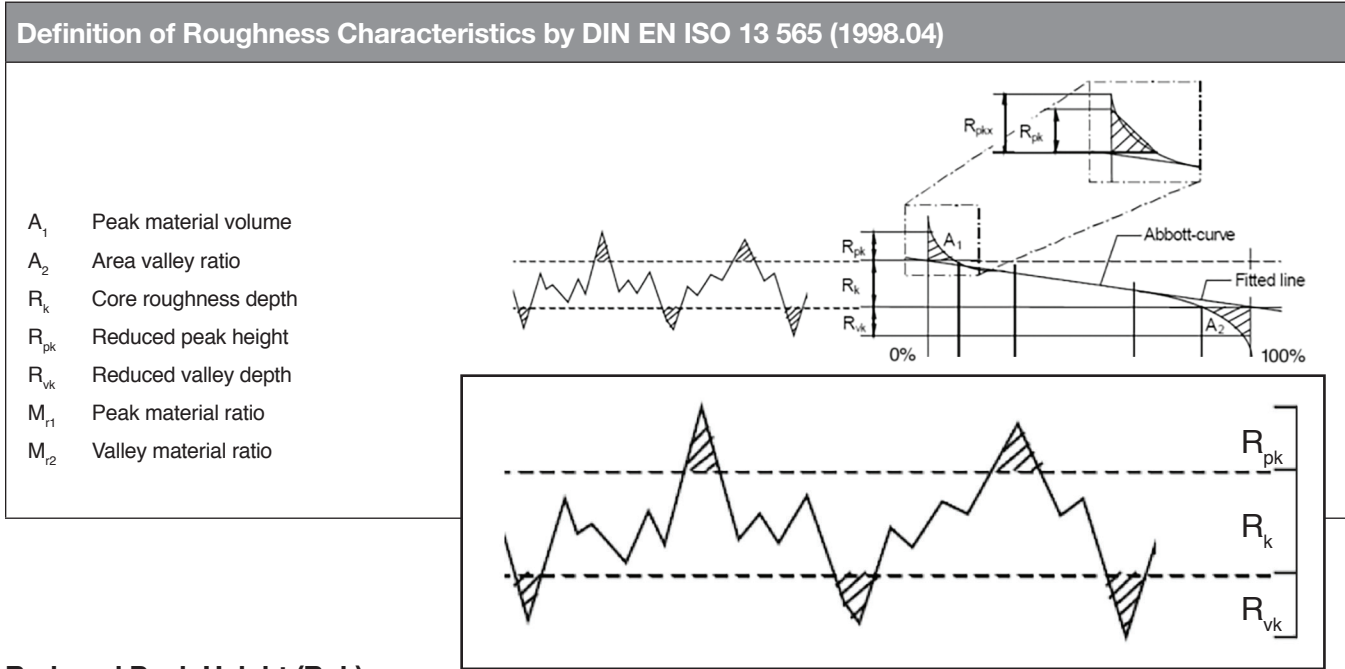
GV_TYP	TYPE	PROFILE	G1_COAT	G1_MATL	
240	UCR	FULL KEY STONE 6 DEG TORS BBL F	CERAMIC CHROME	DUCTILE IRON	
222	UCR	FULL KEY STONE 6DEG BARREL FACE	CERAMIC CHROME	DUCTILE IRON	
208, 241	UCR	FULL KEY STONE 7 DEG BARREL FACE	CERAMIC CHROME	DUCTILE IRON	
170	LCR	FULL KEY STONE 15 DEG TORSION	PHOSPHATE	GREY 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)



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

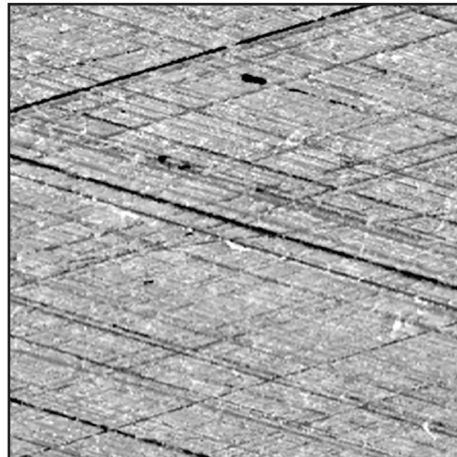
Pro-Stock & NASCAR:

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

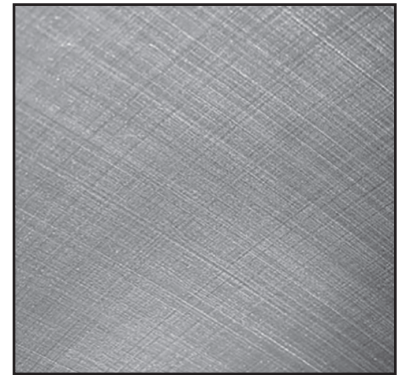
Oil Retention (valleys in bore surface)

- 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	CYLINDER DIAMETER IN INCHES	RING GAP TOLERANCE IN INCHES
25.4 to 60.00496	0.1524 to 0.3556	1.0000 to 2.3624	.006 to .014
60.0075 to 74.99096	0.2032 to 0.4064	2.3625 to 2.9524	.008 to .016
74.9935 to 89.97696	0.254 to 0.508	2.9525 to 3.5424	.010 to .020
89.9795 to 109.9795	0.3048 to 0.5588	3.5425 to 4.3299	.012 to .022
109.982 to 129.982	0.3556 to 0.6604	4.3300 to 5.1174	.014 to .026
129.9845 to 149.9845	0.4064 to 0.762	4.3300 to 5.1174	.016 to .030
149.987 to 175.0035	0.508 to 0.889	5.9050 to 6.8899	.020 to .035
175.006 to 228.5975	0.6096 to 1.0414	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 ENGINE RELEASES FOR HASTINGS MANUFACTURING

SET NUMBER		MANUFACTURER	ENGINE APPLICATION
NEW GASOLINE APPLICATIONS			
4355	STD, .020, .040, .060	AUSTIN MORRIS	12H 12 +D4:D14H996, 12 H999, 12 HA, 12 HC, A SERIES, A+ SERIES
		MERCEDES-BENZ	MK11, 1300 A SERIES, A+ SERIES
		ROVER	A SERIES 12 A2B 12 A2A, 12 A2L, A+ SERIES 12 A2D, 12 A2E, 12 H
2C4106	STD, .50mm	PEUGEOT	EW 10 J4, EW 10L3, EW 10L4
2C4107	STD	TOYOTA	1NR-VE
2C4108	STD	BMW	N52 B25, N52 B254, N52 B25C
2C4115	STD	GM	F14D4
2C4354	STD, .50mm	GM	LUJ, LUV, VVT
2C4356	STD, .50mm	FORD	1496cc 1.5 Litre ECOBOOST DOHC INCL TURBO, 1596cc 1.6Litre ECOBOOST DOHC INCL TURBO
2C4357	STD, .50mm, 1.0mm	HYUNDAI	G4NBB, DOHC
		KIA	G4NBB DOHC
2C4358	STD	SUZUKI	J24B
2C4501	STD	BMW	M54B22, M5422651
2C4504	STD, .50mm, 1.0mm	HYUNDAI	G4FA G4FC, GAMMA ,G4FJ
		KIA	G4FC, G4FJ GAMMA
2C5212	STD, .25mm, .50mm, 1.0mm	AUDI	1Y, 1X, AAZ, ADE, 3D, AAS,
		SEAT	1Y, AAZ, AEF,
		SKODA	AEF
		VOLKSWAGEN	KY, 1Y, 1X, ABL, AAZ, ADE, ADG, AEF, AJA, AAB
2C5384	STD, .50mm	HYUNDAI	G6BA
		KIA	G6A5
2C5385S	STD	AUDI	CDAA, CDHA, CDHB, CJEB, CJSA, CJSB, CAEA, CAEB, CAED, CAWB, CBFA, CCTA, CCZA, CDNA, CDNC, CESA, CETA, CFKA, CHHB, CJKA, CJXB, CJXC, CNCB, CNCD, CNCE, CPMA, CPMB, CPSA, CYFB, CYNB, CYPB, CYPB
		SEAT	CDAA, CDHA, CDHB CJSA, CJSB, CCZA, CCZB, CJXE, DEDA
		SKODA	CDAA, CDAB, CJSA, CJSB, CJSC, CCZA, CHHA, CHHB,
		VOLKSWAGEN	CDAA, CDAB, CJSA, CJSB, CJSC, CAWA, CAWB, CBFA, CCTA, CCZA, CCZB, CCZC, CCZD, CFPA, CHHA, CHHB, CJKA, CJKB, CJXB, CJXC, CJXE, CPLA, CPPA, CCCA
2C5389	STD, .50mm, 1.0mm	HYUNDAI	G4EA
		KIA	G4EA
2C5391	STD .020	AUDI	CTHG
		SEAT	CAVA, CAVE, CAVF, CNWB, CTHA, CTHE
		SKODA	CAVE, CTHE
		VOLKSWAGEN	CTHE, CTHA, CNWB, CNWA, CAVE, CAVD, CAVC, CAVB, CAVA, BWK, BMY, BLG
2C5392	STD	TOYOTA	1NR-FE, 2NR-FE, 3NR-FE
2C5393	STD	NISSAN	HR12DE
2C5395	STD, .50mm, 1.0mm	TOYOTA	3ZR-FE, 3ZR-FAE
2C5438 2N5438	STD .50mm	AUDI	CAXA, CAXC, CMSA, CNVA, BLF, BLP
		SEAT	CAXA, CAXC, BCA, BKY, BXW, CGGB 16V
		SKODA	CAXA, CAXC, BCA, BKY, BUD, BXW, CDDA, CGGA, CGGB CLPA, BLF
		VOLKSWAGEN	BCA, BKR, BKY, BUD, CAXA, CDDA, CGGA, CGGB, CPLA, CMSB, FSI, BLF, BLP
2C5637	STD	FORD	ZH12 Zetec S DHA, DHB, DHC, DHD, DHE, DHF, DHG
		SKODA	AUTO

NEW ENGINE RELEASES FOR HASTINGS MANUFACTURING

SET NUMBER		MANUFACTURER	ENGINE APPLICATION
NEW GASOLINE APPLICATIONS			
2C5675 2N5675	STD, .50mm	OPEL	Z12XE, X12XE, X10XE, Z10XE
		VAUXHALL	Z12XE, X12XE, ASTRA, AGILA, CORSA, X10XE, Z10XE
2C5881	STD	CITROEN	XU7JB (LFX) XU7JP(LFW, LFZ, L6A), XU92C(D2A, D2C, D2F) XU9J1 (DFZ) XU9J2(D6A) XU9JA (DKZ)
		PEUGEOT	XU5J, XU5JA, XU5JM 180, 180A, B6B, BDZ, BZF, XU9, XU9JA, XU9JAZ, XU9C, XU9S, XU9M, XU9J2, XU9J1, XU92C, DZA, DCZ, DFZ, D6A, D6B, DKZ,
2C7194	STD	TOYOTA	1TR-FE
2C7432	STD, .25mm, .50mm	MERCEDES-BENZ	M 160 E6AL B03, M 160 E6AL B04
		SMART	M 160 E6AL B03, M 160 E6AL B04, 160 E6AL B05
2C7434	STD, .25mm, .50mm	SMART	M 160.910, M160.922,M160.923,M160.921
2C7487	STD	AUDI	CRBC, CRLB, CRBD, CRFA, CRFC, CUNA,
		SEAT	CKFB, CKFC, CRVA, CRVC, CUNA, CUPA,
		SKODA	CKFB, CKFC, CUPA
		VOLKSWAGEN	CRBC, CRBL, CRVA,
2C7675	STD, .25mm, .50mm	OPEL	X10XE, X12XE, Z10XE, Z12XE
		VAUXHALL	X10XE, X12XE, Z10XE, Z12XE
2C9547	STD, .020, .040	VOLKSWAGEN	AAY
2N4158	STD	NISSAN	GA14, GA14S, AD Ban, GA15, GA15A
2N4207	STD	ISUZU	ZNG200,
		TOYOTA	5SFE, DOHC
2N4208	STD	GENERAL MOTORS	VIN 2 (SUZUKI)
2N4216	STD, .25mm, .50mm, .75mm, 1.00mm	MAZDA	B2600
		TOYOTA	22R, 22RE, 22RGC, 22RTEC
2N4603	.50mm, .75mm, 1.00mm	ISUZU	4ZD-1
2N4613	STD, .25mm	CHRYSLER	GTX, DOHC, SOHC, VIN A
		JEEP	GTX, DOHC
2N4631	STD, .50mm	HONDA	KA200
2N4633	STD, .25mm, .50mm, .75mm, 1.00mm	TOYOTA	2E-L, 3E, 3EE1.5 Litre
2N4648	STD, .50mm	CHRYSLER	VIN L,6
		JEEP-EAGLE	3.5 LITRE
2N4651	STD	MAZDA	BP, BP01, BP05-VE, Vin:6,P DOHC, SOHC
		PEUGEOT	XU5JP, XU5JPZ, XU7JB, XU7KP, XU7JPZ, XU7JP XU9J4
2N4683	STD, .25mm, .50mm, .75mm,	AUDI	1.6 LITRE
		GENERAL MOTORS	VIN 6
		TOYOTA	4AGLEC, 4AF, 4AFE 4AGZE
		VOLKSWAGEN	1.6 LITRE
2N4689	STD	LEXUS	3VZFE
		TOYOTA	3VZE
2N4733	STD, .25mm, .50mm, .75mm	GENERAL MOTORS	VIN 6, VIN 8 (TOYOTA)
		TOYOTA	4AFE, 4AG
2N4737	STD, .25mm	KIA	5BP, SOHC, DOHC
		MAZDA	B6Y2, MX-3
2N4767	STD, .25mm	HONDA	H22A4, H23A1
2N4885	STD, .75mm, 1.00mm	FORD	VIN 4 3.8L, VIN 6 3.9L, VIN 2,4, 4.2L

NEW ENGINE RELEASES FOR HASTINGS MANUFACTURING

SET NUMBER		MANUFACTURER	ENGINE APPLICATION
NEW GASOLINE APPLICATIONS			
2N4902	STD	LEXUS	1MZFE
		TOYOTA	1MZFE, DOHC
2N4908	STD, .25mm, .50mm	TOYOTA	2RZFE, 3RZFE
2N4911	STD, .50mm	TOYOTA	5VZFE
2N4933	STD, .25mm	JEEP	DOHC
		MINI	DOHC
2N4959	STD	GENERAL MOTORS	VIN C (SUZUKI)
		SUZUKI	J20A
2N4973	STD	HONDA	B20B4, B20Z2 CRV DOHC2.0 Litre
2N5006	STD, .25mm	TOYOTA	5SFE
2N5090	STD, .25mm, .50mm	TOYOTA	2AZFE, L4, DOHC
2N5091	STD	TOYOTA	1NZFE, 1NZFXE
2N5130	STD, .50mm	GENERAL MOTORS	Vin: A,D,F,P,J,N,Z, DOHC
		SAAB	B207
2N5158	STD, .50mm	FORD	DOHC,
		MAZDA	LF-DE, DOHC
2N5298	STD	HYUNDAI	SOHC, G4HC
2N5391	STD, .25mm, .50mm	AUDI	CTHG
		SEAT	CTHE
		SKODA	CAVE, CTHE
		VOLKSWAGEN	CNWA, CNWA, CTHA, CTHE
2N5438	STD, .25mm, .50mm	AUDI	CAXA, CAXC, CMSA, CNVA
		SEAT	CAXA, CAXC
		SKODA	BLF, CAXA, CAXC
		VOLKSWAGEN	CMSB
2N5664	STD	KIA	3FE
		MAZDA	FE, F2, F8
2N5672	STD	VOLKSWAGEN	EA211, CHYA, CHYB
2N6175	STD	MAZDA	E3, E5, GLC
2N7442	STD, .25mm, .50mm	MERCEDES-BENZ	M 161.971
		SSANGYONG	M 161.974
2M5380	STD .020	GM	L83, OHV
2C5393	STD	NISSAN	HR12DE
2C5395	STD, .50mm, 1.0mm	TOYOTA	3ZR-FE, 3ZR-FAE
2C5438 2N5438	STD .50mm	AUDI	CAXA, CAXC, CMSA, CNVA, BLF, BLP
		SEAT	CAXA, CAXC, BCA, BKY, BXW, CGGB 16V
		SKODA	CAXA, CAXC, BCA, BKY, BUD, BXW, CDDA, CGGA, CGGB CLPA, BLF
		VOLKSWAGEN	BCA, BKR, BKY, BUD, CAXA, CDDA, CGGA, CGGB, CPLA, CMSB, FSI, BLF, BLP
2C5637	STD	FORD	ZH12 Zetec S DHA, DHB, DHC, DHD, DHE, DHF, DHG
		SKODA	AUTO

NEW ENGINE RELEASES FOR HASTINGS MANUFACTURING

SET NUMBER		MANUFACTURER	ENGINE APPLICATION
NEW DIESEL APPLICATIONS			
2D4744	STD, .50mm, .75mm, 1.00mm, 1.50mm	GM	6.5 LITRE
2D4845	STD, .50mm, 1.00mm	GM	6.6 LITRE DURAMAX
2D4882	STD, .25mm, .50mm, .75mm, 1.00mm	FORD	7.3 LITRE DI
2D4914	STD, .50mm, .75mm, 1.00mm	CUMMINS	5.9 LITRE 12V
2D5374	STD, .25mm, .50mm, .75mm, 1.00mm	FORD	6.0 LITRE
2D5627	STD	MERCEDES-BENZ	OM 603.960, 606.961, 606.962, 606.964
2D5741	STD, .25mm, .50mm, .75mm	FORD	6.4 LITRE
2D5853	STD, .25mm, .50mm, .75mm, 1.00mm	FORD	6.7 LITRE
2D7188	STD	ISUZU	D-MAX 4JH1
2D7225	STD	ISUZU	4JJI-TC, 4JKI-TC
2D7276	STD, .50mm, 1.00mm	CUMMINS	5.9 LITRE 24V
2D7366	STD	ALFA ROMEO	JTDM, JTD159, 192 A5.000, 192 B1.000, 937 A4.000, 937 A5.000, 937 A6.000, 939 A2.000, 939 A3.000, 841 N.000, 841 M.000, 841 H.000, 841 G.000
		FIAT	JTD, 192 A5.000, 192 B1.000, 937 A4.000, 937 A5.000, 937 A6.000, 939 A2.000, 939 A3.000
		LANCIA	THESIS JTD, 841 G.000
		OPEL	Z 19 DTH, Z 19 DTJ CDTI
		SAAB	Z 19 DTH, Z 19 DTJ
		VAUXHALL	Z 19 DTH, Z 19 DTJ CDTI
2D7431	STD, .25mm, .75mm	CITROEN	DV6ETED (9HW) Euro 4, DV6ETEDM (9HK) Euro 4
		FORD	TZJA, TZJB
		PEUGEOT	DV6C (9HR), DV6CTED (9HD), DV6DTED (9HF) Euro 4, DV6DTED (9HP), DV6DTEDM (9HJ), DV6ETEDM (9HK)
		TOYOTA	3WZ-TV
		VOLVO	D 4162 T
2D7440	STD, .25mm, .50mm	JEEP	OM 651.925
		MERCEDES-BENZ	OM 651.955, OM 651.956, OM 651.957, OM 651.960, OM 651.961, OM 651.980



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.



CÓMO USAR ESTE CATÁLOGO

DESCRIPCIONES DE LOS ÍCONOS

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

NOMBRE DEL MOTOR	CILINDRADA CC	LITROS	NUMERO DE CILINDROS	MODELO	CALIBRE	TIPO Y DESCRIPCIÓN	DIMENSIONES
	CILINDRADA CU IN				ALTURA		EMBALAJE
			AÑO			NÚMERO DE LA PIEZA	



PREFIJO DE PISTÓN

Sin prefijo	Anillos de compresión de hierro fundido Anillos de control de aceite de hierro fundido o cromo	Prefijo 2D	Tiene varios revestimientos para anillos y materiales perfectos para motores modernos de diésel
Prefijo 2C	Anillos de compresión superiores de cromo Anillos de control de aceite de cromo	2N	Contiene componentes de nitruro (anillos superiores o 3 anillos de control de aceite)
Prefijo 2M	Anillos de compresión superiores de molibdeno Anillos de control de aceite de cromo		

CÓDIGOS Y ABREVIATURAS DE LOS MATERIALES

1PCO	1 ACEITE	PVD GN	DEPOSICIÓN FÍSICA DE VAPOR (PVD) NITRIDO
2PCO	2 ACEITES	PC	REVESTIMIENTO DE FOSFATO
FV	3 CONDUCTOS FLEXIBLES	PM	PLASMA Y MOLIBDENO
BF	CILINDROS	RVT	REVERSA TORSIONAL
CC	CROMO PARA CERÁMICA	RVT BF	CILINDRO DE REVERSA TORSIONAL
CR	CROMO	SCRP	ANILLO RASCADOR
CHR	BARRA DE CROMO	SCRP TF	ANILLO RASCADOR CÓNICO
CI	HIERRO CARBÍDICO	SS	ACERO INOXIDABLE
CF	CONFORMATIC	S	ACERO
CF KST	ANILLOS KEYSTONE CONFORMATIC	SN	NITRURO DE ACERO
DI	HIERRO DÚCTIL	ST	ANILLO RECTO
FKST	ANILLO KEYSTONE COMPLETO	TF	ANILLO CÓNICO
GI	HIERRO GRIS	TFN	ANILLO CÓNICO NAPIER
GL	ESPACIADORES DE CIERRE DE RANURA	TFN CI	ANILLO CÓNICO DE HIERRO CARBÍDICO NAPIER
HKST	ANILLO KEYSTONE MEDIO	T	TORSIONAL
DI	ALTA TENSIÓN	TBF	CILINDRO TORSIONAL
KYS	KEYSTONE	TTF	ANILLO TORSIONAL CÓNICO
N	NAPIER	3CR	CROMO TRIPLE
GN	NITRURADO		

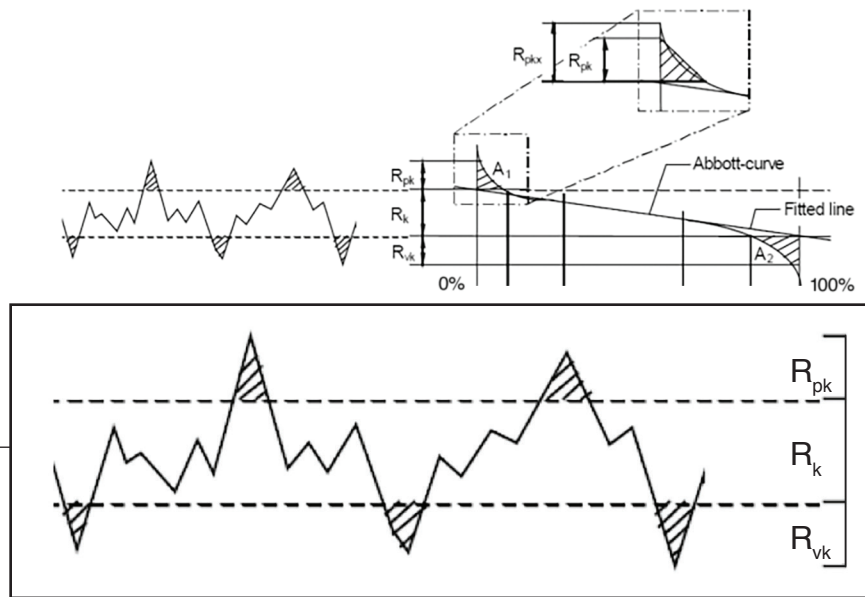
ACABADO DE LOS CILINDROS

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



Reduimiento 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.

Reduimiento 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

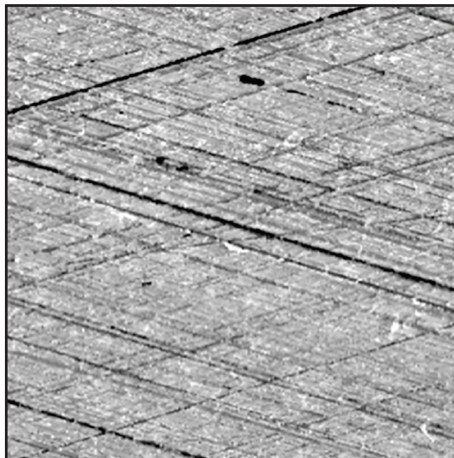
Pro-Stock y NASCAR:

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

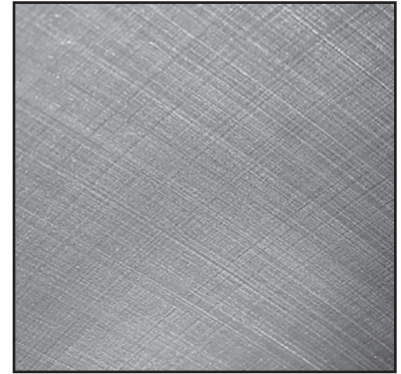
Retención de aceite (valles en la superficie del orificio)

- 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 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 متواجداً محرك احتراق داخلي، فإنه سيعمل بطريقة الإضل مع حلقات مكبس Hastings.

بادئات حلقات الكباس

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 لضغط الحلقة
- تلف المكبس - الخدوش، تلف الحز

العديد من الأشياء ليست خطأ من يقوم بإعادة البناء

- أجهزة الكمبيوتر (معايرة سيئة)
- المستشعرات (مستشعر سيء)
- صمام EGR (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 تنشوه الحلقة - لا تتخذ طريقًا لولبيًا على الحلقات
- ثم بتثبيت حلقات الاتجاه بحيث تكون النقطة لأعلى (وإلا فقد يتم ضخ الزيت)
- قم بتركيب حلقة زيت 3 قطع 2.0 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 180 درجة
- نظف التجويفات باستخدام ماء ساخن وصابون وفرشاة فرك؛ امسح باستخدام خرقة بيضاء نظيفة للتحقق من عدم وجود أي بقع
- 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 - غير الزيت بعد أول 3 آلاف ميل/4828 كيلومتر. لا تستخدم سوى زيت محرك أصلي إذا كان ذلك محددًا من قبل الجهة الصناعية

أداة تركيب حلقات الكباس

تتميز 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.



طريقة استخدام هذا الكتالوج - أوصاف الرموز

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
ACURA												
D16A1	1590		1.6 L	4	1986-89	Inteqra	75.00	1.20 1.50 2.80	398 BF CR S 435 SCR P 859 FV CR 732 FV CR	2C4640 2C4640010 2C4640020 2C4640030 2C4640040 2C4640060	STD 0.25 0.50 0.75 1.00 1.50	
كود المحرك	السعة الحجمية (سنتم مكعب	السعة الحجمية (بوصة مكعبة	السعة الحجمية (لتر)	عدد الأسطوانات	أعوام الصنع	الطراز	القطر (مم)	الارتفاع (مم)	النوع	الرقم	التعبئة	الأبعاد



حلقات الضغط من الحديد المصبوب
بدون بادئة..... حلقات من الحديد المصبوب أو زيت الكروم
البادئة C2 حلقات الضغط العلوية من الكروم
حلقات من زيت الكروم
بادئة M2..... حلقات الضغط العلوية من المولي
حلقات من زيت الكروم
بادئة D2..... له العديد من مختلف أنواع الطلاء لجانب مقدمة الحلقة
والمواد الملائمة
لتصميمات محركات الديزل الحديثة
N2..... يحتوي على مكونات تبريد
(حلقات علوية أو 3 قطع من الحلقات الزيتية)
SN..... تبريد من الفولاذ المقاوم للصدأ
(حلقات علوية أو 3 قطع من الحلقات الزيتية)

الرموز واختصارات المواد

PCO1..... زيت 1 قطعة
PCO2..... زيت 2 قطعة
FV..... فتحة مرنة 3 قطع
BF..... سطح الأنبوب
CC..... كروم سيراميك
CR..... كروم
CHR..... قضيب كروم
CI..... حديد كربيد
CF..... كونفورماتيك
CF KST..... أساس كونفورماتيك
DI..... حديد قابل للسحب
FKST..... أساس كامل
GI..... حديد رمادي
#####A مطلي بالفوسفات
#####A مولي بلازم
#####B@A التواء معكوس
#####B@A/3 سطح أنبوب بالتواء معكوس
#####A مكشط
#####A@A وجه مستدق الطرف للمكشط
#####A فولا مقاوم للصدأ
#####A فولا
#####A نيتريد من الفولا
#####A@A سطح مستقيم
@3..... وجه مستدق الطرف
TFN..... نابيير ذو وجه مستدق الطرف
TFN CI..... حديد كربيد لنابيير ذو وجه مستدق الطرف
T..... التواء
TBF..... سطح الأنبوب ملتوي
TTF..... وجه مستدق الطرف ملتوي
CR3..... كروم ثلاثي

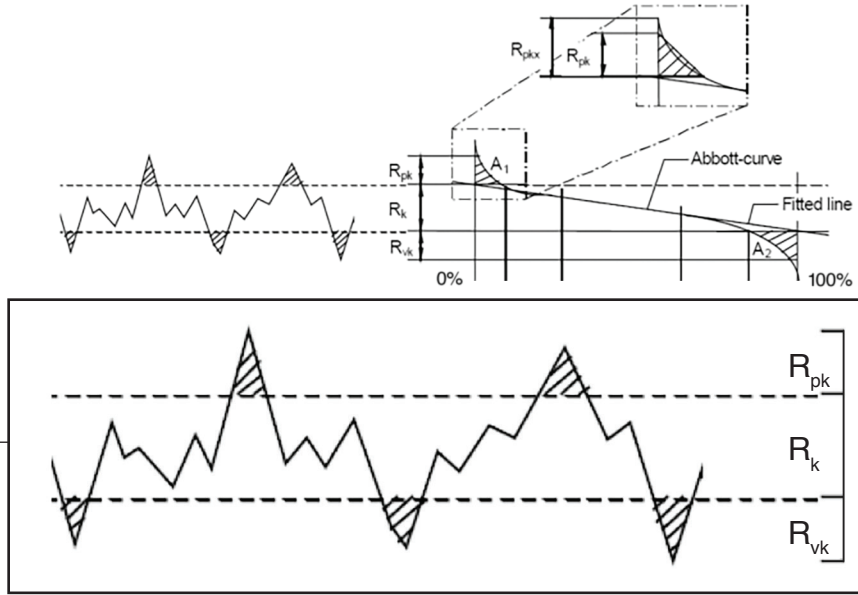
اللمسة النهائية للتجويف

حل Rpk و Rk و Rvk محل Ra 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 النسبية المنوية لتلامس المواضع بين جدران الاسطوانة والحلقات

Δ

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 (R_{pk})
الجزء العلوي من السطح الذي سيتآكل سريعاً عند بدء تشغيل المحرك
عمق خشونة القلب (R_k)
سطح التشغيل طويل الأمد، الذي سيؤثر في الأداء وفترة التشغيل للأسطوانة
عمق الوادي المنخفض (R_{vk})
قدرة الاحتفاظ بالزيت للأحواض العميقة، التي تم تشغيلها على السطح

توصيات الصناعة

طلبات عامة:

أداء جيد مع فترة تشغيل ملائمة

R_{pk} : 8-12 ميكرو بوصة (>12 المثالي)

R_k : 25-35 ميكرو بوصة (25 المثالي)

R_{vk} : 40-50 ميكرو بوصة (40 المثالي)

R_a : 40-50 ميكرو بوصة ومسموح بـ 12-23

:Pro-Stock & NASCAR

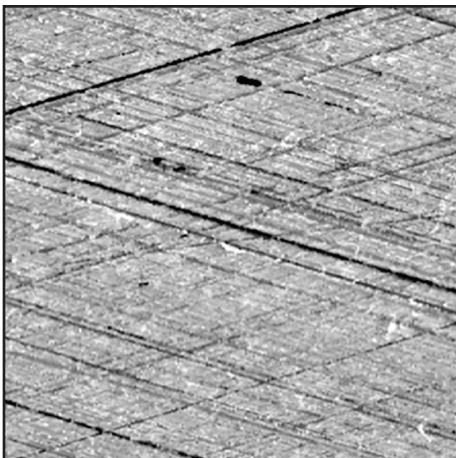
لمسة نهائية أكثر نعومة، فترة تشغيل أقل،

ولكن أقل احتكاكاً

R_{pk} : 3-5 ميكرو بوصة

R_k : 12-18 ميكرو بوصة

R_{vk} : 20-25 ميكرو بوصة





الاحتفاظ بالزيت وزاوية الخطوط المتقاطعة

الاحتفاظ بالزيت (أودية في سطح التجويف)

- يتميز Rvk بوجود معامل قوي للغاية بالنسبة لاستهلاك الزيت
- يؤدي Rvk الشديد إلى استهلاك شديد للزيت ودوران شديد للحلقة
- يمكن أن يؤدي Rvk غير الكافي إلى تآكل شديد للحلقة والتجويف
- زاوية المقطع العرضي
- تطبيق نموذجي في السيارات: 45° لكل منها (أو 22°-32° إلى

السطح الأفقي)

- يجب أن تكون زاوية المقطع العرضي نفسها خلال طول الأسطوانة وألا تتسطح عند أي طرف

• أداء الدوران لحلقات الشد المنخفض: 20° - 30°

- Nikasil® - الرش الحراري للتجويفات - تجويفات المادة المنصهرة: 10°-15°
- المصدر: بيانات زاوية الخطوط المتقاطعة بواسطة شركة Sunnen Products Company

الشحذ (محركات السباقات)

ممارسات الشحذ القياسية

إزالة المخزون

- EHU412 150 حجر الحصباء

– إزالة المخزون الكلي؛

ينتج عنه أودية عميقة

- "0020 مع JHU623 280 من حصباء الحجر

– تحضير خشونة القلب؛

ينظم عمق الأودية

- "0003 مع C30J95 500 من حصباء الحجر

– تحتاج تلك الأحجار إلى القطع

حتى طول 2.750"

– تحضير سمات الهضبة



Rpk: < 10 ميكرو بوصة

Rvk: 18-25 ميكرو بوصة

الشحذ (طلبات عامة)

ممارسات الشحذ القياسية

إزالة المخزون

- "0030 مع 100-80 من حصباء الحجر

– إزالة المخزون الكلي؛

ينتج عنه أودية عميقة

- "0015 مع 320-280 من حصباء الحجر

– تحضير خشونة القلب؛

ينظم عمق الأودية

- "0005 مع 600-400 من حصباء الحجر

تابع اللمسة النهائية للتجويف
العيوب الشائعة من اللمسة النهائية الجيدة للتجويف
تباع 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 الشد
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 اللغات في الدقيقة المستخدم
التأثيرات: قوى عالية التأثير تتسبب في تآكل شديد، وتوزيع رديء للزيت، وبطء في التشغيل الأولي للحلقات
يتم طي 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 قدر 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

التحقق من فجوات حلقة الضغط

الخلوص الموصى به لفجوات حلقة الضغط للسيارات

حقيقة مهمة يلزم تذكر أنه يجب الالتزام التام بتلك التفاوتات من قبل الجهات المصنعة وأن تخضع فجوات الحلقات في مقاييس دقيقة لـ "0001" عند قطر الأسطوانة التي يتم تصنيعها للحلقة. تؤدي أي زيادة في قطر الأسطوانة للحلقة المستخدمة، وذلك فيما يتجاوز الحجم المخصص، إلى زيادة قدرها "003" تقريباً في فجوة الحلقة بالنسبة لكل زيادة مقدارها "001" في قطر الأسطوانة.

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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 pièces 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.



COMMENT UTILISER LES DESCRIPTIONS DES ICÔNES DE CE CATALOGUE

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
ACURA												
D16A1	1590		1.6 L	4	1986-89	Integra	75.00	1.20 1.50 2.80	398 BF CR 5 435 SCRP PC GI 859 FV CR 732 FV CR	2C46#0 2C46#0010 2C46#0020 2C46#0030 2C46#0040 2C46#0060	STD 0.25 0.50 0.75 1.00 1.50	
CODE DU MOTEUR	CYLINDRÉE DU MOTEUR (cm cube)	CYLINDRÉE DU MOTEUR (litre)	NOMBRE DE CYLINDRES	ANNÉE DE FABRICATION	MODÈLE	ALÉSAGE	HAUTEUR DU SEGMENT (mm)	TYPE DU SEGMENT	RÉFÉRENCE	UNITÉ D'EMBALLAGE	DIMENSION	



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

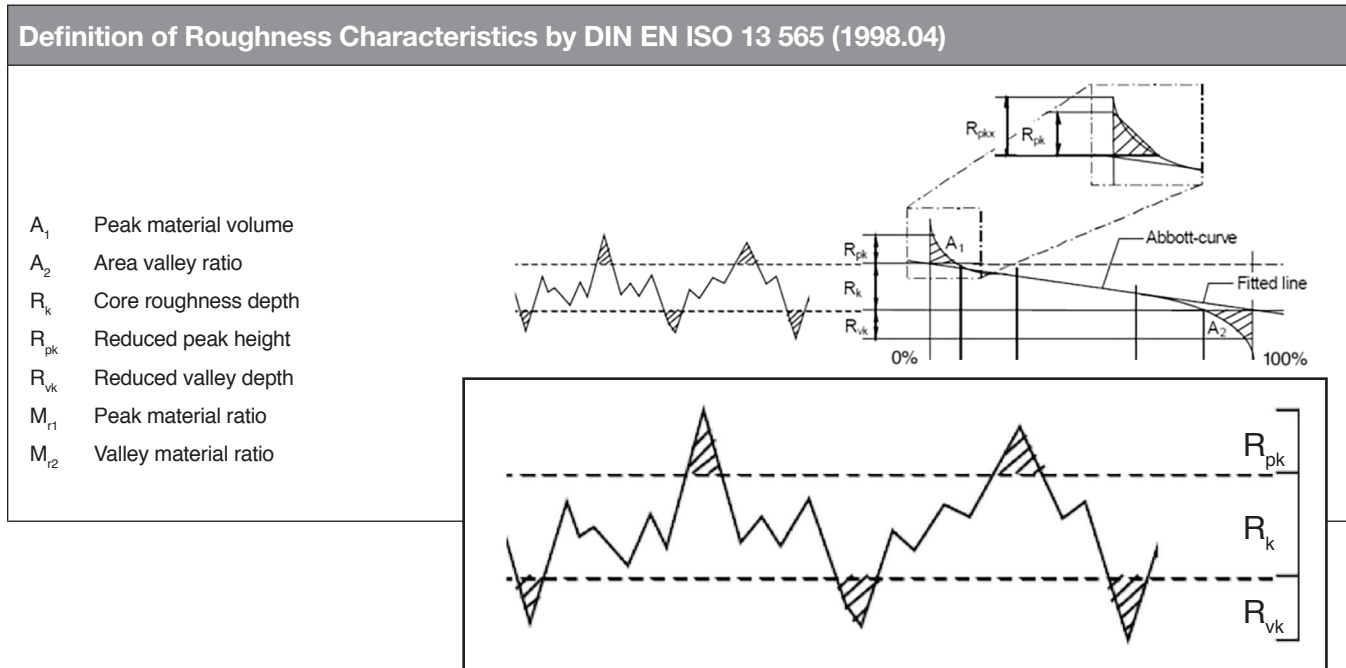
TTF..... FACE CONIQUE À TORSION

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)



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

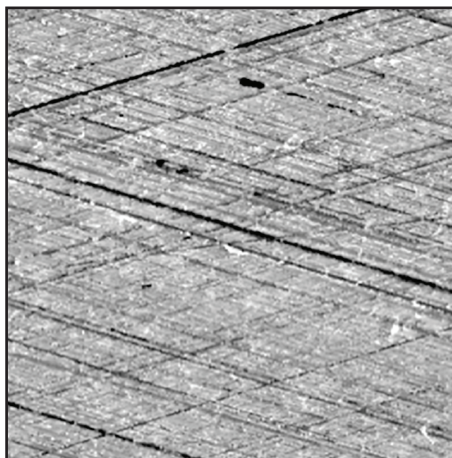
Pro-Stock et NASCAR autorisés :

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



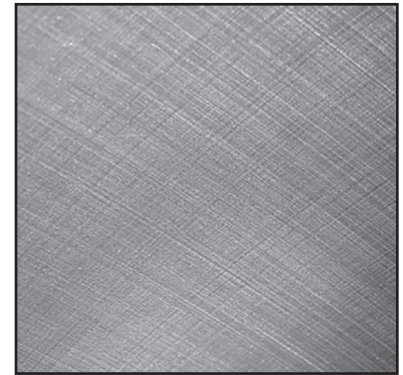
RÉTENTION D'HUILE ET ANGLE DE QUADRILLAGE

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 SEGEMENTS 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 ассортимент 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, устанавливаются следует меткой-точкой вверх (в противном случае возможно подкачивание масла)
- Чтобы избежать попадания расширителя 3-составного маслоъемного 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.

КАК ПОЛЬЗОВАТЬСЯ КАТАЛОГОМ

ОПИСАНИЕ ПИКТОГРАММ

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
ACURA												
D16A1	1590		1.6 L	4	1986-89	Integra	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

НАЗНАЧЕНИЕ
ДВИГАТЕЛЯ

Объем
двигателя в
куб. см

Объем
двигателя в
дюймах

количество
цилиндров

Объем
двигателя в
литрах

год
выпуска

МОДЕЛЬ

Диаметр

ВЫСОТА

ТИП И
ОПИСАНИЕ

НОМЕР
ДЕТАЛИ

Ремонтные
размеры



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

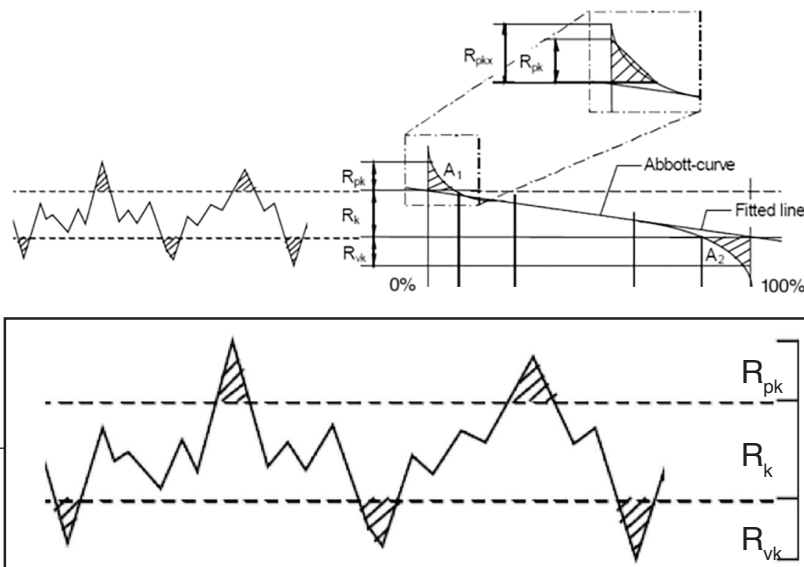
1PCO	1-СОСТАВНОЕ МАСЛОСЪЕМНОЕ	PM	ПЛАЗМЕННОЕ МОЛИБДЕНОВОЕ ПОКРЫТИЕ
2PCO	1-СОСТАВНОЕ МАСЛОСЪЕМНОЕ	RVT	С ВЫТОЧКОЙ НА ВНЕШНЕЙ ЦИЛИНДРИЧЕСКОЙ ПОВЕРХНОСТИ
FV	3-СОСТАВНОЕ ЭЛАСТИЧНОЕ С ЗАЗОРОМ	RVT BF	С ВЫТОЧКОЙ НА ВНЕШНЕЙ ЦИЛИНДРИЧЕСКОЙ ПОВЕРХНОСТИ И ФАСКОЙ
BF	СКРУГЛЕННАЯ ФАСКА	SCRP	МАСЛОСЪЕМНОЕ КОЛЬЦО
CC	ХРОМИСТАЯ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

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)

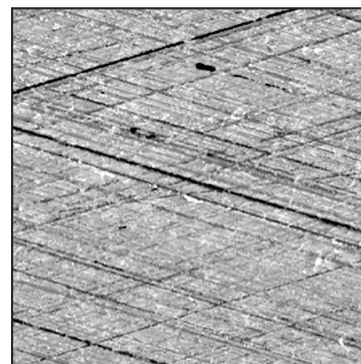
Pro-Stock и NASCAR:

Более гладкая поверхность, значительно более короткий срок службы, но меньшая сила трения

Rpk: 3-5 микродюймов

Rk: 12-18 микродюймов

Rvk: 20-25 микродюймов



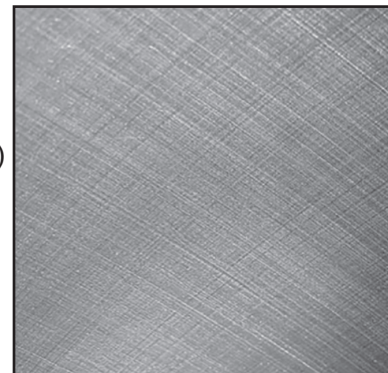
СПОСОБНОСТЬ УДЕРЖИВАТЬ МАСЛО И УГОЛ НАСЕЧКИ

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 ENU412 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 Ölabbstreifringe 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 trocknen 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

HINWEISE ZUR BENUTZUNG DES KATALOGS

SYMBOLBESCHREIBUNG

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
												
ACURA												
D16A1	1590		1.6 L	4	1986-89	Integra	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
MOTORBEZEICHNUNG	HABRAUM KUBIKZENTIMETER		LITER	ZYLINDERANZAHL	JAHR	MODELL	BOHRUNG	HÖHE	TYP UND BESCHREIBUNG	VERPACKUNG		ABMESSUNG
									ARTIKELNUMMER			



KOLBENRING PRÄFIX

No Prefix	Verdichtungsringe aus Gusseisen Ölabstreifringe aus Gusseisen oder Chrom	2D Prefix	Verschiedene Ringlaufflächenbeschichtungen und Materialien, die für moderne Dieselmotoren geeignet sind.
2C Prefix	Verchromte obere Verdichtungsringe Verchromte Ölabstreifringe	2N Prefix	Enthält Bestandteile aus Nitrit (obere Verdichtungsringe oder 3-teilige Ölabstreifringe).
2M Prefix	Molybdänbeschichtete obere Verdichtungsringe Verchromte Ölabstreifringe		

KODIERUNG UND MATERIALABKÜRZUNGEN

1PCO	EINTEILIGE ÖLABSTREIFRINGE	PVD GN	PVD NITRIERT
2PCO	ZWEITEILIGE ÖLABSTREIFRINGE	PC	PHOSPHATBESCHICHTET
FV	DREITEILIGE FLEXIBLE ÖLABSTREIFRINGE	PM	PLASMA-MOLYBDÄN-BESCHICHTUNG
BF	BALLIGE LAUFLÄCHE	RVT	RÜCKSEITE INNENFASE
CC	CHROMKERAMIK	RVT BF	RÜCKSEITE INNENFASE BALLIGE LAUFLÄCHE
CR	VERCHROMT	SCRP	ÖLSCHLITZRING
CHR	VERCHROMTE LAMELLEN	SCRP TF	GLEICHFASENRING
CI	EISENKARBID	SS	EDELSTAHL
CF	FORMFÜLLUNGSVERMÖGEN	S	STAHL
CF KST	FORMFÜLLENDER TRAPEZRING	SN	NITRIERTER STAHL
DI	DEHNBARES EISEN	ST	RECHTECKRING
FKST	DOPPELSEITIGER TRAPEZRING	TF	MINUTENRING
GI	GRAUGUSS	TFN	NASENMINUTENRING
GL	ZWISCHENRING	TFN CI	NASENMINUTENRING AUS EISENKARBID
HKST	EINSEITIGER TRAPEZRING	T	INNENFASE
DI	HOCH WIDERSTANDSFÄHIG	TBF	INNENFASE BALLIGE LAUFLÄCHE
KYS	TRAPEZRING	TTF	INNENFASE MINUTENRING
N	NASENRING	3CR	TRIPLE CHROME – DREIFACH CHROM
GN	NITRIERT		

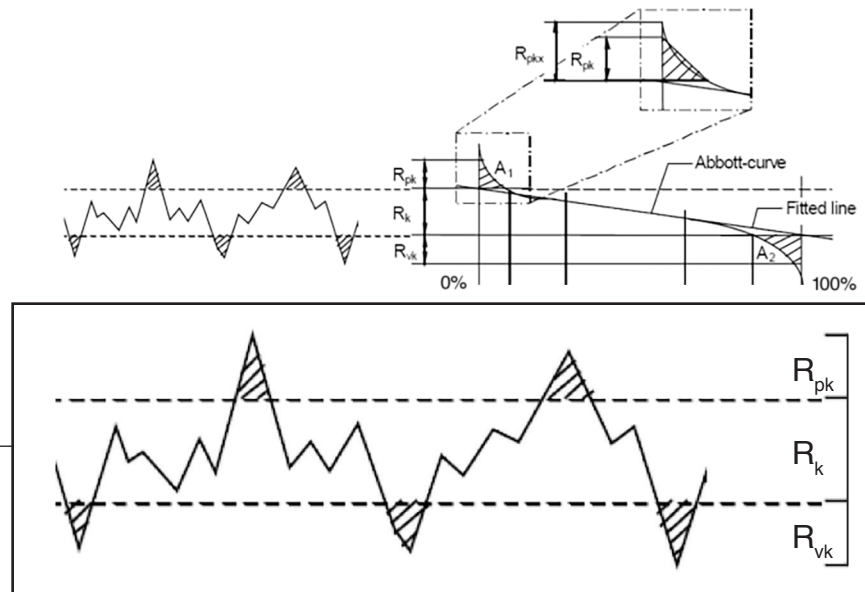
ZYLINDEROBERFLÄCHE

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 R_k ist die Tiefe des Rauheitskernprofils

Die Langzeitauffläche, welche die Leistung und die Lebensdauer des Zylinders beeinflusst

Reduzierte Riefentiefe R_{vk} 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)

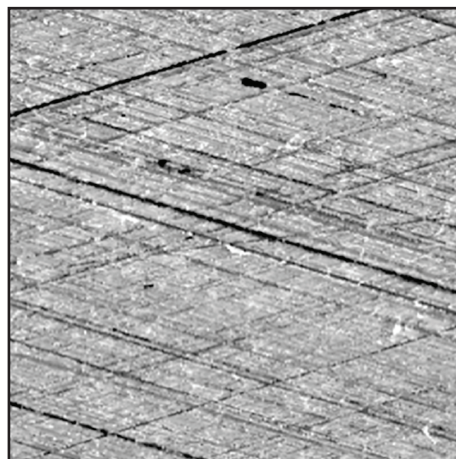
Pro-Stock & NASCAR:

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 Rennanwendungen 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**
- Korksleifklotz 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 Körnung, übermäßiger 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, übermäßige 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 Körnung/oder zu weich, unzureichende Schmierung

Wirkung: Verursacht Kratzer, hoher Verschleiß, erhöhte Ringtemperaturen, hoher und ungleichmäßiger Ölverbrauch

Zu geringe Ebenheit

Ursache: Zu grobe Körnung, unzureichende Abtragsmenge pro Schnitt

Wirkung: Übermäßiger Ringverschleiß, erhöhte Temperaturen

verglaste Oberfläche

Ursache: Übermäßige Steindrücke, verschlissene Steine (zu hart), unzureichende Schmierung

Wirkung: Verlangsamter Motoreinlauf und erhöhter Ölverbrauch

Übermäßige Hohlräume in der Zylinderwand

Ursache: Übermäßige Steindrücke, 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












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

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	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
ACURA												
D16A1	1590		1.6 L	4	1986-89	Integra	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
B17A1 B18C1 B18A1, B18B1, B18C5	1678 1797 1834		1.7 L 1.8 L 1.8 L	4 4 4	1991-93 1990-01 1990-01	Integra Integra Integra	81.00	1.00 1.20 2.80	398 BF CR S 126 RVT PC GI 861 FV CR 732 FV CR	2C4666 2C4666010 2C4666020 2C4666030 2C4666040	4	STD 0.25 0.50 0.75 1.00
R20A3	2354		2.0 L	4	2013-15	ILX	81.00	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C4850 2C4850010 2C4850020 2C4850030 2C4850040	4	STD 0.25 0.50 0.75 1.00
C25A1	2494		2.5 L	6	1986-87	Legend	84.00	1.20 1.20 4.00	398 BF CR S 126 RVT PC GI 058 FV CR 732 FV CR	2C4644 2C4644020 2C4644030 2C4644040	6	STD 0.50 0.75 1.00
G25A, G25A1, G25A4	2456		2.5 L	5	1991-98	TL, Vigor	85.00	1.20 1.20 2.80	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4779 2C4779020 2C4779030 2C4779040	5	STD 0.50 0.75 1.00
K20A2, K20A3, K20Z1	1998 1998	122 122	2.0 L 2.0 L	4 5	2002-05 2002-06	RSX RSX	86.00	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C5089 2C5089020 2C5089010 2C5089030 2C5089040	4	STD 0.50 0.75 1.00 1.00
F23A1	2254		2.3 L	4	1998-99	CL	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	2977		3.0 L	6	1997-98	CL	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
K24Z3, K24Z7	2354	4	2.4 L		2012-15	ILX, TSX V-TEC	87.00	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C5147 2C5147010 2C5147020 2C5147030 2C5147040	4	STD 0.25 0.50 0.75 1.00
K24A2 DOHC	2354	2354	4	2003-10	FI TSX		87.00	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5179 2C5179020 2C5179030 2C5179040	4	STD 0.50 0.75 1.00
C27A1	2675		2.7 L	6	1987-97	Legend	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
K24Z7	2354		2.4 L	4	2012-15	ILX Saloon	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
J32A1, J32A2, J32A3 J35A1, J35A3, J35A8 J35Y4, J35Z2 J35Z6, J35A6	3210 3471		3.2 L 3.5 L	6 6	1999-08 2001-17	CL-S, TL, TL-S MDX, RL, LX, TL, TL-S, RDX, RLX, 212. RDX, TL, TSX	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
C30A1, C30A C32A1, C32A6	2977 3206		3.0 L 3.2 L	6 6	1991-05 1991-98	NSX, NSX-T Legend, TL	90.00	1.20 1.20 2.80	398 BF CR S 126 RVT PC GI 861 FV CR 732 FV CR	2C4667 2C4667020 2C4667030 2C4667040	6	STD 0.50 0.75 1.00
C35A1	3474		3.5 L	6	1996-04	RL	90.00	1.50 1.20 2.80	335 T PM DI 126 RVT PC GI 861 FV CR 732 FV CR	2M4940 2M4940020 2M4940030 2M4940040	6	STD 0.50 0.75 1.00














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
ACURA												
C32B1	3179		3.2 L	6	1997-05	NSX, NSX-T	93.00	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C4781 2C4781010 2C4781020 2C4781030 2C4781040	6	STD 0.25 0.50 0.75 1.00
									397 BF PM S 126 RVT PC GI 995 FV CR 732 FV CR	2M4781 2M4781010 2M4781020 2M4781030 2M4781040	6	STD 0.25 0.50 0.75 1.00
ALFA ROMEO												
199 A1.000, 350 A1.000 Euro4/5, 955 A9.000	1368		1.4 L	4	2011-On	Mito 1.4	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
101	1290		1.3 L	4	1955-70	750, B, C, E, Guilletta, Std. Super,Berlina, Sprintti, Guilia 1300	74.00	2.00 2.00 4.00	102 T PC GI 401 SCRPP PC GI 058 FV CR 732 FV CR	5988 5988040	4	STD 1.00
									362 BF 3CR GI 401 SCRPP PC GI 058 FV CR 732 FV CR	2C5988 2C5988040	4	STD 1.00
AR 00526,AR 00536, AR 01600, AR 06100	1567		1.6 L	4	1964-90	Giulia,Giulia GT, Alfetta, Spider 1600, 75	78.00	1.50 1.75 4.00	362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C9520	4	STD
AR61101 Replacement Piston w/3.5mm oil ring	1597		1.6 L	4	1985-92	75	78.00	1.50 1.75 3.50	327 BF PM GI 401 SCRPP PC GI 058 FV CR 732 FV CR	2M5026	4	STD
AR 30104 AR 30160, AR 30180 AR 33501, AR 31010, AR 30755, AR 30753, AR 30732, AR 30587, AR 30586,AR30502, AR 30168,AR 30164 501, 501.41	1186 1287 1351		1.2 L 1.3 L 1.4 L	4 4 4	1972-86 1979-84 1977-96	Alfasud TI Alfasud Alfasud	80.00	1.50 1.75 4.00	032 BF PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR	9519 9519020 9519040	4	STD 0.50 1.00
	1779		1.8 L	4	1967-77	1750GT, Alfetta, Spider, Veloce			362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C9519 2C9519020 2C9519040 2C9519060	4	STD 0.50 1.00 1.50
AR 00548, AR 01608, AR 01608 X, AR 01678 AR 06168, AR 06202, AR 61102, AR 61201	1779		1.8 L	4	1967-92	1750 GT,Alfetta, 75	80.00	1.50 1.75 3.50	362 BF 3CR GI 401 SCRPP PC GI 055 FV CR 732 FV CR	2C4291	4	STD
AR 37101, 937 A2.000 839.A600, AR 36202, 841 C.000	1910 2387		1.9 L 2.4 L	4 5	2000-10 2000-08	JTD JTD Turbo Diesel	82.00	2.50 2.00 2.00	217 BF CR DI 210 SCRPP TF PC DI 248 CF CR 881 2PCO	2C7340	1	STD
AR 32302 AR 34202, AR 32501	1910 2387		1.9 L 2.4 L	4 5	1998-01 1998-00	JTD JTD Turbo Diesel	82.00	3.00 2.00 3.00	221 FKST CC DI 210 SCRPP TF PC DI 204 CF CR DI 881 2PCO	2D7355	1	STD
192 A5.000, 192 B1.000 937 A4.000, 937 A5.000 937 A6.000, 939 A2.000 AR 37101, 937 A2.000 939 A3.000, 841 N.000, 841 M.000, 841 H.000, 841 G.000, 839 A6.000, AR 36202, 841 C.000,	1910 2387		1.9 L 2.4 L	4 5	2000-12 2001-12	JTD, JTD 16V, JTDM 16V JTDM 16V Q4 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	1	STD
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	1956		2.0 L	4	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

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
												
ALFA ROMEO												
AR 30124, AR 30128, AR 30128, AR 30146, AR 30182, AR 30184, AR 30504, AR 30508, AR 30514, AR 30520	1490		1.5 L	4	1979-93	Alfasud, Sprint & Super, 33, 33 Sportwagon	84.00	1.50 1.75 4.00	032 BF PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR	4250	4	STD
									362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C4250	4	STD
AR 67102, AR 67101 AR 01588, AR 06166, AR 06224, AR 06416, AR 06420, AR 67201, AR 64103	1962		1.8 L 2.0 L	4 4	1989-96 1985-93	75 1.8, 155 2.0 T.S. 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
115	1962		2.0 L	4	1992-98 1972-82	155 2.0 T.S., 164 2.0 T.S. Alfetta, Alfetta GTV Berlina, GTV, Spider	84.00	1.50 1.75 4.50	102 T PC GI 401 SCRPP PC GI 871 FV CR 732 FV CR	4280	4	STD
									362 BF 3CR GI 401 SCRPP PC GI 871 FV CR 732 FV CR	2C4280	4	STD
AR67303	2492		2.5 L	6	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
VM82A, VM96A VM14HT, VM81A	1779 2393		1.8 L 2.4 L	4 4	1986-90 1983-92	TD 33 TD Alfetta, 75, 90	92.00	2.50 2.00 4.00	225 FKST CR DI 210 SCRPP TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
VM07B, VM08B, VM31B, VM32B, VM84A	2500		2.5 L	4	1987-99	TD 155, 164 Turbo Diesel						
8140.61.200, 8144.61, 8144.61.200	2445		2.5 L	4	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 SCRPP PC GI 200 CF PC GI 881 2PCO	2D9384	4	STD
AR 06120, AR 06124, AR06410, AR 61503, AR 64301	2959		3.0 L	6	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		Continental Engine	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		Waukesha Engine	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		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

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
ALLIS CHALMERS												
B, C, CA, R & 138 Allied Kit #WSA494 Ertel Slv Kit #SA201 Genuine Parts #S159 McQuay Norris#SA197 Perfect Circle #WSA494				4			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 362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7705 2C7705	4 4	STD STD
B, IB,G153 Permite Slv Kit#CSA273				4			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 362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5063 5063060 2C5063	4 4	STD 1.50 STD
WD45				6		Diesel	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
G149 D14 G246, G262				4 6		D 10, D12 SERIES II, III S/N 3501-ON D14, D15G, H3, I40, I400, 1400 10, 66,90, 72 D19, TL14 C, CB, CH, CR, CT, C11, F, G	88.90 90.49	3.18 3.18 3.18 4.75 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 362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5117 2C468	4 6	STD STD
D262, D262T D262 D262				6		Diesel D17 SERIES III, IV, D19 Diesel A, B, R S/N 119460-on Diesel DD, TL10D, 12D	90.49	2.38 2.38 2.38 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	2C7136	6	STD
D262 DA262D DA262				6		Diesel D17D, D17D Series IV Diesel A, B, R To S/N 119460 Diesel DD; TL10D 12D	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
G160 Gas or LPG Eng.				4		D15 Series II S/N 9001-on H3, I60G, I600G , G160	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 362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7593 2C7593	4 4	STD STD
G2500				6		One-Eighty	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



ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
ALLIS CHALMERS												
4.236				4		Perkins Diesel One-Seventy	98.48	2.38 2.38 2.38 6.35 6.35	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 501 1PCO PC GI 825 2PCO 501 1PCO PC GI	2C7201	4	STD
G2800				6		Gas or LPG One-Ninety XT TL545 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
D2900				6		Diesel Eng	98.48	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
D2800 D2900 301 D2900 Sleeved Eng.				6		ONE-Eighty, One Ninety One-Ninety XT Turbo 7000 Turbo TL545, 545D, 545H Diesel Eng	98.48	2.38 2.38 2.38 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7174	6	STD
D2200				4		Diesel	98.48	2.38 2.38 2.38 4.75	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7125	4	STD
G226, W25, W45, W201 W226 GAS or LPG				4		One-Seventy, D17 III, IV Piston#226347 SUPER 100 TL10, 11, 12, D, DG	101.60	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	2C702	4	STD
W White Machine Piston #A1070 Sleeved Eng.				4			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
W Genuine Slv Kit #S155, 156, 157; SA377, 379				4			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
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			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												
	1393	85	1.4 L	4	1983-87	Alliance	76.00	1.75 2.00 4.00	102 T PC GI 401 SCRPP 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 SCRPP PC GI 056 FV CR 732 FV CR	2C4330 2C4330010 2C4330020 2C4330040	4	STD 0.25 0.50 1.00
L-Head & OHV	3195	195	3.2 L	6	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

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
AMERICAN MOTORS												
			3.2 L	6	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
	1721	105	1.7 L	4	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
	2000	121	2.0 L	4	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
	2200	135	2.2 L	4	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
	4097	250	4.1 L	8	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
	3261 3802 4228	199 232 258	3.3 L 3.8 L 4.2 L	6 6 6	1964-70 1967-83 1971-89		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














ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
AMERICAN MOTORS												
	4703 4752 4982	287 290 304	4.7 L 4.8 L 5.0 L	8 8 8	1963-66 1966-69 1970-79		95.25	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	568 568010 568020 568030 568040 568060 568080 568100	8	STD 0.25 0.50 0.75 1.00 1.50 2.00 2.50
									363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C568 2C568010 2C568020 2C568030 2C568040 2C568060	8	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	2M568 2M568010 2M568020 2M568030 2M568040 2M568060 2M568080 2M568100	8	STD 0.25 0.50 0.75 1.00 1.50 2.00 2.50
	2458	150	2.5 L	4	1983-92		98.43	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	665 665010 665020 665030 665040 665060	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	2C665 2C665010 2C665020 2C665030 2C665040 2C665060	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	2M665 2M665010 2M665020 2M665030 2M665040 2M665060 2M665080	4	STD 0.25 0.50 0.75 1.00 1.50 2.00
	3966	242	4.0 L	6	1986-89		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	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
AMERICAN MOTORS												
	2474	151	2.5 L	4	1982-88	Deep Oil Ring Grv.	101.60	1.60 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	4366 4366020 4366030 4366040 4366060 2C4366 2C4366020 2C4366030 2C4366040 2C4366060 2M4366 2M4366020 2M4366030 2M4366040 2M4366060	4	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
	2474	151	2.5 L	4	1982-88	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 362 BF 3CR GI 126 RVT PC GI 872 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 872 FV CR 732 FV CR	5663 5663020 5663030 5663040 5663060 2C5663 2C5663020 2C5663030 2C5663040 2C5663060 2M5663 2M5663020 2M5663030 2M5663040 2M5663060	4	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
	2474	151	2.5 L	4	1980-81	Shallow Oil Ring Grv.	101.60	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 872 FV CR 732 FV CR 397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	5630 5630020 5630030 5630040 2C5630 2C5630020 2C5630030 2C5630040 2C5630060 2M5630 2M5630020 2M5630030 2M5630040	4	STD 0.50 0.75 1.00 STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
AMERICAN MOTORS												
	5359	327	5.4 L	8	1957-66	Rebel 5730, Rambler Ambassador	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
	2474	151	2.5 L	4	1980	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	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
	5621 5899	343 360	5.6 L 5.9 L	8 8	1967-69 1970-79		103.63	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	693 693020 693030 693040 693060	8	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C693	8	STD
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M693 2M693020 2M693030 2M693040 2M693060	8	STD 0.50 0.75 1.00 1.50

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
												
AMERICAN MOTORS												
	6391 6571	390 401	6.4 L 6.6 L	8 8	1968-70 1971-76		105.79	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	672 672030 672040	8	STD 0.75 1.00
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C672	8	STD
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M672 2M672030 2M672040	8	STD 0.75 1.00
	6571	401	6.6 L	8	1971-74	Performance Eng.	105.79	1.60 1.60 4.75	336 T PM DI 126 RVT PC GI 622 FV CR 732 FV CR	2M5542 2M5542030 2M5542045 2M5542065	8	STD 0.75 1.13 1.63
AUDI												
HB, HC, HD	1093		1.1 L	4	1974-80	1000, 50GL, 50LS	69.50	1.75 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 055 FV CR 732 FV CR	6192 6192020 6192040	4	STD 0.50 1.00
									362 BF 3CR GI 401 SCRPP PC GI 055 FV CR 732 FV CR	2C6192 2C6192010 2C6192020 2C6192030 2C6192040	4	STD 0.25 0.50 0.75 1.00
HB, HC, HD	1093		1.1 L	4	1974-80	1000, 50GL, 50LS	69.50	1.75 2.50 4.00	362 BF 3CR GI 401 SCRPP PC GI 055 FV CR 732 FV CR	2C4484 2C4484010 2C4484020	4	STD 0.25 0.50
CBZA, CBZB, CJZA	1197		1.2 L	4	2010-18	A1, A3	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
	1043		1.0 L	4	1987-On	80, G40	75.00	1.75 2.00 3.00	362 BF 3CR GI 401 SCRPP PC GI 054 FV CR 732 FV CR	2C5086 2C5086020 2C5086040	4	STD 0.50 1.00
ZA, ZF	1297		1.3 L	4	1972-79	80	75.00	2.00 2.50 4.00	032 BF PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR	4360 4360020 4360040	4	STD 0.50 1.00
									362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C4360 2C4360010 2C4360020 2C4360030 2C4360040	4	STD 0.25 0.50 0.75 1.00
EP	1297		1.3 L	4	1978-88	80, 80L	75.00	1.50 1.75 3.00	032 BF PC GI 401 SCRPP PC GI 054 FV CR 732 FV CR	4693 4693020 4693030 4693040	4	STD 0.50 0.75 1.00
									363 BF CR GI 401 SCRPP PC GI 054 FV CR 732 FV CR	2C4693 2C4693020 2C4693030 2C4693040	4	STD 0.50 0.75 1.00
BLG, BMY, BMY,CAVA CAVB, CAVC, CAVD, CAVE, CNWA, CNWB CTHA, CTHE	1390		1.4 L	4	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














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
AUDI												
	1471		1.5 L	4	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 DE, NC	1588 1986		1.6 L 2.0 L	5 5	1978-91 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
CN	1986		2.0 L	5	1978-90	100 Diesel	76.50	1.75 2.00 3.00	362 BF 3CR GI 401 SCRPP PC GI 204 CF CR DI 881 2PCO	2D4498 2D449825 2D449850 2D449875 2D4498100	5	STD 0.25 0.50 0.75 1.00
CAXA, CAXC, CMSA, CNVA BAG, BLF, BLP	1390 1598		1.4 L 1.6 L	4 4	2006-13 2004-08	TFSI TURBO A1, A3 FSI A3	76.50	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 5 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	2496		2.5 L	6	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 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 3D, AAS	1422 1896 2370		1.4 L 1.9 L 2.4 L	3 4 5	2000-05 1989-10 1989-94	A2 TDI Diesel A3, A4, A6, Avant, Quattro, Sportback Diesel 100, Avant, Transporter 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
YN, YM, YK, YH, YG, WZ, WY, WV WH, WN	1588 1921		1.6 L 1.9 L	4 4	1975-86 1980-84	80, 100 80, 100 Avant	79.50	1.75 2.00 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	4490 4490010 4490020 4490030 4490040 4490060	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	2C4490 2C4490010 2C4490020 2C4490030 2C4490040 2C4490060	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	2M4490 2M4490010 2M4490020 2M4490030 2M4490040 2M4490060	4	STD 0.25 0.50 0.75 1.00 1.50
	1588		1.6 L	4	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

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
AUDI												
049	1588		1.6 L	4	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 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	6118 6118020 6118030 6118040 2C6118 2C6118020 2C6118040	4	STD 0.50 0.75 1.00 STD 0.50 1.00
KE,KF, KK, KL, WB, WC, WD, WE,WG	2144		2.1 L	5	1977-84	80 quattro,Coupe 2.1GT, 100 Avant	79.50	1.75 2.00 4.00	363 BF CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C6145 2C6145020	5	STD 0.50
				4		60, 72, 80 Valiant	80.00	2.00 2.50 5.00	032 BF PC GI 401 SCRIP PC GI 871 FV CR 732 FV CR 362 BF 3CR GI 401 SCRIP PC GI 871 FV CR 732 FV CR	6113 2C6113	4	STD STD
ABM, ADA, DT, DTA, JU, PP, RN, SA DR, JN, MG, RU, SF	1595 1781		1.6 L 1.8 L	4 4	1979-96 1983-92	80 80, 100, Quattro, Coupe	81.00	1.50 1.75 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 054 FV CR 732 FV CR 335 T PM DI 126 RVT PC GI 054 FV CR 732 FV CR	4341 4341010 4341020 4341030 4341040 2C4341 2C4341010 2C4341020 2C4341030 2C4341040 2M4341 2M4341010 2M4341020 2M4341030 2M4341040	4	STD 0.25 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00
ALZ, ANA, AVU, BFQ, BGU, BSE, BSF, CCSA	1595		1.6 L	4	1994-12	A3, A4	81.00	1.00 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C4590 2C4590020 2C4590040	4	STD 0.50 1.00
	1588		1.6 L	4		A4	81.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR 335 T PM DI 126 RVT PC GI 054 FV CR 732 FV CR 322 BF GN SS 126 RVT PC GI 987 FV GN SS 714 GN SS	4683 4683020 4683030 4683040 2M4683 2M4683010 2M4683020 2M4683030 2M4683040 2N4683 2N468325 2N468350 2N468375	4	STD 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00 STD 0.25 0.50 0.75
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	1781		1.8 L	4	1995-09	A3, A4, A6, TT Turbo A3, S3, TT Quattro	81.00	1.50 1.75 2.00	032 BF PC GI 126 RVT PC GI 993 FV CR 005 FV CR 335 T PM DI 126 RVT PC GI 993 FV CR 005 FV CR	4923 4923020 2M4923 2M4923020 2M4923030 2M4923040	4	STD 0.50 STD 0.50 0.75 1.00
HP, JS, KP, PS, RT, SK, SL 1B, 2B, HX, HY, JT, KM, KU,KZ, MC, RR,KV, KX,	1994 2226		2.0 L 2.2 L	5 5	1984-92 1982-92	20L 90, Quattro, Coupe 80, 90, 100, 200, Avant, Quattro	81.00	1.50 1.75 3.00	335 T PM DI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D4541 2D454150 2D454175	5	STD 0.50 0.75














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
AUDI												
BDK, BLB, BMM, BNA BPW, BRD, BVA, BVF, BVG	1968		2.0 L	4	2003-07	A3, A4 SOHC Tdi 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
CRBC, CRLB, CRBD, CRFA, CRFC, CUNA	1968		2.0 L	4	2012-on	A3 Tdi Turbo Diesel	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
BDW	2393		2.4 L	6	2004-08	A6, A6 Avant	81.00	1.20 1.50 2.00	322 BF GN SS 406 N PC DI 203 CF GN SS 881 2PCO	2N4097 2N409725 2N409750	6	STD 0.25 0.50
BDV, AML, AGA, AJG, APC, APS, ASM, ARN AMM, ALW, ALF	2400		2.4 L	6	1997-03	A4, A6	81.00	1.50 1.50 2.00	327 BF PM GI 401 SCRIP PC GI 203 CF GN SS 881 2PCO	2D5020	6	STD
AAT, ABP, AEL	2461		2.5 L	5	1990-97	TDi Avant, Estate Turbo Diesel	81.00	2.50 2.00 3.00	212 TBF CC DI 130 RVT PC GI 204 CF CR DI 881 2PCO	2D7476 2D747650	1	STD 0.50
APB, BEL	2700		2.7 L	6	2000-05	A6 Quattro incl. turbo	81.00	1.50 1.75 2.00	335 T PM DI 126 RVT PC GI 993 FV CR 005 FV CR	2M4584 2M4584020 2M4584030 2M4584040	6	STD 0.50 0.75 1.00
AAD, ABA, ABK, ADY AXW, AXX, BGB, BLR, BLX, BLY, BMB, BPG, BPJ BPY, BUL, BVZ ASN, BBJ	1984 2976		2.0 L 3.0 L	4 6	2005-12 2003-11	A3, A4, A5, TT, Q5 A6, A8	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	1984		2.0 L	4		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	2309		2.3 L	5	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	2309		2.3 L	5	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	2771 3000		2.8 L 3.0 L	6	1996-03 2001-06	Cabriolet, Quattro A4, A6,	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
CDA, CDHA, CDHB, CJEB, CJSA, CJSB, CAEA, CAEB, CAED, CAWB, CBFA, CCTA, CCZA, CDNA, CDNC, CESA, CETA, CFKA, CHHB, CJK, A, CJXB, CJXC, CNCB, CNCD, CNCE, CPMA, CPMB, CPSA, CYFB, CYNB, CYPA, CYPB	1798 1984		1.8 L 2.0 L	4 4	2005-15 2005-15	TSI 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 ASN	1984 2976		2.0 L 3.0 L	4 6	2003-10 2005-10	A3, A4, A6 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

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
												
AUDI												
CAND, CASB, CATA, CDYB DOHC	2967		3.0 L	6	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 CAPA, CASA, CCLA CCMA, CCWA, CCWB CDYA, CDYC	2698 2967		2.7 L 3.0 L	6	2007-On 2007-11	A4, A5, A6 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	1984		2.0 L	4	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 362 BF 3CR GI 126 RVT PC GI 871 FV CR 732 FV CR	4466 4466020 4466040 4466060 2C4466 2C4466010 2C4466020 2C4466040 2C4466060	4 4	STD 0.50 1.00 1.50 STD 0.25 0.50 1.00 1.50
AUSTIN ROVER												
99H ADO16, 10F	998 1098		1.0 L 1.1 L	4	1968-80 1963-70	Austin Mini Cooper Healy Sprite MK III, Mark II, 1100	64.57	1.60 1.60 1.60 3.18	032 BF PC GI 032 BF PC GI 401 SCRPP PC GI 716 FV 710 FV CR	6742 6742010 6742020 6742030 6742040 6742060 6742080 6742100 6742120	4	STD 0.25 0.50 0.75 1.00 1.50 2.00 2.50 3.00
	998		1.0 L	4	1968-On	Metro L, H, LE 1000 Mini 1000, MKII	64.58	1.60 1.60 1.60 4.00	032 BF PC GI 401 SCRPP PC GI 401 SCRPP PC GI 058 FV CR 732 FV CR	4732 4732020 4732030 4732040	4	STD 0.50 0.75 1.00
	1275		1.3 L	4	1980-On	Metro, MG Turbo, Allegro, Morris Ital., HL/HLS	70.61	1.60 1.60 4.00	102 T PC GI 102 T PC GI 058 FV CR 732 FV CR	4731 4731020 4731030 4731040	4	STD 0.50 0.75 1.00
12G, 12Y	1275		1.3 L	4	1960-80	Midget, MK III, Morris, Healy Sprite, Mark IV	70.61	1.60 1.60 1.60 4.00	102 T PC GI 102 T PC GI 102 T PC GI 058 FV CR 732 FV CR	6802 6802020 6802030 6802040 6802060	4	STD 0.50 0.75 1.00 1.50
	1798		1.8 L	4	1964-On	1800 Mark I & II, MG MGB	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 6738040	4	STD 0.75 1.00
18V	1798		1.8 L	4	1972-76	Austin Marina GT, MG MGB, MGB/GT, 1800 MKII, III	80.26	1.60 1.60 4.00	102 T PC GI 102 T PC GI 056 FV CR 732 FV CR	9526 9526030 9526040	4	STD 0.75 1.00
	1798		1.8 L	4	1964-73	Marina, GT 1800 Mark I & II Mark II S	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














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
BENDIX												
				2		U 7 1/4 cu. ft. 2UE, TU-FLO 400 w/o Oil Ring	52.39	3.18 3.18 3.18 3.18	401 SCRPP PC GI 401 SCRPP PC GI 401 SCRPP PC GI 401 SCRPP PC GI	8266 8266010 8266020 8266030	2	STD 0.25 0.50 0.75
				2		TU-FLO 500, 17L2, F12, Type E w/o oil rings	63.50	2.38 2.38 3.18 2.38 3.18	126 RVT PC GI 126 RVT PC GI 126 RVT PC GI 126 RVT PC GI 126 RVT PC GI	7887 7887010 7887020 7887030	1	STD 0.25 0.50 0.75
				2		12 cu. ft. Type E	63.50	3.18 3.18 3.18 3.18 3.18	126 RVT PC GI 126 RVT PC GI 126 RVT PC GI 126 RVT PC GI 126 RVT PC GI	268 268010 268020 268030	2	STD 0.25 0.50 0.75
				2		TU-FLO 501, 16.2, L2 w/cast oil ring	66.68	2.38 2.38 4.75	126 RVT PC GI 126 RVT PC GI 501 1PCO PC GI	7888 7888010 7888020 7888030	1	STD 0.25 0.50 0.75
				2		TU-FLO 501	66.68	2.38 2.38 4.75	126 RVT PC GI 126 RVT PC GI 871 FV CR 732 FV CR	4457 4457020 4457030	2	STD 0.50 0.75
				2		TU-FLO 501 5 Ring Piston	66.68	2.38 2.38 4.75 2.38 4.75	126 RVT PC GI 126 RVT PC GI 501 1PCO PC GI 826 2PCO 126 RVT PC GI 501 1PCO PC GI 826 2PCO	4465 4465010 4465020 4465030	2	STD 0.25 0.50 0.75
				2		TU-FLO 501	66.68	2.38 2.38 4.75 4.75 4.75	126 RVT PC GI 126 RVT PC GI 871 FV CR 732 FV CR 126 RVT PC GI 126 RVT PC GI	4469 4469020 4469030 4469040	2	STD 0.50 0.75 1.00
				2		TU-FLO 600, TU-FLO 700 3 Ring Piston	69.85	2.38 2.38 4.75	126 RVT PC GI 126 RVT PC GI 871 FV CR 732 FV CR	6008 6008010 6008020 6008030	2	STD 0.25 0.50 0.75
				2		TU-FLO 600, TU-FLO 700 5 Ring Piston	69.85	2.38 2.38 2.38 4.75 4.75	126 RVT PC GI 126 RVT PC GI 126 RVT PC GI 871 FV CR 732 FV CR 501 1PCO PC GI	6009 6009030	2	STD 0.75
				2		TU-FLO 550, TU-FLO 750	70.61	2.38 2.38 4.75 4.75 2.38 4.75	102 T PC GI 102 T PC GI 870 FV CR 732 FV CR 126 RVT PC GI 501 1PCO PC GI	4967 4967010 4967020 4967030 4967040	2	STD 0.25 0.50 0.75 1.00
				1		Model 159	75.00	2.00 2.00 4.00	102 T PC GI 401 SCRPP PC GI 058 FV CR 732 FV CR	5030	1	STD
				1		TU-FLO 850	80.00	3.00 3.00 3.00 4.00	102 T PC GI 102 T PC GI 401 SCRPP PC GI 058 FV CR 732 FV CR	4964	1	STD
				1		Model 190	80.00	1.50 1.50 3.00	102 T PC GI 102 T PC GI 054 FV CR 732 FV CR	5032 5032020	1	STD 0.50
BMW												
1ND, 1ND-TV	1364		1.4 L	4	2003-06	Mini One D Diesel Eng	73.00	1.50 1.50 3.00	239 BF CC DI 218 TF PC DI 204 CF CR DI 881 2PCO	2D5856	1	STD
N12 B16A, N14 B16A, N18B16A N13B16A	1598 1598		1.6 L 1.6 L	4 4	2006-16 2010-16	MINI Cooper R55, R56, R59, R60 114i , 116i , 118i, 316i, 320i	77.00	1.20 1.50 2.00	398 BF CR S 401 SCRPP PC GI 993 FV CR 005 FV CR	2C4181	4	STD














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
												
BMW												
W10B16A	1598		1.6 L	4	2001-07	MINI (R50, R53) One MINI (R50, R53) Cooper MINI Convertible (R52) One, (R52) Cooper	77.00	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5159 2C5159020 2C5159040	4	STD 0.50 1.00
M54B22, M54226S1	2171		2.2 L	6	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
M52B206S3, M22B206S1	1991		2.0 L	6	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
M50 B (20 6 S1), M50 B20TU	1991		2.0 L	6	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
M20 B20 M20 B23L	1900 2315		2.0 L 2.3 L	6	1977-91 1978-86	320i, 520i 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
M57 D25	2497		2.5 L	6	2000-04	Turbo Diesel	80.00	3.00 2.00 3.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7357	1	STD
M57 D25	2497		2.5 L	6	2000-04	525d Turbo Diesel	80.00	2.50 2.00 3.00	205 BF CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2D7412	1	STD
N43 B16A, N52 B25 N52 B25, N52 B254, N52 B25C	1599 2497		1.6 L 2.5 L	4 6	2007-11 2001-12	116i 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
M20 B27	2693		2.7 L	6	1984-88	325e, 525e	84.00	1.50 2.00 4.00	102 T PC GI 401 SCRPF PC GI 056 FV CR 732 FV CR	4340 4340010 4340020 4340030 4340040	6	STD 0.25 0.50 0.75 1.00
M40B18E, M42B18, M43B16 M52B25, M52B28GG, M54B25 M60B30	1795 2494 2997		1.8 L 2.5 L 3.0 L	4 6 8	1991-05 1992-05 1992-05	318i 325i, 328i, 525i 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
M43B16 M42B18ME M50B25, M52B28 M62B35C	1596 1796 2793 3498		1.6 L 1.8 L 2.8 L 3.5 L	4 4 6 8	1987-93 1995-96 1995-On 1995-On	E36, 316i 318i, 518i, Z3 323i, 325i, 328i, 523i, 528i, 728i 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	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
BMW												
N47 D2 A, N47 D20B N47 D20C, N47 SD20D	1995		2.0 L	4	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
M40 B16, M40 B16C M40 B18 M20 B25	1596 1796 2494		1.6 L 1.8 L 2.5 L	4 4 6	1987-94 1987-95 1983-95	316i 318i, 518i 325i, 525i, Z1	84.00	1.50 1.75 3.00	362 BF 3CR GI 401 SCRPP 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	1795		1.8 L	4	1987-90	318i	84.00	1.50 1.75 3.00	362 BF 3CR GI 401 SCRPP PC GI 054 FV CR 732 FV CR	2C4763 2C4763010 2C4763020 2C4763030 2C4763040	4	STD 0.25 0.50 0.75 1.00
M57 306D3, M57 D30(306D3), M57 N2306D3, M57 TU2D30 Euro 4	2993		3.0 L	6	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
E46, M47 M57	1951 2926		2.0 L 2.9 L	4 6	1999-07 1999-07	320d, 520d 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	2993		3.0 L	6	2002-On	330d, 330xd, 330Cd, 730d Turbo Diesel	84.00	2.50 2.00 3.00	217 BF CR DI 210 SCRPP TF PC DI 204 CF CR DI 881 2PCO	2C7288	1	STD
M47 N204D4 M57 D30, M57 306D5, M47 N204D5	1995 2993		2.0 L 3.0 L	4 6	2001-11 2003-On	3 Series, X3 5 (E60) , X3, 3 Touring (E91) Turbo Diesel	84.00	3.00 2.00 2.00	221 FKST CC DI 210 SCRPP TF PC DI 248 CF CR 881 2PCO	2D7299 2D729925	1	STD 0.25
M44 B19, M43 B19TU, M43 B19, M43 194E1	1895		1.9 L	4	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
S52B306S1	2990 3201		3.0 L 3.2 L	6 6		3 Series	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
M30B30	2946		3.0 L	6	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
M10 B18	1766		1.8 L	4	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
M30 B30E M30 B32	2988 3153		3.0 L 3.2 L	6 6	1976-89 1974-75	530i, 630 Csi, 730i 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
N62 B44	4398		4.4 L	8	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 SCRPP PC GI 991 FV CR 005 FV CR	2C5211 2C5211020 2C5211040	8	STD 0.50 1.00
M62 B44	4398		4.4 L	8	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 SCRPP PC GI 991 FV CR 005 FV CR	2C5296 2M5296 2M5296020	8	STD 0.50
								2.00	335 T PM DI 126 RVT PC GI 991 FV CR 005 FV CR			

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
												
BMW												
M30B30ME, M30B35ME7	3453		3.5 L	6	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 SCRPP PC GI 058 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 058 FV CR 732 FV CR 327 BF PM GI 401 SCRPP PC GI 058 FV CR 732 FV CR	4736 4736020 4736030 4736040 2C4736 2C4736020 2M4736 2M4736020 2M4736030 2M4736040	6 6	STD 0.50 0.75 1.00 STD 0.50 STD 0.50 0.75 1.00
BRIGGS & STRATTON												
				1		100700	65.09	1.60 1.60 4.00	032 BF PC GI 401 SCRPP PC GI 058 FV CR 732 FV CR	4798	1	STD
Vanguard				2		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 SCRPP PC GI 054 FV CR 732 FV CR	2C4753	2	STD
				1		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
				1		220400 to 220499 220700 to 220799 221400 to 221499 222400 to 222499 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	87.31	2.00 2.00 4.75	362 BF 3CR GI 362 BF 3CR GI 860 FV CR 732 FV CR	2C6638	1	STD
				1		320400 to 320499 14 HP 326400 to 326499	90.49	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6962 6962010 6962020	1	STD 0.25 0.50

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
BSA												
	250 750			3	1967-70 1969-70	MOTORCYCLES MOTORCYCLES	67.00	1.60 1.60 3.18	102 T PC GI 102 T PC GI 501 1PCO PC GI 826 2PCO 362 BF 3CR GI 102 T PC GI 501 1PCO PC GI 826 2PCO	6942 6942040 2C6942 2C6942040	1 1	STD 1.00 STD 1.00
	650			2	1963-70	MOTORCYCLES	75.00	1.60 1.60 3.18	102 T PC GI 102 T PC GI 501 1PCO PC GI	6939 6939020 6939040 6939060 6939080	2	STD 0.50 1.00 1.50 2.00
	441			1	1966-70	MOTORCYCLES	79.00	1.60 1.60 3.18	102 T PC GI 102 T PC GI 870 FV CR 732 FV CR	6941	1	STD
CASE-Combine												
M2 Sleeved Eng.				4			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 362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	727 2C727	4 4	STD STD
H225, HB225				6		Gas Chry. 700, 900, 960, 1275	86.36	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	687 687020 687030 687040 687060 2C687 2C687020 2C687030 2C687040 2C687060 2M687 2M687030 2M687040 2M687060	6 6 6	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50 STD 0.75 1.00 1.50
SP9 Case Sleeved Eng.				4			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		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 362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7123 2C7123	4 4	STD STD
GO298				6		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

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
CASE-Combine												
188D				4		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		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 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 397 BF PM S 126 RVT PC GI 860 FV CR 732 FV CR	148 148020 148030 148040 148060 2C148 2C148010 2C148020 2C148030 2C148040 2C148060 2C148070 2M148 2M148020 2M148030 2M148040 2M148060	8 8	STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50 1.75 STD 0.50 0.75 1.00 1.50
A251S Gas or LPG Sleeved Eng.				4		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			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		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		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												
G148B, VA148B Sleeved Eng.				4			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
GD157 Continental Sleeved Eng.				4		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
G153.9 Sleeved Eng.				4			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 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
CASE-Engines												
G159B Sleeved Eng.				4			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 362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7123 2C7123	4 4	STD STD
G188D Sleeved Eng.				4		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
A251S Sleeved Eng.				4			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
A377, A377D, A377S Sleeved Eng.				6			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
A267D 4-267 Sleeved Eng.				4		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
A401, A401D Sleeved Eng.				6			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, A284, A284GF Sleeved Eng.				4			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			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 362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	727 2C727	4 4	STD STD
SO Sleeved Eng.				4			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
G148,G148B, VA148, DT34 Sleeved Eng.				4		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 Engines	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
GD157 Continental Sleeved Eng.				4		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














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
CASE-Tractors												
G159 Sleeved Eng.				4		530, 530C, 540, 541, 570, 580, 580B, 580CK, W3 loader Gas & LPG Engines	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 362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7123 2C7123	4 4	STD STD
153.9 Sleeved Eng.				4		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
Sleeved Eng.				4		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 362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7593 2C7593	4 4	STD STD
Sleeved Eng.				4		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 362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7659 2C7659	4 4	STD STD
G188D Sleeved Eng.			3.1 L	4		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
A251S Sleeved Eng.				4		C, 400, 420, 425, 680, 680CK 700,710,725,730, 730C, 740 770, 800, 810 Gas & LPG Engines	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		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
Sleeved Eng.				4		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
A377G, A377S Sleeved Eng.				6		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		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














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
CASE-Tractors												
A267D Sleeved Eng.				4		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
A401D Sleeved Eng.				6		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
A284GF Sleeved Eng.				4		830, 830C, 840, W7,W7C, W7E, W9A Gas & LPG Engines	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
JD382 Sleeved Eng.				4		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 Engine Sleeved Eng.				4		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 Engine Sleeved Eng.				4		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 362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7705 2C7705	4	STD
G165 Sleeved Eng.				4		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		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		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














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
CASE Tractors Increased Bore sleeves												
A125 Sleeved Eng.				4		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 Engine Sleeved Eng.				4		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		E43, E44, E50, E51, T69 Late Pist Starting Engine	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
				8		3208 3 Ring Piston (Rectangular rings) OE Set Ref. #2W8265-3R	114.30	2.38 2.38 4.75	215 TBF CR DI 135 T PC GI 553 CF CR GI 881 2PCO	2D7524 2D7524020	1	STD 0.50
				8		3208 OE Set Ref. #199-9872 3 Ring Piston Keystone Comp Ring	114.30	3.18 3.18 2.80	224 FKST PM DI 170 FKST PC GI 553 CF CR GI 881 2PCO	2D7493 2D7493020 2D7493040	1	STD 0.50 1.00
				8		3208 Individual 2 Ring Piston OE Set Ref. #2S8265 OE Ref. #9L6233, Oil 2W8045	114.30	3.18 3.18 2.80	220 TBF PM DI 553 CF CR GI 881 2PCO	2D7473 2D7473020 2D7473030 2D7473040	1	STD 0.50 0.75 1.00
Sleeved Eng.				6 8		D353, G353 D379, D398, G379, G398 Diesel Eng	158.75	3.18 2.38 6.35	363 BF CR GI 349 RVT CR GI 565 CF CR GI 881 2PCO	2C7195	2	STD
CHECKER												
				6	1959-64	All w/Cont. FO6226	84.14	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 901 GL	4233 4233040	6	STD 1.00
	4375	267	4.4 L	8	1980-82		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	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
CHECKER												
	3753	229	3.8 L	6	1980-82		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
									327 BF PM GI 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
	4998	305	5.0 L	8	1977-81		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
									327 BF PM GI 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
	3769 4097	230 250	3.8 L 4.1 L	6 6	1964-68 1969-79	Chevy. Eng.	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 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
CHECKER												
	4638 5031	283 307	4.6 L 5.0 L	8 8	1964-67 1968-73		98.43	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	660 660010 660020 660030 660040 660060 660080	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	2C660 2C660010 2C660020 2C660030 2C660040 2C660060 2C660080	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	2M660 2M660010 2M660020 2M660030 2M660040 2M660060 2M660080	8	STD 0.25 0.50 0.75 1.00 1.50 2.00
	5359 5735	327 350	5.4 L 5.7 L	8 8	1966-68 1969-79		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
CHRYSLER-Cars												
4G42 Mitsubishi Eng.	1187	74	1.2 L	4	1973-76	Plymouth	71.00	2.00 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR	4342	4	STD
									362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C4342 2C4342020 2C4342040	4	STD 0.50 1.00

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
CHRYSLER-Cars												
G12B Vin: J Mitsubishi Eng.	1409	86	1.4 L	4	1979-85	Dodge Colt, Plymouth Champ	74.00	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	4396 4396010 4396020 4396030 4396040 4396060	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	2C4396 2C4396010 2C4396020 2C4396030 2C4396040 2C4396060	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	2M4396 2M4396020 2M4396030 2M4396040 2M4396060	4	STD 0.50 0.75 1.00 1.50
G15B, 4G15, G4AJ, G4DJ Vin: A,Q	1508	92	1.5 L	4	1991-96	12 Valve	75.50	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 054 FV CR 732 FV CR	2C4668 2C4668010 2C4668020 2C4668030 2C4668040 2C4668060	4	STD 0.25 0.50 0.75 1.00 1.50
G15B Vin: Q Mitsubishi Eng.	1508	92	1.5 L	4	1985-92	Dodge, Plymouth	75.50	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	5716 5716010 5716020 5716030 5716040 5716060	4	STD 0.25 0.50 0.75 1.00 1.50
									363 BF CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C5716 2C5716010 2C5716020 2C5716030 2C5716040 2C5716060	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	2M5716 2M5716010 2M5716020 2M5716030 2M5716040	4	STD 0.25 0.50 0.75 1.00
Vin: K	1606	98	1.6 L	4	1983-90	SOHC	76.90	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	4353 4353020 4353030 4353040	4	STD 0.50 0.75 1.00
									362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C4353 2C4353010 2C4353020 2C4353030 2C4353040	4	STD 0.25 0.50 0.75 1.00
4G31,4G32,4G61 Vin. K, Z Incl.Turbo Mitsubishi eng. DOHC	1597	98	1.6 L	4	1971-84	Challenger, Colt	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














ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
CHRYSLER-Cars												
E82	1715	105	1.7 L	4	1978-84	Dodge Omni, Plymouth Horizon	79.50	1.75 2.00 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	4490 4490010 4490020 4490030 4490040 4490060	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	2C4490 2C4490010 2C4490020 2C4490030 2C4490040 2C4490060	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	2M4490 2M4490010 2M4490020 2M4490030 2M4490040 2M4490060	4	STD 0.25 0.50 0.75 1.00 1.50
Peugeot Engine	1590	97	1.6 L	4	1983-86	Dodge, Plymouth	80.60	1.75 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR	4253 4253020	4	STD 0.50
									363 BF CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C4253 2C4253020	4	STD 0.50
4G37 Vin: P, T Mitsubishi eng.	1795	107	1.8 L	4	1989-93		80.60	1.50 1.50 4.00	032 BF PC GI 401 SCRPP PC GI 058 FV CR 732 FV CR	4367 4367020 4367030 4367040	4	STD 0.50 0.75 1.00
									363 BF CR GI 401 SCRPP PC GI 058 FV CR 732 FV CR	2C4367 2C4367020 2C4367030 2C4367040 2C4367060	4	STD 0.50 0.75 1.00 1.50
G62B Mitsubishi eng.	1795	110	1.8 L	4	1985-86	Plymouth	80.60	2.00 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR	6172 6172020 6172030 6172040 6172060	4	STD 0.50 0.75 1.00 1.50
									363 BF CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C6172 2C6172020 2C6172030 2C6172040	4	STD 0.50 0.75 1.00
G16B Vin: K Mitsubishi eng	1595	98	1.6 L	4	1989-93	Dodge Colt, Eagle Summit	82.30	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4669 2C4669020 2C4669030 2C4669040	4	STD 0.50 0.75 1.00
	3572 3769	218 230	3.6 L 3.8 L	6 6	1942-59 1942-59	Dodge, Plymouth Dodge, Plymouth	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
198 A5.000	1956		2.0 L	4	2011-On	Delta 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
6G73 Mitsubishi Eng.	2497	152	2.5 L	6	1995-00		83.50	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 054 FV CR 732 FV CR	2C4928 2C4928020 2C4928030 2C4928040	6	STD 0.50 0.75 1.00

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET  Set #	CYL SET 	SIZE 
CHRYSLER-Cars												
G52B, 4G52 Vin. U, 5	1999	122	2.0 L	4	1979-83	Dodge	84.00	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	4247 4247020 4247030 4247040 4247060 2C4247 2C4247010 2C4247020 2C4247030 2C4247040 2C4247060	4	STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
G63B Vin: A Mitsubishi eng. DOHC, SOHC	2000	122	2.0 L	4	1988-93	Incl. Turbo	85.00	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 054 FV CR 732 FV CR	2C4613 2C4613010 2C4613020 2C4613030 2C4613040	4	STD 0.25 0.50 0.75 1.00
G63B Vin. A Mitsubishi eng.	1997	122	2.0 L	4	1983-87	Plymouth, Colt, Omni, Ram 50	85.00	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	6171 6171020 6171030 6171040 6171060 2C6171 2C6171020 2C6171030 2C6171040 2C6171060	4	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
4G63, G54B	1999	122	2.0 L	4	1987-91	D-50 Dodge, Plymouth	85.00	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 056 FV CR 732 FV CR	6899 6899010 6899020 6899030 6899040 6899060 2C6899 2C6899010 2C6899020 2C6899030 2C6899040 2C6899060 2M6899 2M6899010 2M6899020 2M6899060	4	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 1.00 1.50
GEMA Vin. C GEMA Vin: A,B	1798 1998	110 122	1.8 L 2.0 L	4 4	2006-10 2006-15	World Engine	86.00	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C4835 2C4835020 2C4835030 2C4835040	4	STD 0.50 0.75 1.00
Vin: N,R,T,U	2737	167	2.7 L	6	1998-10	V-6 2700	86.00	1.50 1.50 3.00	397 BF PM S 126 RVT PC GI 054 FV CR 732 FV CR	2M4946 2M4946004 2M4946010 2M4946020 2M4946030 2M4946040 2M4946060	6	STD 0.10 0.25 0.50 0.75 1.00 1.50
Vin: R,T,U	2737	167	2.7 L	6	1998-03	V-6 2700 w/deep oil Grv. aftermarket piston	86.00	1.50 1.50 3.00	397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2M5094 2M5094004 2M5094010 2M5094020 2M5094030 2M5094040 2M5094060	6	STD 0.10 0.25 0.50 0.75 1.00 1.50
	1500	91.4	1.5 L	4	1971-76	Plymouth Cricket	86.13	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	674 674030 674040 2C674 2C674030 2C674040	4	STD 0.75 1.00 STD 0.75 1.00

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
CHRYSLER-Cars												
Slant 6	2786 3245 3687	170 198 225	2.7 L 3.2 L 3.7 L	6 6 6	1960-69 1970-74 1960-87	Dodge, Plymouth Dodge, Plymouth Chry., Dodge, Plymouth	86.36	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	687 687020 687030 687040 687060 2C687 2C687020 2C687030 2C687040 2C687060 2M687 2M687030 2M687040 2M687060	6 6	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50 STD 0.75 1.00 1.50
RDS2,4G64 Mitsubishi eng.	2400	146	2.4 L	4	1993-08		86.50	1.20 1.50 2.80	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4780 2C4780020 2C4780030 2C4780040 2C4780060	4	STD 0.50 0.75 1.00 1.50
4G64 Vin:T Mitsubishi eng	2400	146	2.4 L	4	1993-96		86.50	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4783 2C4783010 2C4783020 2C4783030 2C4783040 2C4783060	4	STD 0.25 0.50 0.75 1.00 1.50
4G64, G64B Vin:T Mitsubishi eng	2350	146	2.4 L	4	1985-93	Colt Vista	86.50	1.50 1.50 4.00	362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C4638 2C4638010 2C4638020 2C4638030 2C4638040	4	STD 0.25 0.50 0.75 1.00
	3867 4343	236 265	3.9 L 4.3 L	6 6	1942-52 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 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	445 2C445	6 6	STD STD
	4113 4343	251 265	4.1 L 4.3 L	6 6	1954-68 1955-68	Dodge Dodge	87.31	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	663 663030 2C663 2C663030	6 6	STD 0.75 STD 0.75
Vin: C,F DOHC, SOHC	1983	121	2.0 L	4	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
EDZ Vin: B,G,X,1	2429	148	2.4 L	4	1998-10	Cirrus, PT Cruiser, Sebring Incl. Turbo	87.50	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 872 FV CR 732 FV CR	2C4948 2C4948010 2C4948020 2C4948030 2C4948040	4	STD 0.25 0.50 0.75 1.00
EDZ Vin 9	2212 2429	135 148	2.2 L 2.4 L	4 4	1992-97 1995-09	16 Valve Incl. 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	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
												
CHRYSLER-Cars												
Vin. B, C, D Vin, G, K	2212 2507	135 153	2.2 L 2.5 L	4 4	1985-95 1986-95	Dodge, Chrysler Dodge truck 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 362 BF 3CR GI 126 RVT PC GI 872 FV CR 732 FV CR 335 T PM DI 126 RVT PC GI 872 FV CR 732 FV CR	4222 4222020 4222030 4222040 4222060 2C4222 2C4222020 2C4222030 2M4222 2M4222010 2M4222020 2M4222030 2M4222040 2M4222060	4 4 4	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
E62 Incl. Turbo	2212 2507	135 153	2.2 L 2.5 L	4 4	1981-89 1986-89	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
E62	2212 2507	135 153	2.2 L 2.5 L	4 4	1984-89 1986-89	Chry, Dodge,Plymouth Deep Oil grv.	87.50	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 056 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 056 FV CR 732 FV CR	5652 5652010 5652020 5652030 5652040 5652060 2C5652 2C5652010 2C5652020 2C5652030 2C5652040 2C5652060 2M5652 2M5652010 2M5652020 2M5652030 2M5652040 2M5652060	4 4	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
Vin: E	2429	146	2.4 L	4	2004-09	Turbo L4 w/2.5mm oil grv	87.50	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5125 2C5125020 2C5125030 2C5125040	4	STD 0.50 0.75 1.00
	2507	153	2.5 L	4	1994-97	Chry. Turbo Shallow Oil Ring Grv	87.50	1.50 1.50 4.00	335 T PM DI 126 RVT PC GI 872 FV CR 732 FV CR	2M4880 2M4880020 2M4880030 2M4880040 2M4880060	4	STD 0.50 0.75 1.00 1.50
2AZFE Toyota Eng Vin: B,F,K	2359	144	2.4 L	4	2006-16	World Engine	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
G54B Incl. Turbo Mitsubishi eng.	2555	156	2.6 L	4	1983-89	Chry, Dodge, Ply Shallow Oil Ring Grv	91.10	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 056 FV CR 732 FV CR	5667 5667010 5667020 5667030 5667040 5667060 2C5667 2C5667010 2C5667020 2C5667030 2C5667040 2C5667060	4 4	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
CHRYSLER-Cars												
G54B Mitsubishi eng	2555	156	2.6 L	4	1978-84	Chry, Dodge, Ply Thru March 1983	91.10	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 870 FV CR 732 FV CR	5595 5595010 5595020 5595030 5595040 5595060	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	2C5595 2C5595010 2C5595020 2C5595030 2C5595040 2C5595060	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	2M5595 2M5595010 2M5595020 2M5595030 2M5595040 2M5595060	4	STD 0.25 0.50 0.75 1.00 1.50
6G72 Incl. Turbo DOHC Vin: V Mitsubishi Eng.	2972	181	3.0 L	6	1991-05	Dodge , Stealth	91.10	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4670 2C4670020 2C4670030 2C4670040 2C4670060	6	STD 0.50 0.75 1.00 1.50
6G72 SOHC Vin:H,V Mitsubishi Eng.	2972	181	3.0 L	6	1987-04	Dodge Dynasty Dodge/Ply Mini Van	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
M00(HR425CL) VM425HR, (M51), VM425HR(M52)	2499		2.5 L	4	1992-95	TD, CRD,TD Voyager Turbo Diesel	92.00	2.50 2.00 4.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
Vin. J	3228	197	3.2 L	6	1998-01	Concorde Dodge Intrepid	92.00	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 054 FV CR 005 FV CR	2C4903 2C4903020 2C4903030 2C4903040	6	STD 0.50 0.75 1.00
	4425	270	4.4 L	8	1956	P29 S/N 40001-80000 Plymouth	92.08	2.00 2.00	032 BF PC GI 126 RVT PC GI	633 633010	8	STD 0.25
	4474	273	4.5 L	8	1964-69	Dodge, Plymouth Windsor C67		4.75	860 FV CR 732 FV CR	633020 633030		0.50 0.75
	4933	301	4.9 L	8	1955	Dodge				633040		1.00
	5162	315	5.2 L	8	1956	Dodge				633060		1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C633 2C633020 2C633030 2C633040	8	STD 0.50 0.75 1.00
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M633 2M633030 2M633040 2M633060	8	STD 0.75 1.00 1.50
Renault Eng. Sleeved Eng.	2982	182	3.0 L	6	1990-91		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
Vin: G,R,3 Vin: K	3294 3703	201 226	3.3 L 3.7 L	6 6	1998-10 1999-11	Shallow Top/Oil grv.	93.00	1.50 1.50 3.00	335 T PM DI 126 RVT PC GI 872 FV CR 732 FV CR	2M5014 2M5014020 2M5014030 2M5014040 2M5014060	6	STD 0.50 0.75 1.00 1.50

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
												
CHRYSLER-Cars												
	3294	201	3.3 L	6	1988-97	Chry., Dodge, Plymouth	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	4670	285	4.7 L	8	2008-14	Aspen, Dakota, Ram (flex fuel)	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
Vin: N,P	4670	285	4.7 L	8	1999-07	Aspen	93.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4790 4790010 4790020 4790030 4790040	8	STD 0.25 0.50 0.75 1.00
									335 T PM DI 126 RVT PC GI 872 FV CR 732 FV CR	2M4790 2M4790010 2M4790020 2M4790030 2M4790040	8	STD 0.25 0.50 0.75 1.00
	5326	325	5.3 L	8	1957-58	Dodge	93.66	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	681 681030	8	STD 0.75
S21, S22, S23, S24	5408	330	5.4 L	8	1955-56	All V8 Models Desoto	94.46	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	450 450030 450040 450060	8	STD 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C450 2C450030 2C450040 2C450060	8	STD 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M450 2M450030 2M450040 2M450060	8	STD 0.75 1.00 1.50
	4539	277	4.5 L	8	1956-57	P29 Plymouth	95.25	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	568 568010 568020 568030 568040 568060 568080 568100	8	STD 0.25 0.50 0.75 1.00 1.50 2.00 2.50
									363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C568 2C568010 2C568020 2C568030 2C568040 2C568060	8	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	2M568 2M568010 2M568020 2M568030 2M568040 2M568060 2M568080 2M568100	8	STD 0.25 0.50 0.75 1.00 1.50 2.00 2.50














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
CHRYSLER-Cars												
Vin: F,G,K,V Vin: L,P,1 Vin: X	3452 3785 3952	215 231 241	3.5 L 3.8 L 4.0 L	6 6 6	1996-10 2001-10 2007-11	Chry., Concord, LHS Dodge, Intrepid Chrysler	96.00	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 872 FV CR 732 FV CR 397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2C4890 2C4890004 2C4890010 2C4890020 2C4890030 2C4890040 2C4890060 2M4890 2M4890010 2M4890020 2M4890030 2M4890040	6 6 6 6	STD 0.10 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00
Vin: L,6	3507 3785	214 231	3.5 L 3.8 L	6 6	1991-02	Dodge, Plymouth Dodge, Plymouth	96.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 872 FV CR 732 FV CR 322 BF GN SS 126 RVT PC GI 987 FV GN SS 714 GN SS	4648 4648010 4648020 4648030 4648040 4648060 2M4648 2M4648020 2M4648030 2M4648040 2M4648060 2N4648 2N464850	6 6 6	STD 0.25 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50 STD 0.50
Vin: G	3605	220	3.6 L	6	2011-17		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
S25, S26	5588	341	5.6 L	8	1957	Adventurer, Desoto Fireflite, Firedome	96.04	2.00 2.00 4.75	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C682	8	STD
	5129	313	5.1 L	8	1957-65	Canada	98.43	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	660 660010 660020 660030 660040 660060 660080 2C660 2C660010 2C660020 2C660030 2C660040 2C660060 2C660080 2M660 2M660010 2M660020 2M660030 2M660040 2M660060 2M660080	8 8 8	STD 0.25 0.50 0.75 1.00 1.50 2.00 STD 0.25 0.50 0.75 1.00 1.50 2.00 STD 0.25 0.50 0.75 1.00 1.50 2.00

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
CHRYSLER-Cars												
	3917 4300	239 265	3.9 L 4.3 L	6 6	1987-91 1971-80	Dodge, Plymouth Centura,Charger Valiant	99.31	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5560 5560020 5560030 5560040 5560060	6	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5560 2C5560020 2C5560030 2C5560040 2C5560060	6	STD 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M5560 2M5560020 2M5560030 2M5560040 2M5560060	6	STD 0.50 0.75 1.00 1.50
	4933 5211	301 318	4.9 L 5.2 L	8 6	1957 1958-89	Chry., Dodge, Plymouth Chry., Dodge, Plymouth	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
EZB, EZC, EZH Vin: T	5654	345	5.7 L	8	2009-15	300, Challenger, Charger, Durango, Hemi	99.50	1.20 1.20 2.00	397 BF PM S 126 RVT PC GI 989 FV CR 732 FV CR	2M5141 2M5141004 2M5141020 2M5141030 2M5141040	8	STD 0.10 0.50 0.75 1.00
Vin: D,H,2	5703	348	5.7 L	8	2003-08	Hemi	99.50	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 997 FV CR 732 FV CR	5097 5097010 5097020 5097030 5097040	8	STD 0.25 0.50 0.75 1.00
									397 BF PM S 126 RVT PC GI 997 FV CR 732 FV CR	2M5097 2M5097010 2M5097020 2M5097030 2M5097040 2M5097060	8	STD 0.25 0.50 0.75 1.00 1.50

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
CHRYSLER-Cars												
	5899	360	5.9 L	8	1971-95	Chry., Dodge, Plymouth	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
	7997	488	8.0 L	10	1994-96	Dodge Viper, RT/10, MPI, M/T	101.60	1.50 1.50 3.00	397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2M4816 2M4816020 2M4816030 2M4816040 2M4816060	10	STD 0.50 0.75 1.00 1.50
	5572	340	5.6 L	8	1968-73		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
Vin: W, 3	6063	370	6.1 L	8	2005-10		102.99	1.50 1.50 3.00	336 T PM DI 126 RVT PC GI 054 FV CR 732 FV CR	2M4907 2M4907010 2M4907020 2M4907030 2M4907040 2M4907060	8	STD 0.25 0.50 0.75 1.00 1.50
Vin: N, Z	8439	515	8.4 L	10	2008-13	Dodge Viper, SRT	103.00	1.50 1.50 3.00	336 T PM DI 406 N PC DI 054 FV CR 732 FV CR	2M5378 2M5378020 2M5378030 2M5378040	10	STD 0.50 0.75 1.00
Vin: J	6424	392	6.4 L	8	2011-16	Hemi OHV FI	104.00	1.20 1.20 2.00	397 BF PM S 406 N PC DI 934 FV CR 935 FV CR	2M5379 2M5379020 2M5379030 2M5379040	8	STD 0.50 0.75 1.00
CHRYSLER-Antique												
				6	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

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
CHRYSLER-Antique												
				6	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
				8	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
				6	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
				6	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
	3949	241	3.9 L	8	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
	4261	260	4.3 L	8	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
	6424	392	6.4 L	8	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	6768	413	6.8 L	8	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 2M437030 437040 2M437040	8	STD 0.75 0.75 1.00 1.00

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE
CHRYSLER-Antique												
	6276 6981	383 426	6.3 L 7.0 L	8 8	1969-71 1963-71	Chry., Plymouth Canada RC2 Windsor Exc. Hemi	107.95	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	683 683010 683020 683030 683040 683060 683080 683100	8	STD 0.25 0.50 0.75 1.00 1.50 2.00 2.50
									363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C683 2C683010 2C683020 2C683030 2C683040 2C683060	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	2M683 2M683010 2M683020 2M683030 2M683040 2M683060 2M683070 2M683080 2M683100	8	STD 0.25 0.50 0.75 1.00 1.50 1.75 2.00 2.50
	7210	440	7.2 L	8	1966-78	Chry., Plymouth	109.73	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	692 692010 692020 692030 692040 692060	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	2C692 2C692030 2C692040 2C692060	8	STD 0.75 1.00 1.50
									345 T PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M692 2M692020 2M692030 2M692040 2M692060	8	STD 0.50 0.75 1.00 1.50
	6555	400	6.6 L	8	1972-78		110.29	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	676 676030	8	STD 0.75
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C676	8	STD
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M676 2M676020 2M676030 2M676040	8	STD 0.50 0.75 1.00
CHRYSLER-Performance												
Mitsubishi Eng. DOHC/SOHC	1997	121	2.0 L	4	1994-00	L4	87.50	1.20 1.20 3.00	398 BF CR S 126 RVT PC GI 621 FV CR 732 FV CR	SC5556 SC5556010 SC5556020 SC5556030 SC5556040 SC5556060	4	STD 0.25 0.50 0.75 1.00 1.50
	6391	390	6.4 L	8		Chrysler	99.31	1.60 1.60 4.75	336 T PM DI 126 RVT PC GI 860 FV CR 732 FV CR	2M5575 2M5575030 2M5575040 2M5575060	8	STD 0.75 1.00 1.50
5.7 L Hemi	5654	345	5.7 L	8	2003-18	Chrysler, Dodge SS Nitrided Top Ring 2nd ring Martensitic Ductile Napier	99.49	1.20 1.20 3.00	322 BF GN SS 406 N PC DI 642 FV CR 732 FV CR	SN9040 SN9040010 SN9040020	8	STD 0.25 0.50














ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
CHRYSLER-Performance												
5.7 L Hemi	5654	345	5.7 L	8	2003-18	Chrysler, Dodge SS Nitrided Top Ring 2nd ring Martensitic Ductile Napier	99.49	1.20 1.50 3.00	322 BF GN SS 406 N PC DI 642 FV CR 732 FV CR	SN9060 SN9060010 SN9060020	8	STD 0.25 0.50
5.7 L Hemi	5654	345	5.7 L	8	2003-18	Chrysler, Dodge Steel Moly Top Ring 2nd ring Martensitic Ductile Napier	99.49	1.50 1.50 3.00	397 BF PM S 406 N PC DI 642 FV CR 732 FV CR	SM8560 SM8560010 SM8560020	8	STD 0.25 0.50
Hemi Eng.	6059	369	6.1 L	8	2005-10	Chrysler SS Nitrided Top Ring 2nd ring Martensitic Ductile Napier	101.60	1.20 1.20 3.00	322 BF GN SS 406 N PC DI 642 FV CR 732 FV CR	SN9045 SN9045005 SN9045010 SN9045020 SN9045025 SN9045030 SN9045035 SN9045040 SN9045045 SN9045050 SN9045055 SN9045060 SN9045065 SN9045070 SN9045080 SN9045100 SN9045120	8	STD 0.13 0.25 0.50 0.63 0.75 0.88 1.00 1.13 1.27 1.40 1.50 1.63 1.78 2.00 2.50 3.05
Hemi Eng.	6059	369	6.1 L	8	2005-10	Chrysler SS Nitrided Top Ring 2nd ring Martensitic Ductile Napier	101.60	1.20 1.50 3.00	322 BF GN SS 406 N PC DI 642 FV CR 732 FV CR	SN9065 SN9065005 SN9065025 SN9065030 SN9065035 SN9065040 SN9065045 SN9065055 SN9065060 SN9065065 SN9065070 SN9065080 SN9065100 SN9065120	8	STD 0.13 0.63 0.75 0.88 1.00 1.13 1.27 1.40 1.50 1.78 2.00 2.50 3.05
Hemi Eng.	6059	369	6.1 L	8	2005-10	Chrysler Steel Moly Top Ring 2nd ring Martensitic Ductile Napier	101.60	1.50 1.50 3.00	397 BF PM S 406 N PC DI 642 FV CR 732 FV CR	SM8565 SM8565005 SM8565025 SM8565030 SM8565035 SM8565040 SM8565045 SM8565055 SM8565060 SM8565065 SM8565070 SM8565080 SM8565100 SM8565120	8	STD 0.13 0.63 0.75 0.88 1.00 1.13 1.27 1.40 1.50 1.78 2.00 2.50 3.05
	4785 5899	292 360	4.8 L 5.9 L	8 8	1957-58 1971-75	Chrysler Chrysler	101.60	2.00 2.00 4.75	336 T PM DI 126 RVT PC GI 622 FV CR 732 FV CR	2M5508 2M5508005 2M5508020 2M5508025 2M5508030 2M5508035 2M5508040 2M5508045 2M5508060 2M5508065	8	STD 0.13 0.50 0.63 0.75 0.88 1.00 1.13 1.50 1.63
	4785 5801 5899	292 354 360	4.8 L 5.8 L 5.9 L	8 8 8	1956-58 1956-58 1971-75	Chrysler Chrysler Chrysler Low Tension Oil Ring	101.60	2.00 2.00 4.75	336 T PM DI 126 RVT PC GI 621 FV CR 732 FV CR	2M5504 2M5504030 2M5504040 2M5504045	8	STD 0.75 1.00 1.13
	5735	350	5.7 L	8	1958	Plymouth	103.19	2.00 2.00 4.75	336 T PM DI 126 RVT PC GI 622 FV CR 732 FV CR	2M5511 2M5511035	8	STD 0.88

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
CHRYSLER-Performance												
	5899	360	5.9 L	8		Chrysler Contains Steel Moly top ring	101.60	1.10 1.10 3.00	395 T PM S 126 RVT PC GI 621 FV CR 005 FV CR	SM5587 SM5587030 SM5587035 SM5587040 SM5587045 SM5587060 SM5587065	8	STD 0.75 0.88 1.00 1.13 1.50 1.63
	5899	360	5.9 L	8		Chrysler Contains Steel Moly top ring Napier ductile iron 2nd ring	101.60	1.10 1.10 3.00	395 T PM S 406 N PC DI 621 FV CR 005 FV CR	SM8556 SM8556005 SM8556025 SM8556035 SM8556045 SM8556055 SM8556060 SM8556065 SM8556070	8	STD 0.13 0.63 0.88 1.13 1.38 1.50 1.63 1.75
	5899	360	5.9 L	8		Chrysler Racing Piston w/napier 2nd ring	101.60	1.60 1.60 3.18	336 T PM DI 406 N PC DI 622 FV CR 732 FV CR	2M8571 2M8571005 2M8571030 2M8571035 2M8571045 2M8571065	8	STD 0.13 0.75 0.88 1.13 1.63
	5899	360	5.9 L	8	1971-75	Chrysler Racing Piston	101.60	1.60 1.60 3.18	336 T PM DI 126 RVT PC GI 622 FV CR 732 FV CR	2M5521 2M5521005 2M5521010 2M5521020 2M5521025 2M5521030 2M5521035 2M5521040 2M5521045 2M5521060 2M5521065	8	STD 0.13 0.25 0.50 0.63 0.75 0.88 1.00 1.13 1.50 1.63
	5916	361	5.9 L	8		Chrysler Contains Steel Moly top ring	104.77	1.10 1.10 3.00	395 T PM S 126 RVT PC GI 621 FV CR 005 FV CR	SM5593 SM5593005 SM5593060	8	STD 0.13 1.50
	5916	361	5.9 L	8		Chrysler w/napier 2nd ring	104.77	1.10 1.10 3.00	395 T PM S 406 N PC DI 621 FV CR 005 FV CR	SM8550 SM8550005 SM8550010 SM8550015 SM8550025 SM8550035 SM8550045	8	STD 0.13 0.25 0.38 0.63 0.88 1.13
	5916	361	5.9 L	8	1961-64	Chrysler	104.77	2.00 2.00 4.75	336 T PM DI 126 RVT PC GI 860 FV CR 732 FV CR	2M5513 2M5513005 2M5513025 2M5513030 2M5513035 2M5513040 2M5513045 2M5513060 2M5513065	8	STD 0.13 0.63 0.75 0.88 1.00 1.13 1.50 1.63
	6276 6981	383 426	6.3 L 7.0 L	8		Chrysler Contains Steel Moly top ring	107.95	1.10 1.10 3.00	395 T PM S 406 N PC DI 872 FV CR 005 FV CR	SM5597 SM5597035	8	STD 0.88
	6276 6981	383 426	6.3 L 7.0 L	8		Chrysler Contains Steel Moly top ring	107.95	1.10 1.60 4.75	395 T PM S 126 RVT PC GI 622 FV CR 732 FV CR	SM8567 SM8567035 SM8567065	8	STD 0.88 1.63
	6276 6981	383 426	6.3 L 7.0 L	8	1961-72	Chrysler Low Tension Oil Ring	107.95	1.60 1.60 4.75	336 T PM DI 126 RVT PC GI 621 FV CR 732 FV CR	2M5515 2M5515030 2M5515035 2M5515060 2M5515065 2M5515125	8	STD 0.75 0.88 1.50 1.63 3.13














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
CHRYSLER-Performance												
	6276 6981	383 426	6.3 L 7.0 L	8	1961-72	Chrysler Chry. Hemi-Head Street Model Low Tension Oil Ring	107.95	2.00 2.00 4.75	336 T PM DI 126 RVT PC GI 622 FV CR 732 FV CR	2M5518 2M5518005 2M5518030 2M5518035 2M5518040 2M5518060 2M5518065	8	STD 0.13 0.75 0.88 1.00 1.50 1.63
	6276 6981	383 426	6.3 L 7.0 L	8	1961-72	Chrysler Low Tension Oil Ring	107.95	2.00 2.00 4.75	336 T PM DI 126 RVT PC GI 621 FV CR 732 FV CR	2M5514 2M5514030 2M5514060	8	STD 0.75 1.50
	6276 6981	383 426	6.3 L 7.0 L	8	1961-72	Chrysler Chry. Hemi-Head Street Model	107.95	1.60 1.60 4.75	336 T PM DI 126 RVT PC GI 622 FV CR 732 FV CR	2M5519 2M5519005 2M5519030 2M5519035 2M5519040 2M5519060 2M5519065 2M5519125	8	STD 0.13 0.75 0.88 1.00 1.50 1.63 3.13
	6276 6981	383 426	6.3 L 7.0 L	8		Chrysler Napier ductile iron 2nd ring	107.95	1.60 1.60 4.75	336 T PM DI 406 N PC DI 622 FV CR 732 FV CR	2M8562 2M8562005 2M8562030 2M8562035 2M8562040 2M8562060 2M8562065 2M8562125	8	STD 0.13 0.75 0.88 1.00 1.50 1.63 3.13
	7210	440	7.2 L	8		Chrysler Low Tension Oil Ring	109.73	1.60 1.60 4.75	336 T PM DI 126 RVT PC GI 621 FV CR 732 FV CR	2M5520 2M5520030 2M5520035	8	STD 0.75 0.88
	7210	440	7.2 L	8	1966-75	Chrysler, Dodge, Plymouth Performance	109.73	1.60 1.60 4.75	336 T PM DI 126 RVT PC GI 622 FV CR 732 FV CR	2M5528 2M5528005 2M5528030 2M5528035 2M5528040 2M5528045 2M5528055 2M5528060 2M5528065	8	STD 0.13 0.75 0.88 1.00 1.13 1.38 1.50 1.63
CHRYSLER-Performance Claimer Ring Set												
	4785 5801 5899	292 354 360	4.8 L 5.8 L 5.9 L	8 8 8		w/metric widths Claimer Ring Sets	101.60	1.50 1.50 3.00	102 T PC GI 126 RVT PC GI 621 FV CR 732 FV CR 339 T PM GI 126 RVT PC GI 621 FV CR 732 FV CR	C5540 CM5540 CM5540030	8 8	STD STD 0.75
	4785 5801 5899	292 354 360	4.8 L 5.8 L 5.9 L	8 8 8		1/8" Oil Ring w/metric widths Claimer Ring Sets	101.60	1.60 1.60 3.18	339 T PM GI 126 RVT PC GI 622 FV CR 732 FV CR	CM5521 CM5521030 CM5521035 CM5521040 CM5521060	8	STD 0.75 0.88 1.00 1.50
	4785 5801 5899	292 354 360	4.8 L 5.8 L 5.9 L	8 8 8		Claimer Ring Sets	101.60	2.00 2.00 4.75	102 T PC GI 126 RVT PC GI 860 FV CR 732 FV CR 339 T PM GI 126 RVT PC GI 860 FV CR 732 FV CR	C5531 CM5531 CM5531030	8 8	STD STD 0.75

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
CHRYSLER-Performance Claimer Ring Set												
	4785 5801 5899	292 354 360	4.8 L 5.8 L 5.9 L	8 8 8		Claimer Ring Set	101.60	1.60 1.60 4.75	102 T PC GI 126 RVT PC GI 860 FV CR 732 FV CR 339 T PM GI 126 RVT PC GI 860 FV CR 732 FV CR	C5532 C5532030 C5532040 C5532060 CM5532 CM5532020 CM5532030 CM5532035 CM5532040 CM5532060	8 8	STD 0.75 1.00 1.50 STD 0.50 0.75 0.88 1.00 1.50
	5916	361	5.9 L	8		Claimer Ring Set	104.77	2.00 2.00 4.75	339 T PM GI 126 RVT PC GI 860 FV CR 732 FV CR	CM5533 CM5533030	8	STD 0.75
	5916	361	5.9 L	8		Claimer Ring Set	104.77	1.60 1.60 4.75	102 T PC GI 126 RVT PC GI 860 FV CR 732 FV CR 339 T PM GI 126 RVT PC GI 860 FV CR 732 FV CR	C5534 C5534030 CM5534 CM5534030 CM5534040	8	STD 0.75 STD 0.75 1.00
	6276 6981	383 426	6.3 L 7.0 L	8 8		Claimer Ring Sets	107.95	1.60 1.60 4.75	339 T PM GI 126 RVT PC GI 622 FV CR 732 FV CR	CM5541 CM5541060	8	STD 1.50
CHRYSLER- Industrial												
T25, T50, T57, T81, T105				6			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
T57, T105, T112, T125				6			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
T26, T72, T96				6			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
T116, T207, T211, T215				6			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
C30, C36, IND9, IND12				8			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
H170, H225, HB170, HB225, HC170, HC225				6			86.36	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	687 687020 687030 687040 687060 2C687 2C687020 2C687030 2C687040 2C687060 2M687 2M687030 2M687040 2M687060	6 6 6	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50 STD 0.75 1.00 1.50














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
CHRYSLER- Industrial												
T42, T118, T120, T130, IND7, IND8, IND8A, 32, 33, 90BA, IND236, 251, 265 Repl. Eng. 237, 251				6			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
T42, IND8A, MA7-3, M47-4				6			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
IND18, IND18A, VT344, VT346				8			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
52, M44S				8			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
54				8			94.46	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	450 450030 450040 450060	8	STD 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C450 2C450030 2C450040 2C450060	8	STD 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M450 2M450030 2M450040 2M450060	8	STD 0.75 1.00 1.50
H318, HB318, HC318, HT318, M80, M318A, M318B, M318C				8			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
IND56A, M45-3, M45SP3				8			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
T190, T199, IND15, IND15A, 34, 35				6			101.60	2.38 3.18 3.18 6.35	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5156	6	STD














ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
CHRYSLER- Industrial												
HT361				8			104.78	2.38 2.38 4.75	363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6094 2C6094020 2C6094030 2C6094040 2C6094060 2M6094 2M6094030 2M6094040 2M6094060	8	STD 0.50 0.75 1.00 1.50 STD 0.75 1.00 1.50
H361, HB361, HC361				8			104.78	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	661 661010 661020 661030 661040 661060 2C661 2C661040 2M661 2M661010 2M661020 2M661030 2M661040 2M661060	8	STD 0.25 0.50 0.75 1.00 1.50 STD 1.00 STD 0.25 0.50 0.75 1.00 1.50
H413				8			106.36	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	437 437030 2M437030 437040 2M437040	8	STD 0.75 0.75 1.00 1.00
H383, HA383, M383, M383B, M426, M426D, M426D-606, 607, 608				8			107.95	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR 397 BF PM S 126 RVT PC GI 860 FV CR 732 FV CR	683 683010 683020 683030 683040 683060 683080 683100 2C683 2C683010 2C683020 2C683030 2C683040 2C683060 2M683 2M683010 2M683020 2M683030 2M683040 2M683060 2M683070 2M683080 2M683100	8	STD 0.25 0.50 0.75 1.00 1.50 2.00 2.50 STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50 1.75 2.00 2.50

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE
CHRYSLER- Industrial												
Irrigation Use	7210	440	7.2 L	8			109.73	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	692 692010 692020 692030 692040 692060	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	2C692 2C692030 2C692040 2C692060	8	STD 0.75 1.00 1.50
									345 T PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M692 2M692020 2M692030 2M692040 2M692060	8	STD 0.50 0.75 1.00 1.50
CHRYSLER- Marine												
	3572 3769	218 230	3.6 L 3.8 L	6 6		Ace, M46, M46S	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
	2786 3245 3687	170 198 225	2.8 L 3.2 L 3.7 L	6 6 6		M170, A; M225A, D;A, A-J Jet,103 series	86.36	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	687 687020 687030 687040 687060	6	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C687 2C687020 2C687030 2C687040 2C687060	6	STD 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M687 2M687030 2M687040 2M687060	6	STD 0.75 1.00 1.50
	4113 4343	251 265	4.1 L 4.3 L	6 6		Crown, M47, M47S	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
	4113	251	4.1 L	6		3 Ring Piston	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

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
CHRYSLER- Marine												
	4474	273	4.5 L	8			92.08	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	633 633010 633020 633030 633040 633060	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	2C633 2C633020 2C633030 2C633040	8	STD 0.50 0.75 1.00
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M633 2M633030 2M633040 2M633060	8	STD 0.75 1.00 1.50
	5211	318	5.2 L	8		Shallow Oil Ring grv.	99.31	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4735 4735020 4735030 4735040 4735060	8	STD 0.50 0.75 1.00 1.50
									363 BF CR GI 126 RVT PC GI 872 FV CR 732 FV CR	2C4735 2C4735020 2C4735030 2C4735040 2C4735060	8	STD 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2M4735 2M4735020 2M4735030 2M4735040 2M4735060	8	STD 0.50 0.75 1.00 1.50
	5211	318	5.2 L	8			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
	5801	354	5.8 L	8			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






ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE
CHRYSLER- Marine												
	5899	360	5.9 L	8			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
	5572	340	5.6 L	8			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
	5916	361	5.9 L	8			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 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
CHRYSLER- Marine												
	5916	361	5.9 L	8			104.78	2.38 2.38 4.75	363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6094 2C6094020 2C6094030 2C6094040 2C6094060 2M6094 2M6094030 2M6094040 2M6094060	8	STD 0.50 0.75 1.00 1.50 STD 0.75 1.00 1.50
	6768	413	6.8 L	8			106.36	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	437 437030 2M437030 437040 2M437040	8	STD 0.75 0.75 1.00 1.00
	6768	413	6.8 L	8			107.95	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR 397 BF PM S 126 RVT PC GI 860 FV CR 732 FV CR	683 683010 683020 683030 683040 683060 683080 683100 2C683 2C683010 2C683020 2C683030 2C683040 2C683060 2M683 2M683010 2M683020 2M683030 2M683040 2M683060 2M683070 2M683080 2M683100	8	STD 0.25 0.50 0.75 1.00 1.50 2.00 2.50 STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50 1.75 2.00 2.50
	7210	440	7.2 L	8			109.73	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 345 T PM GI 126 RVT PC GI 860 FV CR 732 FV CR	692 692010 692020 692030 692040 692060 2C692 2C692030 2C692040 2C692060 2M692 2M692020 2M692030 2M692040 2M692060	8	STD 0.25 0.50 0.75 1.00 1.50 STD 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
	6555	400	6.6 L	8			110.29	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	676 676030 2C676 2M676 2M676020 2M676030 2M676040	8	STD 0.75 STD STD 0.50 0.75 1.00

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
												
CHRYSLER-Australia												
	4015	245	4.0 L	6	1970-75	"D" Hemi Charger, Regal "D" Ranger XL "D" Hemi, Valiant VG, VH, VJ, Pacer & Regal 770 VIP	95.50	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	5586 5586020 5586040 2C5586 2C5586020 2C5586040	6	STD 0.50 1.00 STD 0.50 1.00
	4343	265	4.3 L	6	1971-On	Valiant VH & CH, Plymouth	99.31	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	5560 5560020 5560030 5560040 5560060 2C5560 2C5560020 2C5560030 2C5560040 2C5560060 2M5560 2M5560020 2M5560030 2M5560040 2M5560060	6	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
CITROEN												
ZM4 (EBO)	999		1.0 L	3	2012-On	C3	71.00	1.00 1.00 2.00	322 BF GN SS 123 RVT PC DI 248 CF CR 881 2PCO	2N4057	3	STD
TU1, (H1B), TU1 K TU1 CP (HAZ) TU1M (HDZ)	1124		1.1 L	4	1987-04	AX11, ZX 1 BX 11, C15 AX 11 CAT	72.00	1.50 2.00 3.00	362 BF 3CR GI 401 SCRPP PC GI 054 FV CR 732 FV CR	2C9356 2C9356020	4	STD 0.50
8 HX, 8 HY DV4 TD D4V TED 4	1399		1.4 L	4	2002-On	C 1, C 2, C 3, Xsara 1.4 HDi Diesel Eng	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
A06/635, A06/664 M28 (AM2), M28/1(AK2) M4 (AM)/ R06 627	602		0.6 L	2	1968-90	Citroen 2 CV6, AMI 6, Dyane 6, LNA, Mehari	74.00	1.50 2.00 4.00	362 BF 3CR GI 401 SCRPP PC GI 058 FV CR 732 FV CR	2C9503 2C9503040	2	STD 1.00
HMP, HMT, HMZ, HNY, HNZ	1119		1.2 L	3	2013-18	C1, C3, C4, DS3, DS4	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
DV6BTED4, DV6BUTED4 DV6C, DV6DBM (9HE) DV6DTED, DV6ETEDM DV6ETED (9HW)	1560		1.6 L	4	2005-On	Berlingo 1.6, C3, C4, C5 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
K1B, K1G, KAZ, ALL TU3 K3A, K1H, K6D, K6E, K6F, KFT, KFV, KFW, KFX K2A, K1F, K2B, K2D, KAY 9HZ, DV6TED, DV6TED4	1360		1.4 L	4	1983-10	AX 14, BX 14, C3, C15, ZX, Nemo, Berlingo, Saxo	75.00	1.75 2.00 3.00	362 BF 3CR GI 401 SCRPP PC GI 054 FV CR 732 FV CR	2C9372 2C9372010 2C9372020 2C9372030	4	STD 0.25 0.50 0.75
	1560		1.6 L	4	2004-08	C3, C4, C5 HDi 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
TUD 5, ATMO	1527		1.5 L	4	1995-03	AX, Saxo, Xsara, ZX Diesel Eng	77.00	2.00 1.75 3.00	363 BF CR GI 102 T PC GI 553 CF CR GI 881 2PCO	2D4981 2D498125 2D498150 2D4981100	4	STD 0.25 0.50 1.00
G103	1222		1.2 L	4		60CH Din TC: 8, 2, GS7CV Berline Break	77.00	1.75 2.00 4.00	362 BF 3CR GI 435 SCRPP PC GI 056 FV CR 732 FV CR	2C7215	4	STD

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
												
CITROEN												
TU5JP (NFZ) TU5JP2(NFW/NFY) TU5JP4(N6A) Peugeot Engine	1587		1.6 L	4	1993-01	106I, II, 306206, 106I, 106II 206 16V	78.50	1.50 1.50 3.00	327 BF PM GI 126 RVT PC GI 054 FV CR 732 FV CR	2M9365 2M9365010 2M9365020	4	STD 0.25 0.50
DW 8, DW 8 B, WJY, WJZ	1868		1.9 L	4	1998-05	Berlingo, Xsara Diesel Eng	82.20	2.00 2.00 3.00	205 BF CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2D5858 2D585850	1	STD 0.50
XUD 9, XUD 9 A	1905		1.9 L	4	1991-On	Expert, Jumpy, Jumper, Berlingo, Xsara,BX, ZX, C25, Xantia, Relay, Dispatch,Evasion, Exprt Diesel Eng	83.00	2.00 2.00 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 204 CF CR DI 881 2PCO	4865 4865020 2D4865 2D486550	4	STD 0.50 4 STD 0.50
XUD9BSD, XUD9BTF, XUD9SD, SUD9TE, XUD9TF, XUD9UF	1905		1.9 L	4	1992-03	Evasion,Jumper Box, Xantia, ZX Turbo Diesel	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
XUD9BSD, XUD9BTF, XUD9SD, XUD9TE, XUD9TF	1905		1.9 L	4	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	1905		1.9 L	4	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	1275		1.3 L	4	1993-02	Berlingo, Xantia, ZX BX Break	83.00	1.50 1.50 4.00	376 BF CR DI 126 RVT PC GI 58 FV CR 732 FV CR	2C5881	4	STD
RFH, RFJ, RFK, RFN, RFR, RLZ (EW10A)	1998		2.0 L	4	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 220 TBF PM DI 406 N PC DI 995 FV CR 732 FV CR	2C4106 2C410625 2C410650 2M4106 2M410620 2M410640 2M410660 2M410680	4	STD 0.25 0.50 4 STD 0.20 0.40 0.60 0.80
AHR, AHV, AHW, AHX, RHC, RHD, RHE, RHH	1997		2.0 L	4	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)	2179		2.2 L	4	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 DW12TED, DW 12 TED4	1999 2179		2.0 L 2.2 L	4 4	1999-08 2001-04	C5, HDi Berlingo, Xsara, Zantia HDi Break, Estate Turbo Diesel	85.00	3.50 2.00 3.00	213 FKST CC DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2D7176 2D717660	1	STD 0.60
829.A5 JT6A500/J6RA500	1995 2165		2.0 L 2.2 L	4 4	1979-80 1981-93	CXI, CXII, CXIII CXI, CXII, CXIII Break, Familiare Paklas, TRS	88.00	1.75 2.00 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 056 FV CR 732 FV CR	4257 2M4257 2M4257010	4	STD 4 STD 0.25
	1679		1.7 L	4	1966-75	O.H.V	90.00	2.00 2.00 5.00	362 BF 3CR GI 401 SCRPF PC GI 871 FV CR 732 FV CR	2C6864	4	STD














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
CITROEN												
B25637,CRD93L,CRD93B M22-629, M25-629, M25-637, M25-660	2498		2.5 L	4	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
8140.43N, 8140.43S, F28TDCR	2798		2.8 L	4	2000-10	Jumper w/2.5mm Keystone top grv. Turbo Diesel	94.40	2.50 2.00 2.50	233 FKST PM DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2M7450	1	STD
8140.43 (F28D)	2798		2.8 L	4	1992-02	Jumper Diesel	94.40	3.00 2.00 2.50	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7449	1	STD
CONTINENTAL												
				4		N62, N4062	60.33	2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 870 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 870 FV CR 732 FV CR	5671 2C5671 2C5671030	4 4	STD STD 0.75
				4		AU10, AU10R, Y69A	66.68	2.38 2.38 4.75	102 T PC GI 126 RVT PC GI 871 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 871 FV CR 732 FV CR	7859 2C7859 2C7859020 2C7859030 2C7859040	4 4	STD STD 0.50 0.75 1.00
				4		C4113, F124, F4124, LF124, PF124	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 362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	727 2C727	4 4	STD STD
				6		F186, F6186	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	4182	6	STD
				4		F124, F4124, LF124, PF124	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
				6		FS218	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 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	144 144040 144060 2C144	6 6	STD 1.00 1.50 STD
				4		Z129, ZA129	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

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
												
CONTINENTAL												
				4		Z134	84.14	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	2C7578	4	STD
				6		F226, F6226, FO6226 Checker Cab	84.14	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 901 GL	4233 4233040	6	STD 1.00
				6		F226, F227 Cont. Piston #F227A4061E	84.14	2.00 2.38 2.38 6.35	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6912	6	STD
Sleeved Eng.				4		Z134	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		G157 AI Piston GD157-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
				4		Z129, Z134 Increase Bore	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
Sleeved Eng.				4		C143, C400, C4143, G157 4 Ring Piston CI Piston 7-145 Aluminum Piston Z145, Z134 Increase Bore	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		F163 Fits Service Piston for F162	87.31	2.00 2.38 2.38 6.35	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6677 6677020 6677030 6677060	4	STD 0.50 0.75 1.50
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6677 2C6677030 2C6677040		STD 0.75 1.00
									327 BF PM GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2M6677 2M6677040		STD 1.00
				6		F245 Fits Service Piston for F244	87.31	2.00 2.38 2.38 6.35	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6678 6678020 6678030 6678060	6	STD 0.50 0.75 1.50
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6678 2C6678030 2C6678040		STD 0.75 1.00
				1		TM13, 20, 27 LP or Natural Gas	91.00	2.00 2.00 4.00	363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5659 2C5659020 2C5659030 2C5659040	1	STD 0.50 0.75 1.00

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CUMMINS												
12 cu. ft.						Compressor Diesel Eng	87.31	2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	6588	1	STD
										2C6588	1	STD
13.2 cu. ft. Sleeved Eng.						Compressor Diesel Eng	92.08	3.18 3.18 4.75	126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	5838 5838010	1	STD 0.25
										2C5838	1	STD
4BT-G3, 4B, 4B3.9M, 4BT, 4BT3.9M 6B5.9, 6BT5.9,6BTA-5.9	3922 5883		3.9 L 5.9 L	4 6	2008-On	AMW Series 2500 2516HL AMW Series 2500 2516TM Turbo Diesel OE Ref. #3802750	102.00	3.00 3.00 4.00	208 FKST CC DI 170 FKST PC GI 553 CF CR GI 881 2PCO	2D7484 2D7484020 2D7484040	1	STD 0.50 1.00
B Series	5880	359	5.9 L	6		Non Turbo, 12valve Naturally Aspirated OE Ref.#3802040 Diesel Eng	102.00	2.40 2.35 4.00	205 BF CR DI 135 T PC GI 553 CF CR GI 881 2PCO	2D7518 2D7518020 2D7518040	1	STD 0.50 1.00
4BT	3900	239	3.9 L	4		Turbo Diesel	102.00	3.00 2.35 4.00	208 FKST CC DI 135 T PC GI 553 CF CR GI 881 2PCO	2C4936	4	STD
6 BT	5880		5.9 L	6	1999-02	12 Valve Turbo Diesel	102.00	3.00 2.35 4.00	208 FKST CC DI 135 T PC GI 553 CF CR GI 881 2PCO	2D4914 2D491450 2D491475 2D4914100	6	STD 0.50 0.75 1.00
6 BT5.9, 6 BTA	5880	359	5.9 L	6	2004-07	AMW Series 24 Valve Turbo Diesel OE Ref#3804990/4089258	102.00	3.00 2.39 4.00	208 FKST CC DI 129 T PC 553 CF CR GI 881 2PCO	2D7276 2D727650 2D7276100	6	STD 0.50 1.00
95,100 H.P. 105, 110 H.P 125, 130 H.P 150, 160 H.P 165, 175 H.P 175 H.P.				6		J, J6 JF, JF6 JN, JN6 JS, JS6 JNS,JNS6 JT, JT6, JT10, JT15, JT20 Diesel Eng	104.78	3.18 3.18 3.18 4.75	372 FKST CR DI 170 FKST PC GI 170 FKST PC GI 565 CF CR GI 881 2PCO	2C6016	6	STD
ETJ, EJK, ISB 200 Vin. C,A,L	6700	408	6.7 L	6	2007-8	OE Ref. #4955366 Turbo Diesel	107.00	2.87 2.50 3.46	224 FKST PM DI 126 RVT PC GI 553 CF CR GI 881 2PCO	2M5872 2M587250 2M5872100	6	STD 1.25 2.50
165, 175 H.P 180 H.P 180, 190 H.P 225, 240 H.P 200 H.P 375 H.P 220 H.P 275 H.P 180 H.P 195 H.P 300, 320 H.P 275, 290 H.P. 300 H.P 335, 375 H.P 250 H.P 400, 450 H.P Sleeved Eng.				6		HR, HR6 HR600, HRB1600, HRF, HRF6, IRB600 HRF20, HRF6-20 HRS, HRS6 HT6, NH, NH10, NH20 NFT, NFT6 NH220 NHBS600 NHE180 NHE195 NHHS, NHHS, NHR, NHRS, NHRS6 NHS, NHS6 NHS600, NRT, NRT6, NRT20 NRTO, NRTO6 NT, NT6, NT20 NVH, NVH12 Diesel Eng	130.18	4.00 4.00 4.00 6.35	381 FKST CR DI 180 FKST PC GI 180 FKST PC GI 579 CF KST CR GI 881 2PCO	2C6500	6	STD














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
DAEWOO												
F6B F8C, F8CV Suzuki Eng.	600 800		0.6 L 0.8 L	3 3	1999-On 1999-02	Matiz, Tico Damas, Mitiz, Tico	68.50	1.20 1.50 2.80	398 BF CR S 126 RVT PC GI 859 FV CR 732 FV CR	2C5039 2C5039010 2C5039020 2C5039030 2C5039040	3	STD 0.25 0.50 0.75 1.00
3EA Pontiac Eng SOHC	796		0.8 L	3	2003-On	Matiz	68.50	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5273 2C5273010 2C5273020 2C5273030 2C5273040 2C5273060	1	STD 0.25 0.50 0.75 1.00 1.50
4EA LQ5 Pontiac Eng SOHC	995 1150		1.0 L 1.2 L	4 4	2003-10 2006-07	Matiz, Tico AVEO Stufenheck	68.50	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C4522 2C4522250 2C452275 2C4522100	4	STD 0.50 0.75 1.00
	1378		1.4 L	4			76.50	1.20 1.50 2.50	398 BF CR S 401 SCRPP PC GI 995 FV CR 732 FV CR	2C5177 2C5177010 2C5177020 2C5177030	4	STD 0.25 0.50 0.75
A15MF	1498		1.5 L	4	1985-96	Leman, Espeso, Lanos, Kadett Nubira, Nexia,	76.50	1.50 1.50 3.00	032 BF PC GI 401 SCRPP PC GI 054 FV CR 732 FV CR	4819 4819010 4819020 4819030 4819040	4	STD 0.25 0.50 0.75 1.00
									362 BF 3CR GI 401 SCRPP PC GI 054 FV CR 732 FV CR	2C4819 2C4819010 2C4819020 2C4819030 2C4819040	4	STD 0.25 0.50 0.75 1.00
DAIHATSU												
	843		0.8 L	3	1983-98	Charade CD Hi-Jet, Sparcar, Zebra	70.00	1.50 1.50 2.80	032 BF PC GI 126 RVT PC GI 859 FV CR 732 FV CR	6163	3	STD 0.25 0.50 0.75
									362 BF 3CR GI 126 RVT PC GI 859 FV CR 732 FV CR	2C6163 2C6163010 2C6163020 2C6163030	3	STD 0.25 0.50 0.75
EJ Gasoline	989		1.0 L	3	2003-On	Mira, Gino, Storia	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
K3-VE Toyota Eng. DOHC	1298		1.3 L	4	2005-08	Sirion, Terios	72.00	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 990 FV CR 732 FV CR	2C5266 2C5266010 2C5266016 2C5266020 2C5266024 2C5266030 2C5266040	4	STD 0.25 0.40 0.50 0.60 0.75 1.00
EK23	544		0.5 L	2		Fuji	76.00	1.50 1.50 2.80	032 BF PC GI 126 RVT PC GI 861 FV CR 732 FV CR	6153 6153010 6153020 6153030 6153040	2	STD 0.25 0.50 0.75 1.00
									362 BF 3CR GI 126 RVT PC GI 861 FV CR 732 FV CR	2C6153 2C6153010 2C6153020 2C6153030 2C6153040	2	STD 0.25 0.50 0.75 1.00














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
DAIHATSU												
CB10, CB32, CB90, G10	993		1.0 L	3	1978-92	Charade	76.00	1.50 1.50 2.80	032 BF PC GI 435 SCRPP PC GI 861 FV CR 732 FV CR 362 BF 3CR GI 435 SCRPP PC GI 861 FV CR 732 FV CR	4459 4459020 4459030 4459040 2C4459 2C4459010 2C4459020 2C4459030 2C4459040	3 3	STD 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00
HCE	1295		1.3 L	4	1989-92	Applause, Charade, G102S, G112S	76.00	1.20 1.50	398 BF CR S 126 RVT PC GI	2C4875 2C4875010	4	STD 0.25
HDE	1589		1.6 L	4	1990-92	Rocky		3.00	996 FV CR 732 FV CR	2C4875020 2C4875030		0.50 0.75
DODGE TRUCKS												
	1597	98	1.6 L	4	1971-84		76.90	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR	675 675010 675020 675030 675040 675060 2C675 2C675010 2C675020 2C675030 2C675040	4 4	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00
	3572 3769	218 230	3.6 L 3.8 L	6 6	1934-56 1941-60	L-head 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 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	144 144040 144060 2C144	6 6	STD 1.00 1.50 STD
	3769	230	3.8 L	6	1941	WC, WD Series	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
				6	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
	1999	122	2.0 L	4	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 362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	4247 4247020 4247030 4247040 4247060 2C4247 2C4247010 2C4247020 2C4247030 2C4247040 2C4247060	4 4	STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
A Engine	1999	122	2.0 L	4	1983-86		85.00	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	6171 6171020 6171030 6171040 6171060 2C6171 2C6171020 2C6171030 2C6171040 2C6171060	4 4	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50














ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
DODGE TRUCKS												
A Engine	1999	122	2.0 L	4	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
Vin. A Vin. A Vin. B, C, E, M, N, W, X	2786 3245 3687	170 198 225	2.8 L 3.2 L 3.7 L	6 6 6	1961-69 1970-73 1961-87		86.36	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	687 687020 687030 687040 687060	6	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C687 2C687020 2C687030 2C687040 2C687060	6	STD 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M687 2M687030 2M687040 2M687060	6	STD 0.75 1.00 1.50
4G64 Mitsubishi eng	2400	146	2.4 L	4	1993-05	RSD2	86.50	1.20 1.50 2.80	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4780 2C4780020 2C4780030 2C4780040 2C4780060	4	STD 0.50 0.75 1.00 1.50
4G64 Mitsubishi eng	2350	146	2.4 L	4	1993-96		86.50	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4783 2C4783010 2C4783020 2C4783030 2C4783040 2C4783060	4	STD 0.25 0.50 0.75 1.00 1.50
4G64 Mitsubishi eng	2350	146	2.4 L	4	1990-93		86.50	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	4638 4638020 4638030 4638040 4638060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C4638 2C4638010 2C4638020 2C4638030 2C4638040	4	STD 0.25 0.50 0.75 1.00
C1J, C1JA, C1K, C1KA	3949	241	3.9 L	8	1954		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
	4113 4343	251 265	4.1 L 4.3 L	6 6	1954-68 1955-68		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

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE
DODGE TRUCKS												
Vin. B, C, D	2212 2507	135 153	2.2 L 2.5 L	4 4	1985-89 1986-95	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
Vin. B, C, D	2212	135	2.2 L	4	1981-85	Deep Oil Ring Grv.	87.50	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	5652 5652010 5652020 5652030 5652040 5652060	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	2C5652 2C5652010 2C5652020 2C5652030 2C5652040 2C5652060	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	2M5652 2M5652010 2M5652020 2M5652030 2M5652040 2M5652060	4	STD 0.25 0.50 0.75 1.00 1.50
Vin: B,R,X,1,3	2429	148	2.4 L	4	1998-05		87.50	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 872 FV CR 732 FV CR	2C4948 2C4948010 2C4948020 2C4948030 2C4948040	4	STD 0.25 0.50 0.75 1.00
OM 612, OM 647 Mercedes Engine	2685	165	2.7 L	5	2003-10	Sprinter 20 V Turbo Diesel L5	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
C3B8, C8, D8, F8, G8, H8	4261	260	4.3 L	8	1955-56		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
4D55	2343	143	2.3 L	4	1983-87	Ram, D50 Diesel Eng	91.10	2.50 2.00 4.00	370 HKST 3CR GI 370 HKST 3CR GI 204 CF CR DI 881 2PCO	2D5666 2D566650 2D566675 2D5666100	4	STD 0.50 0.75 1.00
G54B Vin. E,G Mitsubishi eng	2555	156	2.6 L	4	1983-89		91.10	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	5667 5667010 5667020 5667030 5667040 5667060	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	2C5667 2C5667010 2C5667020 2C5667030 2C5667040 2C5667060	4	STD 0.25 0.50 0.75 1.00 1.50

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
DODGE TRUCKS												
G54B Vin. E, G, W, 7, F	2555	156	2.6 L	4	1979-83		91.10	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 870 FV CR 732 FV CR	5595 5595010 5595020 5595030 5595040 5595060	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	2C5595 2C5595010 2C5595020 2C5595030 2C5595040 2C5595060	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	2M5595 2M5595010 2M5595020 2M5595030 2M5595040 2M5595060	4	STD 0.25 0.50 0.75 1.00 1.50
6G72 Vin: H Mitsubishi eng	2972	181	3.0 L	6	1991-05	Dodge Stratus	91.10	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4670 2C4670020 2C4670030 2C4670040 2C4670060	6	STD 0.50 0.75 1.00 1.50
6G72 Vin: H Mitsubishi eng	2972	181	3.0 L	6	1987-04		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
	4425 4474 5162	270 273 315	4.4 L 4.5 L 5.2 L	8 8 8	1955-59 1964-67 1955-59		92.08	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	633 633010 633020 633030 633040 633060	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	2C633 2C633020 2C633030 2C633040	8	STD 0.50 0.75 1.00
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M633 2M633030 2M633040 2M633060	8	STD 0.75 1.00 1.50
Vin: G,R,3	3294	201	3.3 L	6	1998-09	Shallow Top Grv.	93.00	1.50 1.50 3.00	335 T PM DI 126 RVT PC GI 872 FV CR 732 FV CR	2M5014 2M5014020 2M5014030 2M5014040 2M5014060	6	STD 0.50 0.75 1.00 1.50
Vin. K, J, R, 3 Vin: K	3300 3703	201 226	3.3 L 3.7 L	6 6	1988-97 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














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
												
DODGE TRUCKS												
Vin: P	4670	285	4.7 L	8	2008-13	Dakota, Ram flex fuel	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
Vin. N	4703	287	4.7 L	8	1999-07		93.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4790 4790010 4790020 4790030 4790040	8	STD 0.25 0.50 0.75 1.00
	3507 3785	214 231	3.5 L 3.8 L	6 6	1993-94 1991-00		96.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4648 4648010 4648020 4648030 4648040 4648060	6	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	2M4648 2M4648020 2M4648030 2M4648040 2M4648060	6	STD 0.50 0.75 1.00 1.50
									322 BF GN SS 126 RVT PC GI 987 FV GN SS 714 GN SS	2N4648 2N464850	6	STD 0.50
ERB Vin: G	3605	220	3.6 L	6	2011-15	Avenger, Caravan, Durango, Journey, Flexfuel	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
Vin. L, P, 1 Vin. X	3800 3952	231 241	3.8 L 4.0 L	6 6	2001-10 2007-11	Caravan, Nitro Caravan, Nitro	96.00	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 872 FV CR 732 FV CR	2C4890 2C4890004 2C4890010 2C4890020 2C4890030 2C4890040 2C4890060	6	STD 0.10 0.25 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2M4890 2M4890010 2M4890020 2M4890030 2M4890040	6	STD 0.25 0.50 0.75 1.00
L4 Vin. P	2507	153	2.5 L	4	1996-02		98.43	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	4925 4925020 4925030 4925040 4925060	4	STD 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 056 FV CR 732 FV CR	2M4925 2M4925020 2M4925030 2M4925040 2M4925060	4	STD 0.50 0.75 1.00 1.50

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
												
DODGE TRUCKS												
	5129	313	5.1 L	8	1958-65	Canada	98.43	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	660 660010 660020 660030 660040 660060 660080	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	2C660 2C660010 2C660020 2C660030 2C660040 2C660060 2C660080	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	2M660 2M660010 2M660020 2M660030 2M660040 2M660060 2M660080	8	STD 0.25 0.50 0.75 1.00 1.50 2.00
Vin: X	3917	239	3.9 L	6	1992-03	Shallow Oil Ring Grv.	99.31	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4760 4760020 4760030 4760040 4760060	6	STD 0.50 0.75 1.00 1.50
									363 BF CR GI 126 RVT PC GI 872 FV CR 732 FV CR	2C4760 2C4760020 2C4760030 2C4760040 2C4760060	6	STD 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2M4760 2M4760020 2M4760030 2M4760040 2M4760060	6	STD 0.50 0.75 1.00 1.50
EHA	3917	239	3.9 L	6	1987-91		99.31	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5560 5560020 5560030 5560040 5560060	6	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5560 2C5560020 2C5560030 2C5560040 2C5560060	6	STD 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 860 FV CR 732 FV CR	2M5560 2M5560020 2M5560030 2M5560040 2M5560060	6	STD 0.50 0.75 1.00 1.50
Vin:T,Y	5211	318	5.2 L	8	1991-03	Shallow Oil Ring Grv.	99.31	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4735 4735020 4735030 4735040 4735060	8	STD 0.50 0.75 1.00 1.50
									363 BF CR GI 126 RVT PC GI 872 FV CR 732 FV CR	2C4735 2C4735020 2C4735030 2C4735040 2C4735060	8	STD 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2M4735 2M4735020 2M4735030 2M4735040 2M4735060	8	STD 0.50 0.75 1.00 1.50

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
DODGE TRUCKS												
Vin: E, G, P, T, U, Y	5211	318	5.2 L	8	1959-93		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
EZC, EZH Vin: T	5654	345	5.7 L	8	2009-15	Challenger, Charger, 300 Hemi	99.50	1.20 1.20 2.00	397 BF PM S 126 RVT PC GI 989 FV CR 732 FV CR	2M5141 2M5141004 2M5141020 2M5141030 2M5141040	8	STD 0.10 0.50 0.75 1.00
Vin: D,H,2	5703	348	5.7 L	8	2003-08	Hemi	99.50	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 997 FV CR 732 FV CR	5097 5097010 5097020 5097030 5097040	8	STD 0.25 0.50 0.75 1.00
									397 BF PM S 126 RVT PC GI 997 FV CR 732 FV CR	2M5097 2M5097010 2M5097020 2M5097030 2M5097040 2M5097060	8	STD 0.25 0.50 0.75 1.00 1.50
	5801	354	5.8 L	8	1957-59		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
	6178	377	6.2 L	6	1950-52		101.60	2.38 3.18 3.18 6.35	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5156	6	STD
Vin: Z	5899	360	5.9 L	8	1995-04		101.60	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 635 FV CR 732 FV CR	4726 4726020 4726030 4726040 4726060	8	STD 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 635 FV CR 732 FV CR	2M4726 2M4726005 2M4726010 2M4726020 2M4726030 2M4726040 2M4726060	8	STD 0.13 0.25 0.50 0.75 1.00 1.50

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE
DODGE TRUCKS												
Vin. F, K, W, S, T, U, V, Y, Z, 1, 5	5899	360	5.9 L	8	1972-94		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
Vin: W	7997	488	8.0 L	10	1994-03		101.60	1.50 1.50 4.00	397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2M4785 2M4785020 2M4785030 2M4785040 2M4785060	10	STD 0.50 0.75 1.00 1.50
6B-5.9, 6BT 5.9 Vin; C,D, 7, Z Cummins Eng. 12V, 24V incl Turbo	5883	359	5.9 L	6	1989-03	D250, D350, Ram2500, 3500 W250, W350 OE Ref. #3802421 Diesel Eng	102.00	3.00 2.35 4.00	208 FKST CC DI 135 T PC GI 553 CF CR GI 881 2PCO	2D4914 2D491450 2D491475 2D4914100	6	STD 0.50 0.75 1.00
6B-5.9, 4B-5.9 12V, 24V Cummins Eng. incl Turbo	5883	359	5.9 L	6	2004-07	Ram 2500, 3500, 4000 OE Ref #3804990/4089258 Diesel Eng 2nd ring increased gap	102.00	3.00 2.39 4.00	208 FKST CC DI 129 T PC 553 CF CR GI 881 2PCO	2D7276 2D727650 2D7276100	6	STD 0.50 1.00
Vin. W, 3	6063	370	6.1 L	8	2005-10		103.00	1.50 1.50 3.00	336 T PM DI 126 RVT PC GI 054 FV CR 732 FV CR	2M4907 2M4907010 2M4907020 2M4907030 2M4907040 2M4907060	8	STD 0.25 0.50 0.75 1.00 1.50
Vin. N,Z	8439	515	8.4 L	10	2008-14		103.00	1.50 1.50 3.00	336 T PM DI 406 N PC DI 054 FV CR 732 FV CR	2M5378 2M5378020 2M5378030 2M5378040	10	STD 0.50 0.75 1.00
ESH Vin J	6424	392	6.4 L	8	2011-16	SRT8, Challenger, Charger Hemi OHV FI	104.00	1.20 1.20 2.00	397 BF PM S 406 N PC DI 934 FV CR 935 FV CR	2M5379 2M5379020 2M5379030 2M5379040	8	STD 0.50 0.75 1.00
	5916	361	5.9 L	8	1960-76		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
ETJ, ETK Vin. A,L	6700	408	6.7 L	6	2007-17	RAM 2500, 3500, 4500,5500 Turbo/Intercooled Cummins OE Ref. #4955366 Diesel Eng	107.00	2.87 2.50 3.46	224 FKST PM DI 126 RVT PC GI 553 CF CR GI 881 2PCO	2M5872 2M587250 2M5872100	6	STD 1.25 2.50

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
DODGE TRUCKS												
Vin. J	6276	383	6.3 L	8	1967-71		107.95	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	683 683010 683020 683030 683040 683060 683080 683100	8	STD 0.25 0.50 0.75 1.00 1.50 2.00 2.50
									363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C683 2C683010 2C683020 2C683030 2C683040 2C683060	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	2M683 2M683010 2M683020 2M683030 2M683040 2M683060 2M683070 2M683080 2M683100	8	STD 0.25 0.50 0.75 1.00 1.50 1.75 2.00 2.50
	7210	440	7.2 L	8	1972-80		109.73	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	692 692010 692020 692030 692040 692060	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	2C692 2C692030 2C692040 2C692060	8	STD 0.75 1.00 1.50
									345 T PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M692 2M692020 2M692030 2M692040 2M692060	8	STD 0.50 0.75 1.00 1.50
	6555	400	6.6 L	8	1972-79		110.29	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	676 676030	8	STD 0.75
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C676	8	STD
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M676 2M676020 2M676030 2M676040	8	STD 0.50 0.75 1.00
	7833 8997	478 549	7.8 L 9.0 L	8 8	1970-78 1970-78		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

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
												
FAIRBANKS												
ZC Eng.						ZC118 6-7 H.P.	127.00	4.75	102 T PC GI 435 SCRPP PC GI	6081	1	STD
								4.75	501 1PCO PC GI 825 2PCO			
Z Eng. ZC Eng.						6 H.P. ZC208 8-9 H.P.	146.05	4.75	102 T PC GI	6082	1	STD
								4.75	435 SCRPP PC GI	6082020		0.50
								4.75	501 1PCO PC GI 825 2PCO	6082030		0.75
FIAT												
100D	767		0.8 L	4	1960-70	Fiat 600D, 770, 767 Water Cooled OHV	62.00	2.00 2.00 4.00	102 T PC GI 401 SCRPP PC GI 055 FV CR 732 FV CR	6717 6717020 6717024 6717032 6717040	4	STD 0.50 0.60 0.80 1.00
									362 BF 3CR GI 401 SCRPP PC GI 055 FV CR 732 FV CR	2C6717 2C6717016 2C6717020 2C6717024 2C6717032 2C6717040 2C6717060	4	STD 0.40 0.50 0.60 0.80 1.00 1.25
1170 A1.046 170 A1.000, 170 A1.046	899 903		0.9 L 0.9 L	4 4	1991-10 1991-93	Cinquecento, Panda, Seicento	65.00	1.50 1.50 3.00	215 TBF CR DI 123 RVT PC DI 553 CF CR GI 881 2PCO	2C4148 2C414860	4	STD 0.60
141 B.000 100 GL6.000 M020AA.09.0,146 A.000 146 A.1000,146 A.048, 1170 A1.000	770 843 903		0.8 L 0.8 L 0.9 L	4 4 4	1986-95 1963-73 1970-99	Panda 750 850 Uno 45, Panda, Panda 900, Fiorino 1.0, 127, Cinquecento 0.9	65.00	1.75 2.00 4.00	102 T PC GI 401 SCRPP PC GI 055 FV CR 732 FV CR	6796	4	STD
									362 BF 3CR GI 401 SCRPP PC GI 055 FV CR 732 FV CR	2C6796 2C679660	4	STD 0.60
169 A1.000 188 A8.000 199 A2.000	1248		1.3 L	4	2003-12	500, 500C, Panda Doblo,Panda, Idea, Punto,Siena Fiorino, Doblo, Punto	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	STD 0.40 0.60
199 B2.000 Euro 5 199 B4.000 Euro 5	1248		1.3 L	4	2008-On	500L, Punto Turbo Diesel	69.60	1.50 1.50 2.00	239 BF CC DI 123 RVT PC DI 248 CF CR 881 2PCO	2D7836 2D783640	4	STD 0.40
156 A2.246, 156 A2.050 156 A3.000,156 C.046 160 A3.000 M 204 AA 11.0	999 1108		1.0 L 1.1 L	4 4	1985-On 1988-92	Panda 1000, Uno 45, 50, 60 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
110 D.000	499		0.5 L	2		N500 D-F-L-GTN	70.00	2.00 2.00 3.50	032 BF PC GI 401 SCRPP PC GI 055 FV CR 732 FV CR	4481	2	STD
									362 BF 3CR GI 401 SCRPP PC GI 055 FV CR 732 FV CR	2C4481	2	STD
176A6 SPI, M644LA.11.T M609VA.11.C	1108		1.1 L	4	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

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
FIAT												
176A8MPI 176B9000 176A6SPI 176A7SPI	1242		1.2 L	4	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
178 F3.011, 178 F3.011 199 A7.000, 350 A1.000	1368		1.4 L	4	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
198.A1.000, 198.A4.000 312 A1.000, 312 A3.000	1368		1.4 L	4	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 2C5266010 2C5266016 2C5266020 2C5266024 2C5266030 2C5266040	4	STD 0.25 0.40 0.50 0.60 0.75 1.00
8X Flex	1368		1.4 L	4	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
112B	1795		1.8 L	6	1959-68	Eng. 1800, 1800B	72.00	2.00 2.00 4.00	362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C6709	6	STD
	1221 1295		1.2 L 1.3 L	4 4	1963-69 1963-69	1100D, 1100TZ 125P, 1300	72.00	2.00 2.00 4.00	362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C6752	4	STD
9HU	1560		1.6 L	4	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
131	1297		1.3 L	4	1974	1300 Mirafiori Special Familiare	76.00	1.50 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 055 FV CR 732 FV CR	4479 4479010 4479016 4479024 4479032 4479040 4479060 4479063	4	STD 0.25 0.40 0.60 0.80 1.00 1.50 1.60
									362 BF 3CR GI 401 SCRPP PC GI 055 FV CR 732 FV CR	2C4479 2C4479010 2C4479016 2C4479020 2C4479024 2C4479032 2C4479040 2C4479060 2C4479063	4	STD 0.25 0.40 0.50 0.60 0.80 1.00 1.50 1.60
127 A1.000, 127 A6.000 127 A3.000, 131 A6.000 131 B.000	1049 1297		1.0 L 1.2 L	4 4	1978-82 1974-83	1.0 Sport, Ritmo I 60 1.3 Sport, 1.3 Mirafiori	76.00	1.50 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR	4493 4493016 4493024 4493032 4493040 4493063	4	STD 0.40 0.60 0.80 1.00 1.60
									362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C4493 2C4493010 2C4493016 2C4493020 2C4493024 2C4493030 2C4493032 2C4493040 2C4493060 2C4493063	4	STD 0.25 0.40 0.50 0.60 0.75 0.80 1.00 1.50 1.60
				4		147, 148 Mod Gas/Alch Fits Brazilian Mahle Piston	76.00	1.50 2.00 4.00	363 BF CR GI 401 SCRPP PC GI 058 FV CR 732 FV CR	2C4830 2C4830016 2C4830020 2C4830024	4	STD 0.40 0.50 0.60














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
FIAT												
131A	1297		1.3 L	4	1976	Fiorino 1300 Panorama 1300 1500, Gas/Alch Fits Brazilian Mahle Piston	76.00	1.50 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 055 FV CR 732 FV CR 363 BF CR GI 401 SCRPP PC GI 055 FV CR 732 FV CR	4831 2C4831 2C4831016 2C4831024	4	STD 0.40 0.60
E201	1500		1.5 L	4	1992-On	Fiorino, Pick-Up	76.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 054 FV CR 732 FV CR	4932 4932008 4932016 4932020 4932024 4932032 2C4932 2C4932008 2C4932016 2C4932020 2C4932024 2C4932032	4	STD 0.20 0.40 0.50 0.60 0.80 STD 0.20 0.40 0.50 0.60 0.80
115C	1481		1.5 L	4	1961-70	1500 Spyder, C, L, TS	77.00	2.00 2.00 4.00	102 T PC GI 435 SCRPP PC GI 055 FV CR 732 FV CR 362 BF 3CR GI 435 SCRPP PC GI 055 FV CR 732 FV CR	6741 2C6741 2C6741020 2C6741024 2C6741040	4	STD STD 0.50 0.60 1.00
	2279		2.3 L	6	1962-64	2300	78.00	2.00 2.00 4.00	102 T PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	6757 2C6757	6	STD STD
	1491		1.5 L	4	1969-71	1500S, 1600	78.00	2.00 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 055 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 055 FV CR 732 FV CR	6860 2C6860	4	STD STD
115C, 128A, 828A, 124B 125A, 132AB, 132AC	1166 1438 1608		1.1 L 1.4 L 1.6 L	4 4 4	1972-89 1967-75 1968-76	Sedan, Wagon, GV Beta 1400, Coupe, Synder Sedan, Wagon, Special 124 Coupe, Spyder, Beta 1600	80.00	1.50 2.00 4.00	102 T PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	6814 6814020 6814030 6814032 6814040 6814060 2C6814 2C6814020 2C6814024 2C6814030 2C6814032 2C6814040 2C6814060 2C6814063	4	STD 0.50 0.75 0.80 1.00 1.50 STD 0.50 0.60 0.75 0.80 1.00 1.50 1.60
146 C1.000, 146 C5.000, 146 D5.000, 159 A2.000 160 A1.000, 160 A1.046 160 A1.048, 178 B2.000 836 A4.000	1372		1.4 L	4	1988-01	Fiorino, Tempra, Tipo, Uno	80.50	1.50 1.75 3.00	032 BF PC GI 401 SCRPP PC GI 054 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 054 FV CR 732 FV CR	5247 5247016 5247020 5247024 2C5247 2C5247024 2C5247040	4	STD 0.40 0.50 0.60 STD 0.60 1.00














ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET  Set #	CYL SET 	SIZE 
FIAT												
146 A2.000,146 A2.146, 146 A2.246	1301		1.3 L	4	1985-91	Uno Incl. Turbo	80.50	1.50 2.00 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	5254 5254024	4	STD 0.60
182 A7.000, 182 A8.000 185 A2.000 SOHC	1910 2387		1.9 L 2.4 L	4 5	1996-02 1996-99	Brava, Marea 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
223 A6.000, 192 A3.000, 188 A7.000, 186 A6.000 188 A3.000, 188 A2.000	1910		1.9 L	4	1999-09	Marea, Multipla, Palio, Punto, Stilo, Doblo, Siena, Strada Turbo Diesel	82.00	2.50 2.00 2.00	217 BF CR DI 210 SCRPF TF PC DI 248 CF CR 881 2PCO	2C7340	1	STD
182 B4.000 185 A6.000, 839 A5.000	1910 2387		1.9 L 2.4 L	4 5	1998-10 1999-02	Brava, Marea, Multipla Marea Turbo Diesel	82.00	3.00 2.00 3.00	221 FKST CC DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2D7355	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, 939A3.000, 223A6.000 223A7.000, 937A7.000, D19AA 939 A3.000	1910 2387		1.9 L 2.4 L	4 5	1997-10 2005-On	Bravo,Croma,Doblo,Multipla, Marea, Palio, Punto, Stilo Turbo Diesel 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	1	STD
DW8, WJY, WJZ	1868		1.9 L		1998-06	Scudo Box Diesel Eng	82.20	2.00 2.00 3.00	205 BF CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2D5858 2D585850	1	STD 0.50
198 A5.000, 250 A1.000 263 A1.000, 844 A2.000 939 B5.000, 940 A5.000 D20AA Euro 5	1956		2.0 L	4	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
D8B, DHX, XUD9TE	1905		1.9 L	4	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	1905		1.9 L	4	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	1905		1.9 L	4	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
	2000		2.0 L	4	1992-99	8V MPI (Italian) Celta, Croma, Tempra	84.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 4555024 054 FV CR 732 FV CR	4555 4555016 4555024 4555032 4555040	4	STD 0.40 0.60 0.80 1.00
									362 BF 3CR GI 126 RVT PC GI 054 FV CR 732 FV CR	2C4555 2C4555016 2C4555024	4	STD 0.40 0.60
131 132, 132A, 132C, 132AZ	1585 1756 1995		1.6 L 1.8 L 2.0 L	4 4 4	1974-On 1971-78 1979-83	Mirafiori Special Familiare 124 Coupe, Brava, Spider Spyder 2000, Brava	84.00	1.50 2.00 4.00	102 T PC GI 401 SCRPF 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 SCRPF 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 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
FIAT												
RH02 RHC, RHD, RHE, RHH	1997		2.0 L	4	2010-On	Scudo 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
				4		La Piccola- R411 R/C	85.00	3.00 3.00 3.00 5.50	362 BF 3CR GI 032 BF PC GI 401 SCRPP PC GI 860 FV CR 732 FV CR	2C6832	4	STD
RHR, RHK, DW10 4W, 4HX	1997 2179		2.0 L 2.2 L	4 4	1999-11 2002-06	Scudo, Ulysse Ulysse Turbo Diesel	85.00	3.50 2.00 3.00	213 FKST CC DI 210 SCRPP TF PC DI 204 CF CR DI 881 2PCO	2D7176 2D717660	1	STD 0.60
128A1.000/AC.000 128AS.000	1290		1.3 L	4	1972-84	X1/9,128 Sedan, Wagon	86.00	1.50 2.00 4.00	032 BF PC GI 435 SCRPP PC GI 056 FV CR 732 FV CR	9514 9514010 9514016 9514020 9514024 9514030 9514032 9514040 9514060	4	STD 0.25 0.40 0.50 0.60 0.75 0.80 1.00 1.50
	1585		1.6 L	4		Florida	86.40	1.50 2.00 3.00	362 BF 3CR GI 401 SCRPP PC GI 054 FV CR 732 FV CR	2C4519	4	STD
185 A3.000, 182 A6.000, 182 A4.000, 178 B3.000	1581		1.6 L	4	1995-02	Brava, Palio, Marea	86.40	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	4523 4523016	4	STD 0.40
									363 BF CR GI 126 RVT PC GI 054 FV CR 732 FV CR	2C4523 2C4523016 2C4523020 2C4523024 2C4523040	4	STD 0.40 0.50 0.60 1.00
160 A2.000, 176 A9.000 220 A2.000, 835 C1.000	1581		1.6 L	4	1988-97	Punto, Scudo Box, Tempra, Tipo Brazilian Mahle Piston	86.40	1.50 1.75 3.00	032 BF PC GI 401 SCRPP PC GI 054 FV CR 732 FV CR	4800 4800016 4800024 4800040	4	STD 0.40 0.60 1.00
									363 BF CR GI 401 SCRPP PC GI 054 FV CR 732 FV CR	2C4800 2C4800016 2C4800024 2C4800040	4	STD 0.40 0.60 1.00
138 A1.000,138 A3.000, 138 B2.000,149 A7.000, 149 A3.000 138 A2.000, 138 A4.000 138 B3.048	1302 1498		1.3 L 1.5 L	4 4	1978-89 1978-89	Regata, Ritmo, Uno, X 1/9 Regata, Ritmo Brazilian Mahle Piston	86.40	1.50 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 058 FV CR 732 FV CR	4804 4804016 4804024 4804040	4	STD 0.40 0.60 1.00
									363 BF CR GI 401 SCRPP PC GI 058 FV CR 732 FV CR	2C4804 2C4804008 2C4804016 2C4804020 2C4804024 2C4804040	4	STD 0.20 0.40 0.50 0.60 1.00

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
FIAT												
138A, 138AE	1498		1.5 L	4	1979-82	X 1/9 Strada, Delta 1500	86.40	1.50 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 860 FV CR 732 FV CR	6139 6139016 6139032 6139040 2C6139 2C6139010 2C6139016 2C6139032 2C6139040	4	STD 0.40 0.80 1.00 STD 0.25 0.40 0.80 1.00
F1AE0481C, F1AE0481D F1AE0481N, F1AE0481T	2286		2.3 L	4	2002-10	Ducato Euro 3 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
131, 132			2.5 L	4		Daily Diesel Eng	93.00	3.00 2.00 4.00	376 BF CR DI 401 SCRPP PC GI 200 CF PC GI 881 2PCO	2D9384	4	STD
8140.43	2800		2.8 L	4	1997-02	Ducato w/3.0mm Keystone top grv. 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	2798		2.8 L	4	1998-02	Chassis,Ducato w/3.0mm Keystone top grv. Turbo Diesel	94.40	3.00 2.00 2.50	225 FKST CR DI 210 SCRPP TF PC DI 204 CF CR DI 881 2PCO	2C7449	1	STD
8140.43N, 8140.43S	2800		2.8 L	4	1997-02	Ducato w/2.5mm Keystone top grv. Turbo Diesel	94.40	2.50 2.00 2.50	233 FKST PM DI 210 SCRPP TF PC DI 204 CF CR DI 881 2PCO	2M7450	1	STD
F1CE DOHC	2998		3.0 L	4	2006-11	Ceramic Chrome Keystone top ring 2 pc oil ring 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
				6		308, 308L, 343, 418AC, 418L, Auto Bus & 684-NA, NB, NC, T Auto Capri	122.00	3.50 3.00 3.00 5.50	372 FKST CR DI 102 T PC GI 102 T PC GI 565 CF CR GI 881 2PCO	2C5557	6	STD
FORD MOTORS												
KA Zetec RoCam			1.0 L	4		Escort, Fiesta Brazilian Mahle Piston W/ 2.0mm Oil Grv.	68.68	1.20 1.50 2.00	398 BF CR S 401 SCRPP PC GI 989 FV CR 732 FV CR	2C5205 2C5205020	4	STD 0.50
Vin: H	1300	79	1.3 L	4	1988-97	Ford, Mercury	71.00	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 054 FV CR 732 FV CR	2C4451 2C4451010 2C4451020 2C4451030 2C4451040 2C4451060	4	STD 0.25 0.50 0.75 1.00 1.50
	1400		1.4 L	4		Belina, Corcel GT, II, Gas/Alch Brazilian Mahle Piston	75.30	1.75 2.00 4.00	363 BF CR GI 401 SCRPP PC GI 058 FV CR 732 FV CR	2C4844	4	STD
DOHC	1597	98	1.6 L	4	1995-On	Escort, Granada, Fiesta, Orion	76.00	1.50 1.60 2.50	032 BF PC GI 102 T PC GI 995 FV CR 732 FV CR 362 BF 3CR GI 102 T PC GI 995 FV CR 732 FV CR	5248 5248020 5248040 2C5248 2C5248010 2C5248020 2C5248030	4	STD 0.50 1.00 STD 0.25 0.50 0.75

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
FORD MOTORS												
	1600		1.6 L	4		Escort, Pampa, AE1600 Brazilian Mahle Piston	77.00	1.50 1.50 2.00	032 BF PC GI 401 SCRPP PC GI 993 FV CR 005 FV CR 363 BF CR GI 401 SCRPP PC GI 993 FV CR 005 FV CR	4977 2C4977 2C4977020 2C4977040	4	STD 4 0.50 1.00
	1600		1.6 L	4		Belina II, Corcel, Escort, Pampa Gas/Alch Fit Brazilian Mahle Piston	77.00	1.75 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 058 FV CR 732 FV CR 363 BF CR GI 401 SCRPP PC GI 058 FV CR 732 FV CR	4843 4843020 2C4843	4	STD 0.50 4 STD
B6 Mazda Eng.	1597	98	1.6 L	4	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 362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 058 FV CR 732 FV CR	4265 4265010 4265020 4265030 4265040 4265060 2C4265 2C4265010 2C4265020 2C4265030 2C4265040 2C4265060 2M4265 2M4265010 2M4265020 2M4265030 2M4265040 2M4265060	4	STD 0.25 0.50 0.75 1.00 1.50 4 STD 0.25 0.50 0.75 1.00 1.50
LXV, LXT Vin. E,J,R,X Ti-VCT SOHC/DOHC EcoBoost.	1596		1.6 L	4	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	1596	97	1.6 L	4	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	1597	98	1.6 L	4	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 363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	5653 5653010 5653020 5653030 5653040 5653060 2C5653 2C5653010 2C5653020 2C5653030 2C5653040 2C5653060 2M5653 2M5653010 2M5653020 2M5653030 2M5653040 2M5653060	4	STD 0.25 0.50 0.75 1.00 1.50 4 STD 0.25 0.50 0.75 1.00 1.50














ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
FORD MOTORS												
MA Mazda Eng.	1970	121	2.0 L	4	1982-84		80.00	1.50 2.00 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	6155 6155010 6155020 6155030 6155040 2C6155 2C6155010 2C6155020 2C6155030 2C6155040 2C6155060	4 4	STD 0.25 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00 1.50
DOHC	1796	110	1.8 L	4	1995-On	Escort EFI	80.60	1.50 1.60 2.50	032 BF PC GI 126 RVT PC GI 995 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 995 FV CR 732 FV CR	5194 5194020 2C5194 2C5194020	4 4	STD 0.50 STD 0.50
75 H.P.	1600	98	1.6 L	4	1973-81	Ford Fiesta, Ford Pinto	80.96	1.60 2.00 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 056 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 056 FV CR 732 FV CR	677 677010 677020 677030 677040 677060 2C677 2C677020 2C677030 2C677040 2C677060 2M677 2M677010 2M677020 2M677030 2M677040	4 4 4	STD 0.25 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00
75 H.P.	1600	98	1.6 L	4	1971-72	Ford Fiesta, Ford Pinto	80.96	2.00 2.00 4.00	032 BF PC GI 401 SCRIP PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 401 SCRIP PC GI 860 FV CR 732 FV CR	5981 5981040 5981060 2C5981 2C5981010 2C5981020 2C5981030 2C5981040 2C5981060	4 4 4	STD 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
100 H.P. 95, 100 H.P.	3917 4179	239 255	3.9 L 4.2 L	8 8	1949-53 1949-53	All Models Mercury 4 Ring Piston	80.96	2.38 2.38 4.75 732 FV CR 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	533 533030 533040 533060 533080 533125 533188 2C533 2C533060 2C533100	8 8	STD 0.75 1.00 1.50 2.00 3.13 4.78 STD 1.50 2.50
100 H.P.	3917	239	3.9 L	8	1939-53	"Flat Head" 3 ring piston	80.96	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5075 5075040 5075060 5075100 5075125 5075188	8	STD 1.00 1.50 2.50 3.13 4.78

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
FORD MOTORS												
AJ25 Mazda eng	2495	153	2.5 L	6	2000-01		81.60	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 054 FV CR 732 FV CR	2C5160 2C5160020 2C5160030 2C5160040	6	STD 0.50 0.75 1.00
	1901	116	1.9 L	4	1987-96	Ford, Mercury	81.94	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	4261 4261020 4261030 4261040	4	STD 0.50 0.75 1.00
									327 BF PM GI 126 RVT PC GI 054 FV CR 732 FV CR	2M4261 2M4261010 2M4261020 2M4261030 2M4261040 2M4261060	4	STD 0.25 0.50 0.75 1.00 1.50
DOHC	1596		1.6 L	4		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
	1901	116	1.9 L	4	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	1600	98	1.6 L	4	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	2508	153	2.5 L	6	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	3393	207	3.4 L	8	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	1753		1.8 L	4	1998-07	Focus TDCi Turbo Diesel	82.50	2.50 2.00 3.00	211 HKST CC DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2D7104 2D710450	1	STD 0.50
Duratec DOHC Made in China	1798		1.8 L	4		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.	1839	112	1.8 L	4	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 SCRPF PC GI 987 FV GN SS 714 GN SS	2N4651	4	STD

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
FORD MOTORS												
Vin: A DOHC	1991	121	2.0 L	4	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	2497	152	2.5 L	6	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
Vin: B,3	1991	121	2.0 L	4	1998-04	Spec 2nd ring end gap .026 to .036	84.86	1.50 1.75 3.00	335 T PM DI 130 RVL PC GI 054 FV CR 732 FV CR	2M4987 2M4987020 2M4987030 2M4987040	4	STD 0.50 0.75 1.00
EDBA, EDBB, EDBC, EDDC, NGA ZH20 Zetec E	1988	121	2.0 L	4	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
Vin: P,5 SOHC/ DOHC	1991	121	2.0 L	4	1997-04	Escort, Focus	84.86	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 054 FV CR 732 FV CR	2C5150 2C5150020 2C5150030 2C5150040	4	STD 0.50 0.75 1.00
Vin: P	1991	121	2.0 L	4	1995-05	Escort	84.86	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	4889 4889020 4889030 4889040	4	STD 0.50 0.75 1.00
EDBA, EDBB, EDBC, EDDC, NGA	1998	121	2.0 L	4	1995-On	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
EDBA, EDBB, EDBC, EDDC, NGA	1998	121	2.0 L	4	1996-04	Cougar, Focus, 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

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD MOTORS												
Mazda 626 Eng.	2184	134	2.2 L	4	1989-94	Ford Probe Incl. Turbo	86.00	1.50 1.50 4.00	032 BF PC GI 435 SCRCP PC GI 058 FV CR 732 FV CR	5664 5664020 5664030 5664040 5664060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 435 SCRCP PC GI 058 FV CR 732 FV CR	2C5664 2C5664010 2C5664020 2C5664030 2C5664040 2C5664060	4	STD 0.25 0.50 0.75 1.00 1.50
									335 T PM DI 435 SCRCP PC GI 058 FV CR 732 FV CR	2M5664 2M5664010 2M5664020 2M5664030 2M5664040 2M5664060	4	STD 0.25 0.50 0.75 1.00 1.50
									322 BF GN SS 126 RVT PC GI 987 FV GN SS 714 GN SS	2N5664	4	STD
Vin: A DOHC	3934	240	3.9 L	8	2000-06		86.00	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5142 2C5142020 2C5142030 2C5142040	8	STD 0.50 0.75 1.00
	2000	122	2.0 L	4	1984-88	Diesel Eng	86.00	2.00 2.00 4.00	336 T PM DI 435 SCRCP PC GI 553 CF CR GI 881 2PCO	2D4210 2D421025 2D421050 2D421075 2D4210100	4	STD 0.25 0.50 0.75 1.00
Vin: W,1	2999	183	3.0 L	6	1993-98	Villager	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
DOHC DURATEC Mazda Eng.	1999 2261	122 138	2.0 L 2.3 L	4 4	2001-13 2004-13	Escape, Focus Escape, Focus, Fusion	87.50	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5158 2C5158010 2C5158020 2C5158030 2C5158040	4	STD 0.25 0.50 0.75 1.00
									326 TBF GN SS 126 RVT PC GI 987 FV GN SS 714 GN SS	2N5158 2N515850	4	STD 0.50
L6	2360 2786	144 170	2.4 L 2.8 L	6 6	1960-67 1961-72	Mercury Mercury	88.90	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	582 582005 582030 582040 582060	6	STD 0.13 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C582 2C582005	6	STD 0.13
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M582 2M582005 2M582030 2M582040	6	STD 0.13 0.75 1.00

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
FORD MOTORS												
	3622	221	3.6 L	8	1962-63	Ford, Mercury	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
130 H.P.	3917	239	3.9 L	8	1954		88.90	2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	562 562020 562040	8	STD 0.50 1.00
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C562	8	STD
16V Duratec 25 DOHC	2491	152	2.5 L	4	2009-17	Escape, Fusion, Milan	89.00	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5162 2C5162010 2C5162020 2C5162030 2C5162040	4	STD 0.25 0.50 0.75 1.00
Vin: S,U,V,1,2 DOHC	2999	183	3.0 L	6	2000-12	w/2.5mm oil ring	89.00	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 872 FV CR 005 FV CR	2C5077 2C5077010 2C5077020 2C5077030 2C5077040	6	STD 0.25 0.50 0.75 1.00
Duratec/24V Vin: S DOHC	2999	183	3.0 L	6	1996-00		89.00	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 872 FV CR 005 FV CR	2C4888 2C4888010 2C4888020 2C4888030 2C4888040 2C4888060	6	STD 0.25 0.50 0.75 1.00 1.50
Vin: U OHV	2999	183	3.0 L	6	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
									327 BF PM GI 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
SHO	2999	183	3.0 L	6	1989-95	Ford Taurus, Mercury	89.00	1.20 1.50 2.80	398 BF CR S 126 RVT PC GI 861 FV CR 732 FV CR	2C4650 2C4650020 2C4650030 2C4650040	6	STD 0.50 0.75 1.00

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
												
FORD MOTORS												
Vin: U Excl: SHO	2999	183	3.0 L	6	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 363 BF CR GI 126 RVT PC GI 052 FV CR 005 FV CR 327 BF PM GI 126 RVT PC GI 052 FV CR 005 FV CR	5762 5762010 5762020 5762030 5762040 5762060 2C5762 2C5762010 2C5762020 2C5762030 2C5762040 2M5762 2M5762010 2M5762020 2M5762030 2M5762040	6 6 6	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00
	2600	159	2.6 L	6	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: V,X,9	4606	281	4.6 L	8	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: L,H,V,W,X,6	4606	281	4.6 L	8	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 397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	4628 4628010 4628020 4628030 4628040 4628060 2M4628 2M4628005 2M4628010 2M4628020 2M4628030 2M4628040 2M4628060	8 8	STD 0.25 0.50 0.75 1.00 1.50 STD 0.13 0.25 0.50 0.75 1.00 1.50
Vin: S DOHC	5409	330	5.4 L	8	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
	3524	215	3.5 L	6	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 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	136 136020 136030 136040 136080 2C136 2C136030 2C136040	6 6	STD 0.50 0.75 1.00 2.00 STD 0.75 1.00
100 H.P.	2000	122	2.0 L	4	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 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	599 599020 599030 599060 2C599 2C599010 2C599020 2C599030 2C599040 2C599060	4 4	STD 0.50 0.75 1.50 STD 0.25 0.50 0.75 1.00 1.50

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

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
FORD MOTORS												
	3278 4098	200 250	3.3 L 4.1 L	6 6		For ACL Duralite Pistons Shallow Oil Ring Grv.	93.47	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	4711 4711010 4711020 4711030 4711040 4711060	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	2C4711 2C4711020 2C4711030 2C4711040 2C4711060	6	STD 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M4711 2M4711020 2M4711030 2M4711040 2M4711060	6	STD 0.50 0.75 1.00 1.50
	3278 4098	200 250	3.3 L 4.1 L	6 6	1963-84 1969-80	Mercury Mercury	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
Hi-Swirl Combustion Hi-Swirl Combustion OHV	2295 2508	140 153	2.3 L 2.5 L	4 4	1984-94 1986-91	Mercury Mercury	93.47	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5688 5688020 5688030 5688040 5688060	4	STD 0.50 0.75 1.00 1.50
									363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5688 2C5688020 2C5688030 2C5688040 2C5688060	4	STD 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M5688 2M5688020 2M5688030 2M5688040	4	STD 0.50 0.75 1.00
X-EFI OHC	4098	250	4.1 L	6		Ford Falcon Australia	93.47	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	4409 4409030 4409040 4409060	6	STD 0.75 1.00 1.50
									363 BF CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C4409 2C4409030 2C4409040 2C4409060	6	STD 0.75 1.00 1.50














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
FORD MOTORS												
	4179	255	4.2 L	8	1980-82	Ford, Mercury	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
	4786	292	4.8 L	8	1955-62	Ford, Edsel, Mercury	95.25	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	568 568010 568020 568030 568040 568060 568080 568100	8	STD 0.25 0.50 0.75 1.00 1.50 2.00 2.50
									363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C568 2C568010 2C568020 2C568030 2C568040 2C568060	8	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	2M568 2M568010 2M568020 2M568030 2M568040 2M568060 2M568080 2M568100	8	STD 0.25 0.50 0.75 1.00 1.50 2.00 2.50
				4	1916-27	T Ford AI Piston	95.25	3.18 3.18 4.75	032 BF PC GI 126 RVT PC GI 501 1PCO PC GI	776 776040	4	STD 1.00
Vin:K,M,N,R Duratec 37	3721	227	3.7 L	6	2009-15	Lincoln, Mustang	95.50	1.20 1.50 2.50	397 BF PM S 406 N PC DI 934 FV CR 005 FV CR	2M4183 2M4183020 2M4183030 2M4183040	6	STD 0.50 0.75 1.00
Vin: A OHC	2300	140	2.3 L	4	1985-97	Mercury	96.00	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 870 FV CR 732 FV CR	5761 5761020 5761030 5761040 5761060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 870 FV CR 732 FV CR	2C5761 2C5761020 2C5761030 2C5761040 2C5761060	4	STD 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 870 FV CR 732 FV CR	2M5761 2M5761020 2M5761030 2M5761040 2M5761060	4	STD 0.50 0.75 1.00 1.50
VIN T, W SOHC	2300	140	2.3 L	4	1979-89	8V Turbo	96.00	2.00 2.00 4.75	336 T PM DI 126 RVT PC GI 860 FV CR 732 FV CR	2M5613 2M5613020 2M5613030 2M5613040	4	STD 0.50 0.75 1.00

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
FORD MOTORS												
Vin 6 SOHC	2300	140	2.3 L	4	1974-84		96.00	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	4203 4203020 4203030 4203040 4203060 2C4203 2C4203010 2C4203020 2C4203030 2C4203040 2C4203060 2M4203 2M4203010 2M4203020 2M4203030 2M4203040 2M4203060	4 4 4	STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
	4261 5114	260 312	4.3 L 5.1 L	8 8	1962-65 1956-57	Ford Ford	96.52	2.00 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	571 571030 571040 571060 2C571 2C571030 2C571040 2C571060 2M571 2M571030 2M571040 2M571060	8 8 8	STD 0.75 1.00 1.50 STD 0.75 1.00 1.50 STD 0.75 1.00 1.50
	5196	317	5.2 L	8	1952-54	All Models Lincoln	96.52	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	696 696010 696020 696030 696040 696060 2C696 2C696010 2C696020 2C696030 2C696040 2C696060 2M696 2M696020 2M696030 2M696040 2M696060	8 8 8	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
Vin: 4	3802	232	3.8 L	6	1996-04	Ford, Mercury	96.80	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR 335 T PM DI 126 RVT PC GI 872 FV CR 732 FV CR 322 BF GN SS 126 RVT PC GI 987 FV GN SS 714 GN SS	4885 4885010 4885020 4885030 4885040 4885060 2M4885 2M4885010 2M4885020 2M4885030 2M4885040 2M4885060 2N4885 2N488575 2N4885100	6 6 6	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50 STD 0.75 1.00

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE
FORD MOTORS												
	3802	232	3.8 L	6	1988-95	Ford, Lincoln, Mercury	96.80	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 052 FV CR 005 FV CR	4262 4262020 4262030 4262040 4262060	6	STD 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 052 FV CR 005 FV CR	2M4262 2M4262020 2M4262030 2M4262040 2M4262060	6	STD 0.50 0.75 1.00 1.50
	3802	232	3.8 L	6	1988-95	Ford Supercharged	96.80	1.50 1.50 4.00	335 T PM DI 126 RVT PC GI 052 FV CR 005 FV CR	2M4717 2M4717020 2M4717030 2M4717040	6	STD 0.50 0.75 1.00
	3802	232	3.8 L	6	1982-87	Ford, Lincoln, Mercury	96.80	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5649 5649020 5649030 5649040 5649060	6	STD 0.50 0.75 1.00 1.50
									363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5649 2C5649020 2C5649030 2C5649040 2C5649060	6	STD 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M5649 2M5649020 2M5649030 2M5649040 2M5649060	6	STD 0.50 0.75 1.00 1.50
A, B, A, AA, BB	3278	200	3.3 L	4	1928-33	Late 1928 Ford	98.43	3.18 3.18 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	120 120030 120040 120060 120080 120100 120125	4	STD 0.75 1.00 1.50 2.00 2.50 3.13
	5589	341	5.6 L	8	1955	All Models Linclon	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	3999	244	4.0 L	6	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	4016	245	4.0 L	6	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	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD MOTORS												
	3934	240	3.9 L	6	1965-77	Ford, Mercury	101.60	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	592 592010 592020 592030 592040 592060 592080	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	2C592 2C592010 2C592020 2C592030 2C592040 2C592060 2C592080	6	STD 0.25 0.50 0.75 1.00 1.50 2.00
									397 BF PM S 126 RVT PC GI 860 FV CR 732 FV CR	2M592 2M592020 2M592030 2M592040 2M592060 2M592065 2M592080	6	STD 0.50 0.75 1.00 1.50 1.63 2.00
VIN.# C, M, W	4737 4950 5753 5769 6556	289 302 351 352 400	4.7 L 5.0 L 5.8 L 5.8 L 6.6 L	8 8 8 8 8	1963-68 1968-86 1968-95 1966 1971-78	Ford, Mercury Ford, Lincoln, Mercury Ford, Lincoln, Mercury Ford, Lincoln, Mercury Ford, Lincoln, Mercury	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
	5441 5769 6032	332 352 368	5.4 L 5.8 L 6.0 L	8 8 8	1958-65 1958-65 1957	Ford, Edsel Corsair Ford, Edsel Corsair Mercury	101.60	2.00 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	577 577020 577030 577040 577060	8	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C577 2C577020 2C577030 2C577040 2C577060	8	STD 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 860 FV CR 732 FV CR	2M577 2M577020 2M577030 2M577040 2M577060	8	STD 0.50 0.75 1.00 1.50














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
FORD MOTORS												
Vin: N	4950	302	5.0 L	8	1996-01	Ford, Mercury, "Lightning" Shallow Top Grv.	101.60	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 635 FV CR 732 FV CR 397 BF PM S 126 RVT PC GI 635 FV CR 732 FV CR	4726 4726020 4726030 4726040 4726060 2M4726 2M4726005 2M4726010 2M4726020 2M4726030 2M4726040 2M4726060	8	STD 0.50 0.75 1.00 1.50 STD 0.13 0.25 0.50 0.75 1.00 1.50
Vin: N	4950	302	5.0 L	8	1986-95	Excl. "Lightning"	101.60	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 635 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 635 FV CR 732 FV CR	4346 4346020 4346030 4346040 4346060 2M4346 2M4346010 2M4346020 2M4346030 2M4346040 2M4346060	8	STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
	5917 6392	361 390	5.9 L 6.4 L	8 8	1958-59 1961-65	Edsel Corsair, Pacer, E400 Ford Thunderbird	102.87	2.00 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 345 T PM GI 126 RVT PC GI 860 FV CR 732 FV CR	574 574020 574030 574040 574060 2C574 2C574010 2C574020 2C574030 2M574 2M574020 2M574030 2M574040 2M574060	8	STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 STD 0.50 0.75 1.00 1.50
	6392 6720	390 410	6.4 L 6.7 L	8 8	1966-67 1966-67	Ford Ford, Mercury	102.87	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	594 594020 594030 594040 594060 2C594 2C594020 2C594030 2M594 2M594020 2M594030 2M594060	8	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 STD 0.50 0.75 1.50
	7015	428	7.0 L	8	1966-70	Ford	104.90	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	595 595020 595030 595040 595060 2M595 2M595030 2M595040 2M595060	8	STD 0.50 0.75 1.00 1.50 STD 0.75 1.00 1.50
	6277 7048	383 430	6.3 L 7.0 L	8 8	1959-60 1959-60	Ford Thunderbird 76A Ford Thunderbird 76A	109.22	2.00 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	576 576030	8	STD 0.75

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
FORD MOTORS												
	7031 7539	429 460	7.0 L 7.5 L	8 8	1968-73 1968-78	Ford Ford	110.74	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	598 598020 598030 598040 598060	8	STD 0.50 0.75 1.00 1.50
									363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C598 2C598020 2C598030 2C598040 2C598060	8	STD 0.50 0.75 1.00 1.50
									345 T PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M598 2M598020 2M598030 2M598040 2M598060	8	STD 0.50 0.75 1.00 1.50
	6982	426	7.0 L	8	1966-68	Lincoln	111.25	2.00 2.38 4.75	345 T PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M596 2M596020 2M596040	8	STD 0.50 1.00
	1586	97	1.6 L	4		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
	1600 1800	97 110	1.6 L 1.8 L	4 4	1972-78 1972-78	Courier 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
	1970	121	2.0 L	4	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
	1970	121	2.0 L	4	1979-82	Courier	80.00	1.20 1.50 4.00	398 BF CR S 126 RVT PC GI 056 FV CR 732 FV CR	2C6141 2C6141010 2C6141020 2C6141030 2C6141040 2C6141060	4	STD 0.25 0.50 0.75 1.00 1.50
30 H.P.	1950	119	2.0 L	4	1941-45	3 Ring Piston	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

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD TRUCKS												
30 H.P.	1950	119	2.0 L	4	1941-45	4 Ring Piston	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
95, 100 H.P.	3917	239	3.9 L	8	1949-53	Flat Head 4 Ring Piston	80.96	2.38 2.38 4.75 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	533 533030 533040 533060 533080 533125 533188	8	STD 0.75 1.00 1.50 2.00 3.13 4.78
95, 100 H.P.	3917	239	3.9 L	8	1939-49	Flat Head 4 Ring Piston	80.96	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	529 529125	8	STD 3.13
	1600	98	1.6 L	4	2000-On	Courier 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
Mazda Eng.	2261	138	2.3 L	4	2004-12	Ranger	87.50	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5158 2C5158010 2C5158020 2C5158030 2C5158040	4	STD 0.25 0.50 0.75 1.00
									326 TBF GN SS 126 RVT PC GI 987 FV GN SS 714 GN SS	2N5158 2N515850	4	STD 0.50
L6	2360 2786	144 170	2.4 L 2.8 L	6 6	1961-69 1970-71	Ford Trucks	88.90	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	582 582005 582030 582040 582060	6	STD 0.13 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C582 2C582005	6	STD 0.13
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M582 2M582005 2M582030 2M582040	6	STD 0.13 0.75 1.00
	3622	221	3.6 L	8	1962-63	F-Series	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	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD TRUCKS												
	3917 5523	239 337	3.9 L 5.5 L	8 8	1954-55 1948-52	Flat Head 3 Ring Piston	88.90	2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	562 562020 562040 2C562	8 8	STD 0.50 1.00 STD
112 H.P.	4163	254	4.2 L	6	1949-52	8MB 3 Ring Piston	88.90	2.38 2.38 4.75	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C534	6	STD
Vin: S,U,V,1,2 DOHC	2999	183	3.0 L	6	2001-08	Duratec 24V w/2.5mm oil ring	89.00	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 872 FV CR 005 FV CR	2C5077 2C5077010 2C5077020 2C5077030 2C5077040	6	STD 0.25 0.50 0.75 1.00
	2999	183	3.0 L	6	1998-01	Ranger 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 327 BF PM GI 126 RVT PC GI 872 FV CR 005 FV CR	5107 5107010 5107020 5107030 5107040 5107060 2M5107 2M5107010 2M5107020 2M5107030 2M5107040 2M5107060	6 6	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
Vin:U	2999	183	3.0 L	6	1986-00		89.00	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 052 FV CR 005 FV CR 363 BF CR GI 126 RVT PC GI 052 FV CR 005 FV CR 327 BF PM GI 126 RVT PC GI 052 FV CR 005 FV CR	5762 5762010 5762020 5762030 5762040 5762060 2C5762 2C5762010 2C5762020 2C5762030 2C5762040 2M5762 2M5762010 2M5762020 2M5762030 2M5762040	6 6 6	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00
	2000	122	2.0 L	4	1983-89	Ranger	89.32	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	5690 5690020 5690030 5690040 5690060 2C5690 2C5690020 2C5690030 2C5690040 2C5690060 2M5690 2M5690020 2M5690030 2M5690040 2M5690060	4 4 4	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD TRUCKS												
Vin: V,W,X,6 Vin: A,L,R,3,5	4606 5409	281 330	4.6 L 5.4 L	8 8	1996-15 1996-15	Ford Ford	90.20	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR 397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	4628 4628010 4628020 4628030 4628040 4628060 2M4628 2M4628005 2M4628010 2M4628020 2M4628030 2M4628040 2M4628060	8 8	STD 0.25 0.50 0.75 1.00 1.50 STD 0.13 0.25 0.50 0.75 1.00 1.50
Vin. D, S, Y	6802	415	6.8 L	10	1996-16		90.20	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR 397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	4814 4814010 4814020 4814030 4814040 2M4814 2M4814010 2M4814020 2M4814030 2M4814040 2M4814060	10 10	STD 0.25 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00 1.50
OHV	3524	215	3.5 L	6	1952-53	F 100 Flat Head	90.49	2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	136 136020 136030 136040 136080 2C136 2C136030 2C136040	6 6	STD 0.50 0.75 1.00 2.00 STD 0.75 1.00
	3655	223	3.7 L	6	1954-64	F-Series 3 Ring Piston	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
	4196 4458	256 272	4.2 L 4.5 L	8 8	1954-59 1954-59		92.08	2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	564 564020 564030 2C564	8 8	STD 0.50 0.75 STD

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
FORD TRUCKS												
Vin: F,U	4951	302	5.0 L	8	2011-17	F150	92.20	1.20 1.20 2.50	397 BF PM S 126 RVT PC GI 995 FV CR 732 FV CR	2M4599 2M4599020 2M4599030	8	STD 0.50 0.75
BT-50 WL-C Mazda Eng.	2499		2.5 L	4	2006-11	TDI Diesel (Check Ring Widths)	93.00	2.00 1.50 2.00	326 TBF GN SS 236 TF CR DI 203 CF GN SS 881 2PCO	2D7277	4	STD
Vin: S	2803	171	2.8 L	6	1983-86	Aerostar, Ranger	93.00	2.00 2.50 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	4205 4205020 4205030 4205040 4205060 2C4205 2C4205020 2C4205030 2C4205040 2C4205060	6	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
	2901	177	2.9 L	6	1986-95		93.00	1.60 1.75 3.50	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 058 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 058 FV CR 732 FV CR	4450 4450020 4450030 4450040 4450060 2C4450 2C4450020 2C4450030 2C4450040 2C4450060 2M4450 2M4450020 2M4450030 2M4450040 2M4450060	6	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
	3278 4098	200 250	3.3 L 4.1 L	6 6	1963-84 1969-77	F 200 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 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	586 586010 586020 586030 586040 586060 586080 2C586 2C586010 2C586020 2C586030 2C586040 2C586060 2C586080 2M586 2M586020 2M586030 2M586040 2M586060 2M586080	6	STD 0.25 0.50 0.75 1.00 1.50 2.00 STD 0.25 0.50 0.75 1.00 1.50 2.00 STD 0.50 0.75 1.00 1.50 2.00

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
FORD TRUCKS												
	4098	250	4.1 L	6	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
V8	4179	255	4.2 L	8	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
	4294	262	4.3 L	6	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.	5950	363	6.0 L	8	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
	4786	292	4.8 L	8	1958-64	Medium & Heavy Duty	95.25	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	568 568010 568020 568030 568040 568060 568080 568100	8	STD 0.25 0.50 0.75 1.00 1.50 2.00 2.50
									363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C568 2C568010 2C568020 2C568030 2C568040 2C568060	8	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	2M568 2M568010 2M568020 2M568030 2M568040 2M568060 2M568080 2M568100	8	STD 0.25 0.50 0.75 1.00 1.50 2.00 2.50

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
FORD TRUCKS												
Duratec 37 DOHC	3721	227	3.7 L	6	2009-15	Edge, F150	95.50	1.20 1.50 2.50	397 BF PM S 406 N PC DI 934 FV CR 005 FV CR	2M4183 2M4183020 2M4183030 2M4183040	6	STD 0.50 0.75 1.00
Vin: A	2300	140	2.3 L	4	1995-97	Ranger	96.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	4912 4912020 4912030 4912040 4912060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 054 FV CR 732 FV CR	2C4912 2C4912020 2C4912030 2C4912040 2C4912060	4	STD 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 054 FV CR 732 FV CR	2M4912 2M4912020 2M4912030 2M4912040 2M4912060	4	STD 0.50 0.75 1.00 1.50
Vin: A	2300	140	2.3 L	4	1985-94	Ranger	96.00	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 870 FV CR 732 FV CR	5761 5761020 5761030 5761040 5761060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 870 FV CR 732 FV CR	2C5761 2C5761020 2C5761030 2C5761040 2C5761060	4	STD 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 870 FV CR 732 FV CR	2M5761 2M5761020 2M5761030 2M5761040 2M5761060	4	STD 0.50 0.75 1.00 1.50
	2300	140	2.3 L	4	1977-84		96.00	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	4203 4203020 4203030 4203040 4203060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4203 2C4203010 2C4203020 2C4203030 2C4203040 2C4203060	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	2M4203 2M4203010 2M4203020 2M4203030 2M4203040 2M4203060	4	STD 0.25 0.50 0.75 1.00 1.50
L4 Vin: C	2475	151	2.5 L	4	1998-01	Ranger	96.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4515 4515020 4515030 4515040 4515060	4	STD 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 872 FV CR 732 FV CR	2M4515 2M4515020 2M4515030 2M4515040 2M4515060	4	STD 0.50 0.75 1.00 1.50

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
FORD TRUCKS												
	5196 5441	317 332	5.2 L 5.4 L	8 8	1952-57 1952-57	Sterling Piston H791P	96.52	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	696 696010 696020 696030 696040 696060	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	2C696 2C696010 2C696020 2C696030 2C696040 2C696060	8	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	2M696 2M696020 2M696030 2M696040 2M696060	8	STD 0.50 0.75 1.00 1.50
	4261	260	4.3 L	8	1962-65	Ranger	96.52	2.00 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	571 571030 571040 571060	8	STD 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C571 2C571030 2C571040 2C571060	8	STD 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M571 2M571030 2M571040 2M571060	8	STD 0.75 1.00 1.50
Vin: 4 Vin: 6 Vin: 2, 4 OHV	3802 3901 4196	232 238 256	3.8 L 3.9 L 4.2 L	6 6 6	1996-03 2005-07 1997-08	Windstar	96.80	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4885 4885010 4885020 4885030 4885040 4885060	6	STD 0.25 0.50 0.75 1.00 1.50
									335 T PM DI 126 RVT PC GI 872 FV CR 732 FV CR	2M4885 2M4885010 2M4885020 2M4885030 2M4885040 2M4885060	6	STD 0.25 0.50 0.75 1.00 1.50
									322 BF GN SS 126 RVT PC GI 987 FV GN SS 714 GN SS	2N4885 2N488575 2N4885100	6	STD 0.75 1.00
	3802	232	3.8 L	6	1988-95	F-Series	96.80	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 052 FV CR 005 FV CR	4262 4262020 4262030 4262040 4262060	6	STD 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 052 FV CR 005 FV CR	2M4262 2M4262020 2M4262030 2M4262040 2M4262060	6	STD 0.50 0.75 1.00 1.50














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
FORD TRUCKS												
	3802	232	3.8 L	6	1981-87	F-Seires	96.80	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5649 5649020 5649030 5649040 5649060	6	STD 0.50 0.75 1.00 1.50
									363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5649 2C5649020 2C5649030 2C5649040 2C5649060	6	STD 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M5649 2M5649020 2M5649030 2M5649040 2M5649060	6	STD 0.50 0.75 1.00 1.50
Vin: R	6408	391	6.4 L	8	2008-11	32V Turbo V8 Power Stroke Diesel Eng	98.20	2.50 2.00 3.00	208 FKST CC DI 129 T PC 553 CF CR GI 881 2PCO	2D5741 2D574125 2D574150 2D574175 2D5741100	8	STD 0.25 0.50 0.75 1.00
	5409	330	5.4 L	8	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
	5409	330	5.4 L	8	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
	5409	330	5.4 L	8	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
	5491	335	5.5 L	8	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














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
FORD TRUCKS												
Vin: T OHV	6654	406	6.7 L	8	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
EBJ	5589	341	5.6 L	8	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	3999	244	4.0 L	6	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
Vin: E,K SOHC	4016	245	4.0 L	6	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
OHV	3934 4917	240 300	3.9 L 4.9 L	6 6	1965-77 1965-94	Econoline E100, E200 F Series I6	101.60	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	592 592010 592020 592030 592040 592060 592080	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	2C592 2C592010 2C592020 2C592030 2C592040 2C592060 2C592080	6	STD 0.25 0.50 0.75 1.00 1.50 2.00
									397 BF PM S 126 RVT PC GI 860 FV CR 732 FV CR	2M592 2M592020 2M592030 2M592040 2M592060 2M592065 2M592080	6	STD 0.50 0.75 1.00 1.50 1.63 2.00





ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE		
FORD TRUCKS														
VIN.# C, M, W	4737	289	4.7 L	8	1963-68	Ford	101.60	2.00	032 BF PC GI	139	8	STD		
	4950	302	5.0 L	8	1969-86	Ford		2.00	126 RVT PC GI	139010		0.25		
	5753	351	5.8 L	8	1972-95	Ford		4.75	860 FV CR	139020		0.50		
	6556	400	6.6 L	8	1972-86	Ford			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			
									2C139100		2.50			
								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	5769	352	5.8 L	8	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			
	6884	420	6.9 L	8	1983-88	Diesel Eng	101.60	2.00	336 T PM DI	2D5693	8	STD		
							2.00	126 RVT PC GI	2D569325	0.25				
							2.80	553 CF CR GI	2D569350	0.50				
								881 2PCO	2D569375	0.75				
									2D5693100	1.00				
									2D5693150	1.50				
	6884	420	6.9 L	8	1983-88	Diesel Eng Special .060 to .070 gap 2nd ring	101.60	2.00	336 T PM DI	2D5697	8	STD		
							2.00	130 RVT PC GI	2D569725	0.25				
							2.80	553 CF CR GI	2D569750	0.50				
								881 2PCO	2D569775	0.75				
									2D5697100	1.00				
									2D5697150	1.50				
Vin. Y	4917	300	4.9 L	6	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		














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
FORD TRUCKS												
Vin: N Vin: H,N,R,	4950 5753	302 351	5.0 L 5.8 L	8 8	1996-01 1993-97	"Lightning" Shallow Top Grv.	101.60	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 635 FV CR 732 FV CR 397 BF PM S 126 RVT PC GI 635 FV CR 732 FV CR	4726 4726020 4726030 4726040 4726060 2M4726 2M4726005 2M4726010 2M4726020 2M4726030 2M4726040 2M4726060	8 8	STD 0.50 0.75 1.00 1.50 STD 0.13 0.25 0.50 0.75 1.00 1.50
Vin: W	4950 5753	302 351	5.0 L 5.8 L	8 8	1986-95 1995-98	Exc. "Lightning"	101.60	4.00	032 BF PC GI 126 RVT PC GI 635 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 635 FV CR 732 FV CR	4346 4346020 4346030 4346040 4346060 2M4346 2M4346010 2M4346020 2M4346030 2M4346040 2M4346060	8 8	STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
Vin: 6 SOHC	6507	397	6.2 L	8	2011-16	flex fuel	102.00	1.50 1.50 2.50	336 T PM DI 406 N PC DI 985 FV CR 732 FV CR	2M4520 2M4520020 2M4520030 2M4520040	8	STD 0.50 0.75 1.00
	5884 5917 6376 6408	359 361 389 391	5.9 L 5.9 L 6.4 L 6.4 L	8 8 8 8	1970-76 1967-69 1967-69 1967-69	F-Series 4 Ring Piston	102.87	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 345 T PM GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6601 6601020 6601030 6601040 6601060 2M6601 2M6601020 2M6601030 2M6601040 2M6601060	8 8	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
	5884 5917 6064 6376 6408	359 361 370 389 391	5.9 L 5.9 L 6.1 L 6.4 L 6.4 L	8 8 8 8 8	1968-86 1968-86 1979-95 1968-86 1968-86	Zollner Piston #3253 & 3292 3 Ring Piston	102.87	2.38 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	5485 5485010 5485020 5485030 5485040 5485060 5485080 2C5485 2C5485010 2C5485020 2C5485030 2C5485040 2C5485060 2C5485080 2M5485 2M5485010 2M5485020 2M5485030 2M5485040 2M5485060 2M5485080	8 8 8	STD 0.25 0.50 0.75 1.00 1.50 2.00 STD 0.25 0.50 0.75 1.00 1.50 2.00 STD 0.25 0.50 0.75 1.00 1.50 2.00














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
FORD TRUCKS												
	5884 5917 6408	359 361 391	5.9 L 5.9 L 6.4 L	8 8 8	1970-74 1970-74 1970-74	F-Series 4 Ring Piston	102.87	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	6686 6686010 6686020 6686030 6686040 6686060	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	2C6686 2C6686010 2C6686020 2C6686030 2C6686040 2C6686060	8	STD 0.25 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2M6686 2M6686010 2M6686020 2M6686030 2M6686040 2M6686060	8	STD 0.25 0.50 0.75 1.00 1.50
	5900 6392	360 390	5.9 L 6.4 L	8 8	1968-76 1968-76	Ranger	102.87	2.00 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	574 574020 574030 574040 574060	8	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C574 2C574010 2C574020 2C574030	8	STD 0.25 0.50 0.75
									345 T PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M574 2M574020 2M574030 2M574040 2M574060	8	STD 0.50 0.75 1.00 1.50
	5917 6408	361 391	5.9 L 6.4 L	8 8	1964-67 1964-67	F-Series	102.87	2.00 2.38 6.35	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C590 2C590020 2C590030	8	STD 0.50 0.75
									345 T PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M590 2M590020 2M590030	8	STD 0.50 0.75
	6392	390	6.4 L	8	1967	F 250	102.87	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	594 594020 594030 594040 594060	8	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C594 2C594020 2C594030	8	STD 0.50 0.75
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M594 2M594020 2M594030 2M594060	8	STD 0.50 0.75 1.50
	7294	445	7.3 L	8	1989-95	Diesel Navistar Non Turbo Spec .062 to .072 gap 2nd ring	104.40	3.00 2.00 3.50	336 T PM DI 130 RVT PC GI 553 CF CR GI	2M4741 2M4741020 2M4741030	8	STD 0.50 0.75
									881 2PCO	2M4741040		1.00
	7294	445	7.3 L	8	1994-04	Diesel Navistar Turbo Direct Injection Spec .062 to .072 gap 2nd ring	104.40	3.00 2.00 3.50	260 FKST BF CC DI 129 T PC 553 CF CR GI	2D4882 2D488225 2D488250	8	STD 0.25 0.50
									881 2PCO	2D488275 2D4882100		0.75 1.00
Vin: C,K	7294	445	7.3 L	8	1993-94	16V Diesel Navistar Indirect Injection Power Stroke Turbo Spec .045 to .065 gap 2nd ring	104.40	3.16 2.52 3.50	224 FKST PM DI 227 FKST CR DI 553 CF CR GI	2M4873 2M4873020 2M4873030	8	STD 0.50 0.75
									881 2PCO	2M4873040		1.00












ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET  Set #	CYL SET 	SIZE 
FORD TRUCKS												
	7031 7539	429 460	7.0 L 7.5 L	8 8	1992-98 1992-97	Shallow Oil Ring Grv.	110.70	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 871 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 871 FV CR 732 FV CR 345 T PM GI 126 RVT PC GI 871 FV CR 732 FV CR	4740 4740020 4740030 4740040 4740060 2C4740 2C4740020 2C4740030 2C4740040 2C4740060 2M4740 2M4740020 2M4740030 2M4740040 2M4740060	8 8 8	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
	7031	429	7.0 L	8	1979-94		110.74	2.38 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	5621 5621020 5621030 5621040 5621060 2C5621 2C5621020 2C5621030 2C5621040 2C5621060 2M5621 2M5621020 2M5621030 2M5621040 2M5621060	8 8 8	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
Vin: G	7031 7539	429 460	7.0 L 7.5 L	8 8	1970-73 1972-91	Ford Ford	110.74	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR 345 T PM GI 126 RVT PC GI 860 FV CR 732 FV CR	598 598020 598030 598040 598060 2C598 2C598020 2C598030 2C598040 2C598060 2M598 2M598020 2M598030 2M598040 2M598060	8 8 8	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
OHV	6572 7785	401 475	6.6 L 7.8 L	6 6	1969-On 1991-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
	7785 7818 8752	475 477 534	7.8 L 7.8 L 8.8 L	8 8 8	1958-81 1958-81 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 363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	578 2C578 2C578020 2C578030 2C578040 2C578060 2C578080	8 8	STD STD 0.50 0.75 1.00 1.50 2.00
		636	10.4 L	8	1975-92	2 Ring Piston	114.30	3.18 2.80	220 TBF PM DI 553 CF CR GI 881 2PCO	2D7473 2D7473020 2D7473030 2D7473040	1	STD 0.50 0.75 1.00

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
												
FORD BRITISH												
				6	1951-58	Zephyr, Zephyr Zodiac 3 Ring Piston	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
711M	940 1098 1298 1599		0.9 L 1.1 L 1.3 L 1.6 L	4 4 4 4	1973-74 1973-74 1973-74 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 363 BF CR GI 126 RVT PC GI 056 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 056 FV CR 732 FV CR	677 677010 677020 677030 677040 677060 2C677 2C677020 2C677030 2C677040 2C677060 2M677 2M677010 2M677020 2M677030 2M677040	4 4 4 4 4 4 4 4 4 4	STD 0.25 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00
	940 1098 1298 1599		0.9 L 1.1 L 1.3 L 1.6 L	4 4 4 4	1970-on 1970-on 1970-on 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 336 T PM DI 126 RVT PC GI 860 FV CR 732 FV CR	2C9502 2M9502	4 4 4 4 4	STD STD
105E 105E Super	977 1198 1500 1600		1.0 L 1.2 L 1.5 L 1.6 L	4 4 4 4	1959-77 1962-67 1967-71 1967-71	Anglia, Perfect Anglia, Consul, Cortina Capri, Cortina Cortina	80.98	2.00 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 860 FV CR 732 FV CR	5981 5981040 5981060 2C5981 2C5981010 2C5981020 2C5981030 2C5981040 2C5981060	4 4 4 4 4 4 4 4	STD 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
(Twin-Cam)	1558		1.6 L	4	1956-66	Consul, Elan Sprint, Lotus Elan, Mark II, Thames, Zephyr 4	82.55	2.00 2.00 4.75	032 BF PC GI 401 SCRPP PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 860 FV CR 732 FV CR	5909 5909010 5909060 2C5909	4 4 4 4	STD 0.25 1.50 STD
				6	1956-63	Mark II, Zephyr, Zodiac	82.55	2.00 2.00 4.75	032 BF PC GI 401 SCRPP PC GI 860 FV CR 732 FV CR	5914 5914010 5914060	6	STD 0.25 1.50
39PS, 8, 9:1; 48PS, 8, 7:1; 54PS, 8, 5, 5:1 57PS	992 1198 1340 1498		1.0 L 1.2 L 1.3 L 1.5 L	4 4 4 4	1959-67 1959-67 1959-67 1959-67	Anglia, Capri Classic, Cortina	85.00	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 056 FV CR 732 FV CR	6899 6899010 6899020 6899030 6899040 6899060 2C6899 2C6899010 2C6899020 2C6899030 2C6899040 2C6899060 2M6899 2M6899010 2M6899020 2M6899060	4 4 4 4 4 4 4 4 4 4	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 1.50

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
FORD BRITISH												
100 H.P.	2000		2.0 L	4	1971-74	Cortina L, G.T.	90.80	2.00 2.50 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	599 599020 599030 599060 2C599 2C599010 2C599020 2C599030 2C599040 2C599060	4	STD 0.50 0.75 1.50 STD 0.25 0.50 0.75 1.00 1.50
OHC	2000		2.0 L	4	1983-On	Sierra KOLN	90.80	1.60 2.00 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	4286 4286020 4286030 4286040 4286060 2C4286 2C4286010 2C4286020 2C4286030 2C4286040 2C4286060	4	STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
	1700 2000		1.7 L 2.0 L	4	1966-67	Corsair, Zephyr, Zodiac	93.66	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	6791 6791030 2C6791 2C6791020 2C6791030 2C6791040	2	STD 0.75 STD 0.50 0.75 1.00
FORD EUROPEAN												
TBL G6A/GUE, GUD, BL11CFI, GUF HCS	999 1118		1.0 L 1.1 L	4 4	1989-95 1989-95	Escort, Fiesta, Orion	68.68	1.50 1.75 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 054 FV CR 732 FV CR	4856 4856020 4856040 2C4856 2C4856020 2C4856040	4	STD 0.50 1.00 STD 0.50 1.00
DHA, DHA, DHC, DHD DHE, DHF, DHG (Zetec SE)	1242		1.2 L	4	1995-02	Fiesta IV	71.90	1.20 1.50 2.50	398 BF CR S 435 SCRPP PC GI 989 FV CR 732 FV CR	2C5637	4	STD
F6JA, F6JB	1399		1.4 L	4	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
GSF, TKA/B/W, TLA	1297		1.3 L	4	1976-89	Escort, Fiesta, Orion	73.94	1.50 1.75 3.00	032 BF PC GI 401 SCRPP PC GI 054 FV CR 732 FV CR 363 BF CR GI 401 SCRPP PC GI 054 FV CR 732 FV CR	4858 4858020 4858030 4858040 2C4858 2C4858010 2C4858020 2C4858030 2C4858040	4	STD 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00
I4 SOHC	1297		1.3 L	4			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

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FORD EUROPEAN												
	1100		1.1 L	4	1976	Fiesta, Ghia, Lussco	74.00	1.60 2.00 4.00	362 BF 3CR GI 401 SCRPP PC GI 058 FV CR 732 FV CR	2C4471 2C4471020 2C4471030 2C4471040	4	STD 0.50 0.75 1.00
G8DA, G8DB, HHDA, HHDB, HHJA, HHJB	1560		1.6 L	4	2003-On	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
T1BA, T1BB, T1BC T1DA, T1DB, T3DA T3JA, T3JB, TZJA, TZJB (Duratorq TDCI)	1560		1.6 L	4	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
FXJB, FXJA, FXDD, ZH14 FXDC, FXDB, FXDA, FHF, FHE, FHD, FHA, Zetec S	1388		1.4 L	4	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
	1392		1.4 L	4	1986-On	CVH Ford	77.24	1.60 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR 327 BF PM GI 401 SCRPP PC GI 056 FV CR 732 FV CR	5019 5019020 5019030 5019040 2M5019 2M5019010 2M5019020 2M5019040	4	STD 0.50 0.75 1.00 4 STD 0.25 0.50 1.00
HWDA, HWDB, HXDA HXDB, (Duratec Ti-VCT) HXJA, RHBA, SIDA	1596		1.6 L	4	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, L1T, ZH 16 Ztec DOHC Vin: J	1596		1.6 L	4	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
	1293		1.3 L	4	1973	Capri Taurus 1300, 1300SW	79.00	2.00 2.50 4.00	032 BF PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	4482 4482020 4482040 2C4482 2C4482040	4	STD 0.50 1.00 4 STD 1.00
CVH	1789		1.8 L	4	1988-93	Sierra L, LX, GL, GLX Ford #E7EE6159DA	80.00	1.50 1.50 3.00	032 BF PC GI 401 SCRPP PC GI 054 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 054 FV CR 732 FV CR 327 BF PM GI 401 SCRPP PC GI 054 FV CR 732 FV CR	4691 4691020 4691030 4691040 2C4691 2C4691010 2C4691020 2C4691030 2C4691040 2M4691 2M4691020 2M4691040	4	STD 0.50 0.75 1.00 4 STD 0.25 0.50 0.75 1.00 4 STD 0.50 1.00
LSD, LSE	1593		1.6 L	4	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	1753		1.8 L	4	1998-07	Focus TDCi Turbo Diesel	82.50	2.50 2.00 3.00	211 HKST CC DI 210 SCRPP TF PC DI 204 CF CR DI 881 2PCO	2D7104 2D710450	1	STD 0.50














ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
FORD EUROPEAN												
RFA, RFB, RFL, RFD, RFK, RFM, RFN, RFS, RFU, RVA SOHC	1753		1.8 L	4	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	1753		1.8 L	4	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
	1700		1.7 L	4	1957-64	Combi Station Wagon Taurus 17M	84.00	2.00 3.00 5.00	032 BF PC GI 401 SCRPP 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 SCRPP 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
	1998		2.0 L	6	1964-72	Taurus	84.00	2.00 3.00 5.00	032 BF PC GI 401 SCRPP 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 SCRPP 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	1988	121	2.0 L	4	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
	1998		2.0 L	4	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
	1998		2.0 L	4		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 KNBA, KNBB, KNWA KNWB (Duratorq TDCI)	1997		2.0 L	4	2006-15	C MAX, Cuga, Escape, S-Max	85.00	2.50 2.00	273 FKST BF CC DI 126 RVT PC GI	2D7549 2D754925	4	STD 0.25
G6DA, G6DB, G6DD	2179		2.2 L	4	2007-On	Mondeo, Galaxy Diesel Eng		2.00	248 CF CR 881 2PCO	2D754950		0.50
	1997		2.0 L	4	2003-07	Turbo Diesel Duratorq	85.00	3.50 2.00 3.00	213 FKST CC DI 210 SCRPP TF PC DI 204 CF CR DI 881 2PCO	2D7176 2D717660	1	STD 0.60
70PS				4	1962-65	Taurus 17M TS, Corso	85.50	2.00 3.00 5.00	032 BF PC GI 401 SCRPP PC GI 860 FV CR 732 FV CR	6772	4	STD
DOHC	1998		2.0 L	4	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














ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET  Set #	CYL SET 	SIZE 
FORD EUROPEAN												
ABFA, D3FA, D5BA, D6BA, F3FA, F1FA, FMBA, HJBA, HJBB, HJBC,N7BA DOHC	1998		2.0 L	4	2000-07	Mondeo III Turbo Diesel	86.00	2.50 2.00 3.00	211 HKST CC DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2D7145	1	STD
ABFA, D3FA, D5BA, D6BA, F3FA, F1FA, FMBA, HJBA, HJBB, HJBC,N7BA DOHC	1998		2.0 L	4	2000-07	Mondeo III Turbo Diesel	86.00	2.00 2.00 3.00	212 TBF CC DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2D7365	1	STD
ABFA, D3FA, D5BA, D6BA, F3FA, F1FA, FMBA, HJBA, HJBB, HJBC,N7BA DOHC	1998		2.0 L	4	2000-07	Mondeo III Turbo Diesel	86.00	2.00 2.00 2.00	212 TBF CC DI 210 SCRPF TF PC DI 248 CF CR 881 2PCO	2D7451 2D745150	1	STD 0.50
	1796		1.8 L	4	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 SCRPF PC GI 056 FV CR 732 FV CR	4900	4	STD
									363 BF CR GI 401 SCRPF PC GI 056 FV CR 732 FV CR	2C4900 2C4900020	4	STD 0.50
E5FA, E5FC,Y5A, Y5B	2295		2.3 L	4	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	2402		2.4 L	4	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	2402		2.4 L	4	2000-07	Turbo Diesel	89.90	2.00 2.00 2.00	205 BF CR DI 234 SCRPF TF PC DI 248 CF CR 881 2PCO	2D7377 2D737750	1	STD 0.50
SCB, SCC, VM	2500		2.5 L	4	1993-98	Scorpio Turbo Diesel	92.00	2.50 2.00 4.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
ED, EF	3984		4.0 L	6	2002-On	Ford Falcon Australian w/2.5mm Oil Grv.	92.25	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5114 2C5114020 2C5114030 2C5114040	6	STD 0.50 0.75 1.00
ED, EF	3984		4.0 L	6	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
ED, EF	3984		4.0 L	6	1994-On	Ford Falcon Australian w/1.5mm Top Grv.	92.25	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 005 FV CR	4937 4937020 4937030 4937040 4937060	6	STD 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 872 FV CR 005 FV CR	2M4937 2M4937020 2M4937030 2M4937040 2M4937060	6	STD 0.50 0.75 1.00 1.50
FORD INDUSTRIAL												
VSG411			1.1 L	4			68.68	1.50 1.75 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	4856 4856020 4856040	4	STD 0.50 1.00
									363 BF CR GI 126 RVT PC GI 054 FV CR 732 FV CR	2C4856 2C4856020 2C4856040	4	STD 0.50 1.00
VSG411				4			74.00	1.60 2.00 4.00	362 BF 3CR GI 401 SCRPF PC GI 058 FV CR 732 FV CR	2C4471 2C4471020 2C4471030 2C4471040	4	STD 0.50 0.75 1.00














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
FORD INDUSTRIAL												
VSG413			1.3 L	4			73.93	1.50 1.75 3.00	032 BF PC GI 401 SCRPP PC GI 054 FV CR 732 FV CR 363 BF CR GI 401 SCRPP PC GI 054 FV CR 732 FV CR	4858 4858020 4858030 4858040 2C4858 2C4858010 2C4858020 2C4858030 2C4858040	4	STD 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00
E134, JE	2196	134	2.2 L	4			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
104 GF-SAAB V/4	1700 2000		1.7 L 2.0 L	4 4			90.00	2.00 3.00 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	4276	4	STD
JF, F223	3655	223	3.7 L	6			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
J272, JH, JJ	4458	272	4.5 L	8			92.08	2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	564 564020 564030 2C564	8	STD 0.50 0.75 STD
	4294	262	4.3 L	6			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	6	STD 0.75 1.00
K292	4786	292	4.8 L	8			95.25	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	568 568010 568020 568030 568040 568060 568080 568100 2C568 2C568010 2C568020 2C568030 2C568040 2C568060 2M568 2M568010 2M568020 2M568030 2M568040 2M568060 2M568080 2M568100	8	STD 0.25 0.50 0.75 1.00 1.50 2.00 2.50 STD 0.25 0.50 0.75 1.00 1.50 2.00 2.50
HD330				8			98.43	2.00 2.38 6.35	363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C589 2C589010 2C589020 2C589030	8	STD 0.25 0.50 0.75

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
FORD INDUSTRIAL												
HD330				8			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
MD330				8			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
D172	2819	172	2.8 L	4		3 Grv Piston	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
DD172	2819	172	2.8 L	4		5 Grv Piston	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
C5PF LD300, C5PG	3934 4917	240 300	3.9 L 4.9 L	6 6			101.60	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	592 592010 592020 592030 592040 592060 592080	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	2C592 2C592010 2C592020 2C592030 2C592040 2C592060 2C592080	6	STD 0.25 0.50 0.75 1.00 1.50 2.00
									397 BF PM S 126 RVT PC GI 860 FV CR 732 FV CR	2M592 2M592020 2M592030 2M592040 2M592060 2M592065 2M592080	6	STD 0.50 0.75 1.00 1.50 1.63 2.00

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
FORD INDUSTRIAL												
	5917 6408	361 391	5.9 L 6.4 L	8 8			102.87	2.00 2.38 6.35	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 345 T PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2C590 2C590020 2C590030 2M590 2M590020 2M590030	8 8	STD 0.50 0.75 STD 0.50 0.75
	5917 6408	361 391	5.9 L 6.4 L	8 8			102.87	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 345 T PM GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6601 6601020 6601030 6601040 6601060 2M6601 2M6601020 2M6601030 2M6601040 2M6601060	8 8	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
158DF 175DF	2590 2868	158 175	2.6 L 2.9 L	3 3		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
158DF	2590	158	2.6 L	3			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
254DF 380DF	4163 6228	254 380	4.2 L 6.2 L	4 6		Dorset Diesel Eng	107.21	2.38 2.38 2.38 4.75	362 BF 3CR GI 362 BF 3CR GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D7246 2D7246020	2	STD 0.50
201DF 401DF, 401DFT	3294 6572	201 401	3.3 L 6.6 L	3 6		Turbo 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	2C7180	3	STD
201GF	3294	201	3.3 L	3			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
256DF	4196	256	4.2 L	4		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	2C7210	4	STD
M477 N534	7818 8752	477 534	7.8 L 8.8 L	8 8			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 363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	578 2C578 2C578020 2C578030 2C578040 2C578060 2C578080	8 8	STD STD 0.50 0.75 1.00 1.50 2.00














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
												
FORD TRACTORS												
Sleeved Engine				4		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 Engine				4		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 Engine				4		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 Engine				4		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 Engine				4		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 Engine	2196	134	2.2 L	4		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		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
Sleeved Engine	2360	144	2.4 L	4		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
	3819	233	3.8 L	6		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
	3966	242	4.0 L	6		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
	2819	172	2.8 L	4		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		800, 801, 900, 901, 1801, 4000 Series EAF, EBE 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
Sleeved Engine				4		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
				4		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









ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
FORD TRACTORS												
G Eng.	2590	158	2.6 L	3		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. D Eng. D Eng.	2590 2868 3819	158 175 233	2.6 L 2.9 L 3.8 L	3 3 4		2000 3000 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
	4196	256	4.2 L	4		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
D Eng.	3147 3294	192 201	3.1 L 3.3 L	3		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.	3294	201	3.3 L	3 6		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
				4		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
401DT			6.6 L	6		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. DT Eng.	6572 7785	401 475	6.6 L 7.8 L	6 8		F4000 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-Performance												
75 H.P.	1599	98	1.6 L	4		High Performance Ford Pinto	80.96	1.60 2.00 4.00	336 T PM DI 126 RVT PC GI 860 FV CR 732 FV CR	2M5545 2M5545005	4	STD 0.13
	2300	140	2.3 L	4			96.01	1.60 1.60 4.75	336 T PM DI 126 RVT PC GI 860 FV CR 732 FV CR	2M5527 2M5527020 2M5527030 2M5527035 2M5527040 2M5527045 2M5527060	4	STD 0.50 0.75 0.88 1.00 1.13 1.50
	4737 4950 5753 6556	289 302 351 400	4.7 L 4.9 L 5.8 L 6.6 L	8 8 8 8		Steel Moly top ring	101.60	1.10 1.10 2.80	395 T PM S 126 RVT PC GI 621 FV CR 005 FV CR	SM5587 SM5587030 SM5587035 SM5587040 SM5587045 SM5587060 SM5587065	8	STD 0.75 0.88 1.00 1.13 1.50 1.63
	4737 4950 5753 6556	289 302 351 400	4.7 L 4.9 L 5.8 L 6.6 L	8 8 8 8		Steel Moly top ring w/napier 2nd ring	101.60	1.10 1.10 2.80	395 T PM S 406 N PC DI 621 FV CR 005 FV CR	SM8556 SM8556005 SM8556025 SM8556035 SM8556045 SM8556055 SM8556060 SM8556065 SM8556070	8	STD 0.13 0.63 0.88 1.13 1.38 1.50 1.63 1.75














ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
FORD-Performance												
	4737 4950 5753	289 302 351	4.7 L 4.9 L 5.8 L	8 8 8		Steel Moly top ring	101.60	1.10 1.60 4.75	395 T PM S 126 RVT PC GI 622 FV CR 732 FV CR	SM8527 SM8527005 SM8527025 SM8527035 SM8527045 SM8527065 SM8527080	8	STD 0.13 0.63 0.88 1.13 1.63 2.00
	4737 4950 5753 6556	289 302 351 400	4.7 L 4.9 L 5.8 L 6.6 L	8 8 8 8		Steel Moly top ring Low tension Oil Ring	101.60	1.10 1.60 4.75	395 T PM S 126 RVT PC GI 621 FV CR 732 FV CR	SM8537 SM8537035 SM8537045 SM8537065 SM8537080	8	STD 0.88 1.13 1.63 2.00
	4737 4950 5753 6556	289 302 351 400	4.7 L 4.9 L 5.8 L 6.6 L	8 8 8 8		Ford, Mercury Low Tension Oil Ring	101.60	2.00 2.00 4.75	336 T PM DI 126 RVT PC GI 621 FV CR 732 FV CR	2M5504 2M5504030 2M5504040 2M5504045	8	STD 0.75 1.00 1.13
	4737 4950 5753 6556	289 302 351 400	4.7 L 4.9 L 5.8 L 6.6 L	8 8 8 8		Ford, Mercury	101.60	2.00 2.00 4.75	336 T PM DI 126 RVT PC GI 622 FV CR 732 FV CR	2M5508 2M5508005 2M5508020 2M5508025 2M5508030 2M5508035 2M5508040 2M5508045 2M5508060 2M5508065	8	STD 0.13 0.50 0.63 0.75 0.88 1.00 1.13 1.50 1.63
	4737 4950 5753	289 302 351	4.7 L 4.9 L 5.8 L	8 8 8		Ford, Mercury 1/8" Oil Rings Napier 2nd rings	101.60	1.60 1.60 3.18	336 T PM DI 406 N PC DI 622 FV CR 732 FV CR	2M8571 2M8571005 2M8571030 2M8571035 2M8571045 2M8571065	8	STD 0.13 0.75 0.88 1.13 1.63
	4737 4950 5753	289 302 351	4.7 L 4.9 L 5.8 L	8 8 8		Ford, Mercury 1/8" Oil Rings	101.60	1.60 1.60 3.18	336 T PM DI 126 RVT PC GI 622 FV CR 732 FV CR	2M5521 2M5521005 2M5521010 2M5521020 2M5521025 2M5521030 2M5521035 2M5521040 2M5521045 2M5521060 2M5521065	8	STD 0.13 0.25 0.50 0.63 0.75 0.88 1.00 1.13 1.50 1.63
	4737 4950 5753	289 302 351	4.7 L 4.9 L 5.8 L	8 8 8		Ford Napier 2nd ring	101.60	1.60 1.60 4.75	336 T PM DI 406 N PC DI 622 FV CR 732 FV CR	2M8542 2M8542005 2M8542030 2M8542035 2M8542040 2M8542045 2M8542060 2M8542065	8	STD 0.13 0.75 0.88 1.00 1.13 1.50 1.63
	4737 4950 5753	289 302 351	4.7 L 4.9 L 5.8 L	8 8 8		Ford, Mercury	101.60	1.60 1.60 4.75	336 T PM DI 126 RVT PC GI 622 FV CR 732 FV CR	2M5523 2M5523005 2M5523010 2M5523020 2M5523025 2M5523030 2M5523035 2M5523040 2M5523045 2M5523060 2M5523065 2M5523080	8	STD 0.13 0.25 0.50 0.63 0.75 0.88 1.00 1.13 1.50 1.63 2.00
	4737 4950 5753	289 302 351	4.7 L 4.9 L 5.8 L	8 8 8		Ford Low Tension Oil Ring	101.60	1.60 1.60 4.75	336 T PM DI 126 RVT PC GI 621 FV CR 732 FV CR	2M5505 2M5505030 2M5505035 2M5505040 2M5505045 2M5505060 2M5505065	8	STD 0.75 0.88 1.00 1.13 1.50 1.63

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
FORD-Performance												
	4737 4950 5753	289 302 351	4.7 L 4.9 L 5.8 L	8 8 8		Ford Napier 2nd ring Low Tension Oil Ring	101.60	1.60 1.60 4.75	336 T PM DI 406 N PC DI 621 FV CR 732 FV CR	2M8543 2M8543030 2M8543035 2M8543040 2M8543045 2M8543060 2M8543065	8	STD 0.75 0.88 1.00 1.13 1.50 1.63
	4737 4950 5753	289 302 351	4.7 L 4.9 L 5.8 L	8 8 8		Ford, Mercury 3.0MM Oil Rings	101.60	1.60 1.60 3.00	336 T PM DI 126 RVT PC GI 621 FV CR 005 FV CR	2M5538 2M5538005 2M5538010 2M5538020 2M5538025 2M5538030 2M5538035 2M5538040 2M5538045 2M5538060 2M5538065 2M5538075 2M5538085	8	STD 0.13 0.25 0.50 0.63 0.75 0.88 1.00 1.13 1.50 1.63 1.88 2.13
	4950	302	4.9 L	8			101.60	1.50 1.50 4.00	336 T PM DI 126 RVT PC GI 622 FV CR 732 FV CR	2M5535 2M5535030	8	STD 0.75
	4950 5753 6556	302 351 400	4.9 L 5.8 L 6.6 L	8 8 8		Ford, Mercury Napier 2nd ring w/1.5mm Comp w/3.0mm Oil	101.60	1.50 1.50 3.00	336 T PM DI 406 N PC DI 621 FV CR 732 FV CR	2M8521 2M8521005 2M8521035 2M8521045 2M8521065	8	STD 0.13 0.88 1.13 1.63
									397 BF PM S 406 N PC DI 621 FV CR 732 FV CR	SM8521 SM8521035 SM8521065	8	STD 0.88 1.63
	4950 5753 6556	302 351 400	4.9 L 5.8 L 6.6 L	8 8 8		Ford, Mercury w/1.5mm Comp w/3.0mm Oil	101.60	1.50 1.50 3.00	336 T PM DI 126 RVT PC GI 621 FV CR 732 FV CR	2M5540 2M5540005 2M5540025 2M5540030 2M5540035 2M5540040 2M5540045 2M5540060 2M5540065 2M5540085	8	STD 0.13 0.63 0.75 0.88 1.00 1.13 1.50 1.63 2.13
	6392	390	6.4 L	8		Ford, Mercury	102.87	1.60 1.60 4.75	336 T PM DI 126 RVT PC GI 622 FV CR 732 FV CR	2M5525 2M5525030 2M5525035 2M5525060 2M5525065	8	STD 0.75 0.88 1.50 1.63
	4737 4950 5753 6556	289 302 351 400	4.7 L 4.9 L 5.8 L 6.6 L	8 8 8 8		Ford, Mercury	103.19	2.00 2.00 4.75	336 T PM DI 126 RVT PC GI 622 FV CR 732 FV CR	2M5511 2M5511035	8	STD 0.88
	6999	427	7.0 L	8		Ford Stroked KB piston w/ 3/16 oil Grv	107.52	1.60 1.60 4.75	336 T PM DI 126 RVT PC GI 622 FV CR 732 FV CR	2M5526 2M5526030	8	STD 0.75
	7539	460	7.5 L	8			110.74	1.60 1.60 4.75	336 T PM DI 126 RVT PC GI 860 FV CR 732 FV CR	2M5536 2M5536020 2M5536030 2M5536035 2M5536040 2M5536065 2M5536080 2M5536085	8	STD 0.50 0.75 0.88 1.00 1.63 2.00 2.13

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE
FORD-Performance Claimer												
	4950	302	4.9 L	8		Claimer Ring Set w/4.00mm Oil Ring	101.60	1.50 1.50 4.00	102 T PC GI 126 RVT PC GI 622 FV CR 732 FV CR 339 T PM GI 126 RVT PC GI 622 FV CR 732 FV CR	C5530 CM5530 CM5530030	8	STD 0.75
	4737 4950 5753 6556	289 302 351 400	4.7 L 4.9 L 5.8 L 6.6 L	8 8 8 8		Claimer Ring Sets Deep Wall Ring	101.60	1.50 1.50 3.00	102 T PC GI 126 RVT PC GI 621 FV CR 732 FV CR 339 T PM GI 126 RVT PC GI 621 FV CR 732 FV CR	C5540 CM5540 CM5540030	8	STD 0.75
	4737 4950 5753	289 302 351	4.7 L 4.9 L 5.8 L	8 8 8		Claimer Ring Sets 1/8" Oil Rings	101.60	1.60 1.60 3.18	339 T PM GI 126 RVT PC GI 622 FV CR 732 FV CR	CM5521 CM5521030 CM5521035 CM5521040 CM5521060	8	STD 0.75 0.88 1.00 1.50
	4737 4950 5753 6556	289 302 351 400	4.7 L 4.9 L 5.8 L 6.6 L	8 8 8 8		Claimer Ring Sets Deep Wall Rings	101.60	2.00 2.00 4.75	102 T PC GI 126 RVT PC GI 860 FV CR 732 FV CR 339 T PM GI 126 RVT PC GI 860 FV CR 732 FV CR	C5531 CM5531 CM5531030	8	STD 0.75
	4737 4950 5753 6556	289 302 351 400	4.7 L 4.9 L 5.8 L 6.6 L	8 8 8 8		Claimer Ring Sets	101.60	1.60 1.60 4.75	102 T PC GI 126 RVT PC GI 860 FV CR 732 FV CR 339 T PM GI 126 RVT PC GI 860 FV CR 732 FV CR	C5532 C5532030 C5532040 C5532060 CM5532 CM5532020 CM5532030 CM5532035 CM5532040 CM5532060	8	STD 0.75 1.00 1.50 0.50 0.75 0.88 1.00 1.50
GENERAL MOTORS- Cars												
B12D	1206	74	1.2 L	4	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
VHC	1000	61	1.0 L	4	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
	1000	61	1.0 L	4		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 362 BF 3CR GI 126 RVT PC GI 054 FV CR 732 FV CR	4517 2C4517 2C4517020 2C4517040	4	STD 0.50 0.50 1.00
QQ Kia Eng.	803	49	0.8 L	3	2003-On		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	1364	83	1.4 L	4	2001-16	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














ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
GENERAL MOTORS- Cars												
NID 102 H.P mfg: GM Shanghai	1399	85	1.4 L	4	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
Suzuki Eng.	1000	61	1.0 L	3	1989-95	GEO Metro 2 Ring Piston	74.00	1.20 2.80	398 BF CR S 859 FV CR 732 FV CR	2C4738 2C4738020 2C4738030 2C4738040	3	STD 0.50 0.75 1.00
Vin: 2,6 Suzuki Eng. Incl. Turbo	1000	61	1.0 L	3	1985-00	Sprint	74.00	1.20 1.50 2.80	398 BF CR S 435 SCRPP PC GI 859 FV CR 732 FV CR	2C4208 2C4208010 2C4208020 2C4208030 2C4208040 2C4208060	3	STD 0.25 0.50 0.75 1.00 1.50
									322 BF GN SS 126 RVT PC GI 859 FV CR 732 FV CR	2N4208	3	STD
G13KS Suzuki Eng.	1295	79	1.3 L	4	1998-01	GEO Metro	74.00	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C4944 2C4944010 2C4944020 2C4944030 2C4944040	4	STD 0.25 0.50 0.75 1.00
Vin: 9 Suzuki Eng.	1295	79	1.3 L	4	1990-97	GEO	74.00	1.20 1.50 2.80	398 BF CR S 435 SCRPP PC GI 859 FV CR 732 FV CR	2C4258 2C4258010 2C4258020 2C4258030 2C4258040 2C4258060	4	STD 0.25 0.50 0.75 1.00 1.50
G16S, G16KV Vin: 6 Suzuki Eng.	1590	97	1.6 L	4	1997-02	Esteem, GEO	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
G16, G16K,G16KV Vin: U Suzuki Eng.	1587	97	1.6 L	4	1989-00	GEO, Tracker	75.00	1.20 1.50 2.80	398 BF CR S 435 SCRPP 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
	1500	92	1.5 L	4	2004-06	Aveo	76.50	1.50 1.50 2.00	362 BF 3CR GI 126 RVT PC GI 993 FV CR 005 FV CR	2C4175 2C4175010 2C4175020 2C4175030	4	STD 0.25 0.50 0.75
Isuzu Eng.	1500	92	1.5 L	4	1987-89	GEO, Spectrum Incl. Turbo	77.00	1.20 1.20 2.80	398 BF CR S 126 RVT PC GI 861 FV CR 732 FV CR	2C4646 2C4646020 2C4646030 2C4646040	4	STD 0.50 0.75 1.00
Isuzu Eng.	1500	92	1.5 L	4	1985-89	GEO, Spectrum Incl. Turbo 2 Ring Piston	77.00	1.50 1.50 2.80	032 BF PC GI 861 FV CR 732 FV CR	4241 4241020 4241030 4241040	4	STD 0.50 0.75 1.00
									335 T PM DI 861 FV CR 732 FV CR	2M4241 2M4241020 2M4241030 2M4241040	4	STD 0.50 0.75 1.00
LUJ, LUV, VVT	1398	85	1.4 L	4	2012-16	L4 Ecotec, Onix Brazil Turbo	77.58	1.00 1.00 2.00	398 BF CR S 123 RVT PC DI 993 FV CR 005 FV CR	2C4354 2C435450	4	STD 1.25
DOHC	1399	85	1.4 L	4		Lova, Twin-Tec	77.90	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C4569 2C4569020	4	STD 0.50
F14D4 Made In Korea	1400	85	1.4 L	4	2006-11	Aveo, Cruz, Lanos	77.90	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C4115	4	STD

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
GENERAL MOTORS- Cars												
LXV, LXT VIN: E DOHC	1598	97	1.6 L	4	2014-16	L 4 ,16 Valves	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 1.25
DOHC Made in China	1598	98	1.6 L	4		Buick, Excelle w/3.0mm oil grv.	79.00	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 054 FV CR 732 FV CR	2C5301 2C5301010 2C5301030 2C5301040	4	STD 0.25 0.75 1.00
Opel Eng.	1598	98	1.6 L	4	1997-On	Coras w/2.5mm oil grv.	79.00	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C4621 2C4621020 2C4621040	4	STD 0.50 1.00
L91 Vin: 6 SOHC Pontiac - Korean Eng.	1598	98	1.6 L	4	1988-11	Aveo, Optra LS	79.00	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 872 FV CR 732 FV CR	2C4602 2C4602010 2C4602020 2C4602030 2C4602040 2C4602060	4	STD 0.25 0.50 0.75 1.00 1.50
LXV, VCT Vin: E, G DOHC	1598	98	1.6 L	4	2009-13	Aveo, G3	79.00	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 934 FV CR 005 FV CR	2C4199 2C4199020 2C4199030	4	STD 0.50 0.75
1ZZ-FE Vin: 8,L Toyota Eng.	1794	110	1.8 L	4	1998-08	Prizm, Pontiac Vibe	79.00	1.20 1.20 3.00	398 BF CR S 126 RVT PC GI 996 FV CR 732 FV CR	2C4947 2C4947010 2C4947020 2C4947030 2C4947040 2C4947060	4	STD 0.25 0.50 0.75 1.00 1.50
4XE1 DOHC/SOHC Isuzu Eng.	1588	97	1.6 L	4	1990-95	GEO Storm	80.00	1.20 1.20 3.00	398 BF CR S 126 RVT PC GI 054 FV CR 732 FV CR	2C4647 2C4647020 2C4647030 2C4647040	4	STD 0.50 0.75 1.00
X18XE1 Vin:H DOHC Opel Eng.	1798	110	1.8 L	4	2002-15	Astra, Corsa, Cruze Fit Brazilian Mahle Piston	80.50	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C5185 2C5185010 2C5185S010 2C5185020 2C5185030 2C5185040	4	STD 0.25 0.25 0.50 0.75 1.00
2ZRFE DOHC Toyota Eng.	1798	110	1.8 L	4	2009-10	Vibe 1.5 mm Oil Grv.	80.50	1.00 1.00 1.50	398 BF CR S 123 RVT PC DI 981 FV CR 005 FV CR	2C4113 2C4113020 2C4113030 2C4113040	4	STD 0.50 0.75 1.00
Toyota Eng.	1598	97	1.6 L	4	1983-89	Nova	81.00	1.50 1.50 2.80	032 BF PC GI 126 RVT PC GI 861 FV CR 732 FV CR	6180 6180010 6180020 6180030 6180040 6180060	4	STD 0.25 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 861 FV CR 732 FV CR	2C6180 2C6180010 2C6180020 2C6180030 2C6180040	4	STD 0.25 0.50 0.75 1.00
									327 BF PM GI 126 RVT PC GI 861 FV CR 732 FV CR	2M6180 2M6180010 2M6180020 2M6180030 2M6180040	4	STD 0.25 0.50 0.75 1.00
Vin: 6 Vin: 8 Toyota Eng.	1598 1803	98 110	1.6 L 1.8 L	4 4	1993-97 1996-97	GEO GEO	81.00	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 054 FV CR 732 FV CR	2C4733 2C4733010 2C4733020 2C4733030 2C4733040	4	STD 0.25 0.50 0.75 1.00
									322 BF GN SS 126 RVT PC GI 987 FV GN SS 714 GN SS 714 GN SS	2N4733 2N473325 2N473350 2N473375	4	STD 0.25 0.50 0.75

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
GENERAL MOTORS- Cars												
Vin: 5 Toyota Eng.	1598 1770	98 108	1.6 L 1.8 L	4 4	1990-92 1993-97	GEO GEO	81.00	1.20 1.50 2.80	398 BF CR S 126 RVT PC GI 861 FV CR 732 FV CR	2C4684 2C4684010 2C4684020 2C4684030 2C4684040	4	STD 0.25 0.50 0.75 1.00
4AGLEC VIN 6 Toyota Eng.	1598	98	1.6 L	4	1989-93	GEO	81.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR 335 T PM DI 126 RVT PC GI 054 FV CR 732 FV CR 322 BF GN SS 126 RVT PC GI 987 FV GN SS 714 GN SS	4683 4683020 4683030 4683040 2M4683 2M4683010 2M4683020 2M4683030 2M4683040 2N4683 2N468325 2N468350 2N468375	4 4 4	STD 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00 STD 0.25 0.50 0.75
DOHC Twin-Tec Made in China	1798	110	1.8 L	4		Buick, Excelle	81.60	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 054 FV CR 732 FV CR	2C4551 2C4551020 2C4551030 2C4551040	4	STD 0.50 0.75 1.00
L79	1798	110	1.8 L	4	2004-05	Optra LS, MPFI	81.60	1.50 1.50 3.00	363 BF CR GI 401 SCRPP PC GI 054 FV CR 732 FV CR	2C5245 2C5245020 2C5245030 2C5245040	4	STD 0.50 0.75 1.00
	1400	85	1.4 L	4	1976-77	Chevette	82.00	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR	4294 4294020 4294030 4294040 4294060 2C4294 2C4294010 2C4294020 2C4294030 2C4294040 2C4294060	4 4	STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
10.82 Model Gas & Alch.				4		Chevette (Brazilian) Fit Brazilian Mahle Piston	82.00	1.50 1.75 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 058 FV CR 732 FV CR	4802 4802020 4802030 4802040 2M4802 2M4802020 2M4802030 2M4802040	4 4	STD 0.50 0.75 1.00 STD 0.50 0.75 1.00
	1400	85	1.4 L	4	1973-82	Chevette Fit Brazilian Mahle Piston	82.00	2.00 2.00 4.00	363 BF CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C4826 2C4826020 2C4826030 2C4826040 2C4826060	4	STD 0.50 0.75 1.00 1.50
	1598	97	1.6 L	4	1984-87	Chevrolet, Pontiac Shallow Oil Ring Grv.	82.00	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 872 FV CR 732 FV CR	4218 4218010 4218020 4218030 4218040 2M4218 2M4218020 2M4218030 2M4218040	4 4	STD 0.25 0.50 0.75 1.00 STD 0.50 0.75 1.00














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
GENERAL MOTORS- Cars												
	1598	97	1.6 L	4	1976-83	Chevette 3.228 Deep Oil ring Grv.	82.00	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR	4393 4393010 4393020 4393030 4393040 4393060 2C4393 2C4393010 2C4393020 2C4393030 2C4393040 2C4393060	4	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
Gas/Alch.	1598	97	1.6 L	4	1987-On	Chevette Fits Brazilian Mahle Piston	82.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 054 FV CR 732 FV CR	4801 2C4801 2C4801020 2C4801040	4	STD STD 0.50 1.00
2ZZ-GE Toyota Eng.	1796	110	1.8 L	4	2004-06	Vibe GT	82.00	1.20 1.20 3.00	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C5087 2C5087020 2C5087030 2C5087040	4	STD 0.50 0.75 1.00
Vin: 7,8	1900	116	1.9 L	4	1999-02	Saturn SC, SL, SW Series	82.00	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C4984 2C4984004 2C4984016 2C4984020 2C4984030 2C4984040	4	STD 0.10 0.40 0.50 0.75 1.00
Vin: 7,8	1900	116	1.9 L	4	1995-98	Saturn	82.00	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 054 FV CR 732 FV CR	2C4891 2C4891016 2C4891020 2C4891030 2C4891040	4	STD 0.40 0.50 0.75 1.00
	1900	116	1.9 L	4	1991-94	Saturn	82.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 054 FV CR 732 FV CR	4745 4745020 4745030 4745040 2M4745 2M4745020 2M4745030 2M4745040	4	STD 0.50 0.75 1.00 STD 0.50 0.75 1.00
	4064	248	4.1 L	8	1939-49	All Models, Deluxe Eight 39-29, 27, 28, 29 Pontiac	82.55	2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	619 619020 619040 619060	8	STD 0.50 1.00 1.50
Z 20DM, Z20 DHM, Z20S, Z 20S1	1991		2.0 L	4	2005-11	Captiva, Cruze, Epica, Nubira	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
G180Z, LUV Isuzu Eng.	1820	111	1.8 L	4	1976-84		84.00	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	4247 4247020 4247030 4247040 4247060 2C4247 2C4247010 2C4247020 2C4247030 2C4247040 2C4247060	4	STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
GENERAL MOTORS- Cars												
Made in Brazil	1798	110	1.8 L	4	1986-91	Monza	84.78	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	4635 4635010 4635020 4635030 4635040	4	STD 0.25 0.50 0.75 1.00
									362 BF 3CR GI 126 RVT PC GI 054 FV CR 732 FV CR	2C4635 2C4635020 2C4635030 2C4635040	4	STD 0.50 0.75 1.00
	1798	110	1.8 L	4	1982-86	Ascona, Kadett GSi, Monza, Omega, Rekord Fit Brazilian Mahle Piston	84.78	1.50 1.75 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	4848 4848020	4	STD 0.50
									327 BF PM GI 126 RVT PC GI 058 FV CR 732 FV CR	2M4848 2M4848020 2M4848040	4	STD 0.50 1.00
	1798	110	1.8 L	4	1987-On	Monza, Omega Fit Brazilian Mahle Piston	84.78	1.50 1.50 3.00	363 BF CR GI 126 RVT PC GI 054 FV CR 732 FV CR	2C4834 2C4834020 2C4834040	4	STD 0.50 1.00
Vin: O incl. Turbo Made in Brazil	1835	112	1.8 L	4	1982-86	Oldsmobile, Pontiac	84.80	1.50 1.75 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	6193 6193020 6193030 6193040 6193060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C6193 2C6193010 2C6193020 2C6193030 2C6193040 2C6193060	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	2M6193 2M6193020 2M6193030 2M6193040	4	STD 0.50 0.75 1.00
	2294	140	2.3 L	6	1960	Chevrolet Corvair	85.73	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	662	6	STD
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C662	6	STD
ATS, CTS Vin: B, H	1999 2196	122 134	2.0 L 2.2 L	4 4	2008-14 2006-15	Cobalt, HHR Malibu, Regal, Soltice, Sky w/2.0mm oil grv. GAS, FLEX	86.00	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C4179 2C4179020 2C4179030	4	STD 0.50 0.75
Z 20 LER Z 22 SE	1998 2198		2.0 L 2.2 L	4 4	2007-On 2000-04	Cadillac BLS 2.0 Chevrolet 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
Vin: K,M L34, LS DOHC incl. Turbo	1982 1999	121 122	2.0 L 2.0 L	4 4	1987-95 2004-05	Chevrolet, Pontiac Fit Brazilian Mahle Piston	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 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
GENERAL MOTORS- Cars												
Vin:P L61 Vin: A,D,F,J,N,Z DOHC	1999 2196	122 134	2.0 L 2.2 L	4 4	2004-07 2000-08	Supercharger Cobalt, Ion Ecotec, Chev, Pontiac, Saturn	86.00	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR 322 BF GN SS 435 SCRIP PC GI 995 FV CR 732 FV CR	2C5130 2C5130010 2C5130020 2C5130030 2C5130040 2N5130 2N513050	4 4	STD 0.25 0.50 0.75 1.00 STD 0.50
Vin: R	2966	181	3.0 L	6	1997-00	Cadillac Catera	86.00	1.50 1.50 3.00	335 T PM DI 126 RVT PC GI 997 FV CR 732 FV CR	2M4896 2M4896020 2M4896030	6	STD 0.50 0.75
Vin: R	3000	183	3.0 L	6	1999-05	Catera, Saturn 24 Valve	86.00	1.20 1.50 3.00	398 BF CR S 435 SCRIP PC GI 054 FV CR 732 FV CR	2C4996 2C4996020 2C4996030 2C4996040	6	STD 0.50 0.75 1.00
Vin: C DOHC	4000	244	4.0 L	8	1996-04	Olds Aurora	87.00	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 872 FV CR 732 FV CR	2C4895 2C4895010 2C4895020	8	STD 0.25 0.50
DOHC	4000	244	4.0 L	8	1994-95	Olds Aurora	87.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR 335 T PM DI 126 RVT PC GI 872 FV CR 732 FV CR	4761 4761020 4761030 4761040 2M4761 2M4761010 2M4761020 2M4761030 2M4761040	8 8	STD 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00
	2376	145	2.4 L	6	1961-63	Chevrolet Corvair	87.31	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	663 663030 2C663 2C663030	6 6	STD 0.75 STD 0.75
	2687	164	2.7 L	6	1964-69	Chevrolet Corvair	87.31	1.60 1.60 3.18	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	669 669020 669030 669040 669060 2C669 2C669020 2C669030 2C669040 2C669060 2M669 2M669020 2M669030 2M669040 2M669060	6 6 6	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
	3638	222	3.6 L	6	1939-40	Quality Six 39-25, Special Six 40-25, Deluxe Six 39-26, Pontiac 40-26	87.31	2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	618 618020 618040	6	STD 0.50 1.00
	5245	320	5.2 L	8	1940-52	Buick 60 Century, 70 Roadmaster, 80, 90 Limited Canada 46, 47, 48, 49 Series	87.31	2.38 2.38 4.75 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	429 429060	8	STD 1.50














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
GENERAL MOTORS- Cars												
146C.I.D SOHC	2393	146	2.4 L	4	2004-08	16V L4 Astra Export	87.50	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C4174 2C4174020 2C4174030 2C4174040	4	STD 0.50 0.75 1.00
Vin: N	3228	197	3.2 L	6	2003-04	Buick, Cadillac CTS	87.50	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5131 2C5131020 2C5131030 2C5131040	6	STD 0.50 0.75 1.00
Vin: B, W LKW DOHC	2376 2457	145 150	2.4 L 2.5 L	4 4	2009-15 2014-16	16V Captive, HHR, Malibu Impala ECOTEC w/2.0mm oil grv	88.00	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C4564 2C4564010 2C4564020 2C4564030	4	STD 0.25 0.50 0.75
Vin: B,P,5 DOHC	2376	145	2.4 L	4	2006-09	Cobalt, HHR w/2.5mm oil grv.	88.00	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5228 2C5228020 2C5228030 2C5228040	4	STD 0.50 0.75 1.00
	4130	252	4.1 L	8	1987-89	Cadillac Allante Shallow Oil Ring Grv.	88.00	1.50 1.50 3.00	335 T PM DI 126 RVT PC GI 872 FV CR 005 FV CR	2M4447 2M4447003 2M4447010 2M4447020	8	STD 0.08 0.25 0.50
	4130	252	4.1 L	8	1982-87	Cadillac Shallow Oil Ring Grv.	88.00	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	5654 5654005 5654010 5654020 5654030 5654040 5654060	8	STD 0.13 0.25 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 872 FV CR 732 FV CR	2C5654 2C5654005 2C5654010 2C5654020 2C5654030 2C5654040 2C5654060	8	STD 0.13 0.25 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 872 FV CR 732 FV CR	2M5654 2M5654005 2M5654010 2M5654020 2M5654030 2M5654040 2M5654060	8	STD 0.13 0.25 0.50 0.75 1.00 1.50
	1999 2294	122 140	2.0 L 2.3 L	4 4	1975-77 1971-76	Chev., Pont., Vega Chev., Pont., Vega	88.90	2.00 2.00 4.75	032 BF PC GI 401 SCRPP PC GI 860 FV CR 732 FV CR	6810 6810030	4	STD 0.75
									327 BF PM GI 401 SCRPP PC GI 860 FV CR 732 FV CR	2M6810 2M6810030	4	STD 0.75
	2835 3212 3277	173 196 200	2.8 L 3.2 L 3.3 L	6 6 6	1980 1978-79 1978-79	Buick, Chev., Pont. Chevrolet Chevrolet For 89 mm, use .005	88.90	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	582 582005 582030 582040 582060	6	STD 0.13 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C582 2C582005	6	STD 0.13
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M582 2M582005 2M582030 2M582040	6	STD 0.13 0.75 1.00

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
GENERAL MOTORS- Cars												
	3523 4260 4375	215 260 267	3.5 L 4.3 L 4.4 L	8 8 8	1961-63 1975-82 1979-82	Buick Special Oldsmobile Buick, Chevrolet	88.90	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	652 652030 652040 652060 2C652 2C652010 2C652020 2C652030 2C652040 2M652 2M652030 2M652040	8 8	STD 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00
	3540	216	3.5 L	6	1937-53	Chevrolet	88.90	3.18 3.18 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	133 133030 2C133	6 6	STD 0.75 STD
	3540	216	3.5 L	6	1937-53	Chevrolet 4 Ring Repl. Piston	88.90	3.18 3.18 4.75 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	6337	6	STD
	3900	238	3.9 L	6	1941-48	All Models 66, 76, 96 Oldsmobile Canada 35, 36	88.90	2.38 2.38 4.75 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	611	6	STD
	1835	112	1.8 L	4	1981-82	Chevrolet, Pontiac 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 397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	5650 5650020 5650030 5650040 5650060 2M5650 2M5650020 2M5650030 2M5650040 2M5650060	4 4	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
	1835 2000	112 122	1.8 L 2.0 L	4 4	1982-84 1982-84	Buick, Chev., Pont. Buick, Chev., Pont 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 397 BF PM S 126 RVT PC GI 860 FV CR 732 FV CR	4408 4408020 4408030 4408040 2M4408 2M4408020 2M4408030 2M4408040	4 4	STD 0.50 0.75 1.00 STD 0.50 0.75 1.00
Vin : 1 Vin: 1, 4, 5, 6	1999 2196	122 134	2.0 L 2.2 L	4 4	1987-89 1987-05	Buick, Cad., Chevrolet, Pontiac Shallow Oil Ring Grv.	89.00	1.50 1.50 3.00	397 BF PM S 126 RVT PC GI 872 FV CR 005 FV CR	2M6209 2M6209020 2M6209030 2M6209040 2M6209060	4	STD 0.50 0.75 1.00 1.50
Vin: 4 DOHC	2792	170	2.8 L	6	2005-10	Cadillac CTS	89.00	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C4701 2C4701010 2C4701020 2C4701030	6	STD 0.25 0.50 0.75














ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
GENERAL MOTORS- Cars												
Vin: W Vin: D, M, T, W	2835 3097	173 189	2.8 L 3.1 L	6 6	1987-93 1989-95	Buick, Cad., Chevrolet Buick, Cad., Chevrolet Shallow Oil Ring Grv.	89.00	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR 397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	4456 4456010 4456020 4456030 4456040 4456060 2M4456 2M4456010 2M4456020 2M4456030 2M4456040 2M4456060	6 6	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
	2827	173	2.8 L	6	1985-89	Cad., Chevrolet, Pontiac w/ Cast Iron Heads 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 397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	6194 6194020 6194030 6194040 6194060 2M6194 2M6194010 2M6194020 2M6194030 2M6194040 2M6194060	6 6	STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
	2835	173	2.8 L	6	1981-84	Chevrolet	89.00	1.50 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR 397 BF PM S 126 RVT PC GI 860 FV CR 732 FV CR	5632 5632010 5632020 5632030 5632040 5632060 2C5632 2C5632020 2C5632030 2C5632040 2C5632060 2M5632 2M5632010 2M5632020 2M5632030 2M5632040 2M5632060	6 6 6	STD 0.25 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
LFW Vin. 5	2982	182	3.0 L	6	2010-13	Flex Fuel	89.00	1.00 1.20 1.50	398 BF CR S 126 RVT PC GI 981 FV CR 005 FV CR	2C5225 2C5225010 2C5225020 2C5225030 2C5225040	6	STD 0.25 0.50 0.75 1.00
Vin: J	3097	189	3.1 L	6	1999-05	Shallow Oil Grv.	89.00	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR 397 BF PM S 126 RVT PC GI 997 FV CR 732 FV CR	2C4979 2C4979020 2C4979030 2C4979040 2M4979 2M4979020 2M4979030	6 6	STD 0.50 0.75 1.00 STD 0.50 0.75
Vin: M,K	3097	189	3.1 L	6	1996-99	Deep Oil Grv.	89.00	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 872 FV CR 005 FV CR	2C4888 2C4888010 2C4888020 2C4888030 2C4888040 2C4888060	6	STD 0.25 0.50 0.75 1.00 1.50
Vin: U SOHC Honda Eng.	3474	212	3.5 L	6	2004-07	Saturn Vue	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












ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET  Set #	CYL SET 	SIZE 
GENERAL MOTORS- Cars												
	1835 2000	112 122	1.8 L 2.0 L	4 4	1983-85 1984-86	Chevrolet Chevrolet Shallow Oil Ring Grv.	89.00	1.50 1.50 4.75	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR 397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	6169 6169020 6169030 6169040 6169060 2M6169 2M6169020 2M6169030 2M6169040 2M6169060	4 4	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
Vin: H Oldsmobile Eng.	3507	214	3.5 L	6	1999-03		89.50	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 005 FV CR	2C4963 2C4963010 2C4963020 2C4963030	6	STD 0.25 0.50 0.75
	1900	120	1.9 L	4	1975-79	Export	90.00	2.00 2.00 4.50	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	4171 4171020	4	STD 0.50
Vin: T	2393	146	2.4 L	4	1996-02		90.00	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 872 FV CR 732 FV CR 397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2C4898 2C4898010 2C4898020 2C4898030 2C4898040 2M4898 2M4898010 2M4898020 2M4898030 2M4898040	4 4	STD 0.25 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00
	3179 3916	194 239	3.2 L 3.9 L	6 6	1962-67 1953-54	Chevrolet All Models Pontiac	90.49	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	666 666020 666060 2C666 2C666060 2M666 2M666060	6 6 6	STD 0.50 1.50 STD 1.50 STD 1.50
	3851	235	3.9 L	6	1941-62	Chevrolet All Models 24, 25, 26 Pontiac	90.49	2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	136 136020 136030 136040 136080 2C136 2C136030 2C136040	6 6	STD 0.50 0.75 1.00 2.00 STD 0.75 1.00
	3851	235	3.9 L	6	1950-62	Chevrolet	90.49	2.38 3.18 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	135 135030 2C135 2C135030	6 6	STD 0.75 STD 0.75
	3851	235	3.9 L	6	1954-61	Chevrolet 4 Ring Piston	90.49	2.38 2.38 4.75 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	6338 6338020 6338030 6338040	6	STD 0.50 0.75 1.00

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














ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
GENERAL MOTORS- Cars												
	4326	264	4.3 L	8	1954-55	40 Series Buick	92.08	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	633 633010 633020 633030 633040 633060	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	2C633 2C633020 2C633030 2C633040	8	STD 0.50 0.75 1.00
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M633 2M633030 2M633040 2M633060	8	STD 0.75 1.00 1.50
Vin: 6,9,A,J,S,Y	4605	281	4.6 L	8	2000-11	Cadillac	93.00	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5024 2C5024010 2C5024020 2C5024030 2C5024040	8	STD 0.25 0.50 0.75 1.00
Vin: 9,Y	4605	281	4.6 L	8	1996-99	Cadillac	93.00	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 872 FV CR 732 FV CR	2C4894 2C4894010 2C4894020	8	STD 0.25 0.50
	4605	281	4.6 L	8	1993-95	Cadillac	93.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4790 4790010 4790020 4790030 4790040	8	STD 0.25 0.50 0.75 1.00
									335 T PM DI 126 RVT PC GI 872 FV CR 732 FV CR	2M4790 2M4790010 2M4790020 2M4790030 2M4790040	8	STD 0.25 0.50 0.75 1.00
	4293	262	4.3 L	8	1975-76	Chevrolet	93.24	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5477 5477030	8	STD 0.75
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5477 2C5477030	8	STD 0.75
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M5477 2M5477030	8	STD 0.75
	3300	204	3.3 L	6	1989-95	Buick, Chevrolet, Pontiac Shallow Oil Ring Grv.	94.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 005 FV CR	4478 4478020 4478030 4478040	6	STD 0.50 0.75 1.00
									327 BF PM GI 126 RVT PC GI 872 FV CR 005 FV CR	2M4478 2M4478020 2M4478030 2M4478040 2M4478060	6	STD 0.50 0.75 1.00 1.50
LX9 OHV Alloytec LLT Vin: 7	3490 3600	213 220	3.5 L 3.6 L	6 6	2004-13 2004-15	G6, Malibu Buick, Cadillac, Camaro	94.00	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5133 2C5133010 2C5133020 2C5133030 2C5133040	6	STD 0.25 0.50 0.75 1.00
									397 BF PM S 126 RVT PC GI 995 FV CR 732 FV CR	2M5133 2M5133010 2M5133020 2M5133030 2M5133040	6	STD 0.25 0.50 0.75 1.00

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE
GENERAL MOTORS- Cars												
LFX Vin: 3 DOHC	3556	217	3.6 L	6	2012-17	Camero LT, Caprice, Traverse V6	94.00	1.00 1.20 1.50	398 BF CR S 126 RVT PC GI 981 FV CR 005 FV CR	2C4114 2C4114010 2C4114020 2C4114030	6	STD 0.25 0.50 0.75
	5342	326	5.3 L	8	1964-67	Pontiac	94.46	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	450 450030 450040 450060	8	STD 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C450 2C450030 2C450040 2C450060	8	STD 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M450 2M450030 2M450040 2M450060	8	STD 0.75 1.00 1.50
	4998	305	5.0 L	8	1976-93	Buick, Chev., Pont. 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
									327 BF PM GI 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 Vin: M	4343 4998	265 305	4.3 L 5.0 L	8 8	1994-96 1993-02	Chevrolet Bonneville, Camaro, Caprice 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
									397 BF PM S 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
	3753	229	3.8 L	6	1980-84	Chevrolet, Pontiac	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
									327 BF PM GI 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

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
GENERAL MOTORS- Cars												
OHC	1900	120	1.9 L	4	1971-72	Firenza	95.25	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	6873 6873010 6873020 6873030 2C6873	4	STD 0.25 0.50 0.75 STD
	3523 3687	215 225	3.5 L 3.7 L	6 6	1964-65 1964-67	Lemans, Pontiac Tempest Buick, Oldsmobile, Pontiac	95.25	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	656 656010 656020 656030 656040 656060 2C656 2C656010 2C656020 2C656030 2C656040 2C656060 2M656 2M656010 2M656020 2M656030 2M656040 2M656060	6 6	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
	4343	265	4.3 L	8	1980-81	Buick, Olds., Pont. Shallow Oil Ring Grv.	95.25	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 872 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 872 FV CR 732 FV CR	5616 5616020 5616030 5616040 5616060 2C5616 2C5616020 2C5616030 2C5616040 2C5616060 2M5616 2M5616020 2M5616030 2M5616040 2M5616060	8	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
	4343 4703 4916 4965 5572	265 287 300 303 340	4.3 L 4.7 L 4.9 L 5.0 L 5.6 L	8 8 8 8 8	1955-57 1955 1964-67 1949-53 1966-67	Chevrolet Models 27, 28 Pontiac Buick Oldsmobile Canada 36, 37 Buick	95.25	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	568 568010 568020 568030 568040 568060 568080 568100 2C568 2C568010 2C568020 2C568030 2C568040 2C568060 2M568 2M568010 2M568020 2M568030 2M568040 2M568060 2M568080 2M568100	8	STD 0.25 0.50 0.75 1.00 1.50 2.00 2.50 STD 0.25 0.50 0.75 1.00 1.50 2.00 2.50














ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
GENERAL MOTORS- Cars												
	5342	326	5.3 L	8	1963	Pontiac	96.04	2.00 2.00 4.75	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C682	8	STD
Vin: 1,2,4,K	3800	231	3.8 L	6	1996-09	Chevrolet	96.50	1.20 1.50 2.00	397 BF PM S 126 RVT PC GI 934 FV CR 935 FV CR	2M4866 2M4866010 2M4866020 2M4866030 2M4866040	6	STD 0.25 0.50 0.75 1.00
Vin: 1,L	3800	231	3.8 L	6	1993-95	Buick, GMC V6	96.50	1.20 1.50 3.00	397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2M4764 2M4764010 2M4764020 2M4764030 2M4764040 2M4764060	6	STD 0.25 0.50 0.75 1.00 1.50
	3800	231	3.8 L	6	1987-92	Buick, Chevrolet, Pontiac Shallow Oil Ring Grv.	96.50	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 872 FV CR 732 FV CR	4458 4458020 4458030 4458040 4458060 2M4458 2M4458020 2M4458030 2M4458040 2M4458060	6	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
	2966 3785	181 231	3.0 L 3.8 L	6 6	1982-88 1974-87	Chevrolet, Buick, Oldsmobil, Pontiac Non Turbo	96.52	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	5474 5474020 5474030 5474040 5474060 2C5474 2C5474010 2C5474020 2C5474030 2C5474040 2C5474060 2M5474 2M5474020 2M5474030 2M5474040 2M5474060	6	STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
	3800	231	3.8 L	6	1978-87	Buick Turbo	96.52	2.00 2.00 4.75	336 T PM DI 126 RVT PC GI 860 FV CR 732 FV CR	2M5612 2M5612020 2M5612030 2M5612040 2M5612060	6	STD 0.50 0.75 1.00 1.50
	5030 5735	307 350	5.0 L 5.7 L	8 8	1981-90 1968-80	Buick, Cadillac, Oldsmobile, Pontiac	96.52	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	696 696010 696020 696030 696040 696060 2C696 2C696010 2C696020 2C696030 2C696040 2C696060 2M696 2M696020 2M696030 2M696040 2M696060	8	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE
GENERAL MOTORS- Cars												
	6030	368	6.0 L	8	1980-84	Cadillac Shallow Oil Ring Grv.	96.52	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 872 FV CR 732 FV CR	5614 5614020 5614030 5614040 5614060 2M5614 2M5614020 2M5614030 2M5614040 2M5614060	8	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
	6555	400	6.6 L	8	1968-69	Oldsmobile	98.30	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	698 698040 698060 2C698 2C698040 2C698060 2M698 2M698040 2M698060	8	STD 1.00 1.50 STD 1.00 1.50 STD 1.00 1.50
	2507	153	2.5 L	4	1962-70	Chevrolet	98.43	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	665 665010 665020 665030 665040 665060 2C665 2C665010 2C665020 2C665030 2C665040 2C665060 2M665 2M665010 2M665020 2M665030 2M665040 2M665060	4	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50 2.00
OHC	3770 4097	230 250	3.8 L 4.1 L	6 6	1963-70 1971-89	Chevy Chevy, Police & Taxi Fits Brazilian Mahle Piston	98.43	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	667 667010 667020 667030 667040 667060 667080 2C667 2C667010 2C667020 2C667030 2C667040 2C667060 2C667080 2M667 2M667010 2M667020 2M667030 2M667040 2M667060 2M667080	6	STD 0.25 0.50 0.75 1.00 1.50 2.00 STD 0.25 0.50 0.75 1.00 1.50 2.00 STD 0.25 0.50 0.75 1.00 1.50 2.00














ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
GENERAL MOTORS- Cars												
	4097	250	4.1 L	6	1966-70	Chevolet, Pontiac	98.43	1.60 1.60 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	670	6	STD
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M670 2M670010 2M670030	6	STD 0.25 0.75
	4640 5030 5309 5735	283 307 324 350	4.6 L 5.0 L 5.3 L 5.7 L	8 8 8 8	1957-67 1968-73 1954-56 1968-77	Chevrolet Chevrolet Oldsmobile Canada 30, 36 Pontiac	98.43	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	660 660010 660020 660030 660040 660060 660080	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	2M660 2M660010 2M660020	8	STD 0.25 0.50
LZ43.5N Vin: K, N LZG (gas), LZE(flexfuel) Vin: M,R,W,1,3 OHV	3507 3900	214 238	3.5 L 3.9 L	6 6	2004-11 2004-12		99.00	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5270 2C5270020 2C5270030 2C5270040	6	STD 0.50 0.75 1.00
LS1 Vin: G,S	5670	346	5.7 L	8	1997-05	Corvette, Camaro, Firebird For Cast Iron Sleeves	99.00	1.50 1.50 3.00	335 T PM DI 126 RVT PC GI 872 FV CR 732 FV CR	2M4897 2M4897002 2M4897005 2M4897010 2M4897020 2M4897030 2M4897040	8	STD 0.05 0.13 0.25 0.50 0.75 1.00
	5180 5408	316 330	5.2 L 5.4 L	8 8	1956-57 1964-66	All Models 27, 28 Pontiac Oldsmobile	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
	4130	252	4.1 L	6	1980-87	Buick, Cadillac, Pontiac, Oldsmobile	100.71	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5619 5619020 5619030 5619040 5619060	6	STD 0.50 0.75 1.00 1.50
									363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5619 2C5619020 2C5619030 2C5619040 2C5619060	6	STD 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M5619 2M5619020 2M5619030 2M5619040 2M5619060	6	STD 0.50 0.75 1.00 1.50
	2474	151	2.5 L	4	1982-93	Buick, Chevrolet 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














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
GENERAL MOTORS- Cars												
	2474	151	2.5 L	4	1982-93	Chevrolet, Buick, Oldsmobile, Pontiac 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 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	4366 4366020 4366030 4366040 4366060 2C4366 2C4366020 2C4366030 2C4366040 2C4366060 2M4366 2M4366020 2M4366030 2M4366040 2M4366060	4 4 4	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
	2474	151	2.5 L	4	1981	Chevrolet, Pontiac Fit Brazilian Mahle Piston Shallow Oil Ring Grv.	101.60	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 872 FV CR 732 FV CR 397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	5630 5630020 5630030 5630040 2C5630 2C5630020 2C5630030 2C5630040 2C5630060 2M5630 2M5630020 2M5630030 2M5630040	4 4 4	STD 0.50 0.75 1.00 STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00
	2474	151	2.5 L	4	1978-80	Buick, Chevrolet	101.60	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 397 BF PM S 126 RVT PC GI 860 FV CR 732 FV CR	5570 5570020 5570030 5570040 5570060 2C5570 2C5570020 2C5570030 2C5570040 2C5570060 2M5570 2M5570020 2M5570030 2M5570040 2M5570060 2M5570065	4 4 4	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50 1.63
Vin: K	4933 5735	301 350	4.9 L 5.7 L	8 8	1980-81 1986-89	Pontiac Chevrolet Shallow Oil Ring Grv.	101.60	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 872 FV CR 732 FV CR 397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	5615 5615020 5615030 5615040 5615060 5615080 2C5615 2C5615020 2C5615030 2C5615040 2C5615060 2M5615 2M5615020 2M5615030 2M5615040 2M5615060 2M5615080	8 8 8	STD 0.50 0.75 1.00 1.50 2.00 STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50 2.00

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
GENERAL MOTORS- Cars												
	4933 4950 5277 5360 5735 5980 6391 6555	301 302 322 327 350 365 390 400	4.9 L 5.0 L 5.3 L 5.4 L 5.7 L 6.0 L 6.4 L 6.6 L	8 8 8 8 8 8 8 8	1977-79 1967-70 1953-60 1962-69 1967-85 1956-58 1959-63 1965-67	Pontiac Chevrolet Camaro Rally Pack. 40, 50, 60, 70 Series Buick Chevrolet Chevrolet, Pontiac Cadillac Cadillac Oldsmobile	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
	6080	371	6.1 L	8	1957-60	Oldsmobile	101.60	2.00 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	650	8	STD
Vin: W,X	4293	262	4.3 L	6	1996-97		101.60	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4862 4862020 4862030 4862040 4862060	6	STD 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2M4862 2M4862020 2M4862030 2M4862040 2M4862060	6	STD 0.50 0.75 1.00 1.50
Vin: Z	4293	262	4.3 L	6	1990-95	Chevrolet	101.60	2.00 1.50 4.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4720 4720020 4720030 4720040 4720060	6	STD 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2M4720 2M4720020 2M4720030 2M4720040 2M4720060	6	STD 0.50 0.75 1.00 1.50
Vin: Z	4293	262	4.3 L	6	1988-95	Shallow Oil Ring Grv.	101.60	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4721 4721020 4721030 4721040 4721060	6	STD 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2M4721 2M4721020 2M4721030 2M4721040 2M4721060	6	STD 0.50 0.75 1.00 1.50














ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
GENERAL MOTORS- Cars												
Vin: N,Z	4293	262	4.3 L	6	1985-93	Chevrolet, Pontiac Deep Oil Grv.	101.60	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 871 FV CR 732 FV CR	5712 5712020 5712030 5712040 5712060	6	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 871 FV CR 732 FV CR	2C5712 2C5712020 2C5712030 2C5712040 2C5712060	6	STD 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 871 FV CR 732 FV CR	2M5712 2M5712020 2M5712030 2M5712040 2M5712060	6	STD 0.50 0.75 1.00 1.50
VIN:R Vin: H,N,U	5735 5965	350 364	5.7 L 6.0 L	8 8	1996-02 1999-05	(Vortec) 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	8	STD 0.13 0.25 0.50 0.75 1.00 1.13 1.50
LT1 Vin: P,R,5,7,8	5735	350	5.7 L	8	1990-02	Light Wt. Piston Shallow Oil Ring Grv.	101.60	2.00 1.50 4.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4626 4626005 4626010 4626020 4626030 4626040 4626060	8	STD 0.13 0.25 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2M4626 2M4626005 2M4626010 2M4626020 2M4626025 2M4626030 2M4626035 2M4626040 2M4626060	8	STD 0.13 0.25 0.50 0.63 0.75 0.88 1.00 1.50
LS2, L96	5965	364	6.0 L	8	2005-15	Pontiac GTO, Corvette	101.60	1.20 1.50 2.50	397 BF PM S 126 RVT PC GI 995 FV CR 732 FV CR	2M5170 2M5170005 2M5170010 2M5170020 2M5170030 2M5170040 2M5170060	8	STD 0.13 0.25 0.50 0.75 1.00 1.50














ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE
GENERAL MOTORS- Cars												
	6555	400	6.6 L	8	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
	5735	350	5.7 L	8	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
	3195	195	3.2 L	4	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
	6063 6375	370 389	6.0 L 6.4 L	8 8	1958-66 1958-66	Pontiac 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
LS9, ZK1 Vin: T Supercharged	6162	376	6.2 L	8	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	6195	378	6.2 L	8	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 2M5292010 2M5292020 2M5292030 2M5292040	8	STD 0.25 0.50 0.75 1.00

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
GENERAL MOTORS- Cars												
	6965	425	7.0 L	8	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
	6490 6900	396 421	6.5 L 6.9 L	8 8	1965-69 1963-66	Chevrolet 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
	6555 7014	400 428	6.6 L 7.0 L	8 8	1967-79 1967-77	Pontiac, Oldsmobile Pontiac	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
	5703 5965 6489 6555 6588 6965 7456	348 364 396 400 402 425 455	5.7 L 6.0 L 6.5 L 6.6 L 6.6 L 7.0 L 7.5 L	8 8 8 8 8 8 8	1958-63 1957-61 1970-73 1970-77 1970-73 1965-76 1968-76	Chevrolet All Buick Chevrolet Chevrolet Chevrolet Oldsmobile Oldsmobile	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
	6457	394	6.5 L	8	1959-64	Oldsmobile	104.78	2.00 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	651 651020 651030 651040 651060	8	STD 0.50 0.75 1.00 1.50

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
GENERAL MOTORS- Cars												
LS7 Vin:E OHV	6997	427	7.0 L	8	2006-13	Vortec Corvette ZO6	104.80	1.20 1.20 2.00	397 BF PM S 406 N PC DI 991 FV CR 005 FV CR	2M5129 2M5129010 2M5129020 2M5129030	8	STD 0.25 0.50 0.75
	7030	429	7.0 L	8	1966-67	All Models Cadillac	104.90	1.60 1.60 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	657 657030	8	STD 0.75
	7456	455	7.5 L	8	1970-76	Pontiac	105.43	2.00 1.60 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	643 643030 643040	8	STD 0.75 1.00
	6555 6571 7046	400 401 430	6.6 L 6.6 L 7.0 L	8 8 8	1959-66 1959-66 1967-69	Buick Buick Nailhead Buick	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
	6997 7440	427 454	7.0 L 7.4 L	8 8	1966-69 1970-76	Chevrolet Chevrolet	107.95	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	683 683010 683020 683030 683040 683060 683080 683100	8	STD 0.25 0.50 0.75 1.00 1.50 2.00 2.50
	7735 8194	472 500	7.7 L 8.2 L	8 8	1968-74 1970-76	Cadillac Cadillac	109.22	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	695 695020 695030 695040	8	STD 0.50 0.75 1.00
								2.00 2.00 4.75	327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M643 2M643030 2M643040 2M643060	8	STD 0.75 1.00
								2.00 2.00 4.75	327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M437 2M437030 2M437040	8	STD 0.75 1.00
								2.00 2.00 4.75	363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C683 2C683010 2C683020 2C683030 2C683040 2C683060	8	STD 0.25 0.50 0.75 1.00 1.50
								2.00 2.00 4.75	397 BF PM S 126 RVT PC GI 860 FV CR 732 FV CR	2M683 2M683010 2M683020 2M683030 2M683040 2M683060 2M683070 2M683080 2M683100	8	STD 0.25 0.50 0.75 1.00 1.50 1.75 2.00 2.50
								2.00 2.00 4.75	327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M695 2M695020 2M695030	8	STD 0.50 0.75

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE
GENERAL MOTORS- Cars												
	6702 6965 7456	409 425 455	6.7 L 7.0 L 7.5 L	8 8 8	1962-65 1963-66 1970-76	Chevrolet All Buick Buick	109.54	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	645 645030 645040 645060 2C645 2C645030 2M645 2M645030 2M645040 2M645060	8 8 8	STD 0.75 1.00 1.50 STD 0.75 STD 0.75 1.00 1.50
	6604	403	6.6 L	8	1977-79	Buick, Olds., Pontiac	110.51	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 345 T PM GI 126 RVT PC GI 860 FV CR 732 FV CR	4454 4454010 4454030 4454040 2C4454 2C4454010 2C4454020 2C4454030 2C4454040 2C4454060 2M4454 2M4454020 2M4454030 2M4454040 2M4454060	8 8 8	STD 0.25 0.75 1.00 STD 0.25 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
GENERAL MOTORS-Trucks												
G16, G16K, G16KV Vin: U Suzuki Eng.	1587	97	1.6 L	4	1989-00	GEO Tracker	75.00	1.20 1.50 2.80	398 BF CR S 435 SCRIP 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
G161 Isuzu Eng.	1584	97	1.6 L	4	1973-77	Chevrolet Luv	82.00	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR	4294 4294020 4294030 4294040 4294060 2C4294 2C4294010 2C4294020 2C4294030 2C4294040 2C4294060	4 4	STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
PL820	1584	97	1.6 L	4	1973-82	Chev Luv Fit Brazilian Mahle Piston	82.00	2.00 2.00 4.00	363 BF CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C4826 2C4826020 2C4826030 2C4826040 2C4826060	4	STD 0.50 0.75 1.00 1.50
G180Z Vin: W Isuzu Eng.	1819	111	1.8 L	4	1972-84	Chevrolet Luv	84.00	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	4247 4247020 4247030 4247040 4247060 2C4247 2C4247010 2C4247020 2C4247030 2C4247040 2C4247060	4 4	STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
GENERAL MOTORS-Trucks												
Vin: C Suzuki Eng.	2000	122	2.0 L	4	1999-04	Tracker	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 SCRIP PC GI 987 FV GN SS 714 GN SS	2N4959	4	STD
Isuzu Eng.	1819	111	1.8 L	4	1982-84	Chevrolet	84.07	1.50 1.50 4.00	032 BF PC GI 401 SCRIP PC GI 056 FV CR 732 FV CR	6152 6152020 6152030 6152040	4	STD 0.50 0.75 1.00
									376 BF CR DI 401 SCRIP PC GI 056 FV CR 732 FV CR	2C6152 2C6152020 2C6152030 2C6152040 2C6152060	4	STD 0.50 0.75 1.00 1.50
	1950	119	1.9 L	4	1983-85	GMC	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
	1950	119	1.9 L	4	1982	GMC	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
	2384	145	2.4 L	6	1961-63	Chevrolet	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
16V L4 SOHC	2393	146	2.4 L	4	2004-08	S10 Blazer, Export	87.50	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C4174 2C4174020 2C4174030 2C4174040	4	STD 0.50 0.75 1.00

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET  Set #	CYL SET 	SIZE 
GENERAL MOTORS-Trucks												
LEA ECOTEC LKW ECOTEC DOHC	2384 2457	145 150	2.4 L 2.5 L	4	2012-15 2012-16	Equinox, Denali, Terrain GM Canyon W/ 2mm Oil Grv.	88.00	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C4564 2C4564010 2C4564020 2C4564030	4	STD 0.25 0.50 0.75
	3277	200	3.3 L	6	1978-79	GMC	88.90	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	582 582005 582030 582040 582060	6	STD 0.13 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C582 2C582005	6	STD 0.13
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M582 2M582005 2M582030 2M582040	6	STD 0.13 0.75 1.00
	3540	216	3.5 L	6	1937-53	Chevrolet 4 Ring Piston	88.90	3.18 3.18 4.75 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	6337	6	STD
	3540	216	3.5 L	6	1937-53	GMC - CI Piston 3 Ring Piston	88.90	3.18 3.18 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	133 133030	6	STD 0.75
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C133	6	STD
	4375	267	4.4 L	8	1979-82	GMC	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
	1983	121	2.0 L	4	1983-84	S Series	89.00	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	4705 4705020 4705030 4705040	4	STD 0.50 0.75 1.00
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4705 2C4705020 2C4705030 2C4705040	4	STD 0.50 0.75 1.00
Vin: 1,4,5,L	2000 2196	122 134	2.0 L 2.2 L	4 4	1987-89 1994-03	GMC Shallow Oil Ring Grv.	89.00	1.50 1.50 3.00	397 BF PM S 126 RVT PC GI 872 FV CR 005 FV CR	2M6209 2M6209020 2M6209030 2M6209040 2M6209060	4	STD 0.50 0.75 1.00 1.50














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
GENERAL MOTORS-Trucks												
Vin: P	2000	122	2.0 L	4	1983-86	Chevrolet Deep Oil Ring Grv.	89.00	1.50 1.50 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	4256 4256020 4256030 4256040 4256060	4	STD 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 860 FV CR 732 FV CR	2M4256 2M4256020 2M4256030 2M4256040 2M4256060	4	STD 0.50 0.75 1.00 1.50
	2835	173	2.8 L	6	1985-93	GMC W/ Cast Iron Heads 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
	2835	173	2.8 L	6	1981-84	GMC S15 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
LFW Vin: 5	2982	182	3.0 L	6	2010-12	Flex Fuel	89.00	1.00 1.20 1.50	398 BF CR S 126 RVT PC GI 981 FV CR 005 FV CR	2C5225 2C5225010 2C5225020 2C5225030 2C5225040	6	STD 0.25 0.50 0.75 1.00
Vin: D	3097	189	3.1 L	6	1987-95	GMC W Shallow Oil Ring Grv.	89.00	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4456 4456010 4456020 4456030 4456040 4456060	6	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	2M4456 2M4456010 2M4456020 2M4456030 2M4456040 2M4456060	6	STD 0.25 0.50 0.75 1.00 1.50
	2000	122	2.0 L	4	1984-86	GMC Shallow Oil Ring Grv.	89.00	1.50 1.50 4.75	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	6169 6169020 6169030 6169040 6169060	4	STD 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2M6169 2M6169020 2M6169030 2M6169040 2M6169060	4	STD 0.50 0.75 1.00 1.50

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
GENERAL MOTORS-Trucks												
	2000	122	2.0 L	4	1982-86	GMC 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 397 BF PM S 126 RVT PC GI 860 FV CR 732 FV CR	4408 4408020 4408030 4408040 2M4408 2M4408020 2M4408030 2M4408040	4	STD 0.50 0.75 1.00 STD 0.50 0.75 1.00
	2000	122	2.0 L	4	1982-83	GMC 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 397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	5650 5650020 5650030 5650040 5650060 2M5650 2M5650020 2M5650030 2M5650040 2M5650060	4	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
	3179	194	3.2 L	6	1963-67	GMC	90.49	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	666 666020 666060 2C666 2C666060 2M666 2M666060	6	STD 0.50 1.50 STD 1.50 STD 1.50
	3736	228	3.7 L	6	1950-53	GMC To S/N 228-308565	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
	3736	228	3.7 L	6	1935-50	GMC To S/N 228-308565	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
	3736	228	3.7 L	6	1935-50	GMC	90.49	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	2C5257	6	STD
	3851	235	3.9 L	6	1956-62	GMC-Canada	90.49	2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	136 136020 136030 136040 136080 2C136 2C136030 2C136040	6	STD 0.50 0.75 1.00 2.00 STD 0.75 1.00
	3851	235	3.9 L	6	1953-61	GMC 4 Ring Piston	90.49	2.38 2.38 4.75 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	6338 6338020 6338030 6338040	6	STD 0.50 0.75 1.00

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
GENERAL MOTORS-Trucks												
	3851	235	3.9 L	6	1950-55	GMC-Canada	90.49	2.38 3.18 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	135 135030	6	STD 0.75
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C135 2C135030	6	STD 0.75
Vin: E,F	3392	207	3.4 L	6	2002-09	GMC w/3.00mm oil grv.	92.00	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 054 FV CR 005 FV CR	2C4903 2C4903020 2C4903030 2C4903040	6	STD 0.50 0.75 1.00
Vin: E,F	3392	207	3.4 L	6	1996-03	GMC	92.00	1.20 1.50 4.00	398 BF CR S 126 RVT PC GI 872 FV CR 005 FV CR	2C4893 2C4893020 2C4893030 2C4893040 2C4893060	6	STD 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 872 FV CR 005 FV CR	2M4893 2M4893020 2M4893030 2M4893040	6	STD 0.50 0.75 1.00
	3867 4868	236 286	3.9 L 4.7 L	6		GMC GMC	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
L5 Vin: 6	3460	211	3.5 L	5	2004-06		93.00	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5139 2C5139010 2C5139020 2C5139030 2C5139040	5	STD 0.25 0.50 0.75 1.00
									397 BF PM S 126 RVT PC GI 995 FV CR 732 FV CR	2M5139 2M5139010 2M5139020 2M5139030 2M5139040	5	STD 0.25 0.50 0.75 1.00
Vin: S,X L6 DOHC	4195	256	4.2 L	6	2002-09	GMC w/1.5 2nd grv	93.00	1.20 1.50 2.50	397 BF PM S 126 RVT PC GI 995 FV CR 732 FV CR	2M5227 2M5227010 2M5227020 2M5227030 2M5227040	6	STD 0.25 0.50 0.75 1.00
L6 Vin: S	4195	256	4.2 L	6	2000	GMC w/1.2 2nd grv	93.00	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C4781 2C4781010 2C4781020 2C4781030 2C4781040	6	STD 0.25 0.50 0.75 1.00
									397 BF PM S 126 RVT PC GI 995 FV CR 732 FV CR	2M4781 2M4781010 2M4781020 2M4781030 2M4781040	6	STD 0.25 0.50 0.75 1.00
Vin: 8	2770	169	2.8 L	4	2004-06		93.00	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5137 2C5137020 2C5137030 2C5137040	4	STD 0.50 0.75 1.00














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
GENERAL MOTORS-Trucks												
	4293	262	4.3 L	8	1975-76	Chevrolet	93.24	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5477 5477030	8	STD 0.75
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5477 2C5477030	8	STD 0.75
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M5477 2M5477030	8	STD 0.75
	3300	204	3.3 L	6	1989-93	GMC Shallow Oil Ring Grv.	94.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 005 FV CR	4478 4478020 4478030 4478040	6	STD 0.50 0.75 1.00
									327 BF PM GI 126 RVT PC GI 872 FV CR 005 FV CR	2M4478 2M4478020 2M4478030 2M4478040 2M4478060	6	STD 0.50 0.75 1.00 1.50
Vin: 7, D	3605	220	3.6 L	6	2004-13	GMC	94.00	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5133 2C5133010 2C5133020 2C5133030 2C5133040	6	STD 0.25 0.50 0.75 1.00
									397 BF PM S 126 RVT PC GI 995 FV CR 732 FV CR	2M5133 2M5133010 2M5133020 2M5133030 2M5133040	6	STD 0.25 0.50 0.75 1.00
	4067	248	4.1 L	6	1953-55	GMC	94.46	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	2C5255 2C5255030	6	STD 0.75
	4067	248	4.1 L	6		GMC	94.46	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	2C4400 2C4400030	6	STD 0.75
	4998	305	5.0 L	8	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
									327 BF PM GI 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

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
GENERAL MOTORS-Trucks												
Vin: W Vin: M	4343 4998	265 305	4.3 L 5.0 L	8 8	1994-96 1993-02	Chevrolet, GMC 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 397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	4742 4742010 4742020 4742030 4742040 4742060 2M4742 2M4742010 2M4742020 2M4742030 2M4742040 2M4742060	8 8	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
	3753	229	3.8 L	6	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 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	5617 5617010 5617020 5617030 5617040 5617060 2C5617 2C5617010 2C5617020 2C5617030 2C5617040 2C5617060 2M5617 2M5617010 2M5617020 2M5617030 2M5617040 2M5617060	6 6	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
	4277	261	4.3 L	6	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 363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	137 137030 2C137	6 6	STD 0.75 STD
	4343 4703	265 288	4.3 L 4.7 L	8 8	1955-57 1955	Chevrolet GMC-Canada	95.25	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	568 568010 568020 568030 568040 568060 568080 568100 2C568 2C568010 2C568020 2C568030 2C568040 2C568060 2M568 2M568010 2M568020 2M568030 2M568040 2M568060 2M568080 2M568100	8 8 8	STD 0.25 0.50 0.75 1.00 1.50 2.00 2.50 STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50 2.00 2.50
Vin: 9 DOHC	2900	177	2.9 L	4	2007-12		95.50	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5236 2C5236020 2C5236030 2C5236040	4	STD 0.50 0.75 1.00

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
GENERAL MOTORS-Trucks												
L5 Vin: E DOHC	3654	223	3.7 L	5	2007-12	Hummer H3, H3T	95.50	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5215 2C5215020 2C5215030 2C5215040	5	STD 0.50 0.75 1.00
Vin: A,C,V,O,7,4 LC9, LS4 Vin: 0,3,4 B,C,J, L,M,P,T,Z	4818 5293	294 323	4.8 L 5.3 L	8 8	1999-15 1999-13	FLEX Shallow Top Grv.	96.00	1.50 1.50 3.00	397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2M4978 2M4978010 2M4978020 2M4978030 2M4978040 2M4978060	8	STD 0.25 0.50 0.75 1.00 1.50
L83 Vin: C OHV FLEX/GAS	5293	323	5.3 L	8	2014-17	ECOTEC 3 Tahoe, Suburban	96.00	1.20 1.50 2.50	397 BF PM S 126 RVT PC GI 934 FV CR 5 FV CR	2M5380 2M5380020	8	STD 0.50
	3800	231	3.8 L	6	1987-95	Chevrolet, GMC Shallow Oil Ring Grv.	96.50	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 872 FV CR 732 FV CR	4458 4458020 4458030 4458040 4458060 2M4458 2M4458020 2M4458030 2M4458040 2M4458060	6 6	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
	3785	231	3.8 L	6	1985-86	Chevrolet, GMC Deep Oil Ring Grv.	96.52	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	5474 5474020 5474030 5474040 5474060 2C5474 2C5474010 2C5474020 2C5474030 2C5474040 2C5474060 2M5474 2M5474020 2M5474030 2M5474040 2M5474060	6 6 6	STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
	2507	153	2.5 L	4	1963-70	GMC	98.43	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	665 665010 665020 665030 665040 665060 2C665 2C665010 2C665020 2C665030 2C665040 2C665060 2M665 2M665010 2M665020 2M665030 2M665040 2M665060 2M665080	4 4 4	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50 2.00














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-Trucks												
	3770 4097	230 250	3.8 L 4.1 L	6 6	1963-69 1963-84	GMC Chevy, GMC	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
	4640 5030 5309 5506	283 307 324 336	4.6 L 5.0 L 5.3 L 5.5 L	8 8 8 8	1957-67 1968-73 1955-56 1958-59	GMC GMC GMC GMC To S/N 33635001	98.43	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	660 660010 660020 660030 660040 660060 660080	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	2M660 2M660010 2M660020	8	STD 0.25 0.50
	4785	292	4.8 L	6	1963-89	Chevy, GMC	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
	4785	292	4.8 L	6		Chev., GMC Fits Brazilian Mahle Piston	98.43	2.38 2.38 4.75	363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4840	6	STD
LZG (gas), LZE (flex-fuel) Vin: N,R,W,1,3	3900	238	3.9 L	6	2004-11		99.00	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5270 2C5270020 2C5270030 2C5270040	6	STD 0.50 0.75 1.00
	5180 5686	316 347	5.2 L 5.7 L	8 8	1955-56 1957	GMC GMC	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

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

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
GENERAL MOTORS-Trucks												
	2474	151	2.5 L	4	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 362 BF 3CR GI 126 RVT PC GI 872 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 872 FV CR 732 FV CR	5663 5663020 5663030 5663040 5663060 2C5663 2C5663020 2C5663030 2C5663040 2C5663060 2M5663 2M5663020 2M5663030 2M5663040 2M5663060	4 4 4	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
	2474	151	2.5 L	4	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 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	4366 4366020 4366030 4366040 4366060 2C4366 2C4366020 2C4366030 2C4366040 2C4366060 2M4366 2M4366020 2M4366030 2M4366040 2M4366060	4 4 4	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
	4949	302	4.9 L	6	1952-59	GMC	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	2C5209 2C5209060	6	STD 1.50
	5276 5358 5440 5735	322 327 332 350	5.3 L 5.4 L 5.4 L 5.7 L	8 8 8 8	1956-60 1962-68 1968-89	Chevrolet GMC GMC-Canada GMC 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 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 397 BF PM S 126 RVT PC GI 860 FV CR 732 FV CR	139 139010 139020 139030 139040 139060 139070 139080 139100 2C139 2C139010 2C139020 2C139030 2C139040 2C139060 2C139070 2C139080 2M139 2M139005 2M139010 2M139020 2M139030 2M139040 2M139060 2M139070 2M139080 2M139100	8 8 8	STD 0.25 0.50 0.75 1.00 1.50 1.75 2.00 2.50 STD 0.25 0.50 0.75 1.00 1.50 1.75 2.00 2.50 STD 0.13 0.25 0.50 0.75 1.00 1.50 1.75 2.00 2.50

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
GENERAL MOTORS-Trucks												
Vin: K	5735	350	5.7 L	8	1987-96	GMC Shallow Oil Ring Grv.	101.60	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	5615 5615020 5615030 5615040 5615060 5615080	8	STD 0.50 0.75 1.00 1.50 2.00
									362 BF 3CR GI 126 RVT PC GI 872 FV CR 732 FV CR	2C5615 2C5615020 2C5615030 2C5615040 2C5615060	8	STD 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2M5615 2M5615020 2M5615030 2M5615040 2M5615060 2M5615080	8	STD 0.50 0.75 1.00 1.50 2.00
	6063	370	6.1 L	8	1957-59	GMC	101.60	2.00 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	577 577020 577030 577040 577060	8	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C577 2C577020 2C577030 2C577040 2C577060	8	STD 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 860 FV CR 732 FV CR	2M577 2M577020 2M577030 2M577040 2M577060	8	STD 0.50 0.75 1.00 1.50
Vin: W,X	4293	262	4.3 L	6	1996-13		101.60	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4862 4862020 4862030 4862040 4862060	6	STD 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2M4862 2M4862020 2M4862030 2M4862040 2M4862060	6	STD 0.50 0.75 1.00 1.50
	4293	262	4.3 L	6	1990-95		101.60	2.00 1.50 4.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4720 4720020 4720030 4720040 4720060	6	STD 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2M4720 2M4720020 2M4720030 2M4720040 2M4720060	6	STD 0.50 0.75 1.00 1.50
Vin: Z	4293	262	4.3 L	6	1988-95	Shallow Oil Ring Grv.	101.60	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4721 4721020 4721030 4721040 4721060	6	STD 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2M4721 2M4721020 2M4721030 2M4721040 2M4721060	6	STD 0.50 0.75 1.00 1.50

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE
GENERAL MOTORS-Trucks												
Vin: Z	4293	262	4.3 L	6	1985-94	Chevrolet Deep Oil Grv.	101.60	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 871 FV CR 732 FV CR	5712 5712020 5712030 5712040 5712060	6	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 871 FV CR 732 FV CR	2C5712 2C5712020 2C5712030 2C5712040 2C5712060	6	STD 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 871 FV CR 732 FV CR	2M5712 2M5712020 2M5712030 2M5712040 2M5712060	6	STD 0.50 0.75 1.00 1.50
Vin: H,N,U	5735 5965	350 364	5.7 L 6.0 L	8 8	1996-00 1999-06	(Vortec) 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	8	STD 0.13 0.25 0.50 0.75 1.00 1.13 1.50
Vin: R	5735	350	5.7 L	8	1990-02	Light Wt. Piston Shallow Oil Ring Grv.	101.60	2.00 1.50 4.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4626 4626005 4626010 4626020 4626030 4626040 4626060	8	STD 0.13 0.25 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2M4626 2M4626005 2M4626010 2M4626020 2M4626025 2M4626030 2M4626035 2M4626040 2M4626060	8	STD 0.13 0.25 0.50 0.63 0.75 0.88 1.00 1.50
LS2, L96 LC8, LZ1 Vin: B, G, H, K, U, Y, Z, 5, 8	5965	364	6.0 L	8	2005-15	GMC fuel type CNG,FLEX, GAS, Electric/Gas	101.60	1.20 1.50 2.50	397 BF PM S 126 RVT PC GI 995 FV CR 732 FV CR	2M5170 2M5170005 2M5170010 2M5170020 2M5170030 2M5170040 2M5170060	8	STD 0.13 0.25 0.50 0.75 1.00 1.50
Vin: F,S,Y	6473	395	6.5 L	8	1992-06	GMC Diesel Eng Incl Turbo 2nd ring gap .029 - .039	103.00	3.00 2.00 4.00	378 FKST BF CC DI 130 RVT PC GI 553 CF CR GI 881 2PCO	2D4744 2D474450 2D474475 2D4744100 2D4744150	8	STD 0.50 0.75 1.00 1.50
VIN:1,2,3,8,D,L OHV	6603	403	6.6 L	8	2001-15	V8 32V Duramax Diesel Eng	103.00	3.00 2.00 3.00	259 FKST BF GN SS 257 TF CR DI 203 CF GN SS 881 2PCO	2D4845 2D484550 2D4845100	8	STD 0.50 1.00

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
GENERAL MOTORS-Trucks												
LS9, ZK1 Vin: T Supercharged	6162	376	6.2 L	8	2009-11	Denali, Escalade, Yukon	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, L9H(Flex Fuel), L92, L99 Vin: 2, 8, R, W OHV	6195	378	6.2 L	8	2007-17	Escalade, Sierra, Yukon	103.25	1.50 1.50 2.50	336 T PM DI 406 N PC DI 985 FV CR 732 FV CR	2M5292 2M5292010 2M5292020 2M5292030 2M5292040	8	STD 0.25 0.50 0.75 1.00
	6490	396	6.5 L	8	1966-69	GMC	103.98	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	641 641030 641040 641060 2M641 2M641030 2M641040 2M641060	8	STD 0.75 1.00 1.50 STD 0.75 1.00 1.50
	5703 6555 6588 7456	348 400 402 455	5.7 L 6.6 L 6.6 L 7.5 L	8 8 8 8	1958-65 1974-80 1970-72	GMC-Canada GMC GMC GMC	104.78	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	661 661010 661020 661030 661040 661060 2C661 2C661040 2M661 2M661010 2M661020 2M661030 2M661040 2M661060	8	STD 0.25 0.50 0.75 1.00 1.50 STD 1.00 STD 0.25 0.50 0.75 1.00 1.50
	5900	360	5.9 L	6	1969-76	GMC	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
	4998	305	5.0 L	6	1960-72	GMC 3 Ring Piston	107.95	2.38 2.38 4.75	363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6395	6	STD
Vin: A, B, C, D	4998	305	5.0 L	6	1960-75	GMC 4 Ring Piston	107.95	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 363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6308 2C6308	6	STD STD

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
GENERAL MOTORS-Trucks												
	6997	427	7.0 L	8	1995-98	GMC Shallow Oil Ring Grv.	107.95	2.00 2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4929 4929010 4929020 4929030 4929040 4929060	8	STD 0.25 0.50 0.75 1.00 1.50
									363 BF CR GI 126 RVT PC GI 126 RVT PC GI 872 FV CR 732 FV CR	2C4929 2C4929010 2C4929020 2C4929030 2C4929040 2C4929060	8	STD 0.25 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 126 RVT PC GI 872 FV CR 732 FV CR	2M4929 2M4929010 2M4929020 2M4929030 2M4929040 2M4929060	8	STD 0.25 0.50 0.75 1.00 1.50
	6997 7440	427 454	7.0 L 7.4 L	8 8	1968-94 1970-90	GMC GMC	107.95	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	6606 6606060	8	STD 1.50
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6606 2C6606020 2C6606030 2C6606040 2C6606060	8	STD 0.50 0.75 1.00 1.50
									345 T PM GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2M6606 2M6606020 2M6606030 2M6606040 2M6606060	8	STD 0.50 0.75 1.00 1.50
Vin: B, J, N	7440	454	7.4 L	8	1991-00	GMC Shallow Oil Ring Grv.	107.95	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4718 4718010 4718020 4718030 4718040 4718060	8	STD 0.25 0.50 0.75 1.00 1.50
									363 BF CR GI 126 RVT PC GI 872 FV CR 732 FV CR	2C4718 2C4718010 2C4718020 2C4718030 2C4718040 2C4718060	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	2M4718 2M4718010 2M4718020 2M4718030 2M4718040 2M4718060	8	STD 0.25 0.50 0.75 1.00 1.50

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE
GENERAL MOTORS-Trucks												
	7440	454	7.4 L	8	1971-90	GMC Deep Oil Ring Grv.	107.95	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	683 683010 683020 683030 683040 683060 683080 683100	8	STD 0.25 0.50 0.75 1.00 1.50 2.00 2.50
									363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C683 2C683010 2C683020 2C683030 2C683040 2C683060	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	2M683 2M683010 2M683020 2M683030 2M683040 2M683060 2M683070 2M683080 2M683100	8	STD 0.25 0.50 0.75 1.00 1.50 1.75 2.00 2.50
Vin: G,K,L,M	8128	496	8.1 L	8	2001-07	GMC V-8	107.95	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	5085 5085010 5085020 5085030 5085040 5085060	8	STD 0.25 0.50 0.75 1.00 1.50
									363 BF CR GI 126 RVT PC GI 872 FV CR 732 FV CR	2C5085 2C5085020 2C5085030 2C5085040 2C5085060	8	STD 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2M5085 2M5085010 2M5085020 2M5085030 2M5085040 2M5085060	8	STD 0.25 0.50 0.75 1.00 1.50
	6702	409	6.7 L	8	1962-65	GMC	109.54	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	645 645030 645040 645060	8	STD 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C645 2C645030	8	STD 0.75
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M645 2M645030 2M645040 2M645060	8	STD 0.75 1.00 1.50
	8226	502	8.2 L	8	1988-95	H.O.	113.47	2.00 1.50 4.00	336 T PM DI 126 RVT PC GI 872 FV CR 732 FV CR	2M4727 2M4727005 2M4727030 2M4727060	8	STD 0.13 0.75 1.50
	8600	525	8.6 L	6		GMC	114.30	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	2C4056	6	STD

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
GENERAL MOTORS-Performance												
	4998	305	5.0 L	8		Buick, Chev., Pont. Low Tension Oil Ring	94.89	2.00 2.00 4.75	336 T PM DI 126 RVT PC GI 621 FV CR 732 FV CR	2M5548 2M5548045	8	STD 1.13
	4998	305	5.0 L	8		Buick, Chev., Pont.	94.89	1.60 1.60 4.75	336 T PM DI 126 RVT PC GI 622 FV CR 732 FV CR	2M5567 2M5567035	8	STD 0.88
Vortec 4800 Vortec 5300 LS Engine	4800 5328	293 325	4.8 L 5.3 L	8 8	2005-On 2005-On	Chevrolet Chevrolet Steel Moly Top Ring 2nd ring Martensitic Ductile Napier	96.01	1.50 1.50 3.00	397 BF PM S 406 N PC DI 872 FV CR 732 FV CR	SM8531 SM8531005 SM8531035 SM8531045 SM8531065	8	STD
	4638 5031	283 307	4.6 L 5.0 L	8 8		Chevrolet	98.43	1.60 1.60 3.18	336 T PM DI 126 RVT PC GI 622 FV CR 732 FV CR	2M5522 2M5522065	8	STD 1.63
LS1	5665	346	5.7 L	8	1999-05	Chevrolet SS Nitrided Top Ring 2nd ring Martensitic Ductile Napier	99.01	1.20 1.20 3.00	322 BF GN SS 406 N PC DI 642 FV CR 732 FV CR	SN9035 SN9035007	8	STD 0.18
LS1	5665	346	5.7 L	8	1999-05	Chevrolet SS Nitrided Top Ring 2nd ring Martensitic Ductile Napier	99.01	1.20 1.50 3.00	322 BF GN SS 406 N PC DI 642 FV CR 732 FV CR	SN9055 SN9055007	8	STD 0.18
LS1	5665	346	5.7 L	8	1999-05	Chevrolet Steel Moly Top Ring 2nd ring Martensitic Ductile Napier	99.01	1.50 1.50 3.00	397 BF PM S 406 N PC DI 642 FV CR 732 FV CR	SM8555 SM8555007	8	STD 0.18
	2540	155	2.5 L	4		Chevrolet Chevrolet	101.60	2.00 2.00 4.75	336 T PM DI 126 RVT PC GI 622 FV CR 732 FV CR	2M5502 2M5502020 2M5502030 2M5502060	4	STD 0.50 0.75 1.50
	4949 5359 5735	302 327 350	4.9 L 5.4 L 5.7 L	8 8 8		1/8" Oil Rings w/napier 2nd ring	101.60	1.60 1.60 3.18	336 T PM DI 406 N PC DI 622 FV CR 732 FV CR	2M8571 2M8571005 2M8571030 2M8571035 2M8571045 2M8571065	8	STD 0.13 0.75 0.88 1.13 1.63
	4949 5359 5735	302 327 350	4.9 L 5.4 L 5.7 L	8 8 8		Chry. Racing Piston	101.60	1.60 1.60 3.18	336 T PM DI 126 RVT PC GI 622 FV CR 732 FV CR	2M5521 2M5521005 2M5521010 2M5521020 2M5521025 2M5521030 2M5521035 2M5521040 2M5521045 2M5521060 2M5521065	8	STD 0.13 0.25 0.50 0.63 0.75 0.88 1.00 1.13 1.50 1.63
	4949 5359 5735	302 327 350	4.9 L 5.4 L 5.7 L	8 8 8		w/Napier 2nd ring	101.60	1.60 1.60 4.75	336 T PM DI 406 N PC DI 622 FV CR 732 FV CR	2M8542 2M8542005 2M8542030 2M8542035 2M8542040 2M8542045 2M8542060 2M8542065	8	STD 0.13 0.75 0.88 1.00 1.13 1.50 1.63
	4949 5359 5735	302 327 350	4.9 L 5.4 L 5.7 L	8 8 8			101.60	1.60 1.60 4.75	336 T PM DI 126 RVT PC GI 622 FV CR 732 FV CR	2M5523 2M5523005 2M5523010 2M5523020 2M5523025 2M5523030 2M5523035 2M5523040 2M5523045 2M5523060 2M5523065 2M5523080	8	STD 0.13 0.25 0.50 0.63 0.75 0.88 1.00 1.13 1.50 1.63 2.00

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
GENERAL MOTORS-Performance												
	4949 5359 5735	302 327 350	4.9 L 5.4 L 5.7 L	8 8 8		Low Tension Oil Ring	101.60	1.60 1.60 4.75	336 T PM DI 126 RVT PC GI 621 FV CR 732 FV CR	2M5505 2M5505030 2M5505035 2M5505040 2M5505045 2M5505060 2M5505065	8	STD 0.75 0.88 1.00 1.13 1.50 1.63
	4949 5359 5735	302 327 350	4.9 L 5.4 L 5.7 L	8 8 8		Napier 2nd ring Low Tension Oil Ring	101.60	1.60 1.60 4.75	336 T PM DI 406 N PC DI 621 FV CR 732 FV CR	2M8543 2M8543030 2M8543035 2M8543040 2M8543045 2M8543060 2M8543065	8	STD 0.75 0.88 1.00 1.13 1.50 1.63
	4949 5359 5883	302 327 359	4.9 L 5.4 L 5.9 L	8 8 8		3.0MM Oil Ring	101.60	1.60 1.60 3.00	336 T PM DI 126 RVT PC GI 621 FV CR 005 FV CR	2M5538 2M5538005 2M5538010 2M5538020 2M5538025 2M5538030 2M5538035 2M5538040 2M5538045 2M5538060 2M5538065 2M5538075 2M5538085	8	STD 0.13 0.25 0.50 0.63 0.75 0.88 1.00 1.13 1.50 1.63 1.88 2.13
	4949 5359 5735	302 327 350	4.9 L 5.4 L 5.7 L	8		Steel Moly top rings	101.60	1.10 1.60 4.75	395 T PM S 126 RVT PC GI 622 FV CR 732 FV CR	SM8527 SM8527005 SM8527025 SM8527035 SM8527045 SM8527065 SM8527080	8	STD 0.13 0.63 0.88 1.13 1.63 2.00
	4949 5359 5735	302 327 350	4.9 L 5.4 L 5.7 L	8		Steel Moly top rings Low Tension Oil Ring	101.60	1.10 1.60 4.75	395 T PM S 126 RVT PC GI 621 FV CR 732 FV CR	SM8537 SM8537035 SM8537045 SM8537065 SM8537080	8	STD 0.88 1.13 1.63 2.00
	4949 5359 5735 5981 6391 6555	302 327 350 365 390 400	4.9 L 5.4 L 5.7 L 6.0 L 6.4 L 6.6 L	8 8 8 8 8 8	1967-68 1962-69 1966-75 1956-63 1956-63 1966-67	Chevrolet Chevrolet Chevrolet Cadillac Cadillac Oldsmobile	101.60	2.00 2.00 4.75	336 T PM DI 126 RVT PC GI 622 FV CR 732 FV CR	2M5508 2M5508005 2M5508020 2M5508025 2M5508030 2M5508035 2M5508040 2M5508045 2M5508060 2M5508065	8	STD 0.13 0.50 0.63 0.75 0.88 1.00 1.13 1.50 1.63
	5047 5359 5735 5981 6391 6555	308 327 350 365 390 400	5.0 L 5.4 L 5.7 L 6.0 L 6.4 L 6.6 L	8 8 8 8 8 8	1967-68 1962-69 1966-75 1956-63 1956-63 1965-67	Chevrolet Chevrolet Chevrolet Cadillac Cadillac Oldsmobile Low Tension Oil Ring	101.60	2.00 2.00 4.75	336 T PM DI 126 RVT PC GI 621 FV CR 732 FV CR	2M5504 2M5504030 2M5504040 2M5504045	8	STD 0.75 1.00 1.13
	5359 5735	327 350	5.4 L 5.7 L	8 8		Steel Moly top rings	101.60	1.10 1.10 3.00	395 T PM S 610 RVT PC GI 621 FV CR 005 FV CR	SM5587 SM5587030 SM5587035 SM5587040 SM5587045 SM5587060 SM5587065	8	STD 0.75 0.88 1.00 1.13 1.50 1.63

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
GENERAL MOTORS-Performance												
	5359 5735	327 350	5.4 L 5.7 L	8 8		Steel Moly top ring w/napier 2nd ring	101.60	1.10 1.10 3.00	395 T PM S 406 N PC DI 621 FV CR 005 FV CR	SM8556 SM8556005 SM8556025 SM8556035 SM8556045 SM8556055 SM8556060 SM8556065 SM8556070	8	STD 0.13 0.63 0.88 1.13 1.38 1.50 1.63 1.75
	5359 5735	327 350	5.4 L 5.7 L	8 8		Chevrolet Napier ductile iron 2nd ring w/1.5 Comp & 3.0mm Oil	101.60	1.50 1.50 3.00	336 T PM DI 406 N PC DI 621 FV CR 732 FV CR	2M8521 2M8521005 2M8521035 2M8521045 2M8521065	8	STD 0.13 0.88 1.13 1.63
LS, LS2 LS, LS3, LSA	5967 6162	364 376	6.0 L 6.2 L	8 8	2005-On 2005-On	Chevrolet Chevrolet SS Nitrided Top Ring 2nd ring Martensitic Ductile Napier	101.60	1.20 1.20 3.00	322 BF GN SS 406 N PC DI 642 FV CR 732 FV CR	SN9045 SN9045005 SN9045010 SN9045020 SN9045025 SN9045030 SN9045035 SN9045040 SN9045045 SN9045050 SN9045055 SN9045060 SN9045065 SN9045070 SN9045080 SN9045100 SN9045120	8	STD 0.13 0.25 0.50 0.63 0.75 0.88 1.00 1.13 1.27 1.40 1.50 1.63 1.78 2.00 2.50 3.05
LS, LS2 LS, LS3, LSA	5967 6162	364 376	6.0 L 6.2 L	8 8	2005-On 2005-On	Chevrolet Chevrolet SS Nitrided Top Ring 2nd ring Martensitic Ductile Napier	101.60	1.20 1.50 3.00	322 BF GN SS 406 N PC DI 642 FV CR 732 FV CR	SN9065 SN9065005 SN9065025 SN9065030 SN9065035 SN9065040 SN9065045 SN9065055 SN9065060 SN9065065 SN9065070 SN9065080 SN9065100 SN9065120	8	STD 0.13 0.63 0.75 0.88 1.00 1.13 1.27 1.40 1.50 1.78 2.00 2.50 3.05
LS, LS2 LS, LS3, LSA	5967 6162	364 376	6.0 L 6.2 L	8 8	2005-On 2005-On	Chevrolet Chevrolet Steel Moly Top Ring 2nd ring Martensitic Ductile Napier	101.60	1.50 1.50 3.00	397 BF PM S 406 N PC DI 642 FV CR 732 FV CR	SM8565 SM8565005 SM8565025 SM8565030 SM8565035 SM8565040 SM8565045 SM8565055 SM8565060 SM8565065 SM8565070 SM8565080 SM8565100 SM8565120	8	STD 0.13 0.63 0.75 0.88 1.00 1.13 1.27 1.40 1.50 1.78 2.00 2.50 3.05
	5359 5735	327 350	5.4 L 5.7 L	8		Chevrolet w/1.5 Comp & 3.0mm Oil	101.60	1.50 1.50 3.00	336 T PM DI 126 RVT PC GI 621 FV CR 732 FV CR	2M5540 2M5540005 2M5540025 2M5540030 2M5540035 2M5540040 2M5540045 2M5540060 2M5540065 2M5540085	8	STD 0.13 0.63 0.75 0.88 1.00 1.13 1.50 1.63 2.13

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
GENERAL MOTORS-Performance												
	6063 6375	370 389	6.1 L 6.4 L	8 8	1959-66 1959-66	Pontiac Pontiac	103.19	2.00 2.00 4.75	336 T PM DI 126 RVT PC GI 622 FV CR 732 FV CR	2M5511 2M5511035	8	STD 0.88
	6489 6899	396 421	6.5 L 6.9 L	8 8	1965-69 1963-66	Chevrolet Pontiac	103.98	2.00 2.00 4.75	336 T PM DI 126 RVT PC GI 622 FV CR 732 FV CR	2M5512 2M5512030 2M5512060	8	STD 0.75 1.50
	6555 7014	400 428	6.6 L 7.0 L	8 8		GM/KB Piston	104.65	1.60 1.60 4.75	336 T PM DI 126 RVT PC GI 860 FV CR 732 FV CR	2M5590 2M5590035 2M5590045 2M5590065	8	STD 0.88 1.13 1.63
LS7	7011	427	7.0 L	8	2006-18	Chevrolet SS Nitrided Top Ring 2nd ring Martensitic Ductile Napier	104.78	1.20 1.20 3.00	322 BF GN SS 406 N PC DI 642 FV CR 732 FV CR	SN9050 SN9050010 SN9050020 SN9050030 SN9050040 SN9050060	8	STD
	5703 6489 6555 6588 6965 7456	348 396 400 402 425 455	5.7 L 6.5 L 6.6 L 6.6 L 7.0 L 7.5 L	8 8 8 8 8 8	1958-61 1970-75 1970-75 1970-75 1965-67 1968-75	Chevrolet Chevrolet Chevrolet Chevrolet Oldsmobile Oldsmobile	104.78	2.00 2.00 4.75	336 T PM DI 126 RVT PC GI 860 FV CR 732 FV CR	2M5513 2M5513005 2M5513025 2M5513030 2M5513035 2M5513040 2M5513045 2M5513060 2M5513065	8	STD 0.13 0.63 0.75 0.88 1.00 1.13 1.50 1.63
	6555 6588	400 402	6.6 L 6.6 L	8 8		Chevrolet w/napier 2nd ring Low Tension Oil Ring	104.78	1.60 1.60 4.75	336 T PM DI 406 N PC DI 621 FV CR 732 FV CR	2M8559 2M8559005 2M8559030 2M8559035 2M8559040 2M8559045 2M8559060 2M8559065	8	STD 0.13 0.75 0.88 1.00 1.13 1.50 1.63
	6555 6588	400 402	6.6 L 6.6 L	8 8		Chevrolet Steel Moly top rings Low Tension Oil Ring	104.78	1.10 1.60 4.75	395 T PM S 126 RVT PC GI 621 FV CR 732 FV CR	SM8557 SM8557005 SM8557030 SM8557035 SM8557040 SM8557045 SM8557060	8	STD 0.13 0.75 0.88 1.00 1.13 1.50
	6555 6588	400 402	6.6 L 6.6 L	8 8		Chevrolet w/napier 2nd ring	104.78	1.60 1.60 4.75	336 T PM DI 406 N PC DI 860 FV CR 732 FV CR	2M8552 2M8552005 2M8552010 2M8552020 2M8552025 2M8552030 2M8552035 2M8552040 2M8552045 2M8552060 2M8552065	8	STD 0.13 0.25 0.50 0.63 0.75 0.88 1.00 1.13 1.50 1.63
	6555 6588	400 402	6.6 L 6.6 L	8 8		Chevrolet w/1.5mm Comp ring 3.0mm Oil Ring	104.78	1.50 1.50 3.00	336 T PM DI 126 RVT PC GI 621 FV CR 005 FV CR	2M5581 2M5581005 2M5581015 2M5581030 2M5581040 2M5581045 2M5581065	8	STD 0.13 0.38 0.75 1.00 1.13 1.63
	6555 6588	400 402	6.6 L 6.6 L	8 8		Chevrolet Napier 2nd ring w/1.5mm Comp Ring 3.00mm Oil Ring	104.78	1.50 1.50 3.00	336 T PM DI 406 N PC DI 621 FV CR 005 FV CR	2M8505 2M8505005 2M8505035 2M8505045 2M8505065	8	STD 0.13 0.88 1.13 1.63
	6555	400	6.6 L	8	1970-77	small block	104.78	1.60 1.60 3.18	336 T PM DI 126 RVT PC GI 860 FV CR 732 FV CR	2M5501 2M5501005 2M5501030 2M5501035	8	STD 0.13 0.75 0.88

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
GENERAL MOTORS-Performance												
	6555 6588	400 402	6.6 L 6.6 L	8 8		Steel Moly top rings	104.78	1.10 1.10 3.00	395 T PM S 126 RVT PC GI 621 FV CR 005 FV CR	SM5593 SM5593005 SM5593060	8	STD 0.13 1.50
	6555 6588	400 402	6.6 L 6.6 L	8 8		w/napier 2nd ring	104.78	1.10 1.10 3.00	395 T PM S 406 N PC DI 621 FV CR 005 FV CR	SM8550 SM8550005 SM8550010 SM8550015 SM8550025 SM8550035 SM8550045	8	STD 0.13 0.25 0.38 0.63 0.88 1.13
	6555 6588	400 402	6.6 L 6.6 L	8 8		Steel Moly top rings	104.78	1.10 1.60 4.75	395 T PM S 126 RVT PC GI 860 FV CR 732 FV CR	SM8547 SM8547005 SM8547020 SM8547025 SM8547030 SM8547035 SM8547040 SM8547045 SM8547060	8	STD 0.13 0.50 0.63 0.75 0.88 1.00 1.13 1.50
	6555 6588	400 402	6.6 L 6.6 L	8 8	1970-75 1970-75	TRW Piston Chevrolet	104.78	1.60 1.60 4.75	336 T PM DI 126 RVT PC GI 860 FV CR 732 FV CR	2M5529 2M5529005 2M5529010 2M5529020 2M5529025 2M5529030 2M5529035 2M5529040 2M5529045 2M5529060 2M5529065	8	STD 0.13 0.25 0.50 0.63 0.75 0.88 1.00 1.13 1.50 1.63
	6555 6588	400 402	6.6 L 6.6 L	8 8		TRW Piston Chevrolet Low Tension Oil Ring	104.78	1.60 1.60 4.75	336 T PM DI 126 RVT PC GI 621 FV CR 732 FV CR	2M5510 2M5510005 2M5510030 2M5510035 2M5510040 2M5510045 2M5510060	8	STD 0.13 0.75 0.88 1.00 1.13 1.50
	6555 6588	400 402	6.6 L 6.6 L	8 8		Chevrolet 3.0MM Oil Ring	104.78	1.60 1.60 3.00	336 T PM DI 126 RVT PC GI 621 FV CR 005 FV CR	2M5539 2M5539005 2M5539010 2M5539030 2M5539035 2M5539040	8	STD 0.13 0.25 0.75 0.88 1.00
	6555 6571 6997 7046	400 401 427 430	6.6 L 6.6 L 7.0 L 7.0 L	8 8 8 8	1959-66 1959-66 1966-70 1967-69	Buick Buick Chevrolet Buick	107.95	2.00 2.00 4.75	336 T PM DI 126 RVT PC GI 622 FV CR 732 FV CR	2M5518 2M5518005 2M5518030 2M5518035 2M5518040 2M5518060 2M5518065	8	STD 0.13 0.75 0.88 1.00 1.50 1.63
	6555 6571 6997 7046	400 401 427 430	6.6 L 6.6 L 7.0 L 7.0 L	8 8 8 8	1959-66 1959-66 1966-70 1967-69	Buick Buick Chevrolet Buick	107.95	2.00 2.00 4.75	336 T PM DI 126 RVT PC GI 621 FV CR 732 FV CR	2M5514 2M5514030 2M5514060	8	STD 0.75 1.50
	6997 7440	427 454	7.0 L 7.4 L	8 8	1966-75 1966-75	Performance Chevrolet	107.95	1.60 1.60 4.75	336 T PM DI 126 RVT PC GI 622 FV CR 732 FV CR	2M5519 2M5519005 2M5519030 2M5519035 2M5519040 2M5519060 2M5519065 2M5519125	8	STD 0.13 0.75 0.88 1.00 1.50 1.63 3.13

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
GENERAL MOTORS-Performance												
	6997 7440	427 454	7.0 L 7.4 L	8 8		Performance Chevrolet w/napier 2nd ring	107.95	1.60 1.60 4.75	336 T PM DI 406 N PC DI 622 FV CR 732 FV CR	2M8562 2M8562005 2M8562030 2M8562035 2M8562040 2M8562060 2M8562065 2M8562125	8	STD 0.13 0.75 0.88 1.00 1.50 1.63 3.13
	6997 7440	427 454	7.0 L 7.4 L	8 8		Performance Chevrolet w/1.5mm Comp & 3.0mm Oil	107.95	1.50 1.50 3.00	336 T PM DI 126 RVT PC GI 872 FV CR 005 FV CR	2M8569 2M8569030	8	STD 0.75
	6997 7440	427 454	7.0 L 7.4 L	8 8		Performance Chevrolet w/napier 2nd ring	107.95	1.50 1.50 3.00	336 T PM DI 406 N PC DI 872 FV CR 005 FV CR	2M8510 2M8510005 2M8510035	8	STD 0.13 0.88
	6997 7440	427 454	7.0 L 7.4 L	8 8		Performance Chevrolet Steel Moly top rings	107.95	1.10 1.10 3.00	395 T PM S 406 N PC DI 872 FV CR 005 FV CR	SM5597 SM5597035	8	STD 0.88
	6997 7440	427 454	7.0 L 7.4 L	8 8		Performance Chevrolet Steel Moly top rings	107.95	1.10 1.60 4.75	395 T PM S 126 RVT PC GI 622 FV CR 732 FV CR	SM8567 SM8567035 SM8567065	8	STD 0.88 1.63
	6997 7440	427 454	7.0 L 7.4 L	8 8		Performance Chevrolet Low Tension Oil Ring	107.95	1.60 1.60 4.75	336 T PM DI 126 RVT PC GI 621 FV CR 732 FV CR	2M5515 2M5515030 2M5515035 2M5515060 2M5515065 2M5515125	8	STD 0.75 0.88 1.50 1.63 3.13
	7456	455	7.5 L	8		Performance Pontiac	105.44	1.60 1.60 4.75	336 T PM DI 126 RVT PC GI 860 FV CR 732 FV CR	2M5543 2M5543065	8	STD 1.63
	8226	502	8.2 L	8		Performance	113.44	1.60 1.60 4.75	336 T PM DI 126 RVT PC GI 860 FV CR 732 FV CR	2M5537 2M5537004	8	STD 0.10
	8226	502	8.2 L	8		Performance	114.30	1.60 1.60 4.75	336 T PM DI 126 RVT PC GI 860 FV CR 732 FV CR	2M5589 2M5589005 2M5589030 2M5589035 2M5589060 2M5589065 2M5589100 2M5589105	8	STD 0.13 0.75 0.88 1.50 1.63 2.50 2.63
	8226	502	8.2 L	8		Performance Low Tension Oil Ring	114.30	1.60 1.60 4.75	336 T PM DI 126 RVT PC GI 009 FV CR 732 FV CR	2M5596 2M5596005 2M5596030 2M5596035 2M5596060 2M5596065 2M5596100 2M5596105	8	STD 0.13 0.75 0.88 1.50 1.63 2.50 2.63
	8226	502	8.2 L	8		Performance w/napier 2nd ring	114.30	1.60 1.60 4.75	336 T PM DI 406 N PC DI 860 FV CR 732 FV CR	2M8588 2M8588005 2M8588035 2M8588045 2M8588065	8	STD 0.13 0.88 1.13 1.63
	8226	502	8.2 L	8		Performance Steel Moly top rings	114.30	1.10 1.10 3.00	395 T PM S 406 N PC DI 872 FV CR 005 FV CR	SM8582 SM8582005 SM8582035 SM8582105 SM8582130	8	STD 0.13 0.88 2.63 3.25
	8226	502	8.2 L	8		Performance Steel Moly top ring 1/16" w/Napier 2nd ring	114.30	1.10 1.60 3.00	395 T PM S 406 N PC DI 872 FV CR 005 FV CR	SM8592 SM8592005 SM8592035	8	STD 0.13 0.88

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
GENERAL MOTORS-Performance												
	8849	540	8.8 L	8		Performance	114.30	1.50 1.50 3.00	336 T PM DI 126 RVT PC GI 872 FV CR 005 FV CR	2M8525	8	STD
	8226	502	8.2 L	8		Performance w/Napier 2nd ring	114.30	1.50 1.50 3.00	336 T PM DI 406 N PC DI 872 FV CR 005 FV CR	2M8535 2M8535005 2M8535035	8	STD 0.13 0.88
	8226	502	8.2 L	8		Performance w/Napier 2nd ring Low Tension Oil Ring	114.30	1.60 1.60 4.75	336 T PM DI 406 N PC DI 009 FV CR 732 FV CR	2M8594 2M8594005 2M8594035 2M8594065	8	STD 0.13 0.88 1.63
HARLEY-DAVIDSON												
				1	1963-73	D, DC, DF, D4	69.85	1.60 1.60 1.60	022 ST PC GI 022 ST PC GI 022 ST PC GI	4359	1	STD
	737 901	45 55		2	1950-65 1950-65	Side Valve G, GE, K, KH	69.72	1.60 1.60 4.75	102 T PC GI 102 T PC GI 871 FV CR 732 FV CR	4244 4244010 4244020 4244030	2	STD 0.25 0.50 0.75
	737	45		2	1937-55	45 Side Valve D Ser. G, GA, W Ser.	69.72	2.38 2.38 3.18	102 T PC GI 102 T PC GI 501 1PCO PC GI	5044 5044010 5044020 5044030 5044040 5044050 5044070	2	STD 0.25 0.50 0.75 1.00 1.25 1.75
				1	1986-On	XL883	76.20	1.50 1.50 2.80	334 BF PM DI 126 RVT PC GI 861 FV CR 732 FV CR	2M6198 2M6198005 2M6198010	1	STD 0.13 0.25
OHV	900			2	1957-71	XL, XLCH, XLH Sportster	76.20	1.60 1.60 4.75	102 T PC GI 102 T PC GI 860 FV CR 732 FV CR	6457	2	STD
	1000			2	1983-85	XL, XR	80.96	1.60 1.60 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	6166 6166010 6166020 6166030 6166040 6166060 6166070	2	STD 0.25 0.50 0.75 1.00 1.50 1.75
									327 BF PM GI 126 RVT PC GI 056 FV CR 732 FV CR	2M6166 2M6166010 2M6166020 2M6166030 2M6166040 2M6166060 2M6166070	2	STD 0.25 0.50 0.75 1.00 1.50 1.75
Sportster OHV	1000			2	1972-85	XL, XLCH, XLH	80.96	1.60 1.60 4.75	102 T PC GI 102 T PC GI 860 FV CR 732 FV CR	7003 7003010 7003020 7003030 7003040 7003050 7003060 7003070	2	STD 0.25 0.50 0.75 1.00 1.25 1.50 1.75
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M7003 2M7003010 2M7003020 2M7003030 2M7003040 2M7003050 2M7003060 2M7003070	2	STD 0.25 0.50 0.75 1.00 1.25 1.50 1.75














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
HARLEY-DAVIDSON												
				2		Models using Wiseco Piston, 3 3/16" Bore 3 Ring Piston	80.96	1.60 1.60 4.00	327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M4915 2M4915010 2M4915020 2M4915030 2M4915040	1	STD 0.25 0.50 0.75 1.00
				1		Models using Axtell Cyl. 3 3/16" Bore 3 Ring Piston	80.96	1.60 1.60 4.00	102 T PC GI 102 T PC GI 860 FV CR 732 FV CR	6953 6953020 6953030 6953040	1	STD 0.50 0.75 1.00
				1		Models using Axtell Cyl. 3 3/16" Bore 2 Ring Piston	80.96	1.60 4.00	102 T PC GI 860 FV CR 732 FV CR	6948	1	STD
				1		Models using Axtell Cyl. 3 1/4" Bore 3 Ring Piston	82.55	1.60 1.60 4.00	102 T PC GI 102 T PC GI 056 FV CR 732 FV CR	6954	1	STD
				1		Models using Axtell Cyl. 3 1/4" Bore 2 Ring Piston	82.55	1.60 4.00	102 T PC GI 860 FV CR 732 FV CR	6949	1	STD
	1000	61		2	1948-52	Knuckle Head	84.15	1.60 1.60 4.75	102 T PC GI 102 T PC GI 860 FV CR 732 FV CR	7024	2	STD
OHV	1000	61		2	1948-52	Knuckle Head E, EL	84.14	2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6627 6627030	1	STD 0.75
				1		Models using Axtell Cyl. 3 5/16" Bore 3 Ring Piston	84.14	1.60 1.60 4.00	102 T PC GI 102 T PC GI 860 FV CR 732 FV CR	6955 6955040	1	STD 1.00
				1		Models using Axtell Cyl. 3 5/16" Bore 2 Ring Piston	84.14	1.60 4.00	102 T PC GI 860 FV CR 732 FV CR	6950	1	STD
OHV	1200 1200	74 74		2 2	1955-80 1948-78	FL, FLH, FXE Electra Glide FL, FLH, FX, FXE Pan/Shovel Head	87.31	1.60 1.60 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6482 6482010 6482020 6482030 6482040 6482050 6482060 6482070 6482080	2	STD 0.25 0.50 0.75 1.00 1.25 1.50 1.75 2.00
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M6482 2M6482005 2M6482010 2M6482020 2M6482030 2M6482040 2M6482050 2M6482060 2M6482070 2M6482080 2M6482090	2	STD 0.13 0.25 0.50 0.75 1.00 1.25 1.50 1.75 2.00 2.25
OHV	1200			2	1955-80	Electra Glide FL, FLH, FXE All Cast Iron Rings	87.31	1.60 1.60 4.75	032 BF PC GI 126 RVT PC GI 501 1PCO PC GI	4609 4609010 4609020 4609030 4609040 4609050 4609060 4609070 4609080	2	STD 0.25 0.50 0.75 1.00 1.25 1.50 1.75 2.00

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
HARLEY-DAVIDSON												
	1200			2	1948-64	74, F, FL, FLE	87.31	2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 501 1PCO PC GI	5193 5193020 5193040 5193060	2	STD 0.50 1.00 1.50
				2		Models using Wiseco Piston, 3 7/16" Bore 3 Ring Piston	87.31	1.60 1.60 4.00	327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M4916 2M4916010 2M4916020	1	STD 0.25 0.50
	1200		1.2 L	2	2004-On	Sportster Buell	88.84	1.20 1.50 2.50	397 BF PM S 126 RVT PC GI 872 FV CR 005 FV CR	2M5069	1	STD
Evolution Eng.	1200		1.2 L	2	1983-On	XL & Late Shovel Head Sportster	88.84	1.60	032 BF PC GI	6164	2	STD
	1340	80	1.3 L	2	1983-On			1.60 4.00	126 RVT PC GI 860 FV CR 732 FV CR	6164005 6164010 6164020 6164030 6164040	0.13 0.25 0.50 0.75 1.00	
				2		Models using Wiseco Piston 3 7/16" Bore 3 Ring Piston	88.84	1.60 1.60 4.00	327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M6164 2M6164005 2M6164010 2M6164020 2M6164030 2M6164040	2	STD 0.13 0.25 0.50 0.75 1.00
	1340	80	1.3 L	2	1978-83	FL, FX Shovel Head	88.85	1.60 1.60 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6127 6127010 6127020 6127030 6127040 6127050 6127060 6127070	2	STD 0.25 0.50 0.75 1.00 1.25 1.50 1.75
				2		Models using Wiseco Piston 3 498 Bore 3 Ring Piston	88.85	1.60 1.60 4.00	327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M4917 2M4917005 2M4917010 2M4917020 2M4917030 2M4917040	1	STD 0.13 0.25 0.50 0.75 1.00
				1		Models using Axtell Cyl. 3 1/2" Bore 3 Ring Piston	88.90	1.60 1.60 4.00	102 T PC GI 102 T PC GI 056 FV CR 732 FV CR	7002	1	STD
				1		Models using Axtell Cyl. 3 9/16" Bore 3 Ring Piston	90.49	1.60 1.60 4.00	102 T PC GI 102 T PC GI 056 FV CR 732 FV CR	7001	1	STD
				1		Stroker Kit w/1/16 Comp. Rings	92.08	1.60 1.60 4.75	327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M5721 2M5721020	1	STD 0.50
				1		Stroker Kit w/5/64 Comp. Rings	92.08	2.00 2.00 4.75	327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M5722 2M5722030 2M5722040	1	STD 0.75 1.00
				1		Models using Axtell Cyl. 3 5/8" Bore 3 Ring Piston	92.08	1.60 1.60 4.00	327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M6958 2M6958005	1	STD 0.13

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
HARLEY-DAVIDSON												
JED	1584	96	1.6 L	2	2007-On		95.25	1.50 1.50 2.50	337 BF PM DI 126 RVT PC GI 872 FV CR 732 FV CR	2M4805 2M4805005 2M4805010	2	STD 0.13 0.25
Twin Cam 88	1450		1.5 L	1	1998-On		95.25	1.50 1.50 3.00	337 BF PM DI 126 RVT PC GI 872 FV CR 732 FV CR	2M4942 2M4942005 2M4942010 2M4942020 2M4942030	2	STD 0.13 0.25 0.50 0.75
100 Big Twin				2		Models using Custom Chrome Piston w/5/32 oil grv.	96.84	1.60 1.60 4.00	327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M4950 2M4950005 2M4950010 2M4950020 2M4950030	1	STD 0.13 0.25 0.50 0.75
100 Big Twin				2		Models using Silvolite Piston w/3/16" oil grv.	96.84	1.60 1.60 4.75	327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M4953 2M4953010 2M4953020 2M4953030	1	STD 0.25 0.50 0.75
				2		Models using KB Piston	98.43	1.60 1.60 4.75	327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M4985 2M4985010 2M4985030	2	STD 0.25 0.75
Twin Cam 88	1690		1.7 L	2	1998-On	Big Bore Kit	98.43	1.50 1.50 2.50	337 BF PM DI 126 RVT PC GI 872 FV CR 005 FV CR	2M4941 2M4941005 2M4941010 2M4941020 2M4941030 2M4941040	2	STD 0.13 0.25 0.50 0.75 1.00
Twin Cam 88				2		Model using Custom Chrome Piston	101.60	1.50 1.50 2.50	327 BF PM GI 126 RVT PC GI 872 FV CR 732 FV CR	2M5080 2M5080005 2M5080010 2M5080020	1	STD 0.13 0.25 0.50
	1800	110	1.8 L	2	2007-14	Twin Cam w/CVO models	101.60	1.20 1.20 2.50	397 BF PM S 406 N PC DI 872 FV CR 732 FV CR	2M5299 2M5299005 2M5299010 2M5299020	2	STD 0.13 0.25 0.50
	1852	113	1.9 L	2	2005-On	Also KB pistons	103.12	1.50 1.50 2.50	337 BF PM DI 126 RVT PC GI 872 FV CR 732 FV CR	2M5153 2M5153005 2M5153010	1	STD 0.13 0.25
Twin Cam 88 Twin Cam 96	1753 1917	107 117	1.8 L 1.9 L	2		Model using United Engine Piston	104.78	1.50 1.50 3.00	336 T PM DI 126 RVT PC GI 621 FV CR 005 FV CR	2M5157 2M5157005 2M5157030	2	STD 0.13 0.75
				2		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
HONDA												
EJZ	1335		1.3 L	4	1982-83	Civic	72.00	1.00 1.20 2.80	398 BF CR S 126 RVT PC GI 859 FV CR 732 FV CR	2C6174 2C6174020 2C6174030 2C6174040 2C6174060	4	STD 0.50 0.75 1.00 1.50
EB2	1200 1237 1250		1.2 L 1.2 L 1.3 L	4 4 4	1972-78	Civic	72.00	1.50 1.50 2.80	032 BF PC GI 126 RVT PC GI 859 FV CR 732 FV CR	6116 6116010 6116020 6116030 6116040 6116060	4	STD 0.25 0.50 0.75 1.00 1.50
								362 BF 3CR GI 126 RVT PC GI 859 FV CR 732 FV CR	2C6116 2C6116010 2C6116020 2C6116030 2C6116040 2C6116060	4	STD 0.25 0.50 0.75 1.00 1.50	

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
HONDA												
EB-3, EE, EJ1, EN1	1237		1.2 L	4	1978-81	Civic	72.00	1.50	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	6131 6131010 6131020 6131030 6131040 6131060	4	STD
	1335		1.3 L	4	1980-82	Civic, Civic DX		1.50 4.00				0.25 0.50 0.75 1.00 1.50
L13A1,L13A3,L13A8 LDA1 / 2 L15A1 SOHC	1339		1.3 L	4	2002-13	Civic Hybrid w/VTECH	73.00	1.00	398 BF CR S 610 RVT PC GI 990 FV CR 732 FV CR	2C5253 2C5253020 2C5253030 2C5253040	4	STD
	1497		1.5 L	4	2007-13			2.00				0.50 0.75 1.00
LDA-MF3 SOHC	1339		1.3 L	4	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
D15A2, EJ2, EW1, HF	1488		1.5 L	4	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
D15A2, EM1	1488		1.5 L	4	1983-87	Excl. HF, EW1	74.00	1.20 1.20 2.80	398 BF CR S 126 RVT PC GI 996 FV CR 732 FV CR	2C6173 2C6173010 2C6173020 2C6173030 2C6173040	4	STD 0.25 0.50 0.75 1.00
EM EF	1488		1.5 L	4	1976-78	Ballade, Civic CVCC Accord	74.00	1.50	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	4396 4396010 4396020 4396030 4396040 4396060	4	STD
	1599		1.6 L	4	1980-85			1.50 4.00				0.25 0.50 0.75 1.00 1.50
EC	1488		1.5 L	4	1975-79	Civic	74.00	1.50	032 BF PC GI 126 RVT PC GI 859 FV CR 732 FV CR	4435 4435010 4435020 4435030 4435040	4	STD
								1.50 2.80				0.25 0.50 0.75 1.00
D15B6, D15Z1 D16Y7, D16Y8, D16B5	1493 1590		1.5 L	4	1996-98	8 Valve Deep Oil Grv.	75.00	1.00	398 BF CR S 126 RVT PC GI 859 FV CR 732 FV CR	2C4690 2C4690010 2C4690020 2C4690030 2C4690040	4	STD
			1.6 L		1988-95			1.20 2.80				0.25 0.50 0.75 1.00
D15B1/B2 D15B7/B8 D16Z6 D16A6/A7	1493 1590		1.5 L	4	1988-95	CRX, Civic Del Sol Civic, Civic Ex, Del Sol Si	75.00	1.20	398 BF CR S 435 SCRP PC GI 859 FV CR 732 FV CR	2C4640 2C4640010 2C4640020 2C4640030 2C4640040 2C4640060	4	STD
			1.6 L		1989-97			1.50 2.80				0.25 0.50 0.75 1.00 1.50














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
HONDA												
D15B8, D15Z1	1493		1.5 L	4	1992-96	Civic CX, VX, Vei	75.00	1.20 1.50 3.00	398 BF CR S 435 SCRPP PC GI 054 FV CR 732 FV CR	2C4962 2C4962020 2C4962030 2C4962040	4	STD 0.50 0.75 1.00
D16Y8 SOHC	1590		1.6 L	4	1999-On	Civic, Del Sol Si V-TEC w/ shallow Oil Grv.	75.00	1.00 1.20 2.80	398 BF CR S 126 RVT PC GI 996 FV CR 732 FV CR	2C4974 2C4974020 2C4974030 2C4974040	4	STD 0.50 0.75 1.00
	1600		1.6 L	4		KA200 Civic	75.00	1.20 1.50 4.00	398 BF CR S 435 SCRPP PC GI 058 FV CR 732 FV CR	2C4631 2C4631020 2C4631030 2C4631040	4	STD 0.50 0.75 1.00
									322 BF GN SS 435 SCRPP PC GI 058 FV CR 732 FV CR	2N4631 2N463150	4	STD 0.50
D17A1, D17A2, D17A6 SOHC	1668		1.7 L	4	2001-05	Civic DX, EX, HX L4 V-TEC	75.00	1.00 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C5111 2C5111010 2C5111020 2C5111030 2C5111040	4	STD 0.25 0.50 0.75 1.00
EK1, EL1	1751		1.8 L	4	1979-83	Eord, Prelude	77.00	1.50 1.50 4.00	032 BF PC GI 401 SCRPP PC GI 058 FV CR 732 FV CR	6134 6134010 6134020 6134024 6134030 6134032 6134040 6134060	4	STD 0.25 0.50 0.60 0.75 0.80 1.00 1.50
									363 BF CR GI 401 SCRPP PC GI 058 FV CR 732 FV CR	2C6134 2C6134010 2C6134020 2C6134030 2C6134040	4	STD 0.25 0.50 0.75 1.00
A18A1 ES1, ES2 ES3, ET2	1829		1.8 L	4	1983-87	Prelude DX Accord Sei	80.00	1.50 1.50 4.00	102 T PC GI 126 RVT PC GI 056 FV CR 732 FV CR	6177 6177020 6177030 6177040	4	STD 0.50 0.75 1.00
									363 BF CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C6177 2C6177020 2C6177030 2C6177040	4	STD 0.50 0.75 1.00
B16A2 DOHC	1590		1.6 L	4	1993-99	Civic EDM, Del Sol Si V-TEC	81.00	1.00 1.20 2.80	398 BF CR S 126 RVT PC GI 861 FV CR 732 FV CR	2C4666 2C4666010 2C4666020 2C4666030 2C4666040	4	STD 0.25 0.50 0.75 1.00
R18A1 SOHC	1799		1.8 L	4	2006-16	Civic	81.00	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C4850 2C4850010 2C4850020 2C4850030 2C4850040	4	STD 0.25 0.50 0.75 1.00
B20A3, B20A5	1958		2.0 L	4	1988-93	Prelude	81.00	1.20 1.50 2.80	398 BF CR S 126 RVT PC GI 861 FV CR 732 FV CR	2C4658 2C4658020 2C4658030 2C4658040	4	STD 0.50 0.75 1.00
A20A, BS, BT SOHC	1955		2.0 L	4	1985-89	Accords, Preludes	82.70	1.50 1.50 4.00	362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C4499 2C4499020 2C4499030 2C4499040	4	STD 0.50 0.75 1.00
									327 BF PM GI 126 RVT PC GI 058 FV CR 732 FV CR	2M4499 2M4499020 2M4499030 2M4499040	4	STD 0.50 0.75 1.00














ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
HONDA												
B21A1	2056		2.1 L	4	1990-91	Prelude 16 Valve	83.00	1.20 1.20 2.80	398 BF CR S 126 RVT PC GI 861 FV CR 732 FV CR	2C4739 2C4739010 2C4739020 2C4739030 2C4739040	4	STD 0.25 0.50 0.75 1.00
B20B4, B20Z2 DOHC	1972		2.0 L	4	1997-02	CRV	84.00	1.20 1.20 2.80	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4973 2C4973010 2C4973020 2C4973030 2C4973040	4	STD 0.25 0.50 0.75 1.00
									326 TBF GN SS 126 RVT PC GI 997 FV CR 732 FV CR	2N4973	4	STD
20T2N, 20T2R	1994		2.0 L	4	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	2156		2.2 L	4	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	2204		2.2 L	4	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	2204		2.2 L	4		Turbo Diesel w/2 pc oil ring	85.00	2.00 2.00 3.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7425	1	STD
K20A1, K20A3, K20Z3 DOHC	1998		2.0 L	4	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	2254		2.3 L	4	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	3000		3.0 L	6	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
F20C F22C K24A1, K24A2, K24A3, K24A4, K24A8, K24Y1 K24Z1, K24Z2, K24Z3 SOHC, DOHC	1997 2156 2354		2.0 L 2.2 L 2.4 L	4 4 4	2000-03 2004-06 2002-17	S2000 S2000 CR-V V-TEC	87.00	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C5147 2C5147010 2C5147020 2C5147030 2C5147040	4	STD 0.25 0.50 0.75 1.00
H22A4 H22A4, H23A1	2156 2259		2.2 L 2.3 L	4	1997-02 1992-00	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
K24Z7	2354		2.4 L	4	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	2675		2.7 L	6	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

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
HONDA												
J35A6, J35A7, J35A9, J35Y1, J35Y2 J35Z1, J35Z4, J35Z5, J35Z8	3471		3.5 L	6	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.	2559		2.6 L	4	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.	3156		3.2 L	6	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
6VD1 Isuzu Eng.	3156		3.2 L	6	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
HONDA-Racing												
D16A	1590		1.6 L	4	1997-99	Domani V-TEC	75.00	1.20 1.50 2.80	398 BF CR S 435 SCRP PC GI 859 FV CR 732 FV CR	SC5558 SC5558010 SC5558020 SC5558030 SC5558040 SC5558060	4	STD 0.25 0.50 0.75 1.00 1.50
B16A	1590		1.6 L	4	1989-93	Civic, Integra V-TEC	81.00	1.00 1.20 2.80	398 BF CR S 126 RVT PC GI 861 FV CR 732 FV CR	SC5572 SC5572010 SC5572020 SC5572030 SC5572040	4	STD 0.25 0.50 0.75 1.00
B16 B20	1600 2000		1.6 L 2.0 L	4		CRX	84.00	1.00 1.20 2.80	398 BF CR S 126 RVT PC GI 861 FV CR 732 FV CR	SC8513 SC8513020	4	STD 0.50
HONDA-Stationary												
GX240K1 8HP				1		Stationary Engine	73.00	2.00 2.00 2.80	032 BF PC GI 401 SCRP PC GI 859 FV CR 732 FV CR	6195 6195010 6195020 6195030	1	STD 0.25 0.50 0.75
GX340, GXV340	337			1		Stationary Engine	82.00	2.00 2.00 2.80	363 BF CR GI 126 RVT PC GI 861 FV CR 732 FV CR	2C4475 2C4475010	1	STD 0.25
GX390K1 13HP				1		Stationary Engine	88.00	2.00 2.00 2.80	032 BF PC GI 126 RVT PC GI 999 FV CR 732 FV CR	6121 6121040	1	STD 1.00
HYUNDAI												
G4HC, G4DG	999		1.0 L	4		Atos, Epsilon	66.00	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5136 2C5136010 2C5136020 2C5136030 2C5136040	4	STD 0.25 0.50 0.75 1.00

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
HYUNDAI												
G4HG SOHC	1086		1.1 L	4	2003-13	Atos, i10	67.00	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 989 FV CR 732 FV CR 322 BF GN SS 435 SCRIP PC GI 987 FV GN SS 714 GN SS	2C5298 2C5298010 2C5298020 2C5298030 2C5298040 2N5298	4	STD 0.25 0.50 0.75 1.00 4 STD
G4HD SOHC	1086		1.1 L	4	2002-09	Atos, Getz w/2.5mm oil grv	67.00	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 005 FV CR	2C4580 2C4580010 2C4580020 2C4580030	4	STD 0.25 0.50 0.75
G4HG SOHC	1100		1.1 L	4	2005-08	Atos, i10 w/2.8mm oil grv	67.00	1.20 1.20 2.80	398 BF CR S 126 RVT PC GI 999 FV CR 732 FV CR	2C5250 2C5250020 2C5250030	4	STD 0.50 0.75
G4LA	1248		1.2 L	4	2008-18	i10, i20	71.00	1.00 1.20 2.00	398 BF CR S 406 N PC DI 987 FV GN SS 714 GN SS	2C4068 2C406825 2C406850	4	STD 0.25 0.50
G4EA	1341		1.3 L	4	2010-16	Getz, Accent Mpi	71.50	1.20 1.20 2.00	398 BF CR S 435 SCRIP PC GI 993 FV CR 005 FV CR	2C5389	4	STD 0.50 1.00
G4EA, G4K G4N, G4EH Alpha 1.3	1341		1.3 L	4	1996-On	Accent, ES, Multi, RS Click, Getz 1.3i 12V, Verna	71.50	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 054 FV CR 732 FV CR	5264 5264020 5264030 5264040 5264060 2C5264	4	STD 0.50 0.75 1.00 1.50 4 STD 0.25 0.50
	1400		1.4 L	4		Pony	73.00	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	4347 4347020 4347030 4347040 4347060 2C4347	4	STD 0.50 0.75 1.00 1.50 4 STD 0.25 0.50 0.75 1.00 1.50
G4EE MPI DOHC	1399		1.4 L	4	2005-11	Accent, Getz	75.50	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C4576 2C4576010 2C4576020 2C4576030 2C4576040	4	STD 0.25 0.50 0.75 1.00
G4FK DOHC	1495		1.5 L	4	1996-97	Accent, Elantra	75.50	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 054 FV CR 732 FV CR	2C4668 2C4668010 2C4668020 2C4668030 2C4668040 2C4668060	4	STD 0.25 0.50 0.75 1.00 1.50
G4EK SOHC	1495		1.5 L	4	1992-10	Accent, Elantra	75.50	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 996 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 996 FV CR 732 FV CR	4782 4782010 4782020 4782030 4782040 2C4782	4	STD 0.25 0.50 0.75 1.00 4 STD 0.25 0.50 0.75 1.00

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
HYUNDAI												
G15B	1468		1.5 L	4	1985-96	Excel, Lantra, Pony	75.50	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	5716 5716010 5716020 5716030 5716040 5716060	4	STD 0.25 0.50 0.75 1.00 1.50
									363 BF CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C5716 2C5716010 2C5716020 2C5716030 2C5716040 2C5716060	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	2M5716 2M5716010 2M5716020 2M5716030 2M5716040	4	STD 0.25 0.50 0.75 1.00
G4ED Euro 4, G4ED-G DOHC	1599		1.6 L	4	2000-11	Accent, Coupe, Getz, Matrix w/2.0mm Oil Grv.	76.50	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C4526 2C4526020 2C4526030	4	STD 0.50 0.75
G4ED, G4GR DOHC	1599		1.6 L	4	2001-05	w/2.5mm Oil Grv.	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
	1599		1.6 L	4		Elantra 2000	76.50	1.20 1.50 2.50	398 BF CR S 401 SCRP PC GI 995 FV CR 732 FV CR	2C5177 2C5177010 2C5177020 2C5177030	4	STD 0.25 0.50 0.75
G32B	1597		1.6 L	4	1985-90	Stellar	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
G4FA G4FC, G4FG	1396 1591		1.4 L 1.6 L	4 4	2007-15 2008-17	Accent, Estate, Gamma Accent, Estate, Elantra, Veloster	77.00	1.20 1.20 2.00	398 BF CR S 435 SCRP PC GI 993 FV CR 005 FV CR	2C4504 2C450450 2C4504100	4	STD 0.50 1.00
D4FB	1582		1.6 L	4	2007-17	Accent, Creta, Elantra i30, Kona	77.20	1.75 1.75 3.00	326 TBF GN SS 257 TF CR DI 203 CF GN SS 881 2PCO	2D7821 2D782125 2D782150	4	STD
G4GR	1599		1.6 L	4	1995-02	Coupe, Elantra	77.40	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5196 2C5196020 2C5196040	4	STD 0.50 1.00
G4NBB DOHC	1797		1.8 L	4	2012-16	Elantra, Mistra "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
G4CM, G4DM, G4JN DOHC	1796		1.8 L	4	1996-On	16 Valve, Elantra	81.50	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4770 2C4770020 2C4770030 2C4770040	4	STD 0.50 0.75 1.00
G4CN	1796		1.8 L	4	1993-95	Elantra EXPORT ONLY	81.50	1.20 1.50 2.80	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C5104 2C5104020 2C5104030 2C5104040	4	STD 0.50 0.75 1.00

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
HYUNDAI												
G4DM, G4GB, G4GM G4CP, G4GC, G4GF, G4JP	1836 1997		1.8 L 2.0 L	4 4	1995-06 1997-10	Elantra Coupe, Elantra	82.00	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C4943 2C4943010 2C4943020 2C4943030 2C4943040	4	STD 0.25 0.50 0.75 1.00
G4GF DOHC	1975		2.0 L	4	2004-09	Tucson	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
G4CR, G4DR DOHC	1595		1.6 L	4	1992-95	Elantra, 16 V	82.30	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4669 2C4669020 2C4669030 2C4669040	4	STD 0.50 0.75 1.00
DJY SOHC	1905		1.9 L	4	1998-00	Elantra II 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
D3EA D4EA	1493 1991		1.5 L 2.0 L	3 4	2001-10 2001-11	Accent, Getz, Matrix Elantra, i30, Santa Fe, Tucson CRDi 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
G6BV	2493		2.5 L	6	1998-05	Sonata, XG	84.00	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C4980 2C4980020 2C4980030 2C4980040	6	STD 0.50 0.75 1.00
D4HA DOHC	1995		2.0 L	4	2010-On	Tucson, IX35 Diesel Eng	84.00	2.50 2.00 3.00	241 FKST CC DI 214 RVT PC DI 204 CF CR DI 881 2PCO	2D7455	1	STD
G4CP, G4GF	1997		2.0 L	4	1991-98	Sonata	85.00	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4768 2C4768010 2C4768020 2C4768030 2C4768040 2C4768060	4	STD 0.25 0.50 0.75 1.00 1.50
4G63	1997		2.0 L	4	1985-89	Stellar	85.00	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	6171 6171020 6171030 6171040 6171060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C6171 2C6171020 2C6171030 2C6171040 2C6171060	4	STD 0.50 0.75 1.00 1.50
G64B	2351		2.4 L	4	1989-93	Sonata	86.50	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	4638 4638020 4638030 4638040 4638060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C4638 2C4638010 2C4638020 2C4638030 2C4638040	4	STD 0.25 0.50 0.75 1.00
G4JS	2400		2.4 L	4	1999-02	Sonata	86.50	1.20 1.50 2.80	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4780 2C4780020 2C4780030 2C4780040 2C4780060	4	STD 0.50 0.75 1.00 1.50
G6BA DOHC	2656		2.7 L	6	2006-12	Santa Fe, Tiburon, Tucson	86.70	1.20 1.20 2.00	398 BF CR S 435 SCRIP PC GI 993 FV CR 732 FV CR	2C5384 2C538450	6	STD 0.50

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET  Set #	CYL SET 	SIZE 
HYUNDAI												
G6BA DOHC	2656		2.7 L	6	2000-12	Santa Fe, Sonata, Tiburon 24V	86.70	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5265 2C5265020 2C5265030 2C5265040	6	STD 0.50 0.75 1.00
D4EB-F, D4EB-G SOHC	2188		2.2 L		2002-11	Santa FE CRDI Diesel Eng	87.00	2.50 2.00 3.00	222 FKST CC DI 214 RVT PC DI 204 CF CR DI 881 2PCO	2D7495	1	STD
G4KC, G4KJ DOHC	2359		2.4 L	4	2006-15	Sonata, Tucson	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
D4CB Euro 4	2497		2.5 L	4	2001-07	H-1, Porter Diesel Eng	91.00	2.50 2.00 3.00	211 HKST CC DI 257 TF CR DI 203 CF GN SS 881 2PCO	2D7522 2D752250	4	STD 0.50
D4CB DOHC	2497		2.5 L	4	2002-On	H100 Tci w/Keystone top grv. Diesel Eng	91.00	2.50 2.00 3.00	211 HKST CC DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2C7361	1	STD
4D55 D4BX SOHC	2346 2476		2.3 L 2.5 L	4 4	1980-86	Galopper Jeep 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
4D55 D4BX SOHC	2346 2476		2.3 L 2.5 L	4 4	1980-86	Galopper Jeep 8V Diesel Eng	91.10	2.50 2.00 4.00	231 BF PM DI 236 TF CR DI 204 CF CR DI 881 2PCO	2M7379	1	STD
4D55T 4D56T, 4D56TDi	2346 2476		2.3 L 2.5 L	4 4	1991-On	Galopper Galopper I 2.5 TD Turbo Diesel	91.10	2.50 2.00 4.00	243 HKST PM DI 235 HKST CR DI 204 CF CR DI 881 2PCO	2M7338 2M733850 2M7338100	1	STD 1.25 2.50
G6AT, 6G72	2972		3.0 L	6	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
D4BA, D4BB, D4BC	2476		2.5 L	4	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
G6DB G6DC DOHC	3342 3470		3.3 L 3.5 L	6 6	2006-12 2010-12	V6 Azera, Sonata, Santa Fe 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	3467		3.5 L	6	2002-06	Centennial, Santa Fe, Terracan-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	3778		3.8 L	6	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	2902		2.9 L	4	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

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
HYUNDAI												
J3 Tci, J3 CRDi SOHC	2902		2.9 L	4	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	1998		2.0 L	4	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 397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	4601 4601020 4601030 4601040 4601060 2M4601 2M4601010 2M4601020 2M4601030 2M4601040 2M4601060	4	STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
VG30DE, VG30E	2960		3.0 L	6	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 335 T PM DI 126 RVT PC GI 861 FV CR 732 FV CR	6196 6196020 6196030 6196040 2M6196 2M6196020 2M6196030 2M6196040	6	STD 0.50 0.75 1.00 STD 0.50 0.75 1.00
VQ35HR, VQ35DE	3498		3.5 L	6	2007-18	EX35, FX35, M35h, Q50, Q70	95.50	1.20 1.20	398 BF CR S 126 RVT PC GI	2C5293 2C5293010	6	STD 0.25
VQ37VHR DOHC	3699		3.7 L		2009-18	G37, IPL G37, M37, Q70, QX50, QX70		2.00	991 FV CR 005 FV CR	2C5293020 2C5293030 2C5293040		0.50 0.75 1.00
VQ35DE DOHC	3498		3.5 L	6	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
VH41DE VH45DE	4130 4494		4.1 L 4.5 L	8 8	1997-01 1990-02	Infiniti Q41 Model Infiniti Q45 Model	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
VK45DE DOHC	4494		4.5 L	8	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
VK56DE	5552		5.6 L	8	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 327 BF PM GI 126 RVT PC GI 995 FV CR 732 FV CR	5188 5188020 5188030 5188040 2M5188 2M5188020 2M5188030 2M5188040	8	STD 0.50 0.75 1.00 STD 0.50 0.75 1.00
INTERNATIONAL-Balers												
C60, UC60 Engs.				4		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 362 BF 3CR GI 126 RVT PC GI 871 FV CR 732 FV CR	7859 2C7859 2C7859020 2C7859030 2C7859040	4	STD STD 0.50 0.75 1.00
C113 Eng Sleeved Eng.				4		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

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
INTERNATIONAL-Balers												
C113				4		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
C123				4		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		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
INTERNATIONAL-Combines												
C60				4		52R, 64	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 Sleeved Eng.				4		22, 64, 76, 81 (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
C113 Sleeved Eng.				4		22, 64, 76, 81 (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
C123 Sleeved Eng.				4		Gas 76, 81	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
C135 Sleeved Eng.				4		Gas 91	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
C152 Sleeved Eng.				4		122	85.73	3.18 4.00 4.00 6.35	362 BF 3CR GI 102 T PC GI 401 SCRPP PC GI 860 FV CR 732 FV CR	2C726	4	STD
C153				4		93	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 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
INTERNATIONAL-Combines												
C164				4		Gas Eng. 140	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
BD220 BD220				6		101 127, 141, 303	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
C169 Sleeved Eng.				4		Gas or LPG 140	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 Sleeved Eng. C263				6		205, 303, 315 403	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
C175 Sleeved Eng.				4		Gas or LPG 140	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
Herc. G3400				6		SPH908 Hillside	101.60	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	2C4231	6	STD
INTERNATIONAL-Construction & Industrial												
C135 Sleeved Eng.				4		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		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		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		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		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

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
INTERNATIONAL-Engines & Power Units												
U1, UC60				4			66.68	2.38 2.38 4.75	102 T PC GI 126 RVT PC GI 871 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 871 FV CR 732 FV CR	7859 2C7859 2C7859020 2C7859030 2C7859040	4	STD 4 0.50 0.75 1.00
P12				4			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		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 362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	727 2C727	4	STD 4 STD
U2, U2A Sleeved Eng.				4		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			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			82.55	2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	7689 2C7689	4	STD 4 STD
I4, IU4, U4, 122HT Sleeved Eng.				4			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			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
U164 Sleeved Eng.				4			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
U169 Sleeved Eng.				4			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
U220, UB220 Sleeved Eng.				6		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

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
INTERNATIONAL-Engines & Power Units												
U220, U240 Sleeved Eng.				6		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
UC221, C263 Sleeved Eng.				6			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			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 6		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		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			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			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		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			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			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	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
INTERNATIONAL-Engines & Power Units												
UV549				8			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 363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	578 2C578 2C578020 2C578030 2C578040 2C578060 2C578080	8 8	STD STD 0.50 0.75 1.00 1.50 2.00
INTERNATIONAL-Tractors												
C60				4		Cub, Intr. Lo-Boy	66.68	2.38 2.38 4.75	102 T PC GI 126 RVT PC GI 871 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 871 FV CR 732 FV CR	7859 2C7859 2C7859020 2C7859030 2C7859040	4 4	STD STD 0.50 0.75 1.00
C113 Sleeved Eng.				4		A, AV, B, BN; Super A, AV; Farmall C 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
C113 Sleeved Eng.				4		A, AV, B, BN; Super A, AV; Farmall C 1/4" Oil Ring Gas or Dist.	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 362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	727 2C727	4 4	STD STD
IHC IHC Sleeved Eng.				4		F12, F14 I12, I14, O12, O14; W12, W14 Late 1935	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
C123 Sleeved Eng.				4		100, 130, 140, 200, 230, 240, Super C 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
C123				4		100, 130, 140, 200, 240, Super A1, Super C Dist. or Kero. Eng.	79.38	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	2C7724	4	STD
C123 Sleeved Eng.				4		100, 200, Super A1, Super C	80.96	2.38 2.38 6.35	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	4123 2C4123	4 4	STD STD

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
INTERNATIONAL-Tractors												
C135 Sleeved Eng.				4		330, 340, 404, 2404 Gas Eng.	82.55	2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	7689 2C7689	4 4	STD STD
K241				1		Kohler Cub Cadet	82.55	2.38 2.38 4.75	032 BF PC GI 401 SCRCP PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 401 SCRCP PC GI 860 FV CR 732 FV CR	6535 2C6535	1 1	STD STD
C146, C157				4		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
C152 Sleeved Eng.				4		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 SCRCP PC GI 860 FV CR 732 FV CR	2C726	4	STD
				4		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		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		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		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
C175 Sleeved Eng.				4		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
				6		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
D166 D188 D236 D282				4 4 6 6		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
C200				4		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

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
INTERNATIONAL-Tractors												
UC301				6		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
206D				4			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
D239, DT239, 544, I544, 574				4		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
D310				6		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		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		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
C281 C281 Sleeved Eng.				4		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 Kits												
C113 Engine Sleeved Eng.				4		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 Engine Sleeved Eng.				4		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 Engine Sleeved Eng.				4		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 Engine Sleeved Eng.				4		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














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
INTERNATIONAL-Tractors Increase Bore Sleeve Kits												
C123 Engine Sleeved Eng.				4		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 362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7584 2C7584	4 4	STD STD
C123 Engine Sleeved Eng.				4		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 362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	4215 4215020 4215040 2C4215	4 4	STD 0.50 1.00 STD
C152 Engine Sleeved Eng.				4		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 Engine Sleeved Eng.				4		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 Engine Sleeved Eng.				4		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	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
INTERNATIONAL-Tractors Increase Bore Sleeve Kits												
C152 Engine Sleeved Eng.				4		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 Engine Sleeved Eng.				4		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		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 Engine 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 Engine IHC Engine Sleeved Eng.				4		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 Engine 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 Engine Sleeved Eng.				4		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

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
INTERNATIONAL-Trucks & Engines												
C264 Engine Sleeved Eng.				4		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
C264 Engine Sleeved Eng.				4		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
C264 Engine Sleeved Eng.				4		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
Sleeved Eng.				6		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		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		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
	4228	258	4.2 L	6		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














ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE
INTERNATIONAL-Trucks & Engines												
Sleeved Eng.				6		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
	2491	152	2.5 L	4		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 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	6353 6353010 6353020 6353030 6353040 6353060 2C6353 2C6353010 2C6353020 2C6353030 2C6353040 2C6353060	4	STD 0.25 0.50 0.75 1.00 1.50 4 0.25 0.50 0.75 1.00 1.50
				8		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 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 345 T PM GI 126 RVT PC GI 860 FV CR 732 FV CR	6302 6302010 6302020 6302030 6302040 6302060 2C6302 2C6302020 2C6302030 2C6302040 2C6302060 2M6302 2M6302030 2M6302040 2M6302060	8	STD 0.25 0.50 0.75 1.00 1.50 8 0.50 0.75 1.00 1.50 8 0.75 1.00 1.50
	6883	420	6.9 L	8		Diesel Eng	101.60	2.00 2.00 2.80	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
	6883	420	6.9 L	8		Diesel Eng Special .060 to .070 gap 2nd ring	101.60	2.00 2.00 2.80	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
				4		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
				8		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 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6094 2C6094020 2C6094030 2C6094040 2C6094060 2M6094 2M6094030 2M6094040 2M6094060	8	STD 0.50 0.75 1.00 1.50 8 0.75 1.00 1.50
				8		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
Sleeved Eng.				6		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

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
INTERNATIONAL-Trucks & Engines												
	9013	550	9.0 L	8		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
				8		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 363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	6309 2C6309 2C6309020 2C6309030 2C6309040 2C6309060	8	STD 0.50 0.75 1.00 1.50
				8		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 363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	578 2C578 2C578020 2C578030 2C578040 2C578060 2C578080	8	STD 0.50 0.75 1.00 1.50 2.00
ISUZU												
4EC1 4EC1T	1488		1.5 L	4	1974-90	Gemini Gemini Turbo Diesel Eng	76.00	2.00 1.50 3.00	362 BF 3CR GI 435 SCR PC GI 054 FV CR 732 FV CR	2C4751 2C4751020 2C4751030 2C4751040	4	STD 0.50 0.75 1.00
4XC1 OHC	1471		1.5 L	4	1985-93	Gemini FF, Piazza Stylus 2 Ring Piston	77.00	1.50 1.50 2.80	032 BF PC GI 861 FV CR 732 FV CR 335 T PM DI 861 FV CR 732 FV CR	4241 4241020 4241030 4241040 2M4241 2M4241020 2M4241030 2M4241040	4	STD 0.50 0.75 1.00 STD 0.50 0.75 1.00
4XC1-H, 4XC1-T	1471		1.5 L	4	1985-93	Turbo	77.00	1.20 1.20 2.80	398 BF CR S 126 RVT PC GI 861 FV CR 732 FV CR	2C4646 2C4646020 2C4646030 2C4646040	4	STD 0.50 0.75 1.00
4EE1 DOHC	1686		1.7 L	4	1990-93	Gemini, Stylus Turbo Diesel	79.00	2.00 1.50 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR 335 T PM DI 126 RVT PC GI 204 CF CR DI 881 2PCO	4758 4758020 2D4758 2D475850 2D4758100	4	STD 0.50 STD 0.50 1.00
4EE1 DOHC	1686		1.7 L	4	1990-93	Gemini, Stylus Turbo Diesel w/2pc oil ring	79.00	2.00 1.50 3.00	217 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2C7424	1	STD
4XE1, 4XE1W 4XF1	1588 1809		1.6 L 1.8 L	4	1988-93 1992-93	Geo Storm, Stylus Geo Storm Gsi, Stylus RS	80.00	1.20 1.20 3.00	398 BF CR S 126 RVT PC GI 054 FV CR 732 FV CR	2C4647 2C4647020 2C4647030 2C4647040	4	STD 0.50 0.75 1.00

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
ISUZU												
G161 G161Z	1584		1.6 L	4	1974-88	Elf, Gemini Elf, Gemini	82.00	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 056 FV CR 732 FV CR	4294 4294020 4294030 4294040 4294060 2C4294 2C4294010 2C4294020 2C4294030 2C4294040 2C4294060 2M4294	4 4	STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50 STD
G161-Z	1584		1.6 L	4	1975-85	Gemini, Rodeo (KB 25, KB26)	82.00	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 058 FV CR 732 FV CR	4301 4301020 4301030 4301040 4301060 2M4301 2M4301020 2M4301030 2M4301040 2M4301060	4 4	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
4ZA1	1584		1.6 L	4	1981-87	Fargo, Shuttle	82.00	1.50 1.50 4.00	362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C4926 2C4926020 2C4926030 2C4926040	4	STD 0.50 0.75 1.00
4ZB1, 4FC1	1817	110	1.8 L	4	1982-84	Fargo	84.00	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR 336 T PM DI 126 RVT PC GI 058 FV CR 732 FV CR	4217 4217010 4217020 4217030 4217040 4217060 2M4217 2M4217010 2M4217020 2M4217030 2M4217040	4 4	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00
G180SS, G180Z	1871	114	1.8 L	4	1973-85	Bellelt GT, Gemini	84.00	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	4247 4247020 4247030 4247040 4247060 2C4247 2C4247010 2C4247020 2C4247030 2C4247040 2C4247060	4 4	STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
F22B6 Honda Eng.	2156		2.2 L	4	1996-99	Oasis	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
C190 C240	1951 2369		2.0 L 2.4 L	4 4		Faster/Holden Rodeo, Florian	86.00	2.50 2.00 5.00	362 BF 3CR GI 435 SCRIP PC GI 553 CF CR GI 881 2PCO	2D4390 2D439025	4	STD 0.25
X22SE DOHC	2198		2.2 L	4	2001-04	Rodeo	86.00	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C4703 2C4703020 2C4703030 2C4703040	4	STD 0.50 0.75 1.00

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
ISUZU												
X22SE	2200		2.2 L	4	1998-00	Rodeo	86.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR 397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	4601 4601020 4601030 4601040 4601060 2M4601 2M4601010 2M4601020 2M4601030 2M4601040 2M4601060	4	STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
G200Z	1949	119	2.0 L	4	1983-87	Trooper	87.00	1.50 1.50 4.00	102 T PC GI 102 T PC GI 058 FV CR 732 FV CR 362 BF 3CR GI 102 T PC GI 058 FV CR 732 FV CR 327 BF PM GI 102 T PC GI 058 FV CR 732 FV CR	6149 6149010 6149020 6149030 6149040 6149060 2C6149 2C6149010 2C6149020 2C6149030 2C6149040 2M6149 2M6149010 2M6149020 2M6149030 2M6149040	4	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00
G200Z	1949	119	2.0 L	4	1982	Trooper	87.00	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 056 FV CR 732 FV CR	6157 6157020 6157030 6157040 6157060 2C6157 2C6157020 2C6157030 2C6157040 2M6157 2M6157020 2M6157030 2M6157040	4	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 STD 0.50 0.75 1.00
ZNG200	2000		2.0 L	4	1983-86	Impulse	87.00	1.50 1.50 4.00	335 T PM DI 102 T PC GI 058 FV CR 732 FV CR	2M4207 2M4207010 2M4207020 2M4207030 2M4207040 2M4207060	4	STD 0.25 0.50 0.75 1.00 1.50
4ZC1, 4ZC1-T	1994		2.0 L	4	1985-89	Aska, Piazza Turbo	88.00	1.50 1.50 4.00	362 BF 3CR GI 126 RVT PC GI 856 FV CR 732 FV CR	2C4365 2C4365020 2C4365030 2C4365040 2C4365060	4	STD 0.50 0.75 1.00 1.50
LN2	2197		2.2 L	4	1996-99	Hombre	89.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 005 FV CR 397 BF PM S 126 RVT PC GI 872 FV CR 005 FV CR	6209 6209010 6209020 6209030 6209040 6209060 2M6209 2M6209020 2M6209030 2M6209040 2M6209060	4	STD 0.25 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
ISUZU												
	2827		2.8 L	6	1989-91	Trooper	89.00	1.50 2.00 4.75	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR 397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	6194 6194020 6194030 6194040 6194060 2M6194 2M6194010 2M6194020 2M6194030 2M6194040 2M6194060	6	STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
	3097		3.1 L	6	1991-93	Rodeo	89.00	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR 397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	4456 4456010 4456020 4456030 4456040 4456060 2M4456 2M4456010 2M4456020 2M4456030 2M4456040 2M4456060	6	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
4ZD1	2254		2.3 L	4	1986-93	Amigo, Rodeo, MU, Wizard	89.30	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 058 FV CR 732 FV CR	4603 4603010 4603020 4603030 4603040 4603060 2C4603 2C4603010 2C4603020 2C4603030 2C4603040 2C4603060	4	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
4ZE1	2559	156	2.6 L	4	1986-97	Amigo, Pickup, Trooper II	92.60	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 870 FV CR 732 FV CR 335 T PM DI 126 RVT PC GI 870 FV CR 732 FV CR	4637 4637020 4637030 4637040 2M4637 2M4637010 2M4637020 2M4637030 2M4637040 2M4637060	4	STD 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00 1.50
4JA1 4JB1, 4JB1-T Turbo Diesel	2499 2772		2.5 L 2.7 L	4 4	1983-90 1985-03	Campo Elf Box, Chassis, Trooper Diesel Eng Chrome Sleeves use 7384 only	93.00	2.00 2.00 4.00	252 BF PC GI 218 TF PC DI 200 CF PC GI 881 2PCO 217 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	7384 2C7384	1	STD STD
6VD1 6VE1	3165 3494		3.2 L 3.5 L	6	1997-05 1996-04	Faster, Rodeo, Trooper 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
6VD1	3165		3.2 L	6	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
6VE1	3494		3.5 L	6	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

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
ISUZU												
4JK1-TC 4JJ1-TC	2499 2999		2.5 L 3.0 L	4 4	2004-13	D-Max Rodeo	95.40	2.00 1.50 3.00	232 HKST CR DI 435 SCRPP PC GI 203 CF GN SS 881 2PCO	2D7225	4	STD
4JH1	3059		3.1 L	4		Faster, Rodeo D-Max Diesel Eng Chrome Plated Cylinder	95.40	2.50 2.00 3.00	110 BF PC DI 435 SCRPP PC GI 203 CF GN SS 881 2PCO	2D7188	4	STD
4HK1TC OHC	5193		5.2 L	4	2009-On	ELF 400, 450, 500, 600 Turbo Diesel	115.00	3.00 2.50 4.00	370 HKST 3CR GI 401 SCRPP PC GI 553 CF CR GI 881 2PCO	2C7456	4	STD
IVECO												
F1AE	2287		2.3 L	4		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	2798		2.8 L	4	1999-06	Turbo Diesel	94.40	2.50 2.00 2.50	233 FKST PM DI 210 SCRPP TF PC DI 204 CF CR DI 881 2PCO	2M7450	1	STD
8140.23, 8140.43, 8140.43C	2798		2.8 L	4		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	2798		2.8 L	4		Turbo Diesel	94.40	3.00 2.00 2.50	225 FKST CR DI 210 SCRPP TF PC DI 204 CF CR DI 881 2PCO	2C7449	1	STD
F1CE	2998		3.0 L	4		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 XK 3.4	2400 3400		2.4 L 3.4 L	6 6	1949-64 1949-64	3 1/2, Mark VII, XK120, XK140, XK150 3 1/2, Mark VII, XK120, XK140, XK150	83.00	2.00 2.00 4.00	102 T PC GI 401 SCRPP PC GI 058 FV CR 732 FV CR	5782 5782060	6	STD 1.50
224DT	2179		2.2 L	4	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
XK-E	2400	231	3.8 L	6	1959-68	Mark IX, Mark X,	87.00	2.00 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR	5957 5957020 5957030 5957040	6	STD 1.50
									362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C5957 2C5957020 2C5957030	6	STD

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
JAGUAR												
	5343		5.3 L	12	1975-92	XJS XJ12 XKE Series III	90.00	1.60 2.00 4.00	362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C4441 2C4441020 2C4441030	12	STD 0.50 0.75
F1CE	3980		4.0 L	6	1997-On	XJR6	91.00	1.50 1.50 3.00	335 T PM DI 126 RVT PC GI 872 FV CR 732 FV CR	2M5120 2M5120020 2M5120030 2M5120040	6	STD 0.50 0.75 1.00
XK 4.2	4200		4.2 L	6	1971-92	XJ6, XJ6 Series III Shallow Oil Ring Grv.	92.00	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	4625 4625010 4625020 4625030 4625040	6	STD 0.25 0.50 0.75 1.00
XK 4.2 XK-E	4200		4.2 L	6	1964-91	XJ6, Mark I & II Deep Oil Ring Grv.	92.00	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6800 6800020 6800040	6	STD 0.50 1.00
								2.00	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4625 2C4625010 2C4625020 2C4625030 2C4625040	6	STD 0.25 0.50 0.75 1.00
AJ133	4999		5.0 L	8	2009-18	F-Type, XF, XJ, XK, XKR	92.50	1.20 1.50 2.00	398 BF CR S 401 SCRPP PC GI 991 FV CR 005 FV CR	2C4147 2C4147020	8	STD 0.50
JEEP												
Vin Q	1468	92	1.5 L	4	1991-96	Eagle 12 Valve	75.50	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 054 FV CR 732 FV CR	2C4668 2C4668010 2C4668020 2C4668030 2C4668040 2C4668060	4	STD 0.25 0.50 0.75 1.00 1.50
								1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	5716 5716010 5716020 5716030 5716040 5716060	4	STD 0.25 0.50 0.75 1.00 1.50
									363 BF CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C5716 2C5716010 2C5716020 2C5716030 2C5716040 2C5716060	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	2M5716 2M5716010 2M5716020 2M5716030 2M5716040	4	STD 0.25 0.50 0.75 1.00
CJ2A, CJ3A, MB, 475	2196	134	2.2 L	4	1940-74	3 Ring Piston	79.38	2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 871 FV CR 732 FV CR	828 828020 828030 828040 828060 828080	4	STD 0.50 0.75 1.00 1.50 2.00
									362 BF 3CR GI 126 RVT PC GI 871 FV CR 732 FV CR	2C828 2C828020 2C828030 2C828040 2C828060	4	STD 0.50 0.75 1.00 1.50

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
JEEP												
	1754	107	1.8 L	4	1989-94	Eagle	80.60	1.50 1.50 4.00	032 BF PC GI 401 SCRPP PC GI 058 FV CR 732 FV CR	4367 4367020 4367030 4367040	4	STD 0.50 0.75 1.00
									363 BF CR GI 401 SCRPP PC GI 058 FV CR 732 FV CR	2C4367 2C4367020 2C4367030 2C4367040	4	STD 0.50 0.75 1.00
4G93 Mitsubishi eng	2966	181	2.9 L	4	1996		81.00	1.20 1.20 2.80	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4769 2C4769020 2C4769030 2C4769040	4	STD 0.50 0.75 1.00
DOHC	1595	98	1.6 L	4	1989-90	Eagle	82.30	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4669 2C4669020 2C4669030 2C4669040	4	STD 0.50 0.75 1.00
OM 651.925 Mercedes Eng	2143		2.2 L	4	2010-on	Compass 2.2 CRD 4x4 Diesel Eng	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
6-226, L6-226				6	1955-62	Panel Delivery, Station Sedan, FC170	84.14	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 901 GL	4233 4233040	6	STD 1.00
OHC	3769	230	3.8 L	6	1962-66	Tornada, A, B Series	84.937	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	834 834030 834040	6	STD 0.75 1.00
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C834 2C834030 2C834040	6	STD 0.75 1.00
4G63 Mitsubishi eng DOHC	1997	122	2.0 L	4	1995-98	Incl. Turbo	85.00	1.20 1.50 2.80	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4933 2C4933010 2C4933020 2C4933030 2C4933040 2C4933060	4	STD 0.25 0.50 0.75 1.00 1.50
4G63 Mitsubishi eng DOHC	1997		2.0 L	4	1993-94	Incl. Turbo	85.00	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4768 2C4768010 2C4768020 2C4768030 2C4768040 2C4768060	4	STD 0.25 0.50 0.75 1.00 1.50
DOHC	1997	122	2.0 L	4	1990-93	Eagle Incl. Turbo	85.00	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 054 FV CR 732 FV CR	2C4613 2C4613010 2C4613020 2C4613030 2C4613040	4	STD 0.25 0.50 0.75 1.00
ECN Vin:A	1997	122	2.0 L	4	2009-15	World Engine	86.00	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C4835 2C4835020 2C4835030 2C4835040	4	STD 0.50 0.75 1.00
T	2393	146	2.4 L	4	1992-93		86.50	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	4638 4638020 4638030 4638040 4638060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C4638 2C4638010 2C4638020 2C4638030 2C4638040	4	STD 0.25 0.50 0.75 1.00

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE
JEEP												
829, J6R, ZEJ J5R-800	1995		2.0 L	4	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 327 BF PM GI 126 RVT PC GI 056 FV CR 732 FV CR	4257 2M4257 2M4257010	4	STD 4 0.25
Vin:2	2360	144	2.4 L	4	2007-15	World Engine	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
	2835	173	2.8 L	6	1984		89.00	1.50 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR 397 BF PM S 126 RVT PC GI 860 FV CR 732 FV CR	5632 5632010 5632020 5632030 5632040 5632060 2C5632 2C5632020 2C5632030 2C5632040 2C5632060 2M5632 2M5632010 2M5632020 2M5632030 2M5632040 2M5632060	6	STD 0.25 0.50 0.75 1.00 1.50 6 0.50 0.75 1.00 1.50 6 0.25 0.50 0.75 1.00 1.50
	2835	173	2.8 L	6	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 397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	6194 6194020 6194030 6194040 6194060 2M6194 2M6194010 2M6194020 2M6194030 2M6194040 2M6194060	6	STD 0.50 0.75 1.00 1.50 6 0.25 0.50 0.75 1.00 1.50
Sleeved Eng.	2982	182	3.0 L	6	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
Vin: K	3294 3703	201 226	3.3 L 3.7 L	6 6	1993-97 1999-11		93.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 872 FV CR 732 FV CR	4636 4636020 4636030 4636040 4636060 2M4636 2M4636010 2M4636020 2M4636030 2M4636040 2M4636060	6	STD 0.50 0.75 1.00 1.50 6 0.25 0.50 0.75 1.00 1.50
Vin: P	4670	285	4.7 L	8	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	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
JEEP												
Vin: N	4703	287	4.7 L	8	1999-07	Cherokee	93.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4790 4790010 4790020 4790030 4790040	8	STD 0.25 0.50 0.75 1.00
									335 T PM DI 126 RVT PC GI 872 FV CR 732 FV CR	2M4790 2M4790010 2M4790020 2M4790030 2M4790040	8	STD 0.25 0.50 0.75 1.00
	4982	304	5.0 L	8	1971-81		95.25	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	568 568010 568020 568030 568040 568060 568080 568100	8	STD 0.25 0.50 0.75 1.00 1.50 2.00 2.50
									363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C568 2C568010 2C568020 2C568030 2C568040 2C568060	8	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	2M568 2M568010 2M568020 2M568030 2M568040 2M568060 2M568080 2M568100	8	STD 0.25 0.50 0.75 1.00 1.50 2.00 2.50
	3687 3802 4228	225 232 258	3.7 L 3.8 L 4.2 L	6	1966-71 1966-83 1971-90		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
	3507	214	3.5 L	6	1993-94		96.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4648 4648010 4648020 4648030 4648040 4648060	6	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	2M4648 2M4648020 2M4648030 2M4648040 2M4648060	6	STD 0.50 0.75 1.00 1.50
G	3604	220	3.6 L	6	2010-18	Grand Cherokee, Wrangler	96.00	1.20 1.20 2.50	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














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
JEEP												
Vin:1	3785	231	3.8 L	6	2001-12	Wrangler	96.00	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 872 FV CR 732 FV CR 397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2C4890 2C4890004 2C4890010 2C4890020 2C4890030 2C4890040 2C4890060 2M4890 2M4890010 2M4890020 2M4890030 2M4890040	6	STD 0.10 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00
	5735	350	5.7 L	8	1968-71		96.52	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	696 696010 696020 696030 696040 696060 2C696 2C696010 2C696020 2C696030 2C696040 2C696060 2M696 2M696020 2M696030 2M696040 2M696060	8	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
L4 Vin P	2458	150	2.5 L	4	1996-02		98.43	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 056 FV CR 732 FV CR	4925 4925020 4925030 4925040 4925060 2M4925 2M4925020 2M4925030 2M4925040 2M4925060	4	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
	2458	150	2.5 L	4	1983-95	Eagle	98.43	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	665 665010 665020 665030 665040 665060 2C665 2C665010 2C665020 2C665030 2C665040 2C665060 2M665 2M665010 2M665020 2M665030 2M665040 2M665060 2M665080	4	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50 2.00
Vin:S	3966	242	4.0 L	6	1996-06	Shallow Oil Ring Grv.	98.43	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 056 FV CR 732 FV CR	4815 4815020 4815030 4815040 2M4815 2M4815020 2M4815030 2M4815040 2M4815060	6	STD 0.50 0.75 1.00 STD 0.50 0.75 1.00 1.50














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
JEEP												
	3966	242	4.0 L	6	1986-95		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
	3966	242	4.0 L	6		Powertech, Cherokee Export	98.43	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	9549 9549020 9549030 9549040 9549060	2	STD 0.50 0.75 1.00 1.50
	5211	318	5.2 L	8	1992-97	Shallow Oil Ring Grv.	99.31	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4735 4735020 4735030 4735040 4735060	8	STD 0.50 0.75 1.00 1.50
									363 BF CR GI 126 RVT PC GI 872 FV CR 732 FV CR	2C4735 2C4735020 2C4735030 2C4735040 2C4735060	8	STD 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2M4735 2M4735020 2M4735030 2M4735040 2M4735060	8	STD 0.50 0.75 1.00 1.50
Vin: D,H,2	5703	348	5.7 L	8	2003-08	Hemi	99.50	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 997 FV CR 732 FV CR	5097 5097010 5097020 5097030 5097040	8	STD 0.25 0.50 0.75 1.00
									397 BF PM S 126 RVT PC GI 997 FV CR 732 FV CR	2M5097 2M5097010 2M5097020 2M5097030 2M5097040 2M5097060	8	STD 0.25 0.50 0.75 1.00 1.50
	2474	151	2.5 L	4	1981	Shallow Oil Ring Grv.	101.60	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	5630 5630020 5630030 5630040	4	STD 0.50 0.75 1.00
									362 BF 3CR GI 126 RVT PC GI 872 FV CR 732 FV CR	2C5630 2C5630020 2C5630030 2C5630040 2C5630060	4	STD 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2M5630 2M5630020 2M5630030 2M5630040	4	STD 0.50 0.75 1.00

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
JEEP												
	2474	151	2.5 L	4	1980		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
	2474	151	2.5 L	4	1982-84	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
	5359	327	5.4 L	8	1966-68		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	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
JEEP												
	5899	360	5.9 L	8	1998		101.60	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 635 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 635 FV CR 732 FV CR	4346 4346020 4346030 4346040 4346060 2M4346 2M4346010 2M4346020 2M4346030 2M4346040 2M4346060	8	STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
	6063	370	6.1 L	8	2005-10		103.00	1.50 1.50 3.00	336 T PM DI 126 RVT PC GI 054 FV CR 732 FV CR	2M4907 2M4907010 2M4907020 2M4907030 2M4907040 2M4907060	8	STD 0.25 0.50 0.75 1.00 1.50
	5899	360	5.9 L	8	1971-91		103.63	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	693 693020 693030 693040 693060 2C693 2M693 2M693020 2M693030 2M693040 2M693060	8	STD 0.50 0.75 1.00 1.50 STD STD 0.50 0.75 1.00 1.50
	6571	401	6.6 L	8	1974-77		105.79	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	672 672030 672040 2C672 2M672 2M672030	8	STD 0.75 1.00 STD STD 0.75
JOHN DEERE-Combines												
12A				2			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.	1885	115	1.9 L	4			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 362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7119 2C7119	4	STD STD
HC145G 45 Hi-Lo Sleeved Eng.	2376 2376	145 145	2.4 L 2.4 L	4 4			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














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
JOHN DEERE-Combines												
5A, 35				4			95.25	3.18	362 BF 3CR GI 126 RVT PC GI	2C7669	4	STD
								3.18	126 RVT PC GI			
								3.18	126 RVT PC GI			
								4.75	860 FV CR 732 FV CR			
HC165 Gas 45 Hi-Lo 55, 95, 105 55, 95M, 105 Sleeved Eng.	4064	248	4.1 L	4 4 6		Diesel, Gas, LPG 4 Ring Piston	98.43	2.38	363 BF CR GI	2C7118	2	STD
								2.38	126 RVT PC GI			
								2.38	126 RVT PC GI			
								4.75	501 1PCO PC GI 825 2PCO			
55, 95, 105				4		3 Ring Piston	98.43	2.38	363 BF CR GI	2C7158	2	STD
								2.38	126 RVT PC GI			
								4.75	860 FV CR 732 FV CR			
HA341G 105				4 6		4 Cyl. & 6 Cyl.	107.95	2.38	363 BF CR GI	2C7675 2C7675020 2C7675045	2	STD 0.50 1.13
								2.38	126 RVT PC GI			
								2.38	126 RVT PC GI			
								6.35	860 FV CR 732 FV CR			
JOHN DEERE-Engine & Power Units												
				2		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			
115 Series Sleeved Eng.				4		Gas	88.90	2.38	032 BF PC GI	7119	4	STD
								2.38	126 RVT PC GI			
								2.38	126 RVT PC GI			
								4.75	860 FV CR 732 FV CR			
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7119	4	STD
145 Series HA145 Sleeved Eng.				4 4		Gas & Diesel	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			
165 Series 248 Series Sleeved Eng.				4 6		Gas & Diesel Gas, LPG & Diesel	98.43	2.38	363 BF CR GI	2C7118	2	STD
								2.38	126 RVT PC GI			
								2.38	126 RVT PC GI			
								4.75	501 1PCO PC GI 825 2PCO			
241 Series 360 Series				4 6			107.95	2.38	363 BF CR GI	2C7236	2	STD
								2.38	126 RVT PC GI			
								4.75	860 FV CR 732 FV CR			
HA341G				4			107.95	2.38	363 BF CR GI	2C7675 2C7675020 2C7675045	2	STD 0.50 1.13
								2.38	126 RVT PC GI			
								2.38	126 RVT PC GI			
								6.35	860 FV CR 732 FV CR			
60 Eng.				2			139.70	4.75	362 BF 3CR GI	2C7731 2C7731040 2C7731090	2	STD 1.00 2.25
								4.75	102 T PC GI			
								4.75	401 SCR P PC GI			
								4.75	401 SCR P PC GI			
								7.94	501 1PCO PC GI 825 2PCO			
R				2		Diesel	146.05	3.18	362 BF 3CR GI	2C7784 2C7784125	2	STD 3.13
								3.18	102 T PC GI			
								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			

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
												
JOHN DEERE-Engine & Power Units												
70 Eng.				2		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
JOHN DEERE-Tractors												
V4 Starting Eng				4		730 & 830 Series	50.80	2.38 2.38 4.75	102 T PC GI 401 SCRP PC GI 501 1PCO PC GI	7707	4	STD
	4670 5244 5326 5490 5654	285 320 325 335 345	4.7 L 5.2 L 5.3 L 5.5 L 5.7 L	2 2 2 2 2		F710, F725 Models w/Kawasaki (twin)	74.00	1.20 1.20 3.00	398 BF CR S 126 RVT PC GI 996 FV CR 732 FV CR	2C5025 2C5025010 2C5025020 2C5025030 2C5025040	2	STD 0.25 0.50 0.75 1.00
						L After S/N 624999	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
						L After S/N 624999	82.55	3.18 3.18 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7843	2	STD
				4		33, 35, 36, 36A, 36B	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
						L After S/N 624999	82.55	3.18 3.18 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5060	4	STD
				2		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
1010	1885	115	1.9 L	4		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
						L After S/N 624999	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	2C7119	4	STD
				2		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
2010 550, 660 1010 Sleeved Eng.	2376	145	2.4 L	4		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
Sleeved Eng.				4		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
	2704	165	2.7 L	4		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
	2704	165	2.7 L	4		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

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
												
JOHN DEERE-Tractors												
				2		40, 40 Crawler, M, MC, MI, MT	101.60	4.00	362 BF 3CR GI 4.00 102 T PC GI 3.18 401 SCRPP PC GI 6.35 860 FV CR 732 FV CR	2C7771	2	STD
				2		40, 40C, 40S, 40 Crawler, 320, 330	101.60	2.38	362 BF 3CR GI 2.38 126 RVT PC GI 2.38 126 RVT PC GI 6.35 860 FV CR 732 FV CR	2C7654	2	STD
				4 6		3010 4010 Gas	101.60	2.38	362 BF 3CR GI 2.38 126 RVT PC GI 2.38 126 RVT PC GI 6.35 860 FV CR 6.35 501 1PCO PC GI	2C7113	2	STD
	3949 5899	241 360	3.9 L 5.9 L	4 6		3020 4020, 4230 Gas or LPG	107.95	2.38	363 BF CR GI 2.38 126 RVT PC GI 4.75 860 FV CR 732 FV CR	2C7236	2	STD
Sleeved Eng.	3720 4425 5588 6620 6883 7046 7210	227 270 341 404 420 430 440	3.7 L 4.4 L 5.6 L 6.6 L 6.9 L 7.0 L 7.2 L	4 4 6 6 2 2 2		3020 Gas JD500 Diesel 4020 Gas JD600 Diesel	107.95	2.38	363 BF CR GI 2.38 126 RVT PC GI 2.38 126 RVT PC GI 6.35 860 FV CR 732 FV CR	2C7675 2C7675020 2C7675045	2	STD 0.50 1.13
	6571	401	6.6 L	6		401DT Diesel 9000 Turbo	111.76	3.18	372 FKST CR DI 2.38 126 RVT PC GI 2.38 126 RVT PC GI 4.75 565 CF CR GI 881 2PCO	2C7012	6	STD
				2		B, BI, BN, BO, BR, After S/N 32900 BW S/N 60000-201000	114.30	4.75	362 BF 3CR GI 4.75 102 T PC GI 4.75 102 T PC GI 4.75 501 1PCO PC GI 825 2PCO	2C7733 2C7733045 2C7733090	2	STD 1.13 2.25
				2		B, BN, BW, After S/N 200999	119.06	4.75	362 BF 3CR GI 4.75 102 T PC GI 4.75 102 T PC GI 4.75 401 SCRPP PC GI 7.94 501 1PCO PC GI 825 2PCO	2C4965 2C4965045 2C4965090	2	STD 1.13 2.25
				2		A, AH, AI, AN, ANH, AO, AR, AW, AWH, Gen. Purp.; 60H, 60 Std.	139.70	6.35	362 BF 3CR GI 6.35 102 T PC GI 6.35 102 T PC GI 6.35 710 FV CR 732 FV CR 825 2PCO 6.35 501 1PCO PC GI	2C722	2	STD
				2		A, AO, AR, AN, AW, 60, Own 60	139.70	4.75	362 BF 3CR GI 4.75 102 T PC GI 4.75 401 SCRPP PC GI 4.75 401 SCRPP PC GI 7.94 501 1PCO PC GI 825 2PCO	2C7731 2C7731040 2C7731090	2	STD 1.00 2.25
				2		620, 620H, 620S, 6200, 630, 630H, 630S 6 Ring Piston	139.70	3.18	362 BF 3CR GI 3.18 102 T PC GI 3.18 102 T PC GI 6.35 501 1PCO PC GI 825 2PCO 3.18 102 T PC GI 6.35 501 1PCO PC GI	2C7940 2C7940045	2	STD 1.13
				2		R, Own R Diesel	146.05	3.18	362 BF 3CR GI 3.18 102 T PC GI 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	2C7784 2C7784125	2	STD 3.13

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
JOHN DEERE-Tractors												
				2		70 Gas & LPG, Own 70	149.23	3.18	362 BF 3CR GI 102 T PC GI	2C7642 2C7642045	2	STD 1.13
				2		720, 720H, 720S, 730, 730H, 730S Gas	152.40	3.18	102 T PC GI 102 T PC GI 401 SCRPP PC GI 501 1PCO PC GI 501 1PCO PC GI	2C7998 2C7998045	2	STD 1.13
				2 2 2		70D, 70DH, 70DS, 720D, 720DS To S/N 7214899 70 Gas or LPG 70, 70H, 70S 80, 820 Diesel To S/N 8203099	155.58	3.18	362 BF 3CR GI 102 T PC GI 102 T PC GI 102 T PC GI 501 1PCO PC GI 825 2PCO 501 1PCO PC GI	2C7674 2C7674045 2C7674120	2	STD 1.13 3.00
				2 2		720D, 720DH, 720DS, 730D, 730H, 730DS From S/N 7214900 820 Diesel From S/N 8203100; 830, 840 Diesel	155.58	3.57	381 FKST CR DI 102 T PC GI 102 T PC GI 102 T PC GI 501 1PCO PC GI 825 2PCO 501 1PCO PC GI	2C7690	2	STD
KIA												
B1	1138		1.1 L	4	1991-00	Pride	68.00	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 996 FV CR 732 FV CR	2C5059 2C5059010 2C5059020 2C5059030 2C5059040	4	STD 0.25 0.50 0.75 1.00
G4LA	1248		1.2 L	4	2011-18	Picanto, Rio	71.00	1.00 1.20 2.00	398 BF CR S 406 N PC DI 987 FV GN SS 714 GN SS	2C4068 2C406825 2C406850	4	STD 0.25 0.50
G4EA	1341		1.3 L	4	2010-16		71.50	1.20 1.20 2.00	398 BF CR S 435 SCRPP PC GI 993 FV CR 005 FV CR	2C5389 2C538950 2C5389100	4	STD 0.50 1.00
A5D Mazda Eng DC DOHC	1493		1.5 L	4	2000-06	w/2.5mm oil grv	75.50	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 934 FV CR 732 FV CR	2C5184 2C5184020 2C5184030 2C5184040 2C5184060	4	STD 0.50 0.75 1.00 1.50
G4ED Euro 4 DOHC	1599		1.6 L	4	2004-11	Cerato, Pride, Rio	76.50	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C4526 2C4526020 2C4526030	4	STD 0.50 0.75
G4ED DOHC	1599		1.6 L	4	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	1591		1.6 L	4	2008-16	Forte, Ray, Rio, Soul	77.00	1.20 1.20 2.00	398 BF CR S 435 SCRPP PC GI 993 FV CR 5 FV CR	2C4504 2C450450 2C4504100	4	STD 0.50 1.00

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
KIA												
B6 SOHC/DOHC	1597		1.6 L	4	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
A6D DOHC	1597		1.6 L	4	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
B6D SOHC, DOHC	1597		1.6 L	4	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	2497		2.5 L	6	1999-On	Carnival 24V	80.00	1.20 1.50 2.50	398 BF CR S 401 SCRPP PC GI 995 FV CR 732 FV CR	2C5221 2C5221020	6	STD 0.50
G4NBB DOHC	1999		2.0 L	4	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	1975		2.0 L	4	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 D4EA	1493 1991		1.5 L 2.0 L	3	2004-12	Getz, Accent, Matrix 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
	1839		1.8 L	4	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 SCRPP PC GI 987 FV GN SS 714 GN SS	2N4651	4	STD

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

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
KOHLER												
				4		L654	66.68	2.38 2.38 4.75	102 T PC GI 126 RVT PC GI 871 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 871 FV CR 732 FV CR	7859 2C7859 2C7859020 2C7859030 2C7859040	4	STD 0.50 0.75 1.00
				2		CH 18, 20, 22; CV16, 18, 20, 22,	77.00	1.50 1.50 3.00	335 T PM DI 401 SCRP PC GI 054 FV CR 732 FV CR	2M4765	1	STD
				2		KT17 Twin, M-18	79.38	1.60 1.60 4.00	363 BF CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C6170	2	STD
				1		CH 22, 23 CH680	80.00	1.50 1.50 3.00	102 T PC GI 102 T PC GI 054 FV CR 732 FV CR	5032 5032020	1	STD 0.50
				2		CH25, CH26, CH732, CH740, CH750, Twin CV25, CV26, CV730, CV740, CV750	83.00	2.50 2.50 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	5376 5376010 5376020	2	STD 0.25 0.50
				1		K301S K532S Use 2 sets	85.73	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	6474 6474010 6474030 2C6474 2C6474010	1	STD 0.25 0.75 STD 0.25
				1		Command Eng. 11, 12 1/2, 14 H.P.	87.00	1.50 1.50 3.00	102 T PC GI 102 T PC GI 054 FV CR 732 FV CR	4756 4756010 4756020	1	STD 0.25 0.50
				1		K321S K592 Use 2 sets	88.90	2.38 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6667 6667020	1	STD 0.50
				1		K341	95.25	2.38 2.38 4.75	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5311 2C5311020 2C5311030	1	STD 0.50 0.75
LADA												
BA3 2101, BA3 2103,BA3 21081 BA3 2103 (KAT)	1198 1452		1.2 L 1.5 L	4	1972-86 1972-04	1200, Samara1300 Nova1500	76.00	1.50 2.00 4.00	032 BF PC GI 401 SCRP PC GI 056 FV CR 732 FV CR 362 BF 3CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	4493 4493016 4493024 4493032 4493040 4493063 2C4493 2C4493010 2C4493016 2C4493020 2C4493024 2C4493030 2C4493032 2C4493040 2C4493060 2C4493063	4	STD 0.40 0.60 0.80 1.00 1.60 STD 0.25 0.40 0.50 0.60 0.75 0.80 1.00 1.50 1.60
	1300		1.3 L	4	1987-On	Samara	76.00	1.50 2.00 4.00	032 BF PC GI 401 SCRP PC GI 055 FV CR 732 FV CR 362 BF 3CR GI 401 SCRP PC GI 055 FV CR 732 FV CR	4460 4460016 4460032 2C4460 2C4460016 2C4460020 2C4460032	4	STD 0.40 0.80 STD 0.40 0.50 0.80

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
LADA												
	1499		1.5 L	4	2000-On	Natacha, Sagona, Samara	82.00	1.50 2.00 4.00	362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C9377 2C9377016 2C9377032	4	STD 0.40 0.80
	1500		1.5 L	4	1987-On	Samara	82.00	1.50 2.00 4.00	032 BF PC GI 126 RVT PC GI 055 FV CR 732 FV CR	4461 4461016 4461032	4	STD 0.40 0.80
									362 BF 3CR GI 126 RVT PC GI 055 FV CR 732 FV CR	2C4461 2C4461016 2C4461032	4	STD 0.40 0.80
	1600		1.6 L	4		2121 NIVA 4WD	79.00	1.50 2.00 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	6143 6143020 6143040	4	STD 0.50 1.00
									362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C6143 2C6143016 2C6143020 2C6143024 2C6143032 2C6143040 2C6143060 2C6143063	4	STD 0.40 0.50 0.60 0.80 1.00 1.50 1.60
	1800		1.8 L	4	1993-On	Aleko	85.00	1.50 2.00 3.00	362 BF 3CR GI 401 SCRIP PC GI 054 FV CR 732 FV CR	2C9340	4	STD
XUD9A	1905		1.9 L	4	1993-On	Diesel Eng	83.00	2.00 2.00 3.00	239 BF CC DI 123 RVT PC DI 204 CF CR DI	2D7435 2D743525 2D743550	1	STD 0.25 0.50
XUD9SD	1905		1.9 L	4	1999-On	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
LEXUS												
2ZR-FE DOHC Toyota Eng.	1798	110	1.8 L	4	2011-15	1.5 mm Oil Grv.	80.50	1.00 1.00 1.50	398 BF CR S 123 RVT PC DI 981 FV CR 005 FV CR	2C4113 2C4113020 2C4113030 2C4113040	4	STD 0.50 0.75 1.00
2JZGE, 2JZGTE	2997		3.0 L	6	1992-06	GS300, SC300	86.00	1.50 1.50 4.00	376 BF CR DI 435 SCRIP PC GI 058 FV CR 732 FV CR	2C4713 2C4713010 2C4713020 2C4713030 2C4713040	6	STD 0.25 0.50 0.75 1.00
2VZFE	2507		2.5 L	6	1990-91	ES250	87.50	1.50 1.50 3.00	335 T PM DI 126 RVT PC GI 997 FV CR 732 FV CR	2M4676 2M4676010 2M4676020 2M4676030 2M4676040	6	STD 0.25 0.50 0.75 1.00
3VZ-F, 3VZFE	2959		3.0 L	6	1992-93	ES300	87.50	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 856 FV CR 732 FV CR	4689 4689020 4689030 4689040	6	STD 0.50 0.75 1.00
									397 BF PM S 126 RVT PC GI 856 FV CR 732 FV CR	2M4689 2M4689010 2M4689020 2M4689030 2M4689040	6	STD 0.25 0.50 0.75 1.00
1MZFE	2959		3.0 L	6	1994-05	ES300	87.50	1.20 1.20 3.00	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4902 2C4902010 2C4902020 2C4902030 2C4902040	6	STD 0.25 0.50 0.75 1.00
1UZFE	3969		4.0 L	8	1990-00	LS400, SC400	87.50	1.50 1.50 3.00	335 T PM DI 126 RVT PC GI 997 FV CR 732 FV CR	2M4678 2M4678020 2M4678030 2M4678040	8	STD 0.50 0.75 1.00

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
LEXUS												
2AZ-FXE DOHC	2362		2.4 L	4	2010-12	HS	88.50	1.00 1.00 2.00	398 BF CR S 123 RVT PC DI 991 FV CR 005 FV CR	2C5267 2C5267010 2C5267020 2C5267030 2C5267040	4	STD 0.25 0.50 0.75 1.00
3UZFE DOHC 32V	4293		4.3 L	8	2001-10	GS430, LS430	91.00	1.20 1.20 3.00	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4561	8	STD
3MZFE DOHC	3310		3.3 L	6	2004-08	ES, RX	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
2GRFE DOHC	3456		3.5 L	6	2007-12	ES350, GS350, GS450, RX350	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
1URFE 2URFE 3URFE DOHC	4608 4969 5663		4.6 L 5.0 L 5.7 L	8 8 8	2007-15 2008-16 2008-16	GX LX LX	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	4663		4.7 L	8	2004-09	LX470	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	4663		4.7 L	8	1999-06	LX470	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
1FZFE	4477		4.5 L	6	1996-97	LX450	100.00	1.75 2.00 4.00	363 BF CR GI 126 RVT PC GI 052 FV CR 732 FV CR	2C4776 2C4776010 2C4776020 2C4776030 2C4776040	6	STD 0.25 0.50 0.75 1.00
M.G.												
	1098		1.1 L	4	1963-66	1100 MG-Midget, MK II	64.57	1.60 1.60 1.60 3.18	032 BF PC GI 032 BF PC GI 401 SCRP PC GI 716 FV 710 FV CR	6742 6742010 6742020 6742030 6742040 6742060 6742080 6742100 6742120	4	STD 0.25 0.50 0.75 1.00 1.50 2.00 2.50 3.00
				4		TC, TD w/Covmo Piston #12387	69.04	1.60 1.60 4.00	102 T PC GI 102 T PC GI 058 FV CR 732 FV CR	6893	4	STD
	1275		1.3 L	4	1967-74	Midget Mark III, 1300 Hepolite Piston 20394, 20747, 20814	70.61	1.60 1.60 1.60 4.00	102 T PC GI 102 T PC GI 102 T PC GI 058 FV CR 732 FV CR	6802 6802020 6802030 6802040 6802060	4	STD 0.50 0.75 1.00 1.50
				4				1.60 1.60 4.00	362 BF 3CR GI 102 T PC GI 102 T PC GI 058 FV CR 732 FV CR	2C6802 2C6802020 2C6802030 2C6802040 2C6802060	4	STD 0.50 0.75 1.00 1.50
	1275		1.3 L	4	1967-73	Midget, MK11, 1300A A+ Series MG Metro	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

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
M.G.												
	1489		1.5 L	4	1956-61	A' Series Midget, Magnette ZA, Mark III, MGA 1500	73.03	1.60 1.60 1.60 4.00	102 T PC GI 102 T PC GI 102 T PC GI 058 FV CR 732 FV CR	5897 5897020 5897030 5897040 5897060	4	STD 0.50 0.75 1.00 1.50
	1500		1.5 L	4	1975-79	Midget Mark III	73.66	1.60 1.60 4.00	102 T PC GI 401 SCRPP PC GI 058 FV CR 732 FV CR	6840 6840010 6840020 6840030 6840040 6840060	4	STD 0.25 0.50 0.75 1.00 1.50
	1798		1.8 L	4	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
	1798		1.8 L	4	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
MACK												
				6		CU EN354 5 Ring Piston	98.43	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	4064	6	STD
				6		BC, CE, EN330 4 Ring Piston	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
				6		BJ, BK, CT 4 Ring Piston	114.30	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	2C4056	6	STD
MASSEY-FERGUSON-Balers, Reapers & Threshers												
VF4				4		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
				4					362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4215	4	STD
				6		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
				6					362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4072	6	STD

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
MASSEY-FERGUSON-Balers, Reapers & Threshers												
				6		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
				6		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		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
MASSEY-FERGUSON-Combines												
FC				4		WAUKESHA Engine 15, 17	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
VF4				4		Wis. 50 P.T. Swather	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		30 Eng. Chry. Ind. 72, 82 Cont. Eng. 82, 92	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	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
MASSEY-FERGUSON-Combines												
	2786	170	2.8 L	6		Chry. Ind. MF205 H225 Gas Chry. Ind. MF300	86.36	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	687 687020 687030 687040 687060 2C687 2C687020 2C687030 2C687040 2C687060 2M687 2M687030 2M687040 2M687060	6 6 6	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50 STD 0.75 1.00 1.50
	4343	265	4.3 L	6		Chry. Ind. 92, Super 92	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 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	445 2C445	6 6	STD STD
AD4.203				4		Perkins MF300 For Late Piston Diesel Eng Chrome Slv use 7140 only	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		14 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
	4785	292	4.8 L	6		Chev. 410	98.43	2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	668 668010 668020 668030 668040 668060 668080 2C668 2C668010 2C668020 2C668030 2C668040 2C668060 2C668080 2M668 2M668010 2M668020 2M668030 2M668040 2M668060 2M668080	6 6 6	STD 0.25 0.50 0.75 1.00 1.50 2.00 STD 0.25 0.50 0.75 1.00 1.50 2.00 STD 0.25 0.50 0.75 1.00 1.50 2.00
				4		11, 12	101.60	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	2C702	4	STD














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
MASSEY-FERGUSON-Combines												
	5359	327	5.4 L	8		Chev. 510	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
MASSEY-FERGUSON- Tractors												
N62 Continental Eng.				4		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 0.75
									362 BF 3CR GI 126 RVT PC GI 870 FV CR 732 FV CR	2C5671 2C5671030	4	STD 0.75
F124 Continental Eng.				4		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
D504-6				6		101S Tractor	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
S137 Repl.				6		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	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
MASSEY-FERGUSON- Tractors												
Z129 Continental Eng.				4		TO30	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
Z134 Continental Eng. Sleeved Eng.				4		F40, 50, MF35, 50, 202, 204, 2135, 2200, MH50, TO35	84.14	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	2C7578	4	STD
Z145 Continental Eng.				4		MF135G, MF150G	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
AG4-212				4		Perkins MF30G, MF165G	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
				4		15-22, GI, GP	101.60	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	2C702	4	STD
Sleeved Eng.				4		44 Series Gas, Dist. & Diesel Eng w/Superior A1065 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
MASSEY-FERGUSON- Increased Bore Sleeve												
				4		Models TE20, TO20+ G13G13824:G13887 McQuay Norris Kit #SA186 Sealed Power Kit #SL1881 Allied Slv Kit #WSA312 Ertel Slv Kit #SA213 Permite Slv Kit #CDA178 Thompson Slv Kit #SA169 White Machine #G219HCH	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	7582	4	STD
				4		Models TE20, TO20 McQuay Norris Kit #SA186 Sealed Power Kit #SL1881 Allied Slv Kit #WSA312 Ertel Slv Kit #SA213 Permite Slv Kit #CDA178 Thompson Slv Kit #SA169 White Machine #G219HCH	84.14	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	7537	4	STD
				4		Continental Z129, Z134 Eng. Conversion; Continental TO30, Z134 Eng. 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		Continental Z129, Z134 Eng 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		Continental Z129, Z134 Eng 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














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
MASSEY-FERGUSON- Increased Bore Sleeve												
				4		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	2C7997	4	STD
				4		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
MAZDA												
PB	1000		1.0 L	4	1968-74		68.00	2.00 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 058 FV CR 732 FV CR	4277	4	STD
TB	1169		1.2 L	4	1968-76	200	70.00	2.00 2.00 4.00	362 BF 3CR GI 401 SCRPP PC GI 058 FV CR 732 FV CR	2C6880	4	STD
B3 SOHC	1323		1.3 L	4	1988-99	Familia, Demio	71.00	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 054 FV CR 732 FV CR	2C4451 2C4451010 2C4451020 2C4451030 2C4451040 2C4451060	4	STD 0.25 0.50 0.75 1.00 1.50
CR12DE	1240		1.2 L	4	2007-On	Familia	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
DHF, DHG	1242		1.2 L	4	1996-03	121 III	71.90	1.20 1.50 2.50	398 BF CR S 435 SCRPP PC GI 989 FV CR 732 FV CR	2C5637	4	STD
Vin T	1200 1300		1.2 L 1.3 L	4 4	1970-78	1300 Mini Mizer; 818	73.00	2.00 2.00 4.00	032 BF PC GI 401 SCRPP 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 SCRPP PC GI 058 FV CR 732 FV CR	2C6714 2C6714020 2C6714030 2C6714040 2C6714060	4	STD 0.50 0.75 1.00 1.50
TC	1272		1.3 L	4	1970-84	Familia/Familia Presto/Mazda 1300	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
F6JA, F6JB	1399		1.4 L	4	2003-07	2 1.4 CD 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	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
MAZDA												
J4R, J4T JJA, JJK, JJM	1299		1.3 L	4	1996-03	121 III 1.3	74.00	1.50 1.75 3.00	032 BF PC GI 401 SCRPP PC GI 054 FV CR 732 FV CR	4988 4988020 4988040	4	STD 0.50 1.00
									362 BF 3CR GI 401 SCRPP PC GI 054 FV CR 732 FV CR	2C4988 2C4988010 2C4988020 2C4988030 2C4988040	4	STD 0.25 0.50 0.75 1.00
UA	1484		1.5 L	4	1971-On		75.00	2.00 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR	6813 6813020 6813030 6813040 6813060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C6813 2C6813010 2C6813020 2C6813030 2C6813040 2C6813060	4	STD 0.25 0.50 0.75 1.00 1.50 1.60
UA	1484		1.5 L	4	1971-On	Shallow Oil Ring Grv.	75.00	2.00 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 856 FV CR 732 FV CR	6818 6818020 6818030 6818040 6818060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 401 SCRPP PC GI 856 FV CR 732 FV CR	2C6818 2C6818010 2C6818020 2C6818030 2C6818040 2C6818060	4	STD 0.25 0.50 0.75 1.00 1.50
K8	1845		1.8 L	6	1992-97	MX-3	75.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 996 FV CR 732 FV CR	4772 4772010 4772020 4772030 4772040	6	STD 0.25 0.50 0.75 1.00
									363 BF CR GI 126 RVT PC GI 996 FV CR 732 FV CR	2C4772 2C4772020 2C4772030 2C4772040	6	STD 0.50 0.75 1.00
Z5	1498		1.5 L	4	1995-98	Protege	75.30	1.00 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C4919 2C4919020 2C4919030 2C4919040	4	STD 0.50 0.75 1.00
E3, Gasoline E5	1296 1490		1.3 L 1.5 L	4 4	1981-86 1980-86	Familia, GLC GLC	77.00	1.20 1.50 4.00	398 BF CR S 401 SCRPP PC GI 058 FV CR 732 FV CR	2C6154 2C6154010 2C6154020 2C6154030 2C6154040 2C6154060	4	STD 0.25 0.50 0.75 1.00 1.50
UC	1415		1.4 L	4	1978-80	GLC	77.00	1.50 1.50 4.00	032 BF PC GI 401 SCRPP PC GI 058 FV CR 732 FV CR	6134 6134010 6134020 6134024 6134030 6134032 6134040 6134060	4	STD 0.25 0.50 0.60 0.75 0.80 1.00 1.50
									363 BF CR GI 401 SCRPP PC GI 058 FV CR 732 FV CR	2C6134 2C6134010 2C6134020 2C6134030 2C6134040	4	STD 0.25 0.50 0.75 1.00


ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
MAZDA												
E3, E5	1490		1.5 L	4	1981-85	GLC, 1500 After Jan 82	77.00	1.50 2.00 4.00	032 BF PC GI 435 SCRPP PC GI 058 FV CR 732 FV CR	6175 6175010 6175020 6175030 6175040 6175060	4	STD 0.25 0.50 0.75 1.00 1.50
									363 BF CR GI 435 SCRPP PC GI 058 FV CR 732 FV CR	2C6175 2C6175010 2C6175020 2C6175030 2C6175040 2C6175060	4	STD 0.25 0.50 0.75 1.00 1.50
									322 BF GN SS 435 SCRPP PC GI 58 FV CR 732 FV CR	2N6175	4	STD
UB SOHC	1490		1.5 L	4	1966-73	Mazda Luce 1500 Capella	78.00	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	4381 4381040	4	STD 1.00
									362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C4381 2C4381020 2C4381040	4	STD 0.50 1.00
NA B6, B6-ME, B6-ZE VB	1586 1597 1797		1.6 L 1.6 L 1.8 L	4 4 4	1972-77 1988-95 1972-78	B1600 323, Miata 618, B1800	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
ZL DOHC	1597		1.6 L	4	1999-On	16 Valve, Protege	78.00	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 054 FV CR 732 FV CR	2C5115 2C5115010 2C5115020 2C5115030 2C5115040	4	STD 0.25 0.50 0.75 1.00
B6Y2	1597		1.6 L	4	1990-94	MX-3	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
VB OHC-4	1796		1.8 L	4	1968-79	Luce, B1800	78.00	1.20 1.50 4.00	398 BF CR S 126 RVT PC GI 058 FV CR 732 FV CR	2C4237 2C4237010 2C4237020 2C4237030 2C4237040 2C4237060	4	STD 0.25 0.50 0.75 1.00 1.50














ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
MAZDA												
KF DOHC	1995		2.0 L	6	1991-03	Mx-6, 323f Zxi, 626 LX	78.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 996 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 996 FV CR 732 FV CR	5289 5289020 5289040 2C5289 2C5289020 2C5289040	6	STD 0.50 1.00 STD 0.50 1.00
VC MA	1769 1970		1.8 L 2.0 L	4 4	1973-84 1977-85	B1800, Cosmo, Luce B2000, Cosmo, Luce	80.00	2.00 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	6761 6761020 6761030 6761040 6761060 2C6761 2C6761020 2C6761030 2C6761040	4	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00
	1970		2.0 L	4	1979-82	626 8V L4	80.00	1.20 1.50 4.00	398 BF CR S 126 RVT PC GI 056 FV CR 732 FV CR	2C6141 2C6141010 2C6141020 2C6141030 2C6141040 2C6141060	4	STD 0.25 0.50 0.75 1.00 1.50
	1970		2.0 L	4	1982-84	626 8V L4	80.00	1.50 2.00 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	6155 6155010 6155020 6155030 6155040 2C6155 2C6155010 2C6155020 2C6155030 2C6155040	4	STD 0.25 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00 1.50
KJ	2255		2.3 L	6	1995-02	Millenia	80.30	1.50 1.50 3.00	032 BF PC GI 401 SCRPP PC GI 054 FV CR 005 FV CR 363 BF CR GI 401 SCRPP PC GI 054 FV CR 005 FV CR	4918 4918020 4918030 4918040 2C4918 2C4918020 2C4918030 2C4918040	6	STD 0.50 0.75 1.00 STD 0.50 0.75 1.00
	1587		1.6 L	4		626 EXPORT ONLY	81.00	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 056 FV CR 732 FV CR	4665 4665020 4665030 4665040 4665060 2C4665 2C4665020 2C4665030	4	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75
F6	1597		1.6 L	4	1983-93	323, B1600 Shallow Oil Grv.	81.00	1.50 1.50 4.00	363 BF CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C4867 2C4867020 2C4867040	4	STD 0.50 1.00
GY-DE	2495		2.5 L	6	1999-02	MPV II	81.60	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 054 FV CR 732 FV CR	2C5160 2C5160020 2C5160030 2C5160040	6	STD 0.50 0.75 1.00

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
MAZDA												
VA	1985		2.0 L	4		Forklift	82.00	2.00 2.00 4.50	032 BF PC GI 126 RVT PC GI 870 FV CR 732 FV CR	4630	4	STD
RTJ, RTK SOHC	1753		1.8 L	4	1996-03	Mazda 121 III 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
FP	1839		1.8 L	4	1993-03	323 Astina, 626, Capella, Protege	83.00	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4771 2C4771010 2C4771020 2C4771030 2C4771040	4	STD 0.25 0.50 0.75 1.00
FS DOHC	1991		2.0 L	4	1993-06	626, MX-6, Protegé						
BP, BP01, BP05-VE Vin. 6, P DOHC, SOHC	1839		1.8 L	4	1990-05	323, Protégé 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 SCRPP PC GI 987 FV GN SS 714 GN SS	2N4651	4	STD
	1839		1.8 L	4		323 Race	83.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	5573 5573020	4	STD 0.50
									376 BF CR DI 126 RVT PC GI 054 FV CR 732 FV CR	2C5573 2C5573010 2C5573020 2C5573030 2C5573040 2C5573060	4	STD 0.25 0.50 0.75 1.00 1.50
FS, FP DOHC	1991		2.0 L	4	1993-03	MX6, 626	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
KL	2497		2.5 L	6	1993-02	626, MX-6, Millenia	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
RF55 R2	1998 2184		2.0 L 2.2 L	4 4	1992-97 1984-99	626 B Serie, E Serie, Spectron Diesel Eng	86.00	2.00 2.00 4.00	336 T PM DI 435 SCRPP PC GI 553 CF CR GI 881 2PCO	2D4210 2D421025 2D421050 2D421075 2D4210100	4	STD 0.25 0.50 0.75 1.00
RF, RF46 RF83	1998		2.0 L	4	1983-97	626, Spectron Diesel Eng	86.00	2.00 2.00 3.00	335 T PM DI 435 SCRPP PC GI 553 CF CR GI 881 2PCO	2D4989 2D498950 2D4989100	4	STD 0.50 1.00














ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
MAZDA												
M1 CARB	2555		2.6 L	4	1987-88	B2600 Pickup	91.10	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 056 FV CR 732 FV CR	5667 5667010 5667020 5667030 5667040 5667060 2C5667 2C5667010 2C5667020 2C5667030 2C5667040 2C5667060	4	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
G6	2605		2.6 L	4	1989-94	B2600i, MPV Truck	92.00	1.50 1.50 4.00	032 BF PC GI 401 SCRPP PC GI 870 FV CR 732 FV CR 363 BF CR GI 401 SCRPP PC GI 870 FV CR 732 FV CR 335 T PM DI 401 SCRPP PC GI 870 FV CR 732 FV CR	4216 4216010 4216020 4216030 4216040 4216060 2C4216 2C4216010 2C4216020 2C4216030 2C4216040 2M4216 2M4216010 2M4216020 2M4216030 2M4216040 2M4216060	4	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
ZB	4052		4.1 L	6		Forklift,	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
WL, WLAA	2499		2.5 L	4	2006-15	B Serie, BT-50 Diesel Eng	93.00	2.00 1.50 2.00	326 TBF GN SS 236 TF CR DI 203 CF GN SS 881 2PCO	2D7277	4	STD
HA	2977		3.0 L	4		Titan E3000 WE, WOF1 Diesel Eng	95.00	2.38 2.38 4.75	363 BF CR GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D4379 2D437925 2D437950	4	STD 0.25 0.50
	2507		2.5 L	4	1998-01	B2500 SOHC	96.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 054 FV CR 732 FV CR	4912 4912020 4912030 4912040 4912060 2C4912 2C4912020 2C4912030 2C4912040 2C4912060	4	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
MAZDA												
	2300		2.3 L	4	1994-97	B2300 Pickup	96.00	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 870 FV CR 732 FV CR	5761 5761020 5761030 5761040 5761060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 870 FV CR 732 FV CR	2C5761 2C5761020 2C5761030 2C5761040 2C5761060	4	STD 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 870 FV CR 732 FV CR	2M5761 2M5761020 2M5761030 2M5761040 2M5761060	4	STD 0.50 0.75 1.00 1.50
XS	4016		4.0 L	6	1991-07	Navajo, B4000 SOHC	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
MERCEDES-BENZ												
M160 E6AL B03, M160 E6AL B04	599		0.6 L	3	1998-On	Smart 600	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	4	STD 0.25 0.50
OM660.940 OM660.950	799		0.8 L	3	2004-On	Diesel Eng.	65.50	1.50 1.50 2.50	201 BF GN SS 202 TTF PC DI 248 CF CR 881 2PCO	2D7448	1	STD
M 166.940, M 166.960 M 166.961	1598		1.6 L	4	1997-04	A-Class, Vaneo 1.6	80.00	1.20 1.75 3.00	322 BF GN SS 275 TF CR DI 996 FV CR 732 FV CR	2N4138	4	STD
OM668.942 OM668.941 OM668.940 OM668.914 DOHC	1689		1.7 L	4	1998-05	A-Class, Vaneo Diesel Eng.	80.00	2.00 2.00 3.00	212 TBF CC DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2D7352	1	STD
M180.954	2292		2.3 L	6	1968-76	230.6	81.75	1.75 2.50 4.00	032 BF PC GI 401 SCRPP PC GI 860 FV CR 732 FV CR	4544	6	STD
									363 BF CR GI 401 SCRPP PC GI 860 FV CR 732 FV CR	2C4544	6	STD
M 271.942 (M271 DE18)	1796		1.8 L	4	2003-10	C Class, CLK	82.00	1.20 1.50 2.50	322 BF GN SS 126 RVT PC GI 987 FV GN SS 714 GN SS	2N4129	4	STD
M103.940, M103.941, M103.942 M103.943	2599		2.6 L	6	1982-93	Kombi Estate 260, S-Class 260 SE, 190	82.90	1.50 1.75 3.00	362 BF 3CR GI 126 RVT PC GI 054 FV CR 732 FV CR	2C5074 2C5074020	6	STD 0.50
M 266.920 M 266.940 M 266.960	1498 1699 2034		1.5 L 1.7 L 2.0 L	4 4 4	2004-12 2004-12 2004-12	A Class, B Class A Class, B Class 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






ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
												
MERCEDES-BENZ												
OM 639.939 Euro 4 OM 640.940 OM 640.941	1991		2.0 L	4	2004-12	A160, A180, A200, B180, B200 Diesel Eng	83.00	2.00 2.00 2.00	220 TBF PM DI 126 RVT PC GI 248 CF CR 881 2PCO	2M7382	1	STD
OM642	2987		3.0 L	6	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
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,	2143		2.1 L	4	2007-13	A-Class, B-Class, CLA,Viano, C-Class,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	2398		2.4 L	6	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	1799		1.8 L	4	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	2746		2.7 L	6	1972-On	S-Class 280, Saloon 280	86.00	1.75 2.50 4.00	362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C4303 2C4303020	6	STD 0.50
OM628.960, OM628.961 OM628.962, OM628.963 DOHC	3996		4.0 L	8	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
	2778		2.8 L	6	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 9505020 9505040	6	STD 0.50 1.00
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 056 FV CR 732 FV CR	2C9505 2C9505020 2C9505060	6	STD 0.50 1.50
OM601.911,OM601.912 OM602.911,OM602.912 OM602.930	1978 2497		1.9 L 2.5 L	4 5	1983-95 1985-93	190 D 2.0 190 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	2996		3.0 L	6	1979-93	G-Class 300, Kombi Estate						
				4		190D Mahle Piston	87.00	1.50 1.50 2.50 4.00	362 BF 3CR GI 102 T PC GI 401 SCRPP PC GI 56 FV CR 732 FV CR	2C4542 2C4542010 2C4542020 2C4542030 2C4542040	4	STD 0.25 0.50 0.75 1.00
OM615.915,OM615.940, OM615.961,OM615.963 OM615.965,OM615.968 OM615.969,OM615.970	1988		2.0 L	4	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
OM615,OM615.911, OM615.917,OM615.941 OM615.918,OM615.936 OM615.937,OM615.939	2197		2.2 L	4	1973-96	Henschel 2-T 206 T2/L, Unimog, Series F 20			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 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET  Set #	CYL SET 	SIZE 
MERCEDES-BENZ												
M115.923, M115.926 M115.938, M115.939	1988		2.0 L	4	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
OM615.913 OM615.910,OM615.912 OM615.914,OM615.916 OM615.930,OM615.932	1988 2197		2.0 L 2.2 L	4	1968-77 1968-80	8 200 D O 309 O 309 D, /8 200 D 3 PC Oil 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	2197		2.2 L	4	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
OM602.961,OM602A.962 OM605.960,OM605.962 OM603.961,OM603A.960 OM603A.963	2497 2996		2.5 L 3.0 L	5 6	1988-96 1986-96	C-Class, E-Class, 300TD 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
M 272.911, M 272.920 M 272.921, M 272.922 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	2496 2996		2.5 L 3.0 L	6 6	2005-11 2005-12	C-Class, E-Class 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
OM611LA,OM611.960 OM646.811,OM646.820 OM612.961,OM612.962 OM612.966,OM612.981 OM613.960,OM613.961	2148 2685 3222		2.1 L 2.7 L 3.2 L	4 5 6	1997-09 1999-07 1999-03	C-Class, E-Class, Sprinter 3,Vito Box C-Class, E-Class, M-Class E-Class,S-Class Diesel 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 M103.980,M103.981 M103.982, M103.983 M103.984, M103.987	2960 2962		3.0 L 3.0 L	6 6	1989-96 1985-97	Cabriolet 300, Saloon, 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
OM604 D OM601 D 23 OM602 D 29, OM602 D 29 LA OM603 D 35 A	2155 2299 2874 3449		2.2 L 2.3 L 2.9 L 3.5 L	4 4 5 6	1993-On 1988-00 1988-00 1992-97	C 220, E 220 208, 308, 408,508,Viano,Vito 290 GD, O 405,Sprinter, Vario 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
M102 E 20, M102 V 20				4	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
M111.957 M111.960 M104 E 28 M104 E 32, M112 E 32	1998 2199 2799 3199		2.0 L 2.2 L 2.8 L 3.2 L	4 4 6 6	1992-02 1992-96 1998-06 1991-05	E200, CLK200, C200 E220, C220, W202 C280,S280,E280 300 SE, E320,S 320 C320, E320,G320,S320, ML320,CLK320 V6 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
M113 E 43	4266		4.3 L	8	1997-07							
M161.971, M111.984, M111.981, M111.982, M111.980, M111.979, M111.978, M111.977, M111.975, M111.974, M111.973, M111.970	2295		2.3 L	4	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
OM617.913,OM617.931 OM617.932,OM617.933 OM617.950,OM617.952 OM616.913	2998		3.0 L	5	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
OM616.913,OM616.914 OM616.936,OM616.939	2399		2.4 L	4	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

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MERCEDES-BENZ												
OM616.916,OM616.932 OM617.910,OM617.912	2971 2998		2.4 L 3.0 L	4 5	1973-88 1974-85	8 240 D,T1 Bus 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 345 T PM GI 126 RVT PC GI 553 CF CR GI 881 2PCO	5325 2M5325 2M5325020	4 4	STD STD 0.50
OM616.916,OM616.932 OM617.910,OM617.912	2971 2998		2.4 L 3.0 L	4 5	1973-88 1974-85	8 240 D,T1 Bus 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
M116.960	3818		3.8 L	8	1980-84	S-Class 3.8, SL 380	92.00	1.75 2.00 3.50	363 BF CR GI 401 SCRPP PC GI 059 FV CR 732 FV CR	2C5760 2C5760020	8	STD 0.50
M116.980, M116.981 M116.982, M116.983 M116.984, M116.985 M117.982, M117.983 M117.986	3499 4520		3.5 L 4.5 L	8 8	1969-80 1972-80	S Class, SL 350 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 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	5490 2C5490	8 8	STD STD
M272DE35, M272KE35, M273KE46, 272.960 DOHC FI 24V	3498		3.5 L	6	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	2308		2.3 L	4	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 363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	5373 2C5373 2C5373020 2C5373040	4 4	STD STD 0.50 1.00
M102.985, M102.980 M102.981	2299		2.3 L	4	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 M 117.967, M 117.968	4973 5547		5.0 L 5.5 L	8 8	1991-01 1985-92	SL 500, S-Class 500 S-Class 560 SE, SEL	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 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 M 113.980, M 113.981 M 113.984	3724 4966 5439		3.7 L 5.0 L 5.4 L	6 8 8	2002-12 1998-10 1998-05	M-Class, S-Class, SL 350 G-Class, M-Class, S Class, SL 500 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
OM 314, OM 353, OM 367, OM352, OM352A	3780 5675		3.8 L 5.7 L	6 6	1964-On 1964-On	80, 100 H.P. 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 SCRPP PC GI 553 CF CR GI 881 2PCO 501 1PCO PC GI	2C5480 2C5480020 2C5480030 2C5480040 2C5480060	2	STD 0.50 0.75 1.00 1.50
OM314 OM352,OM353	3782 5675		3.8 L 5.7 L	6 6		Diesel Eng 4 ring piston	97.00	3.00 3.00 3.00 5.50	361 FKST CR DI 032 BF PC GI 401 SCRPP PC GI 553 CF CR GI 881 2PCO	2C4512	2	STD

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
MERCEDES-BENZ												
OM314 OM352, OM362	3784 5675		3.8 L 5.7 L	6 6		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
OM904, OM907, OM924, OM960 OM902, OM906, OM909, OM926			4.3 L 6.4 L	4 6		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 360, OM 360 A, OM 360 H				6		Diesel Eng	115.00	3.50 3.00 5.50	361 FKST CR DI 401 SCRPP PC GI 565 CF CR GI 881 2PCO	2C5603	6	STD
MERCURISER												
	2966	181	3.0 L	4			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
	3671	224	3.7 L	4		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
	8226	502	8.2 L	8	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
	8226	502	8.2 L	8	1988-09	H.O.	113.47	2.00 1.50 4.00	336 T PM DI 126 RVT PC GI 872 FV CR 732 FV CR	2M4727 2M4727005 2M4727030 2M4727060	8	STD 0.13 0.75 1.50
MIDLAND- Compressors												
						13 cu. ft. EL1300, EL1600; 7000 Series 3 ring piston	69.85	4.75 4.75 4.75	126 RVT PC GI 126 RVT PC GI 871 FV CR 732 FV CR	6128 6128010 6128020 6128030 6128040	1	STD 0.25 0.50 0.75 1.00

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
MITSUBISHI												
4G11	1244		1.2 L	4	1978-85	Colt/Mirage Lancer	69.50	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 055 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 055 FV CR 732 FV CR	4673 2C4673 2C4673010 2C4673020 2C4673030 2C4673040	4	STD 0.25 0.50 0.75 1.00
4G42	1187		1.2 L	4	1983-86	Lancer	71.00	2.00 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	4342 2C4342 2C4342020 2C4342040	4	STD 0.50 1.00
4G13 SOHC	1298		1.3 L	4	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 362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	4618 4618010 4618020 4618030 4618040 2C4618 2C4618010 2C4618020 2C4618030 2C4618040	4	STD 0.25 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00
CR12DE	1240		1.2 L	4	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		Colt, Mirage	71.80	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	4694 4694020 4694040 2C4694 2C4694020 2C4694040	4	STD 0.50 1.00 STD 0.50 1.00
	997		1.0 L	4	1963-67	1100	72.00	2.00 2.00 4.00	102 T PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	6752 2C6752	4	STD STD
KE44 KE46 4G30 4G33	1088 1189 1289 1439		1.1 L 1.2 L 1.3 L 1.4 L	4 4 4 4	1967-73 1969-73 1969-70 1971-75	Colt 1100 Colt 1200 Galant 1300 Galant 1400	73.00	2.00 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 058 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 058 FV CR 732 FV CR	6714 6714020 6714030 6714040 6714060 2C6714 2C6714020 2C6714030 2C6714040 2C6714060	4	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50














ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
MITSUBISHI												
4G36 4G33	1238 1439		1.2 L 1.4 L	4 4	1975-78 1973-78	Celeste, Colt, Lancer Celeste, Galant, Lancer	73.00	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	4347 4347020 4347030 4347040 4347060 2C4347 2C4347010 2C4347020 2C4347030 2C4347040 2C4347060	4 4	STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
4G12	1410		1.4 L	4	1979-On	Colt, Lancer, Tredia	74.00	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 058 FV CR 732 FV CR	4396 4396010 4396020 4396030 4396040 4396060 2C4396 2C4396010 2C4396020 2C4396030 2C4396040 2C4396060 2M4396 2M4396020 2M4396030 2M4396040 2M4396060	4 4 4	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
4G15, G15B	1468		1.5 L	4	1991-96	Colt, Lancer, Mirage	75.50	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 054 FV CR 732 FV CR	2C4668 2C4668010 2C4668020 2C4668030 2C4668040 2C4668060	4	STD 0.25 0.50 0.75 1.00 1.50
4G15, G15B	1468		1.5 L	4	1983-91	Colt, Lancer, Mirage	75.50	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 058 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 058 FV CR 732 FV CR	5716 5716010 5716020 5716030 5716040 5716060 2C5716 2C5716010 2C5716020 2C5716030 2C5716040 2C5716060 2M5716 2M5716010 2M5716020 2M5716030 2M5716040	4 4 4	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00
4G15, 4G93	1468		1.5 L	4	1997-02	Colt, Lancer, Mirage	75.50	1.20 1.50 2.80	398 BF CR S 126 RVT PC GI 996 FV CR 732 FV CR	2C4884 2C4884020 2C4884030 2C4884040	4	STD 0.50 0.75 1.00
4G18 SOHC	1584		1.6 L	4	1999-07	Lancer, Pajero, Space Star	76.00	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5182 2C5182020 2C5182040	4	STD 0.50 1.00














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MITSUBISHI												
4G41	1378		1.4 L	4	1971-79	Galant Coupe FTO, Delica Truck T120	76.50	2.00 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	4492 4492020 4492030 2C4492 2C4492020 2C4492040	4	STD 0.50 0.75 STD 0.50 1.00
G32B	1597		1.6 L	4	1985-89	Mirage Incl. Turbo	76.90	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	4353 4353020 4353030 4353040 2C4353 2C4353010 2C4353020 2C4353030 2C4353040	4	STD 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00
4G32, 4G32B	1597		1.6 L	4	1977-96	Colt, Lancer, L200, L300	76.90	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR	675 675010 675020 675030 675040 675060 2C675 2C675010 2C675020 2C675030 2C675040	4	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00
2G25 SOHC	783		0.8 L	2	1984	Mitsubishi Towny Mitsubishi Minicab 800	78.00	1.50 1.50 2.50	362 BF 3CR GI 126 RVT PC GI 533 FV CR 732 FV CR	2C4619 2C4619020 2C4619030 2C4619040	2	STD 0.50 0.75 1.00
4G37, G62B	1755		1.8 L	4	1984-94	Cordia, Eclipse, Tredia Incl. Turbo	80.60	1.50 1.50 4.00	032 BF PC GI 401 SCRPP PC GI 058 FV CR 732 FV CR 363 BF CR GI 401 SCRPP PC GI 058 FV CR 732 FV CR	4367 4367020 4367030 4367040 2C4367 2C4367020 2C4367030 2C4367040 2C4367060	4	STD 0.50 0.75 1.00 STD 0.50 0.75 1.00 1.50
G62B	1795		1.8 L	4	1983-83	Cordia	80.60	2.00 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR 363 BF CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	6172 6172020 6172030 6172040 6172060 2C6172 2C6172020 2C6172030 2C6172040	4	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00
4G93	1834		1.8 L	4	1992-02	Mirage	81.00	1.20 1.20 2.80	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4769 2C4769020 2C4769030 2C4769040	4	STD 0.50 0.75 1.00
4G94 SOHC	1997		2.0 L	4	2002-06	Lancer	81.50	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5173 2C5173020 2C5173030 2C5173040	4	STD 0.50 0.75 1.00
4G31, 4G61 DOHC	1595		1.6 L	4	1989-93	Colt, Galant, Mirage incl. Turbo	82.30	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4669 2C4669020 2C4669030 2C4669040	4	STD 0.50 0.75 1.00














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
MITSUBISHI												
4G52	1995		2.0 L	4	1973-87	Canter, Galant, Lancer, Sigma	84.00	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	4247 4247020 4247030 4247040 4247060 2C4247 2C4247010 2C4247020 2C4247030 2C4247040 2C4247060	4	STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
KE45 G63B	1498 1997		1.5 L 2.0 L	4	1965-70 1983-88	Colt Colt, Pickup, Tredia	85.00	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	6171 6171020 6171030 6171040 6171060 2C6171 2C6171020 2C6171030 2C6171040 2C6171060	4	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
4G63 SOHC, DOHC	1997		2.0 L	4	1993-98	Eclipse, Galant, Talon	85.00	1.20 1.50 2.80	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4933 2C4933010 2C4933020 2C4933030 2C4933040 2C4933060	4	STD 0.25 0.50 0.75 1.00 1.50
4G63 DOHC	1997		2.0 L	4	1992-97	16 Valve Begin 5/92, Shallow Oil Grv.	85.00	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4768 2C4768010 2C4768020 2C4768030 2C4768040 2C4768060	4	STD 0.25 0.50 0.75 1.00 1.50
4G63, GTX DOHC	1997		2.0 L	4	1988-92	Turbo Thru 4/92	85.00	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 054 FV CR 732 FV CR	2C4613 2C4613010 2C4613020 2C4613030 2C4613040	4	STD 0.25 0.50 0.75 1.00
G63B	1997		2.0 L	4	1983-93	Galant	85.00	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 056 FV CR 732 FV CR	6899 6899010 6899020 6899030 6899040 6899060 2C6899 2C6899010 2C6899020 2C6899030 2C6899040 2C6899060 2M6899 2M6899010 2M6899020 2M6899060	4	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 1.50














ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
MITSUBISHI												
4HK, 4HN, HTH	2179		2.2 L	4	2007-On	Outlander 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
4G63, 4G63T Vin:D,F DOHC	1998		2.0 L	4	2003-08	Lancer EVO Incl. Turbo	85.00	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 732 FV CR	2C4558 2C4558020 2C4558040	4	STD 0.50 1.00
4B11, 4B11T DOHC	1998		2.0 L	4	2009-12	Lancer, Outlander Sport	86.00	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C4835 2C4835020 2C4835030 2C4835040	4	STD 0.50 0.75 1.00
4G64	2351		2.4 L	4	1993-05	Eclipse, Galant, Outlander	86.50	1.20 1.50 2.80	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4780 2C4780020 2C4780030 2C4780040 2C4780060	4	STD 0.50 0.75 1.00 1.50
4G64	2350		2.4 L	4	1992-96	Pickup	86.50	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4783 2C4783010 2C4783020 2C4783030 2C4783040 2C4783060	4	STD 0.25 0.50 0.75 1.00 1.50
4G37, G62B	2351		2.4 L	4	1984-94	Cordia, Eclipse, Tredia	86.50	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	4638 4638020 4638030 4638040 4638060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C4638 2C4638010 2C4638020 2C4638030 2C4638040	4	STD 0.25 0.50 0.75 1.00
4G69 Vin:F SOHC	2378		2.4 L	4	2004-12	Eclipse, Lancer, Outlander	87.00	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 990 FV CR 732 FV CR	2C5148 2C5148020 2C5148030	4	STD 0.50 0.75
420A A588	1997		2.0 L	4	1994-99	Eclipse	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
6B31 SOHC	2998		3.0 L	6	2007-12	Outlander	87.60	1.20 1.00 2.00	398 BF CR S 123 RVT PC DI 990 FV CR 732 FV CR	2C5146 2C5146030 2C5146040	6	STD 0.75 1.00
4B12 DOHC	2359		2.4 L	4	2008-17	Lancer, Outlander	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
4D55T 4D56T, 4D56TD	2346 2476		2.3 L 2.5 L	4	1980-86 1987-08	Galant, Pajero Pajero, L200, L300 Turbo Diesel	91.10	2.50 2.00 4.00	370 HKST 3CR GI 370 HKST 3CR GI 204 CF CR DI 881 2PCO	2D5666 2D566650 2D566675 2D5666100	4	STD 0.50 0.75 1.00
4D55T 4D56T, 4D56TD	2346 2476		2.3 L 2.5 L	4	1980-86 1987-08	Galant, Pajero Pajero, L200, L300 Turbo Diesel	91.10	2.50 2.00 4.00	243 HKST PM DI 235 HKST CR DI 204 CF CR DI 881 2PCO	2M7338 2M733850 2M7338100	1	STD 1.25 2.50
4D56	2477		2.5 L	4	1994-98	L200, L300 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
4D55 4D56	2346 2476		2.3 L 2.5 L	4	1980-86 1987-94	L200, L300, Pajero L200, L300 Diesel Eng	91.10	2.50 2.00 4.00	231 BF PM DI 236 TF CR DI 204 CF CR DI 881 2PCO	2M7379	1	STD

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MITSUBISHI												
4G54	2555		2.6 L	4	1983-89	Montero, Magna, Pick-up, Starion incl. Turbo	91.10	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 056 FV CR 732 FV CR	5667 5667010 5667020 5667030 5667040 5667060 2C5667 2C5667010 2C5667020 2C5667030 2C5667040 2C5667060	4 4	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
4G54, 4G54B	2555		2.6 L	4	1979-199	Excecutive 2600, Galant 2600, Montero Pickup	91.10	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 870 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 870 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 870 FV CR 732 FV CR	5595 5595010 5595020 5595030 5595040 5595060 2C5595 2C5595010 2C5595020 2C5595030 2C5595040 2C5595060 2M5595 2M5595010 2M5595020 2M5595030 2M5595040 2M5595060	4 4	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
6G72-T, 6G72 Vin:F	2972	181	3.0 L	6	1990-04	Diamante	91.10	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4670 2C4670020 2C4670030 2C4670040 2C4670060	6	STD 0.50 0.75 1.00 1.50
6G72 Vin: F,H,P	2972	181	3.0 L	6	1987-02	Montero, Pickup,	91.10	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 870 FV CR 732 FV CR 335 T PM DI 126 RVT PC GI 870 FV CR 732 FV CR	4453 4453010 4453020 4453030 4453040 4453060 2M4453 2M4453010 2M4453020 2M4453030 2M4453040 2M4453060	6 6	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
6G74 Vin: P,4 SOHC DOHC	3497		3.5 L	6	1994-04	Montero	93.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 997 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 997 FV CR 732 FV CR	4883 4883020 4883030 4883040 2M4883 2M4883010 2M4883020 2M4883030 2M4883040	6 6	STD 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00
4M40	2835		2.8 L	4		FB501, FD511, Pajero Diesel Eng incl. Turbo	95.00	2.36 2.00 4.00	372 FKST CR DI 126 RVT PC GI 553 CF CR GI 881 2PCO	2C5056 2C5056020 2C5056040	4	STD 0.50 1.00
6G75 SOHC	3828		3.8 L	6	2003-05	Endeavor, Galant, Montero	95.00	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 991 FV CR 005 FV CR	2C5169 2C5169020 2C5169030 2C5169040	6	STD 0.50 0.75 1.00














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MITSUBISHI												
4M41	3200		3.2 L	4	1998-16	Montero, Pajero Diesel Eng	98.50	2.30 1.50 3.00	208 FKST CC DI 257 TF CR DI 203 CF GN SS 881 2PCO	2D7802 2D780250	4	STD 0.50
NISSAN												
MA10, MA10ET	987		1.0 L	4	1982-On	Micra	68.00	1.50 1.50 2.80	032 BF PC GI 126 RVT PC GI 859 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 859 FV CR 732 FV CR	4696 4696008 4696020 2C4696 2C4696008 2C4696010 2C4696020 2C4696030	4	STD 0.20 0.50 STD 0.20 0.25 0.50 0.75
MA12S GA13DE, GA13DS	1200 1295		1.2 L 1.3 L	4 4	1986-92 1991-07	Micra Lucino, Tsuru	71.00	1.50 1.50 2.80	032 BF PC GI 126 RVT PC GI 859 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 859 FV CR 732 FV CR	4362 4362020 4362040 2C4362 2C4362008 2C4362020 2C4362030 2C4362040	4	STD 0.50 1.00 STD 0.20 0.50 0.75 1.00
CR12DE	1240		1.2 L	4	2003-10	Micra III, WingRoad, AD Van	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
A10	988		1.0 L	4	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 362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	4347 4347020 4347030 4347040 4347060 2C4347 2C4347010 2C4347020 2C4347030 2C4347040 2C4347060	4	STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
A10 D11 A12, E1, D12 A13, J, J13	988 1138 1171 1299		1.0 L 1.1 L 1.2 L 1.3 L	4 4 4 4	1967-82 1966-78 1961-74 1965-75	Cherry Forklift Model B110, 1200/110, 312/320/410, Cabstar Model B210, Bluebird, 411/ 520/ 521	73.00	2.00 2.00 4.00 362 BF 3CR GI 401 SCRP PC GI 058 FV CR 732 FV CR	401 SCRP PC GI 058 FV CR 732 FV CR 2C6714 2C6714020 2C6714030 2C6714040 2C6714060	6714020 6714030 6714040 6714060 4 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50	4	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
J20	1973		2.0 L	6	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 362 BF 3CR GI 401 SCRP PC GI 058 FV CR 732 FV CR	4410 4410020 4410030 4410040 2C4410 2C4410020	6	STD 0.50 0.75 1.00 STD 0.50
CR14DE	1386		1.4 L	4	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

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
												
NISSAN												
GA14, GA14S GA15, GA15A	1400 1500		1.4 L 1.5 L	4	1988-07 1995-00	Sunny Sentra, Tsuru Almera, Lucino, Presea	73.60	1.50 1.50 2.80	362 BF 3CR GI 401 SCRPP PC GI 996 FV CR 732 FV CR	2C4158 2C4158020	4	STD 0.50
A12A	1237		1.2 L	4	1979-82	210	75.00	2.00 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	6813 6813020 6813030 6813040 6813060 2C6813 2C6813010 2C6813020 2C6813030 2C6813040 2C6813060 2C6813063	4	STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50 1.60
A12A	1237		1.2 L	4	1979-On	Shallow Oil Ring Grv.	75.00	2.00 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 856 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 856 FV CR 732 FV CR	6818 6818020 6818030 6818040 6818060 2C6818 2C6818010 2C6818020 2C6818030 2C6818040 2C6818060	4	STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
E13 E15, E15S, E15T E16	1270 1487 1597		1.3 L 1.5 L 1.6 L	4 4 4	1981 1982-84 1983-88	1.3 Pulsar/N12 310/N10, Prairie, Pulsar/N12(Turbo), Sunny, Tsuru Pulsar/N12, Sentra/B11/B12	76.00	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 058 FV CR 732 FV CR	6151 6151010 6151020 6151030 6151040 6151060 2C6151 2C6151010 2C6151020 2C6151030 2C6151040 2C6151060 2M6151	4	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50 STD
A14 A15	1397 1488		1.4 L 1.5 L	4 4	1977-78 1979-82	B210 210, 310	76.00	1.20 2.00 4.00	398 BF CR S 401 SCRPP PC GI 056 FV CR 732 FV CR	2C6146 2C6146010 2C6146020 2C6146030 2C6146040 2C6146060	4	STD 0.25 0.50 0.75 1.00 1.50
A14	1397	85	1.4 L	4	1975-82	210, 310	76.00	2.00 2.00 4.00	102 T PC GI 401 SCRPP PC GI 058 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 058 FV CR 732 FV CR	4266 4266010 4266020 4266030 4266040 4266060 2C4266 2C4266010 2C4266020 2C4266030 2C4266040 2C4266060	4	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50














ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
NISSAN												
QG16DE	1597		1.6 L	4	1996-06	Almera, Avenir, Bluebird Primera	76.00	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C4087	4	STD
GA16, GA16i, GA16DE	1598		1.6 L	4	1995-99	Sentra, 200SX 2 Ring Piston	76.00	1.50 2.80	362 BF 3CR GI 996 FV CR 732 FV CR	2C4958 2C4958010 2C4958020 2C4958030 2C4958040	4	STD 0.25 0.50 0.75 1.00
GA16DE GA16DE/I GA16I	1598		1.6 L	4	1989-94	NX 1600, Pulsar NX, Sentra	76.00	1.50 1.50 2.80	032 BF PC GI 435 SCRPP PC GI 861 FV CR 732 FV CR	4659 4659010 4659020 4659030 4659040	4	STD 0.25 0.50 0.75 1.00
									362 BF 3CR GI 435 SCRPP PC GI 861 FV CR 732 FV CR	2C4659 2C4659010 2C4659020 2C4659030 2C4659040	4	STD 0.25 0.50 0.75 1.00
GA16DS	1598		1.6 L	4	1990-93	100NX, Primera, Sunny	76.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4935 4935020 4935040	4	STD 0.50 1.00
									362 BF 3CR GI 126 RVT PC GI 872 FV CR 732 FV CR	2C4935 2C4935020 2C4935040	4	STD 0.50 1.00
K9K SOHC	1461		1.5 L	4	2003-14	Almera, Micra, Note Versa 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 1.25
HR12DE	1198		1.2 L	3	2010-On	Micra	78.00	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 990 FV CR 732 FV CR	2C5393	3	STD
J15 J16	1483 1567		1.5 L 1.6 L	4 4	1970-On 1980-84	Cabstar/Cedric/Homer Pick Up	78.00	2.00 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR	6871 6871040	4	STD 1.00
									362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C6871 2C6871020 2C6871030 2C6871040	4	STD 0.50 0.75 1.00
CA16DE DOHC	1598		1.6 L	4	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
HR16DE DOHC	1598		1.6 L	4	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

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
NISSAN												
CA16S OHC	1598		1.6 L	4	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
L20A	1988		2.0 L	6	1969-70	Cedric, Skyline 2000 GT	78.00	2.00 2.00 4.00	362 BF 3CR GI 401 SCRPP PC GI 052 FV CR 732 FV CR	2C4682 2C4682020 2C4682040	6	STD 0.50 1.00
VG20E, VG20ET, RB20DET	1998		2.0 L	6	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	1595		1.6 L	4	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	1488		1.5 L	4	1962-65	SPL 310	80.00	2.00 2.00 4.00	032 BF PC GI 401 SCRPP 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 SCRPP PC GI 056 FV CR 732 FV CR	2C6761 2C6761020 2C6761030 2C6761040	4	STD 0.50 0.75 1.00
QG18DE DOHC	1769		1.8 L	4	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	1870		1.9 L	4	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
J18	1800		1.8 L	4	1981-On	Mexican Built	80.50	1.50 2.00 4.00	102 T PC GI 126 RVT PC GI 058 FV CR 732 FV CR	4476 4476010 4476020 4476030 4476040 4476060	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	2C4476 2C4476010 2C4476020 2C4476030 2C4476040 2C4476060	4	STD 0.25 0.50 0.75 1.00 1.50

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
NISSAN												
NA16S SOHC	1627		1.6 L	4	1989-95	Atlas F22 - F23, Datsun Truck D21	81.50	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	5201 5201010 5201020 5201040	4	STD 0.25 0.50 1.00
L13 L14 L16	1296 1428 1595		1.3 L 1.4 L 1.6 L	4 4 4	1973-74 1968-73 1968-73	Bluebird 1300 Bluebird 1400 Bluebird 1600 510, 520/521, 620	83.00	2.00 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	6831 6831010 6831020 6831030 6831040 2C6831 2C6831010 2C6831020 2C6831030 2C6831040	4 4	STD 0.25 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00
CA18DE, CA18ET	1809		1.8 L	4	1984-94	Bluebird, Pulsar, Skyline Silvia/180SX P/S13, 200SX Turbo	83.00	1.50 1.50 2.80	032 BF PC GI 126 RVT PC GI 861 FV CR 732 FV CR 376 BF CR DI 126 RVT PC GI 861 FV CR 732 FV CR	4221 4221020 4221040 2C4221 2C4221010 2C4221020 2C4221030 2C4221040	4 4	STD 0.50 1.00 STD 0.25 0.50 0.75 1.00
CA18E, CA18S	1809		1.8 L	4	1978-83	Auster, Bluebird, Laurel, Prairie, 1800 Series	83.00	1.50 1.50 4.00	102 T PC GI 126 RVT PC GI 058 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	4951 4951020 2C4951 2C4951020 2C4951040	4 4	STD 0.50 STD 0.50 1.00
L24E	2393		2.4 L	6	1982-85	Maxima	83.00	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 058 FV CR 732 FV CR	6162 6162020 6162030 6162040 2C6162 2C6162020 2C6162030 2C6162040 2C6162060 2M6162 2M6162020 2M6162030 2M6162040	6 6 6	STD 0.50 0.75 1.00 STD 0.50 0.75 1.00 STD 0.50 0.75 1.00
L24E	2393		2.4 L	6	1981	810	83.00	1.50 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 860 FV CR 732 FV CR	6148 6148020 6148030 6148040 2C6148 2C6148020 2C6148030 2C6148040	6 6	STD 0.50 0.75 1.00 STD 0.50 0.75 1.00
L24 L26	2393 2565		2.4 L 2.6 L	6 6	1970-80 1978-80	240Z/S30 , 810 260Z/S30	83.00	2.00 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 058 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 058 FV CR 732 FV CR	6856 6856010 6856020 6856030 6856040 2C6856 2C6856010 2C6856020 2C6856030 2C6856040	6 6	STD 0.25 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00
MR18DE MR20DE DOHC	1797 1999		1.8 L 2.0 L	4 4	2007-14 2007-17	Tiida, Verso 16V Sentra	84.00	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C5223 2C5223020 2C5223030 2C5223040	4	STD 0.50 0.75 1.00














ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
NISSAN												
M9R, M9R 760, M9R 780	1995		2.0 L	4	2006-13	Primastar, X-Trail Turbo Diesel	84.00	2.50 2.00 2.00	211 HKST CC DI 210 SCRPF TF PC DI 248 CF CR 881 2PCO	2D7343 2D734350	1	STD 0.50
CA20E	1974		2.0 L	4	1989	Stanza	84.50	1.50 1.50 2.80	032 BF PC GI 126 RVT PC GI 861 FV CR 732 FV CR	4681 4681020 4681030 4681040	4	STD 0.50 0.75 1.00
									363 BF CR GI 126 RVT PC GI 861 FV CR 732 FV CR	2C4681 2C4681020 2C4681030 2C4681040	4	STD 0.50 0.75 1.00
CA20E, CA20S	1974		2.0 L	4	1982-88	Stanza, 200SX/S12	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
CD20	1974		2.0 L	4	1990-99	Almera, Primera, Sunny Diesel Eng	84.50	2.00 2.00 3.00	376 BF CR DI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D4954 2D495450 2D4954100	4	STD 0.50 1.00
L18 L20B	1770 1952		1.8 L 2.0 L	4 4	1973-74 1974-80	610 Sedan 1800 200SX, 510, 610, 620 Pickup, 710, 2000 Series	85.00	2.00 2.00 4.00	032 BF PC GI 401 SCRPF 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 SCRPF PC GI 056 FV CR 732 FV CR	2C6872 2C6872020 2C6872030 2C6872040 2C6872060	4	STD 0.50 0.75 1.00 1.50
Z20	1952		2.0 L	4	1985-On	200SX, NAP-Z	85.00	2.00 1.50 4.00	362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C4661 2C4661010 2C4661020 2C4661030 2C4661040	4	STD 0.25 0.50 0.75 1.00
Z20E, Z20S	1952		2.0 L	4	1980-84	200SX, NAP-Z	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
RD28, RD28T	2825		2.8 L	6		Diesel Eng	85.00	2.00 2.00 4.00	376 BF CR DI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D5058 2D505850 2D5058100	6	STD 0.50 1.00

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
NISSAN												
P, P40	3956		4.0 L	6	1963-82	Patrol, Forklift	85.70	2.50 2.50 4.75	032 BF PC GI 401 SCRPP PC GI 871 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 871 FV CR 732 FV CR	5738 5738010 5738020 5738030 5738040 5738060 2C5738 2C5738010 2C5738020 2C5738030 2C5738040 2C5738060	6	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
1Y, 2Y, 3Y	1996		2.0 L	4	1997-On	LWB, SWB Hardbody	86.00	1.50 1.50 4.00	032 BF PC GI 435 SCRPP PC GI 058 FV CR 732 FV CR 362 BF 3CR GI 435 SCRPP PC GI 058 FV CR 732 FV CR 327 BF PM GI 435 SCRPP PC GI 058 FV CR 732 FV CR	4219 4219020 4219030 4219040 4219060 2C4219 2C4219010 2C4219020 2C4219030 2C4219040 2C4219060 2M4219 2M4219020 2M4219030 2M4219040	4	STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
SR20DE Vin:G	1998		2.0 L	4	1991-00	Serena, Primera	86.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR 397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	4601 4601020 4601030 4601040 4601060 2M4601 2M4601010 2M4601020 2M4601030 2M4601040 2M4601060	4	STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
L28E	2753		2.8 L	6	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 362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR	6142 6142020 6142030 6142040 2C6142 2C6142020 2C6142030 2C6142040 2C6142060	6	STD 0.50 0.75 1.00 STD 0.50 0.75 1.00 1.50
L28ET	2753		2.8 L	6	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
L28, L28E	2753		2.8 L	6	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 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	4394 4394020 4394030 4394040 4394060 2C4394 2C4394020 2C4394030 2C4394040	6	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
NISSAN												
RB30E	2962		3.0 L	6		Skyline	86.00	1.50 1.50 2.80	032 BF PC GI 435 SCRPP PC GI 861 FV CR 732 FV CR	4754 4754020 4754040	6	STD 0.50 1.00
									376 BF CR DI 435 SCRPP PC GI 861 FV CR 732 FV CR	2C4754 2C4754020	6	STD 0.50
									397 BF PM S 435 SCRPP PC GI 861 FV CR 732 FV CR	2M4754 2M4754020 2M4754030 2M4754040	6	STD 0.50 0.75 1.00
YD22ETI, YD22DDTi YD22DDT	2184		2.2 L	4	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	2187		2.2 L	4	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
VG30i, VG30E	2960		3.0 L	6	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
VG30E, VG30ET	2960		3.0 L	6	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
G9T	2188		2.2 L	4	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
R16 H20	1595 1982		1.6 L 2.0 L	4 4	1965-74 1967-82	SPL 311, PL 411 Forklift, Truck	87.20	2.00 2.50 4.00	032 BF PC GI 401 SCRPP PC GI 860 FV CR 732 FV CR	6830 6830020 6830030 6830040 6830060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 401 SCRPP PC GI 860 FV CR 732 FV CR	2C6830 2C6830020 2C6830030 2C6830040 2C6830060	4	STD 0.50 0.75 1.00 1.50
KA24DE DOHC	2389		2.4 L	4	1998-04	Altima, Frontier, Xterra	89.00	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5099 2C5099010 2C5099020 2C5099030 2C5099040	4	STD 0.25 0.50 0.75 1.00











ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
NISSAN												
KA24D, KA24DE, KA24E	2389		2.4 L	4	1989-98	Altima 240SX Axxess, 240SX Pickup, Stanza, Van	89.00	1.50 1.50 2.80	032 BF PC GI 126 RVT PC GI 861 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 861 FV CR 732 FV CR	4660 4660010 4660020 4660030 4660040 2C4660 2C4660010 2C4660020 2C4660030 2C4660040 2C4660060	4 4	STD 0.25 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00 1.50
Z24I	2389		2.4 L	4	1984-90	D21 Pickup, Pathfinder/WD21, Van/GC22, 720	89.00	2.00 1.50 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 056 FV CR 732 FV CR	4452 4452010 4452020 4452030 4452040 4452060 2C4452 2C4452010 2C4452020 2C4452030 2C4452040 2C4452060 2M4452 2M4452010 2M4452020 2M4452030 2M4452040	4 4 4	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00
Z24	2389		2.4 L	4	1983-84	720	89.00	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 056 FV CR 732 FV CR	5673 5673020 5673030 5673040 2C5673 2C5673020 2C5673030 2C5673040	4 4	STD 0.50 0.75 1.00 STD 0.50 0.75 1.00
QR25DE DOHC	2488		2.5 L	4	2007-17	Altima, Rouge, Sentra w/2.00mm oil grv.	89.00	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 990 FV CR 732 FV CR	2C4516 2C4516010 2C4516020 2C4516030 2C4516040	4	STD 0.25 0.50 0.75 1.00
QR25DE DOHC	2488		2.5 L	4	2002-17	Altima, Frontier, Sentra w/2.50mm oil grv.	89.00	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5099 2C5099010 2C5099020 2C5099030 2C5099040	4	STD 0.25 0.50 0.75 1.00
SD23, SD25	2488		2.5 L	4	1983-88	Diesel Eng	89.00	2.50 2.00 4.50	376 BF CR DI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D5674 2D567450 2D567475 2D5674100	4	STD 0.50 0.75 1.00
G9U 720, G9U 730	2463		2.5 L	4	2002-On	Interstar,Primastar 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
G9U 720, G9U 730	2463		2.5 L	4	2002-03	Interstar,Primastar 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
YD25 DDTi	2488		2.5 L	4	1999-11	Bassara, Cabstar, Fontier, Navara, Pathfinder, Presage, D22 Diesel Diesel Eng	89.00	2.00 2.00 3.00	389 HKST BF PM GI 135 T PC GI 203 CF GN SS 881 2PCO	2D7531 2D753150	4	STD 0.50
VG33	3275		3.3 L	6	1996-04	Pathfinder, QX4	91.50	1.50 1.50 2.80	362 BF 3CR GI 126 RVT PC GI 997 FV CR 732 FV CR	2C4899 2C4899010 2C4899020 2C4899030 2C4899040	6	STD 0.25 0.50 0.75 1.00

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE
NISSAN												
			2.5 L	4		H25 Model Forklift	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
VQ30DE DOHC	2987		3.0 L	6	1995-01	V6 Maxima	93.00	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C4781 2C4781010 2C4781020 2C4781030 2C4781040	6	STD 0.25 0.50 0.75 1.00
									397 BF PM S 126 RVT PC GI 995 FV CR 732 FV CR	2M4781 2M4781010 2M4781020 2M4781030 2M4781040	6	STD 0.25 0.50 0.75 1.00
VQ35HR, VQ35DE VQ37VHR VQ40DE DOHC	3498 3699 3954		3.5 L 3.7 L 4.0 L	6 6 6	2007-12 2009-14 2005-12	24V Altima, Maxima, Murano, 350Z Roadster 370 Z Frontier, Pathfinder, Xterra	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
VQ35DE VQ40DE DOHC	3498 3954		3.5 L 4.0 L	6	2001-10 2005-11	Altima, Maxima Pathfinder, Xterra	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
TD42	4169		4.2 L	6	1987-On	Patrol Australian Diesel Eng	96.00	2.50 2.00 4.00	363 BF CR GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D4939	6	STD
TB42, TB42S	4169		4.2 L	6	1987-On	Patrol Australian	96.00	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	4938 4938020 4938040	6	STD 0.50 1.00
									327 BF PM GI 126 RVT PC GI 056 FV CR 732 FV CR	2M4938 2M4938020 2M4938030 2M4938040 2M4938060	6	STD 0.50 0.75 1.00 1.50
VK56, VK56DE, QX56 DOHC Vin: U	5552		5.6 L	8	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

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
NISSAN												
TB45DE, TB48DE				6		Gas engine	99.50	2.00 1.50 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR 335 T PM DI 126 RVT PC GI 056 FV CR 732 FV CR	4532 4532020 4532040 2M4532 2M4532020 2M4532040	6	STD 0.50 1.00 STD 0.50 1.00
ED6, FD6	5654		5.7 L	6			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
ONAN												
				2		OTC, OTC44GN	69.85	2.38 2.38 4.75	126 RVT PC GI 126 RVT PC GI 871 FV CR 732 FV CR	6008 6008010 6008020 6008030	2	STD 0.25 0.50 0.75
				2		VFA-W4, W2C, W2S, W3M, W3S	76.20	2.38 2.38 3.18 4.75	102 T PC GI 102 T PC GI 102 T PC GI 501 1PCO PC GI 825 2PCO	5172	2	STD
				2		B48G model 20 HP GA020/3707E	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
				2		CCK, CCKM, MF/471C	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
				2 1 4		CCK, CCKA, CCKB, J60, JB, VB J30, LK J120, JC, K120	82.55	2.38 2.38 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	7785 7785020 7785030 7785040 2C7785	1	STD 0.50 0.75 1.00 STD
				2		NH, NHC	90.49	2.38 2.38 4.75	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5360	2	STD
				2		NHC Late Design	90.49	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6962 6962010 6962020	1	STD 0.25 0.50
OPEL												
A 13 DTC, A 13 DTR A 13 FD Euro 5	1248		1.3 L	4	2006-On	Corsa, Combo Turbo Diesel	69.60	1.50 1.50 2.00	239 BF CC DI 123 RVT PC DI 248 CF CR 881 2PCO	2D7836 2D783640	4	STD 0.40
Z 13 DT, Y 13 DT Euro 3/4	1248		1.3 L	4	2003-2011	Agila, Corsa, Combo, Meriva Diesel Eng	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	STD 0.40 0.60
12NZ, C12NZ, X12SZ	1196		1.2 L	4		Corsa	72.00	1.50 1.50 3.00	363 BF CR GI 126 RVT PC GI 054 FV CR 732 FV CR	2C5251 2C5251020	4	STD 0.50

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
OPEL												
X10XE, Z10XE Z12XE, X12XE	973 1199		1.0 L 1.2 L	4 4	1996-00 1998-00	Agila, Corsa 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 322 BF GN SS 126 RVT PC GI 990 FV CR 732 FV CR	2C5675 2C567550 2N5675 2N567525 2N567550	1 1	STD 0.50 STD 0.25 0.50
A 14 NET Euro 5	1364		1.4 L	4	2010-On	Astra, Corsa, 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
Z 10 XEP Z 12 XEP Z 14 XEP	1000 1199 1364		1.0 L 1.2 L 1.4 L	4 4 4	2003-On 2004-On 2001-On	Agila, Corsa Agial, Astra, Corsa 1.2 I Astra, Corsa, Meriva	73.40	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C4162 2C4162020	4	STD 0.50
11N, 11S 13 N, 13 NB, 13 SB	1078 1297		1.1 L 1.3 L	4 4	1979-91	Kadett Ascona, Kadett, Manta	75.00	1.75 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	4248 4248020 2C4248 2C4248020 2C4248030 2C4248040 2C4248060	4 4	STD 0.50 STD 0.50 0.75 1.00 1.50
	1300		1.3 L	4	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 1.50 3.00	032 BF PC GI 435 SCRPP PC GI 054 FV CR 732 FV CR 363 BF CR GI 435 SCRPP PC GI 054 FV CR 732 FV CR	5076 5076010 5076020 5076030 5076040 2C5076 2C5076010 2C5076020 2C5076030 2C5076040	4 4	STD 0.25 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00
1.3NB, 1.3S	1297		1.3 L	4	1979-91	Corsa, Kadett	75.00	1.50 1.50 4.00	032 BF PC GI 435 SCRPP PC GI 056 FV CR 732 FV CR 363 BF CR GI 435 SCRPP PC GI 553 CF CR GI 881 2PCO	7228 7228020 7228030 7228040 2D7228 2D722850 2D722875 2D7228100	4 4	STD 0.50 0.75 1.00 STD 0.50 0.75 1.00
B 12 XE	1119		1.2 L	3	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
C1.4NZ	1389		1.4 L	4	1988-199	Astra, Corsa, Kadett	77.60	1.50 1.50 3.00	032 BF PC GI 401 SCRPP PC GI 054 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 054 FV CR 732 FV CR	4812 4812010 4812020 4812030 4812040 2C4812 2C4812010 2C4812020 2C4812030 2C4812040	4 4	STD 0.25 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00
Z 14 XE	1389		1.4 L	4		Astra Corsa	77.60	1.20 1.50 2.00	398 BF CR S 401 SCRPP PC GI 993 FV CR 005 FV CR	2C5218 2C5218020 2C5218030	4	STD 0.50 0.75





ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
												
OPEL												
12N, 12NC, 12S, 12SC, E12GV	1196		1.2 L	4	1973-80	Ascona, Corsa, Kadette, Manta	79.00	2.00 2.00 5.00	032 BF PC GI 401 SCRPP PC GI 871 FV CR 732 FV CR	4413 4413020 4413040	4	STD 0.50 1.00
	1598		1.6 L	4	1997-On	16V Astra, Vectra W/2.0Mm Oil Grv.	79.00	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C4596 2C4596020	4	STD 0.50
Y 16 XE, Z 16 SE, Z 16 XE	1598		1.6 L	4	1997-10	Astra, Corsa, Vectra, Tigra	79.00	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C4621 2C4621020 2C4621040	4	STD 0.50 1.00
Z 16 XEP, Z 16 XE1	1598		1.6 L	4	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	1686		1.7 L	4	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	1598		1.6 L	4	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 SCRPP PC GI 054 FV CR 732 FV CR	4709 4709020	4	STD 0.50
F8Q	1870		1.9 L	4	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
	2500		2.5 L	6	1937-53	Blitzwagen, Kapitan, Super Six	80.00	3.00 3.00 4.75	102 T PC GI 401 SCRPP PC GI 871 FV CR 732 FV CR	5806	6	STD
X18XE1	1796		1.8 L	4		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
	1799		1.8 L	4	1997-On	Astra 180ie Ecotec	81.60	1.50 1.50 3.00	032 BF PC GI 401 SCRPP PC GI 054 FV CR 732 FV CR	5200 5200020 5200040	4	STD 0.50 1.00
	1800 2400		1.8 L 2.4 L	4 4		Calibra, Vectra Calibra, Vectra	81.60	1.50 1.50 3.00	363 BF CR GI 401 SCRPP PC GI 997 FV CR 732 FV CR	2C5269	2	STD
Z 19 DTH, Z 19 DTJ			1.9 L	4	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	1	STD

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET  Set #	CYL SET 	SIZE 
OPEL												
	1700		1.7 L	4		Astra, Kadett, Vectra	82.49	2.00 2.00 3.00	363 BF CR GI 401 SCRPP PC GI 054 FV CR 732 FV CR	2C4821 2C4821020	4	STD 0.50
	1500		1.5 L	4	1965-71	Rekord B, C, L	82.50	2.00 2.00 5.00	032 BF PC GI 401 SCRPP PC GI 871 FV CR 732 FV CR	6823	4	STD
									362 BF 3CR GI 401 SCRPP 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	1956		2.0 L	4	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	1991		2.0 L	4	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
X20DTL, Y20DTL SOHC	1896		2.0 L	4	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 20 DTH SOHC	1995		2.0 L	4	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
Y 20 DTH X 22 DTH, Y 22 DTH, Y 22 DTR SOHC	1995 2172		2.0 L 2.2 L	4 4	1997-05 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
M9R	1995		2.0 L	4	2006-On	Turbo Diesel	84.00	2.50 2.00 2.00	211 HKST CC DI 210 SCRPP TF PC DI 248 CF CR 881 2PCO	2D7343 2D734350	1	STD 0.50
	1817		1.8 L	4	1976-80	Isuzu	84.07	2.00 2.00 4.00	032 BF PC GI 401 SCRPP 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 SCRPP 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	1600		1.6 L	4	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

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
OPEL												
	1600		1.6 L	4	1959-65	Car-A-Van 17, Olympia, Rekord P17	85.00	2.50 2.50 5.00	032 BF PC GI 401 SCRPP 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 SCRPP PC GI 871 FV CR 732 FV CR	2C5993 2C5993030 2C5993040 2C5993060	4	STD 0.75 1.00 1.50
	2600		2.6 L	6	1959-64	Blitz, Kapitan P, PI	85.00	2.50 2.50 5.00	032 BF PC GI 401 SCRPP 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 SCRPP 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 X 30 XE	1998		2.0 L	4	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
	2962		3.0 L	6	1994-01	Omega, Sintra 3.0 I 24 V			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
X20XER, Z20LEH, Z20LER, Z20LET, Y22SE, Z22SE, Z22XE, Z22YH	1998		2.0 L	4	2007-On	Astra, Vectra	86.00	1.20 1.50	322 BF GN SS 406 N PC DI	2N4189 2N418925	4	STD 0.25
	2198		2.2 L	4	2000-10	Astra, Vectra, Omega		2.50	987 FV GN SS 714 GN SS	2N418950		0.50
RB30E OHC	2962		3.0 L	6	1985-91	VI Commodore, Nissan Australia Incl. Turbo	86.00	1.50 1.50 4.00	376 BF CR DI 435 SCRPP PC GI 058 FV CR 732 FV CR	2C4713 2C4713010 2C4713020 2C4713030 2C4713040	6	STD 0.25 0.50 0.75 1.00
	2000		2.0 L	4	1975-81	Rekord 2000 Diesel Eng	86.50	2.00 2.00 4.00	362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C5591	4	STD
25 CIH 25H 25S	2490 2490 2490		2.5 L 2.5 L 2.5 L	6 6 6	1967-88 1967-76 1967-83	Blitz, Commodore, Senator Commodore A/B 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	2188		2.2 L	4	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
	1698		1.7 L	4	1965-On	Car-A-Van, Coupe, L, Rekord, 75 Din-Ps	88.00	2.00 2.00 5.00	032 BF PC GI 401 SCRPP PC GI 871 FV CR 732 FV CR	6837	4	STD
									362 BF 3CR GI 401 SCRPP PC GI 871 FV CR 732 FV CR	2C6837	4	STD
			2.1 L	4	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 SCRPP PC GI 553 CF CR GI 881 2PCO	2D4423 2D442350	4	STD 0.50
C 26 NE	2594		2.6 L	6	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

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
OPEL												
G9U 630, G9U.632, G9U.720	2464		2.5 L	4	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)	2500		2.5 L	4	1996-98	Frontera Turbo Diesel	92.00	2.50 2.00 4.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
28E, 28HL, 28S	2784		2.8 L	6	1965-On	Admiral, Commodore, Diplomat 2600E	92.00	2.00 2.00 5.00	032 BF PC GI 401 SCRPF PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPF PC GI 860 FV CR 732 FV CR	5084 5084020 2C5084 2C5084020 2C5084040	6 6	STD 0.50 STD 0.50 1.00
4JA1	2499		2.5 L	4	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 217 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	7384 2C7384	1 1	STD STD
S9W.700, S9W.702 eng.2572280-On	2799		2.8 L	4	1998-01	Movano Turbo Diesel	94.40	2.50 2.00 2.50	233 FKST PM DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2M7450	1	STD
S9W.700, S9W.702 Through - eng.2572279	2799		2.8 L	4	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
	2197		2.2 L	4	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 362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	5161 5161020 2C5161 2C5161020	4 4	STD 0.50 STD 0.50
C 30 NE	2969		2.8 L	4	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 362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR	4246 4246040 2C4246 2C4246040	4 4	STD 1.00 STD 1.00
PACKARD												
				8	1948-54 1948-54	All Eng.	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	1940-53	All Eng.	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
	4736 5883	289 359	4.7 L 5.9 L	8	1957-58 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

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
PACKARD												
	5768	352	5.8 L	8	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
	6129	374	6.1 L	8	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
PERKINS												
3A.152 4A.203D 6.305D Sleeved Eng.	2491 3327 4998	152 203 305	2.5 L 3.3 L 5.0 L	3 4 6		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 G4-236	3474 3867	212 236	3.5 L 3.9 L	4		Gas Eng.	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 1006.6	3990 5985		4.0 L 6.0 L	4 6		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













ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
PEUGEOT												
XV3, XV5, XV8	954		1.0 L	4	1975-87	104, 205	70.00	2.00 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 055 FV CR 732 FV CR	4373 4373040	4	STD 1.00
									362 BF 3CR GI 401 SCRPP PC GI 055 FV CR 732 FV CR	2C4373 2C4373020	4	STD 0.50
TU9/C1/H1	954		1.0 L	4	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	999		1.0 L	3	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
TU1 (H1A/H1B/H3A) TU1M	1124		1.1 L	4	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 SCRPP PC GI 054 FV CR 732 FV CR	2C9356 2C9356020	4	STD 0.50
XW3S, XW7	1124		1.1 L	4	1983-90	104, 205	72.00	1.50 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR	4486 4486010 4486020	4	STD 0.25 0.50
									362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C4486 2C4486010 2C4486020	4	STD 0.25 0.50
TU1JP	1124		1.1 L	4	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	1398		1.4 L	4	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
1.3 L diesel I4	1255		1.3 L	4	1968-73	204 Diesel Moteur XLD	75.00	1.50 1.50 4.00	032 BF PC GI 435 SCRPP PC GI 056 FV CR 732 FV CR	7228 7228020 7228030 7228040	4	STD 0.50 0.75 1.00
									363 BF CR GI 435 SCRPP PC GI 553 CF CR GI 881 2PCO	2D7228 2D722850 2D722875 2D7228100	4	STD 0.50 0.75 1.00
TU2.4 TU3 All K2B, KDX, KDZ KDY, KFZ, KAY, KFW KFV, KFT, K6F, K6E, KFY, KFZ, K2A, KDX	1294 1360		1.3 L 1.4 L	4 4	1987-90 1988-11	205II	75.00	1.75 2.00 3.00	362 BF 3CR GI 401 SCRPP PC GI 054 FV CR 732 FV CR	2C9372 2C9372010 2C9372020 2C9372030	4	STD 0.25 0.50 0.75
TU3JP, TU3JP-L4	1361		1.4 L	4	1993-12	106, 206, 306, 307 Partner 1.4i	75.00	1.50 1.50 2.50	032 BF PC GI 435 SCRPP PC GI 995 FV CR 732 FV CR	5021	4	STD
									363 BF CR GI 435 SCRPP PC GI 995 FV CR 732 FV CR	2C5021 2C5021010 2C5021020 2C5021030 2C5021040	4	STD 0.25 0.50 0.75 1.00









ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE
PEUGEOT												
TU3A, TU3 F, TU3 F2C TU3M, TU3MC, TU3S	1360		1.4 L	4	1987-10	106, 205, 309, 405	75.00	1.75 2.00 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 054 FV CR 732 FV CR	5068 5068020 2C5068 2C5068010 2C5068020 2C5068030 2C5068040	4	STD 0.50 STD 0.25 0.50 0.75 1.00
HMP, HMT, HMZ, HNY, HNZ	1119		1.2 L	3	2013-18	108, 208, 308, 2008, 3008, 5008, Grand Raid	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
DV6BTED4, DV6BTED4 DV6C, DV6CTED, DV6DTED, DV6DTED DV6DTEDM, DV6ETEDM	1560		1.6 L	4	2009-On	Partner, 207, 308, 508, 2008 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
DV6TED4, DV6ATED4, DV6UTED4	1560		1.6 L	4	2004-15	Expert, Grand Raid, Partner, 206, 207 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
XL3	1288		1.3 L	4	1969-75	304, 304S	76.00	1.75 2.00 4.00	102 T PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	4330 4330010 4330020 4330030 4330040 2C4330 2C4330010 2C4330020 2C4330040	4	STD 0.25 0.50 0.75 1.00 STD 0.25 0.50 1.00
TUD5, TUD 5B	1527		1.5 L	4	1995-On	106 1.5 D Diesel Eng	77.00	2.00 1.75 3.00	363 BF CR GI 102 T PC GI 553 CF CR GI 881 2PCO	2D4981 2D498125 2D498150 2D4981100	4	STD 0.25 0.50 1.00
Moteur XL4D	1357		1.4 L	4	1973-80	204, 304 Diesel Eng	78.00	1.75 2.00 3.00	362 BF 3CR GI 401 SCRPP PC GI 553 CF CR GI 881 2PCO	2D7239	4	STD
XK5 XL5, XL5S XR5	1127 1290 1472		1.1 L 1.3 L 1.5 L	4 4 4	1975-80 1972-82 1977-82	204, 304 304, 305 305	78.00	1.75 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 860 FV CR 732 FV CR	6197 6197010 2C6197 2C6197010 2C6197020	4	STD 0.25 STD 0.25 0.50
NFU, NFX, TU 5 JP 4	1587		1.6 L	4	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	1592		1.6 L	4	1987-On	205 GTX, 309 SR	80.60	1.75 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR 363 BF CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	4253 4253020 2C4253 2C4253020	4	STD 0.50 STD 0.50
DW8, DW8B SOHC	1868		1.9 L	4	1996-15	206, 306, Expert Jumpy, Partner, Xsara Diesel Eng	82.20	2.00 2.00 3.00	362 BF 3CR GI 126 RVT PC GI 054 FV CR 732 FV CR 205 BF CR DI 210 SCRPP TF PC DI 204 CF CR DI 881 2PCO	2C5858 2D5858 2D585850	4	STD STD 0.50

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
PEUGEOT												
XU5JP, XU5JPZ XU7JB, XU7JP, XU7JPZ, XU7JP4 XU9J4	1581 1762 1905		1.6 L 1.8 L 1.9 L	4 4 4	1994-04 1992-04 1987-93	405, 406 306, 405 306, 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 376 BF CR DI 126 RVT PC GI 054 FV CR 732 FV CR 326 TBF GN SS 435 SCRPP PC GI 987 FV GN SS 714 GN SS	4651 4651010 4651020 4651040 2C4651 2C4651010 2C4651020 2C4651030 2C4651040 2C4651060 2N4651	4 4 4 4 4 4 4 4	STD 0.25 0.50 1.00 STD 0.25 0.50 0.75 1.00 1.50 STD
XU5J, XU51C, XU5CP XU5S, XU51C, XU52C, XU92C	1905		1.9 L	4	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 362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR	5046 2C5046	4 4 4 4	STD STD
XUD 9, XUD 9 A	1905		1.9 L	4	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 362 BF 3CR GI 126 RVT PC GI 204 CF CR DI 881 2PCO	4865 4865020 2D4865 2D486550	4 4 4 4	STD 0.50 STD 0.50
XUD 9, XUD 9 A	1905		1.9 L	4	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
XUD9A, XUD9TE XUD9TF	1905		1.9 L	4	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
XUD9A, XUD9BSD, XUD9SD, XUD9TE	1905		1.9 L	4	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
XU5J, XU5JA, XU5JM XU9J2, XU9JA XU9JAZ, XU9M, XU9S X92C	1580 1905		1.6 L 1.9 L	4 4	1984-96 1985-98	205, 309 205, 305, 405	83.00	1.50 1.50 4.00	376 BF CR DI 126 RVT PC GI 58 FV CR 732 FV CR	2C5881	4	STD
XC6, XC5P, XC7P	1618		1.6 L	4	1967-87	404, 504, J7, J9	84.00	2.00 2.00 4.50	032 BF PC GI 401 SCRPP PC GI 871 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 871 FV CR 732 FV CR	6713 6713020 6713030 2C6713	4 4 4 4	STD 0.50 0.75 STD














ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
PEUGEOT												
KF5, XM, XM7, XM7A, XM7T	1796		1.8 L	4	1968-94	504, 505, J7, J5 Box	84.00	1.50 2.00 4.00	102 T PC GI 401 SCRPP 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 SCRPP 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	1998		2.0 L	4	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
AHR, AHV, AHW, AHX, AHZ, RHZ, RHD, RHE, RHH, DW10FD	1997		2.0 L	4	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	2179		2.2 L	4	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 DW12BTED4, DW12TED4	1997 2179		2.0 L 2.2 L	4 4	2000-06 2000-04	Break, Expert Boxer, Break, Coupe Turbo Diesel	85.00	3.50 2.00 3.00	213 FKST CC DI 210 SCRPP TF PC DI 204 CF CR DI 881 2PCO	2D7176 2D717660	1	STD 0.60
XU102C, XU10J2 XU10J2TE, XU10J4 XU10J4R	1998		2.0 L	4	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	1948		1.9 L	4	1968-89	504, J7 Diesel Eng W/3 PC Oil	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	1971		2.0 L	4	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

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
PEUGEOT												
ZM (112), ZMJ (140)	2664		2.7 L	6	1977-84	504, 604	88.00	1.50 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR	4488 4488030	6	STD 0.75
									362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C4488 2C4488030	6	STD 0.75
XDP90, XD4x90	2112		2.1 L	4	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	2500		2.5 L	4	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	2304		2.3 L	4	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
8140.43N, 8140.43S	2798		2.8 L	4	2000-09	Boxer, Chassis Turbo Diesel	94.40	2.50 2.00 2.50	233 FKST PM DI 210 SCRPP TF PC DI 204 CF CR DI 881 2PCO	2M7450	1	STD
8140.23	2798		2.8 L	4	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
8140.63(F28D)	2798		2.8 L	4	1999-02	Boxer Diesel Eng	94.40	3.00 2.00 2.50	225 FKST CR DI 210 SCRPP TF PC DI 204 CF CR DI 881 2PCO	2C7449	1	STD
PORSCHE												
	1300 1500		1.3 L 1.5 L	4 4	1952-55 1952-55	Sport 1300 1500, 1500 Super	80.00	3.00 3.00 5.00	102 T PC GI 401 SCRPP PC GI 501 1PCO PC GI	5755	4	STD
616.36, 616.39, 616.40	1582		1.6 L	4	1965-70	912, 912 Targa	82.50	1.50 2.00 4.00	362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C6801	4	STD
XJ	1984		2.0 L	4	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
	1679		1.7 L	4	1971-73	914.7	90.00	2.00 2.00 5.00	362 BF 3CR GI 401 SCRPP PC GI 871 FV CR 732 FV CR	2C6864	4	STD
M 48.50S	4511		4.5 L	8	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

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
PORSCHE												
AN, AP	1795		1.8 L	4	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 362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR	6119 6119020	4	STD 0.50 STD 0.50 1.00
930.60, M 30.69 930.66/68, M 30.69S	3229		3.3 L	6	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	956		1.0 L	4	1985-93	Rapid Box 1.0 4 1.0	65.00	1.75 2.00 3.50	102 T PC GI 401 SCRPP PC GI 054 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 054 FV CR 732 FV CR	4369	4	STD
D4F 702, D4F 704 D4F 704, D4F 712 D4F 722, D4F 728 D4F 730, D4F 740	1149		1.1 L	4	2000-On	Twingo, 16V w/1.2mmtp 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	1149		1.1 L	4	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
688 02, 688 10, 688 11 C1E (688.01), C1E 700 C1E 715, C1E 720, C1E 750, C1E 754 C1E 756, C1E 792	1108		1.1 L	4	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 SCRPP PC GI 055 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 055 FV CR 732 FV CR	4652	4	STD
C1E (688.01), C1E 688	1108		1.1 L	4	1962-90	R6, R8, R10 Express 1.1	70.00	2.00 2.00 3.50	362 BF 3CR GI 401 SCRPP PC GI 055 FV CR 732 FV CR	2C6779 2C6779020	4	STD 0.50
810.01, 810.02, 810.03, 810.05, 810.10, 810.19 810.25, 810.26, 810.96 810.97	1289		1.3 L	4	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 SCRPP PC GI 056 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	6870	4	STD
C3G 700, C3G 702 C3G 712, C3G 720 C3G 750	1200		1.2 L	4	1991-98	Clio, Rapid Box, Twigo	74.00	1.50 1.75 3.00	032 BF PC GI 401 SCRPP PC GI 054 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 054 FV CR 732 FV CR	4988 4988020 4988040	4	STD 0.50 1.00 STD 0.25 0.50 0.75 1.00
812E	1255		1.3 L	4	1967	Gordini 1300, R8	74.50	1.50 1.75 3.00	032 BF PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR	4467 4467020	4	STD 0.50

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
RENAULT												
E5F 710, E5F 716 E7F 700, E7F 704 E7F 706, E7F 708 E7F 730, E7F 750	1171		1.2 L	4	1990-98	Clio, Rapid Box, 19 II	75.80	1.50 1.75 3.00	032 BF PC GI 401 SCRPP PC GI 054 FV CR 732 FV CR	4859 4859010	4	STD 0.25
E6J 700, E6J 712 E6J 713, E6J 718 E7J 624, E7J 634 E7J 718, E7J 719	1390		1.4 L	4	1988-03	Clio, Kangoo, Megane			362 BF 3CR GI 401 SCRPP PC GI 054 FV CR 732 FV CR	2C4859 2C4859010 2C4859020	4	STD 0.25 0.50
K9K SOHC	1461		1.5 L	4	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
697.01	1469		1.5 L	4	1968-71	R16 (R1150)	76.00	2.00 2.00 4.00	102 T PC GI 401 SCRPP PC GI 058 FV CR 732 FV CR	4266 4266010 4266020 4266030 4266040 4266060	4	STD 0.25 0.50 0.75 1.00 1.50
									362 BF 3CR GI 401 SCRPP PC GI 058 FV CR 732 FV CR	2C4266 2C4266010 2C4266020 2C4266030 2C4266040 2C4266060	4	STD 0.25 0.50 0.75 1.00 1.50
847 700, 847 720 C1J 700, C1J 715 C1J 742, C1J 768 C1J 780, C2J 782 C2J 713, C3J 700	1397		1.4 L	4	1978-98	Rapid Box, Super 5, Trafic Box, 9 1.4	76.00	1.75 2.00 4.00	102 T PC GI 401 SCRPP 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 SCRPP PC GI 056 FV CR 732 FV CR	2C4330 2C4330010 2C4330020 2C4330040	4	STD 0.25 0.50 1.00
807, 807 03, 807 20, 821, 821 20, 821.03	1565		1.6 L	4	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 SCRPP PC GI 056 FV CR 732 FV CR	6857	4	STD
									362 BF 3CR GI 435 SCRPP PC GI 056 FV CR 732 FV CR	2C6857	4	STD
F8M 700, F8M 720 F8M 730, F8M 736 F8M 760	1595		1.6 L	4	1982-98	R9D, R11D Rapid Box, Super 5 Diesel Eng.	78.00	2.00 2.00 3.00	362 BF 3CR GI 401 SCRPP 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	1647		1.6 L	4		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 K4M 830, K4M 831, K7M 702, K7M 720, K7M 745, K7M 790	1390 1598		1.4 L 1.6 L	4 4	2004-10 1995-09	Logan, Sandero 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
F9Q 650, F9Q 710, F9Q 717, F9Q 718, F9Q 750 F9Q 756, F9Q 758, F9Q 759, F9Q 80	1870		1.9 L	4	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
F8Q 606, F8Q 620 F8Q 630, F8Q 640 F8Q 662, F8Q 676 F8Q 706, F8Q 710 F8Q 722, F8Q 730 F8Q 764, F8Q 776	1870		1.9 L	4	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

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
RENAULT												
F8Q 606, F8Q 620 F8Q 630, F8Q 640 F8Q 662, F8Q 676 F8Q 706, F8Q 710 F8Q 722, F8Q 730 F8Q 764, F8Q 776	1870		1.9 L	4	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 SCRPP PC GI 054 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 204 CF CR DI 881 2PCO	4709 4709020 2D4709 2D470950	4 4	STD 0.50 STD 0.50
F1N 720, F1N 722 F1N 724, F2N 700 F2N 770, F2N 797 F3N 726, F3N 740 F3N 702, F3N 743	1721		1.7 L	4	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 362 BF 3CR GI 126 RVT PC GI 054 FV CR 732 FV CR	4600 4600020 4600030 4600040 4600060 2C4600 2C4600010 2C4600020 2C4600030 2C4600040	4 4	STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00
F2R, F3R	1965		2.0 L	4	1992-95		82.00	1.75 2.00 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 054 FV CR 732 FV CR	4766 4766020 4766030 4766040 2C4766 2C4766020 2C4766030 2C4766040	4 4	STD 0.50 0.75 1.00 STD 0.50 0.75 1.00
F3R	1965		2.0 L	4	1987-89	GTA	82.00	1.75 2.00 4.00	362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C7333	4	STD
F4R	2000		2.0 L	4	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
F3P 670, F3P 678 F3P 710, F3P 712 F3P 714, F3P 720 F3P 724, F3P 754 F3R 722, F3R 722 F3R 729, F3R 750	1794 1998		1.8 L 1.9 L	4 4	1990-01 1993-03	Clio, Laguna Espace, Laguna, Megane	82.70	1.50 1.75 3.00	032 BF PC GI 401 SCRPP PC GI 054 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 054 FV CR 732 FV CR	4990 4990020 2C4990 2C4990010 2C4990020 2C4990030 2C4990040	4 4	STD 0.50 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	1995		2.0 L	4	2005-On	Escape, Laguna, Megane, Scenic Turbo Diesel	84.00	2.50 2.00 2.00	211 HKST CC DI 210 SCRPP TF PC DI 248 CF CR 881 2PCO	2D7343 2D734350	1	STD 0.50
J8S	2068		2.1 L	4	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 SCRPP PC GI 204 CF CR DI 881 2PCO	2D5043	4	STD
G8T 706, G8T 752 G8T 790, G8T 792 G8T 794 DOHC	2188		2.2 L	4	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	2188		2.2 L	4	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, 829 730, J7R, J7T	1995 2165		2.0 L 2.2 L	4 4	1980-89 1985-89	21, Espace, Fuego 20, 25	88.00	1.75 2.00 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 056 FV CR 732 FV CR	4257 2M4257 2M4257010	4 4	STD STD 0.25



ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
												
RENAULT												
112, Z7V 708, Z7V 709, Z7V 711 Z7V-140	2664		2.7 L	6	1975-89	R25, 30 R30 TS, R30 TX	88.00	1.50 2.00 4.00	362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C4488 2C4488030	6	STD 0.75
G9U 630, G9U 632, G9U 650 Euro 4	2463		2.5 L	4	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	2463		2.5 L	4	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	2445		2.4 L	4	1981-On	Master, Trafic Diesel Eng	93.00	3.00 2.00 4.00	376 BF CR DI 401 SCRPP PC GI 200 CF PC GI 881 2PCO	2D9384	4	STD
S9W 700/S9W 702 eng.2572280-ON	2799		2.8 L	4	1998-01	Master II Turbo Diesel	94.40	2.50 2.00 2.50	233 FKST PM DI 210 SCRPP TF PC DI 204 CF CR DI 881 2PCO	2M7450	1	STD
S9W 700/S9W 702 Through-eng.2572279	2799		2.8 L	4	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
8140.63.2585 Euro 2	2798		2.8 L	4		Turbo Diesel	94.40	3.00 2.00 2.50	225 FKST CR DI 210 SCRPP TF PC DI 204 CF CR DI 881 2PCO	2C7449	1	STD
D225, D325	1700		1.7 L	2	1967-81	R6 Diesel Eng	95.00	3.00 3.00 3.00 5.00	232 HKST CR DI 206 TF PC DI 210 SCRPP TF PC DI 204 CF CR DI 881 2PCO	2C7437	1	STD
ROVER												
12 A2B, A Series A+ Series (12 A2D) A+ Series (12 A2E) A+ Series (12 H)	1275		1.3 L	4	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	4050 405050 4050100 4050150	4	STD 0.50 1.00 1.50
12 A2B, A Series A+ Series (12 A2D) A+ Series (12 A2E) A+ Series (12 H)	1275		1.3 L	4	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
DOHC	1120 1396		1.1 L 1.4 L	4 4	1990-On 1990-On	Metro, L, S Metro, GS, GTA, GTi, GLi, Si, SL, SLi,	75.00	1.20 1.50 3.00	398 BF CR S 435 SCRPP PC GI 054 FV CR 732 FV CR	2C4962 2C4962020 2C4962030 2C4962040	4	STD 0.50 0.75 1.00
16 K4F (K Series) 18 K4F, 18 K4K	1588 1796		1.6 L 1.8 L	4 4	1995-05 1995-05	25 1.6, 45, 200, 400 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	1905		1.9 L	4	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 M 57 D30	1951 2926		2.0 L 2.9 L	4 6	1999-07 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
20 T2R, 20 T2N 14 P/15 P, TD5 (10P)	1994 2495		2.0 L 2.5 L	4 5	1994-05 1998-04	25, 45, 200, 400,600 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	2179		2.2 L	4	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	1958-59	Land Rover Diesel Eng	85.73	2.25 2.25 2.25 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

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
ROVER												
Vin:5 Jaguar Engine	4394		4.4 L	8	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
11 D, 24 D,25 D 30 A, 31 A, 38 A	3500		3.5 L	8	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
	3528		3.5 L	8	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)	2402		2.4 L	4	2007-On	Turbo Diesel	89.90	2.00 2.00 2.00	205 BF CR DI 234 SCRPF TF PC DI 248 CF CR 881 2PCO	2D7377 2D737750	1	STD 0.50
	2250		2.3 L	4	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
12J	2495		2.5 L	4	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
80	2286		2.3 L	4	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
	2250		2.3 L	4	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)	2495		2.4 L	4	1986-98	Defender, Discovery Diesel Eng	90.50	3.00 2.50 3.00	222 FKST CC DI 435 SCRPF PC GI 553 CF CR GI 881 2PCO	2D4513	4	STD

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
ROVER												
M62 BMW Eng.	4398		4.4 L	8	2003-05	Alusil bore use 2C5296	92.00	1.50 1.50 2.00	363 BF CR GI 401 SCRPP PC GI 991 FV CR 005 FV CR 335 T PM DI 126 RVT PC GI 991 FV CR 005 FV CR	2C5296 2M5296 2M5296020	8	STD 8 0.50
HR 492 HT 492 4 SHIRG	2392 2500		2.4 L 2.5 L	4 4	1990-99 1982-86	800, 825 D/SD Diesel Eng	92.00	2.50 2.00 4.00	225 FKST CR DI 210 SCRPP TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
LR-V8	4999		5.0 L	8	2009-18	Discovery, Defender Range Rover Sport	92.50	1.20 1.50 2.00	398 BF CR S 401 SCRPP PC GI 991 FV CR 005 FV CR	2C4147 2C4147020	8	STD 0.50
42D 46D	3950 4600		4.0 L 4.6 L	8 8	1994-02 1994-02	Land Rover V-8 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
35D, 36D , 37D , 38D 40D	3950 4250		4.0 L 4.3 L	8 8	1988-98 1993-95	Land Rover EFI, Vogue 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 327 BF PM GI 126 RVT PC GI 872 FV CR 005 FV CR	4930 4930020 4930030 4930040 2M4930 2M4930020 2M4930030 2M4930040 2M4930060	8	STD 0.50 0.75 1.00 8 0.50 0.75 1.00 1.50
SAAB												
Z 19 DTH, Z 19 DTJ	1910		1.9 L	4	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	1	STD
A 20 DTH, A 20 DTR	1956		2.0 L	4	2010-On	9-5 2.0 TiD, 9-5 2.0 TTTiD 9-5 2.0 TTTiD 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
	1998		2.0 L	4	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 322 BF GN SS 435 SCRPP PC GI 995 FV CR 732 FV CR	2C5130 2C5130010 2C5130020 2C5130030 2C5130040 2N5130 2N513050	4	STD 0.25 0.50 0.75 1.00 4 0.50
	1854		1.9 L	4	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
	1985	121	2.0 L	4	1972-85	99L, 900, 900EMS incl. Turbo	90.00	1.75 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 860 FV CR 732 FV CR	5562 2C5562 2C5562020	4	STD 4 0.50
	1998 2290	121	2.0 L 2.3 L	4 4	2000-03 2000-05	Model 9-3 B205 SE L4 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
	2100		2.1 L	4	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

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
SEAT												
CBZA, CBZB, CJZA CJZD, CBZD, CVVA	1197		1.2 L	4	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	1193		1.2 L	4	1983-93	Ibiza, Malage, Ronda	75.00	1.50 1.75 4.00	032 BF PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR	4714 4714010 4714020 4714030 4714040	4	STD 0.25 0.50 0.75 1.00
CAXA, CAXC, CFNA BTS	1390 1598		1.4 L 1.6 L	4 4	2008-13 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 5 FV CR	2C5438 2C543850	4	STD 0.50
CAVA, CAVE, CAVF, CNWB, CTHA, CTHE	1390		1.4 L	4	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
AMF, BMS, BNM, BNV AHB, AKU 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 CKFB, CKFC, CRVA, CRVC, CUNA, CUPA	1422 1716 1896		1.4 L 1.8 L 1.9 L	3 4 4	2000-10 1997-04 1991-10	Arosa, Corodoba, Ibiza Arosa, Cordoba, Inca 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
CDAA, CDHA, CDHB, CJSA, CJSB CCZA, CCZB, CJXE, DEDA	1798 1984		1.8 L 2.0 L	4 4	2005-15 2005-15	TSI 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
BLR, BLY, BVY, BVZ, BWA	1984		2.0 L	4	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	1461		1.5 L	4	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

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
SKODA												
1000MB 742.1	988 1046		1.0 L 1.0 L	4	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 SCRPP PC GI 058 FV CR 732 FV CR	2C4422	4	STD
CBZA, CBZB, CJZA CJZC, CBZB, CYVA	1197		1.2 L	4	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	1174		1.1 L	4	1967-90	S120 Rapid 105, 120 1.2 120 GLS	72.00	2.00 2.00 4.00	362 BF 3CR GI 401 SCRPP PC GI 058 FV CR 732 FV CR	2C4424 2C4424030	4	STD 0.75
136M, 742.13, 781.136 AMH, AMJ AMD, AME, AQW ATZ, AZE, AZF	1289 1397		1.3 L 1.4 L	4	1994-02 2000-03	Felicia 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
136B, 781.135 781.135E, AMG	1300		1.3 L	4	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
CAVE, CTHE	1397		1.4 L	4	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
CAXA, CAXC, CFNA BLF, BTS	1390 1598		1.4 L 1.6 L	4	2008-13 2004-08	Octavia, Rapid, Superb, Yeti Octavia	76.50	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 5 FV CR	2C5438 2C543850	4	STD 0.50
AYM, BDG	2496		2.5 L	4	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, AEF, AEY, AGP, AGR, AHF, ALH, AQM, ASV, ASY, ASZ, ATD, AVB, AVF, AWX, AXR, BJB, BKC, BLS, BLT, BSW, BXE	1422 1896		1.4 L 1.8 L	3 4	2003-10 1995-11	Fabia, Octavia, Roomster 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
AZV, BKD, BMM, BMN, BMP, BSS	1968		2.0 L	4	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
CKFB, CKFC, CUPA CRLB, CUNA, CUUB DBGA, DFCA	1968		2.0 L	4	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














ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
SKODA												
CDA, CDAB, CJS, CJSB, CJS, CCZA, CHHA, CHHB,	1798		1.8 L	4	2005-15	Octavia, Superb. Yeti	82.50	1.20	398 BF CR S	2C5385	4	STD
	1984		2.0 L	4	2005-15	Octavia, Superb. Yeti		1.20 2.00	126 RVT PC GI 993 FV CR S 005 FV CR	2C538550		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	1984		2.0 L	4	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	599		0.6 L	3	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	698		0.7 L	3	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	999		1.0 L	3	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
M 132.910	999		1.0 L	3	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
SSANGYONG												
D20DT DOHC	1998		2.0 L	4		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 OM662, OM 662.940	2299 2874		2.3 L 2.9 L	4 5	1995-On 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	2295		2.3 L	4	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												
	3703 4031	226 246	3.7 L 4.0 L	6 6	1939-50 1939-63	14A, 15A, 16A, 17A, Land Cruiser, Commander 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
	3818	233	3.8 L	8	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
	3179	194	3.2 L	6	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














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
STUDEBAKER												
	3671 4244 4736	224 259 289	3.7 L 4.2 L 4.7 L	8 8 8	1955-64 1955-64 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
	3769	230	3.8 L	6	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
	4638	283	4.6 L	8	1965-66		98.43	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	660 660010 660020 660030 660040 660060 660080	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	2C660 2C660010 2C660020 2C660030 2C660040 2C660060 2C660080	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	2M660 2M660010 2M660020 2M660030 2M660040 2M660060 2M660080	8	STD 0.25 0.50 0.75 1.00 1.50 2.00














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
STUDEBAKER												
	5768	352	5.8 L	8	1956	Golden Hawk 56J	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
SUBARU												
A12	997		1.0 L	4	1967-69	Subaru 1000	72.00	2.00 2.00 4.00	362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C6752	4	STD
EK23	544		0.5 L	2		Rex, Sanba	76.00	1.50 1.50 2.80	032 BF PC GI 126 RVT PC GI 861 FV CR 732 FV CR	6153 6153010 6153020 6153030 6153040	2	STD 0.25 0.50 0.75 1.00
									362 BF 3CR GI 126 RVT PC GI 861 FV CR 732 FV CR	2C6153 2C6153010 2C6153020 2C6153030 2C6153040	2	STD 0.25 0.50 0.75 1.00
EK42	700		0.7 L	2		Subaru Rex, Sambar/700	78.00	1.20 1.50 2.80	398 BF CR S 126 RVT PC GI 861 FV CR 732 FV CR	2C4692 2C4692020 2C4692030 2C4692040	2	STD 0.50 0.75 1.00
EF10 EF12	997 1189		1.0 L 1.2 L	3 3	1983-95 1987-93	Justy Justy	78.00	1.20 1.50 2.80	398 BF CR S 126 RVT PC GI 861 FV CR 732 FV CR	2C4778 2C4778010 2C4778020 2C4778030 2C4778040	3	STD 0.25 0.50 0.75 1.00
EA61	1088		1.1 L	4	1970-72	Subaru FF-1, Star and Subaru G	76.00	2.00 2.00 4.00	102 T PC GI 401 SCRPP PC GI 058 FV CR 732 FV CR	4266 4266010 4266020 4266030 4266040 4266060	4	STD 0.25 0.50 0.75 1.00 1.50
									362 BF 3CR GI 401 SCRPP PC GI 058 FV CR 732 FV CR	2C4266 2C4266010 2C4266020 2C4266030 2C4266040 2C4266060	4	STD 0.25 0.50 0.75 1.00 1.50

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
SUBARU												
Z13DT	1248		1.3 L	4	2003-On	Justy Diesel Eng	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	STD 0.40 0.60
EA62, E62S	1267		1.3 L	4	1971-73	1300DL, GL	82.00	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	4294 4294020 4294030 4294040 4294060	4	STD 0.50 0.75 1.00 1.50
EA65	1298		1.3 L	4	1979-91	Leone, Loyale II 1300	83.00	1.20 1.50 4.00	398 BF CR S 126 RVT PC GI 056 FV CR 732 FV CR	2C4446 2C4446010 2C4446020 2C4446030 2C4446040	4	STD 0.25 0.50 0.75 1.00
	1361		1.4 L	4	1973-76	1400 DL, GF, GL	85.00	2.00 2.00 4.00	032 BF PC GI 401 SCRPP 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 SCRPP PC GI 056 FV CR 732 FV CR	2C6872 2C6872020 2C6872030 2C6872040 2C6872060	4	STD 0.50 0.75 1.00 1.50
EA71 EA81, EA82, EA82T	1595 1781		1.6 L 1.8 L	4 4	1979-91 1980-94	1600 DL, GL, GLF Brat 1800 1800 GL, GLF XT 1800 Incl. Turbo	92.00	1.20 1.50 4.00	398 BF CR S 401 SCRPP PC GI 056 FV CR 732 FV CR	2C5657 2C5657010 2C5657020 2C5657030 2C5657040	4	STD 0.25 0.50 0.75 1.00
EA71 EA81	1595 1781		1.6 L 1.8 L	4 4	1975-83 1975-79	Leone Leone	92.00	2.00 2.00 4.00	032 BF PC GI 401 SCRPP 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 SCRPP PC GI 056 FV CR 732 FV CR	2C5364 2C5364010 2C5364020 2C5364030 2C5364040	4	STD 0.25 0.50 0.75 1.00 1.50
									327 BF PM GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2M5364 2M5364020 2M5364030 2M5364040	4	STD 0.50 0.75 1.00
EJ18	1820		1.8 L	4	1993-On	Impreza	87.90	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4817 2C4817010 2C4817020 2C4817030 2C4817040	4	STD 0.25 0.50 0.75 1.00
EJ20 DOHC	1994		2.0 L	4	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	2000		2.0 L	4	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
EJ22	2212		2.2 L	4	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




ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
SUBARU												
EJ22E	2212		2.2 L	4	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
EJ257 DOHC/SOHC	2457		2.5 L	4	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	2458		2.5 L	4	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
EJ25, EJ25D	2457		2.5 L	4	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
EZ30, EZ30D DOHC	2999		3.0 L	6	2005-10	Legacy, Outback H6, Tribeca w/2.5mm oil grv	89.20	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 005 FV CR	2C5863 2C5863020	6	STD 0.50
EJ33	3318		3.3 L	6	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
EZ36D DOHC FI	3629		3.6 L	6	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
SUZUKI												
F5A	543		0.5 L	3	1981-On	Alto/Carry 600	62.00	1.50 1.50 2.80	362 BF 3CR GI 126 RVT PC GI 859 FV CR 732 FV CR	2C4449 2C4449020 2C4449030 2C4449040	3	STD 0.50 0.75 1.00
F8A	797		0.8 L	4	1980-85	Alto, Carry, LJ 80	62.00	1.50 1.50 2.80	362 BF 3CR GI 126 RVT PC GI 859 FV CR 732 FV CR	2C4807 2C4807010 2C4807020 2C4807030 2C4807040	4	STD 0.25 0.50 0.75 1.00
F10A	970		1.0 L	4		Samurai SJ 410 Super Carry	65.50	1.50 1.50 2.80	032 BF PC GI 126 RVT PC GI 859 FV CR 732 FV CR	4234 4234020 4234040	4	STD 0.50 1.00
K10A	996		1.0 L	4	1997-On	Alto	68.00	1.00 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C4220 2C4220010 2C4220020 2C4220030 2C4220040	4	STD 0.25 0.50 0.75 1.00
	660		0.7 L	3		Damas, Labo, Tico	68.50	1.20 1.50 2.80	398 BF CR S 126 RVT PC GI 859 FV CR 732 FV CR	2C5039 2C5039010 2C5039020 2C5039030 2C5039040	3	STD 0.25 0.50 0.75 1.00














ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
SUZUKI												
F8B	796		0.8 L	3	1981-93	Alto	68.50	1.50 1.50 2.80	362 BF 3CR GI 126 RVT PC GI 859 FV CR 732 FV CR	2C6185 2C6185010 2C6185020 2C6185030 2C6185040 2C6185060	3	STD 0.25 0.50 0.75 1.00 1.50
F10D, F10DN	1061		1.1 L	4	1981-On	SS-80	68.50	1.50 1.50 2.80	362 BF 3CR GI 126 RVT PC GI 859 FV CR 732 FV CR	2C5083 2C5083010 2C5083020	4	STD 0.25 0.50
Z13DT	1248		1.3 L	4	2003-On	Ignis, Swift, Wagon R+ - 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	STD 0.40 0.60
K12A	1200		1.2 L	4		SR-412 Wagon R,	71.00	1.00 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C4047 2C4047020	4	STD 0.50
	1000		1.0 L	3	1989-95	2 Ring Piston	74.00	1.20 2.80	398 BF CR S 859 FV CR 732 FV CR	2C4738 2C4738020 2C4738030 2C4738040	3	STD 0.50 0.75 1.00
G10A	993		1.0 L	3	1998-04		74.00	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C4184 2C4184010 2C4184020 2C4184030 2C4184040	3	STD 0.25 0.50 0.75 1.00
G13BB	1298		1.3 L	4	1998	Swift	74.00	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C4944 2C4944010 2C4944020 2C4944030 2C4944040	4	STD 0.25 0.50 0.75 1.00
G13A, G13B	1324		1.3 L	4	1985-01	Samurai, SJ 413 Sidekick, Swift	74.00	1.20 1.50 2.80	398 BF CR S 435 SCRP PC GI 859 FV CR 732 FV CR	2C4258 2C4258010 2C4258020 2C4258030 2C4258040 2C4258060	4	STD 0.25 0.50 0.75 1.00 1.50
	1324		1.3 L	4		Swift 2 Ring Piston	74.00	1.20 2.80	398 BF CR S 859 FV CR 732 FV CR	2C4364 2C4364020 2C4364030 2C4364040	4	STD 0.50 0.75 1.00
G16S	1590		1.6 L	4	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
G16A, G16KV	1590		1.6 L	4	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
M13A M15A	1328 1490		1.3 L 1.5 L	4	2000-08 2000-08	Ignis, Jimmy, Swift 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 2C4186020 2C4186030	4	STD 0.50 0.75
SOHC	2000		2.0 L	4	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
H20 DOHC	2000		2.0 L	6	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
XUD9SD	1905		1.9 L	4	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














ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
SUZUKI												
XUD9SD	1905		1.9 L	4	Th-1996	Vitara Diesel Eng	83.00	3.50	224 FKST PM DI 2.00 202 TTF PC DI 3.00 204 CF CR DI 881 2PCO	2M7157	1	STD
XUD9	1905		1.9 L	4	1998-04	Samurai 1.9 Diesel Eng	83.00	2.00	239 BF CC DI 2.00 123 RVT PC DI 3.00 204 CF CR DI 881 2PCO	2D7435 2D743525 2D743550	1	STD 0.25 0.50
D20AA Euro 5	1956		2.0 L	4	2009-On	SX4 Diesel Eng Turbo Intercooled	83.00	1.50	239 BF CC DI 1.50 406 N PC DI 2.00 553 CF CR GI 881 2PCO	2D7528 2D752840	4	STD 0.40
J18A J20A	1800 1995		1.8 L 2.0 L	4	1996-04 1996-04	Sidekick Sport 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 326 TBF GN SS 435 SCRPP PC GI 987 FV GN SS 714 GN SS	2C4959 2C4959010 2C4959020 2C4959030 2C4959040 2N4959	4	STD 0.25 0.50 0.75 1.00 STD
	1995		2.0 L	4	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
J20B	1995		2.0 L	4	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
H25A	2494		2.5 L	6	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
KL5J DOHC	1995		2.0 L	4	2003-08	Forenza, Reno ETEC L34	86.00	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR 322 BF GN SS 435 SCRPP PC GI 995 FV CR 732 FV CR	2C5130 2C5130010 2C5130020 2C5130030 2C5130040 2N5130 2N513050	4	STD 0.25 0.50 0.75 1.00 STD 0.50
H27A	2737		2.7 L	6	2001-08	Grand Vitara	88.00	1.20 1.50 2.80	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4567 2C4567010 2C4567020 2C4567030 2C4567040	6	STD 0.25 0.50 0.75 1.00
QR25DE DOHC Nissan Eng	2488		2.5 L	4	2009-12	Equator 16V	89.00	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5099 2C5099010 2C5099020 2C5099030 2C5099040	4	STD 0.25 0.50 0.75 1.00
J23A DOHC	2294		2.3 L	4	2004-08	Aerio	90.00	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5278 2C527850 2C5278100	4	STD 0.50 1.00
J24B	2393		2.4 L	4	2009-12	Allrad, Escude, Grand Vitara, Kizashi	92.00	1.20 1.00 2.00	398 BF CR S 123 RVT PC DI 991 FV CR 005 FV CR	2C4358 2C435825 2C435850	4	STD 0.25 0.50
TATA												
MPFI	1390		1.4 L	4	2000-04	Indica	75.00	1.20 1.50 2.80	398 BF CR S 435 SCRPP PC GI 996 FV CR 732 FV CR	2C4868 2C4868020 2C4868040	4	STD 0.50 1.00

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
TOYOTA												
1E, 1EL	1000		1.0 L	4		Starlet FWD	70.50	1.50 1.50 3.00	335 T PM DI 126 RVT PC GI 996 FV CR 732 FV CR	2M5015	4	STD
1KR-FE	996		1.0 L	3	2005-On	12V Aygo, Vitz, Yaris Platz 1.0 Yaris 1.0	71.00	1.00 1.00 1.50	398 BF CR S 123 RVT PC DI 981 FV CR 005 FV CR	2C4598 2C4598020 2C4598040	3	STD 0.50 1.00
2K	993		1.0 L	4	1966-74	Publica, Starlet	72.00	2.00 2.00 4.00	102 T PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR	6752	4	STD
K3-VE	1298		1.3 L	4	2005-08	Myvi, Scion	72.00	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 990 FV CR 732 FV CR	2C5266 2C5266010 2C5266016 2C5266020 2C5266024 2C5266030 2C5266040	4	STD 0.25 0.40 0.50 0.60 0.75 1.00
1NR-VE	1329		1.3 L	4	2015-18	Avanza Dual VVT-i	72.50	1.20 1.00 2.00	398 BF CR S 126 RVT PC GI 990 FV CR 732 FV CR	2C4107	4	STD
3NR-FE 1NR-FE 2NR-FE DOHC	1197 1329 1496		1.2 L 1.3 L 1.5 L	4 4 4	2010-on 2009-13 2010-15	16V Etios NGK10 Auris, Corolla, Verso, Yaris 16V Etios NGK12, NGK15	72.50	1.00 1.00 2.00	398 BF CR S 123 RVT PC DI 990 FV CR 732 FV CR	2C5392	4	STD
2EL, 2EL 3E, 3EE	1295 1456		1.3 L 1.5 L	4 4	1984-97 1987-97	Corona 1300, Starlet	73.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	4633 4633020 4633030 4633040 4633060	4	STD 0.50 0.75 1.00 1.50
									363 BF CR GI 126 RVT PC GI 054 FV CR 732 FV CR	2C4633 2C4633010 2C4633020 2C4633030 2C4633040 2C4633060	4	STD 0.25 0.50 0.75 1.00 1.50
									326 TBF GN SS 435 SCRPP PC GI 054 FV CR 732 FV CR	2N4633 2N463325 2N463350 2N463375 2N4633100	4	STD 0.25 0.50 0.75 1.00
1ND-TV SOHC	1364		1.4 L	4	1999-16	Corolla, Verso, Yaris Diesel Eng	73.00	1.50 1.50 3.00	239 BF CC DI 218 TF PC DI 204 CF CR DI 881 2PCO	2D5856	1	STD
2WZ-TV	1398		1.4 L	4	2005-10	Aygo Diesel Eng	73.70	2.50 1.95 2.50	213 FKST CC DI 209 RVT PC DI 248 CF CR 881 2PCO 732 FV CR	2D7270 2D727025 2D727050	1	STD 0.25 0.50
4EFE 5EFE DOHC	1331 1456		1.3 L 1.5 L	4 4	1991-99 1995-98	Corolla Paseo Tercel	74.00	1.20 1.20 3.00	398 BF CR S 126 RVT PC GI 996 FV CR 732 FV CR	2C4774 2C4774010 2C4774020 2C4774030 2C4774040 2C4774060	4	STD 0.25 0.50 0.75 1.00 1.50

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
TOYOTA												
K, KC 3K 4KC	1077 1166 1290		1.1 L 1.2 L 1.3 L	4 4 4	1968-78 1975-80 1978-87	Corolla 1100 Corolla Combi 1.2 Corolla, Starlet	75.00	2.00 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	6813 6813020 6813030 6813040 6813060 2C6813 2C6813010 2C6813020 2C6813030 2C6813040 2C6813060 2C6813063	4 4	STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50 1.60
K 3KC 4KC	1077 1166 1290		1.1 L 1.2 L 1.3 L	4 4 4	1968-78 1981-82 1980-82	Corolla 1100 Corolla 1200 Starlet Shallow Oil Ring Grv	75.00	2.00 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 856 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 856 FV CR 732 FV CR	6818 6818020 6818030 6818040 6818060 2C6818 2C6818010 2C6818020 2C6818030 2C6818040 2C6818060	4 4	STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
4KE	1290		1.3 L	4	1983-84	Starlet	75.00	1.50 1.50 4.00	032 BF PC GI 435 SCRPP PC GI 058 FV CR 732 FV CR 363 BF CR GI 435 SCRPP PC GI 058 FV CR 732 FV CR	6179 6179010 6179020 6179030 6179040 2C6179 2C6179010 2C6179020 2C6179030 2C6179040 2C6179060	4 4	STD 0.25 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00 1.50
2NZFE 1NZFE, 1NZFXE	1299 1497		1.3 L 1.5 L	4 4	2000-12 2000-12	Corolla, Yaris Echo, Prius, Porte, Yaris	75.00	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR 322 BF GN SS 435 SCRPP PC GI 987 FV GN SS 714 GN SS	2C5091 2C5091010 2C5091020 2C5091030 2C5091040 2C5091060 2N5091	4 4	STD 0.25 0.50 0.75 1.00 1.50 STD
1G, 1GE, 1GEU	1988		2.0 L	6		Altezza, Crown, Soarer	75.00	1.50 1.50 4.00	032 BF PC GI 401 SCRPP PC GI 058 FV CR 732 FV CR 363 BF CR GI 435 SCRPP PC GI 058 FV CR 732 FV CR	4632 4632010 4632020 4632030 4632040 2C4632 2C4632010 2C4632020 2C4632030 2C4632040	6 6	STD 0.25 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00
2M 2000, 50 OHC	2253		2.3 L	6	1966-72	Crown , MS Series	75.00	2.00 2.00 4.00	102 T PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	6797 6797040 2C6797 2C6797020 2C6797030 2C6797040 2C6797060	6 6	STD 1.00 STD 0.50 0.75 1.00 1.50

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
												
TOYOTA												
3WZ-TV	1560		1.6 L	4	2013-On	Proace Box 1.6 Diesel Eng Turbo Direct Injection	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
2A, 2AL	1295		1.3 L	4	1979-84	Corolla, Tercel	76.00	2.00 2.00 4.00	102 T PC GI 401 SCRPP PC GI 058 FV CR 732 FV CR	4266 4266010 4266020 4266030 4266040 4266060	4	STD 0.25 0.50 0.75 1.00 1.50
2P 3P 4P	1198 1345 1493		1.2 L 1.3 L 1.5 L	4 4 4	1961-66 1967-75 1972	Corona Fork Lift Fork Lift	76.60	2.00 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 058 FV CR 732 FV CR	4473	4	STD 0.50 0.75 1.00 1.50
3AC OHC	1452		1.5 L	4	1980-90	Tercel, Corolla	77.50	1.50 1.50 2.80	032 BF PC GI 126 RVT PC GI 861 FV CR 732 FV CR	6140 6140020 6140030 6140040	4	STD 0.50 0.75 1.00
2R	1490		1.5 L	4	1965-69	Corona	78.00	2.00 2.50 4.00	102 T PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR	6804	4	STD 1.00
5A-F, 5A-FE	1498		1.5 L	4	1987-06	Carina, Corolla, Soluna, Sprinter (Japan Only)	78.70	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 996 FV CR 732 FV CR	2C4134 2C413425 2C413450	4	STD
3ZZ-FE 1ZZ, 1ZZFE	1598 1794		1.6 L 1.8 L	4 4	2000-09 1998-08	Avensis, Corolla Celca, Corolla MR2 Spyder, Matrix XR, Vista	79.00	1.20 1.20 3.00	398 BF CR S 126 RVT PC GI 996 FV CR 732 FV CR	2C4947 2C4947010 2C4947020 2C4947030 2C4947040 2C4947060	4	STD 0.25 0.50 0.75 1.00 1.50
	2563		2.6 L	6	1971-80	Cressida, 4M, 4ME Mark II, MX23L, 4M Crown MS 63-65, MS75	80.00	2.00 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR	6876 6876020 6876030 6876040 6876060	6	STD 0.50 0.75 1.00 1.50
5K	1487		1.5 L	4	1985-95	Liteace Bus	80.50	1.50 1.50 4.00	032 BF PC GI 401 SCRPP PC GI 058 FV CR 732 FV CR	5300 5300010 5300020 5300030 5300040	4	STD 0.25 0.50 0.75 1.00














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
												
TOYOTA												
12R	1587		1.6 L	4	1971-75	Corona 1600 RT81 Hi-Lux	80.50	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	4293 4293010 4293020 4293030 4293040 4293060	4	STD 0.25 0.50 0.75 1.00 1.50
2ZRFE DOHC	1798		1.8 L	4	2009-15	Corolla, Matrix	80.50	1.00 1.00 1.50	398 BF CR S 123 RVT PC DI 981 FV CR 005 FV CR	2C4113 2C4113020 2C4113030 2C4113040	4	STD 0.50 0.75 1.00
3ZR-FE, 3ZR-FAE DOHC	1986		2.0 L	4	2013-18	Avensis, Corolla, Noah, RAV 4 , Voxy, 16V Flex Fuel Turbo	80.50	1.20 1.00 2.00	398 BF CR S 123 RVT PC DI 993 FV CR 5 FV CR	2C5395 2C539550 2C5395100	4	STD 0.50 1.00
4AFE, 4AG	1587		1.6 L	4	1993-03	Caribe, Carina, Corolla, Sprinter	81.00	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 054 FV CR 732 FV CR	2C4733 2C4733010 2C4733020 2C4733030 2C4733040	4	STD 0.25 0.50 0.75 1.00
									322 BF GN SS 126 RVT PC GI 987 FV GN SS 714 GN SS	2N4733 2N473325 2N473350 2N473375	4	STD 0.25 0.50 0.75
4AGE	1587		1.6 L	4	1990-93	Corolla	81.00	1.20 1.50 2.80	398 BF CR S 126 RVT PC GI 861 FV CR 732 FV CR	2C4684 2C4684010 2C4684020 2C4684030 2C4684040	4	STD 0.10 0.50 0.75 1.00
4AF/4AFE 4AGZE	1587		1.6 L	4	1988-93	Corolla Super charged	81.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	4683 4683020 4683030 4683040	4	STD 0.50 0.75 1.00
									335 T PM DI 126 RVT PC GI 054 FV CR 732 FV CR	2M4683 2M4683010 2M4683020 2M4683030 2M4683040	4	STD 0.25 0.50 0.75 1.00
									322 BF GN SS 126 RVT PC GI 987 FV GN SS 714 GN SS	2N4683 2N468325 2N468350 2N468375	4	STD 0.25 0.50 0.75
4AC, 4AGELC 4AGEC, 4AGE 4ALC	1587		1.6 L	4	1983-91	Corolla MR	81.00	1.50 1.50 2.80	032 BF PC GI 126 RVT PC GI 861 FV CR 732 FV CR	6180 6180010 6180020 6180030 6180040 6180060	4	STD 0.25 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 861 FV CR 732 FV CR	2C6180 2C6180010 2C6180020 2C6180030 2C6180040	4	STD 0.25 0.50 0.75 1.00
									327 BF PM GI 126 RVT PC GI 861 FV CR 732 FV CR	2M6180 2M6180010 2M6180020 2M6180030 2M6180040	4	STD 0.25 0.50 0.75 1.00

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
TOYOTA												
7AFE	1762		1.8 L	4	1993-02	Celica, Corolla	81.00	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4773 2C4773010 2C4773020 2C4773030 2C4773040	4	STD 0.25 0.50 0.75 1.00
2ZZ-EE, 2ZZ-GE DOHC	1796		1.8 L	4	2002-07	Celica Matrix	82.00	1.20 1.20 3.00	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C5087 2C5087020 2C5087030 2C5087040	4	STD 0.50 0.75 1.00
1CD, 1CDA DOHC	1998		2.0 L	4	1998-08	Corolla Turbo Diesel	82.20	2.00 1.50 3.00	226 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2C7428	1	STD
1C	1839		1.8 L	4	1985-89	Carina, Corolla Diesel Eng	83.00	2.00 2.00 3.00	370 HKST 3CR GI 126 RVT PC GI 054 FV CR 732 FV CR	2C5016 2C5016020 2C5016040	4	STD 0.50 1.00
1C, 1C-L, 1C-TL	1839		1.8 L	4	1982-92	Corolla, Camry Diesel Eng incl Turbo	83.00	2.00 2.00 4.00	370 HKST 3CR GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D4223 2D422325 2D422350 2D422375 2D4223100	4	STD 0.25 0.50 0.75 1.00
5MGE, 5MGEV 7MGE, 7MGTE	2759 2954		2.8 L 3.0 L	6 6	1982-87 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
5M, 5ME	2759		2.8 L	6	1981-82		83.00	2.00 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 058 FV CR 732 FV CR	6856 6856010 6856020 6856030 6856040	6	STD 0.25 0.50 0.75 1.00
									362 BF 3CR GI 401 SCRPP PC GI 058 FV CR 732 FV CR	2C6856 2C6856010 2C6856020 2C6856030 2C6856040	6	STD 0.25 0.50 0.75 1.00
21R	1972		2.0 L	4	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
21R	1972		2.0 L	4	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

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
TOYOTA												
2SEL, 2SELC, 21RC	1995		2.0 L	4	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 336 T PM DI 126 RVT PC GI 058 FV CR 732 FV CR	4217 4217010 4217020 4217030 4217040 4217060 2M4217 2M4217010 2M4217020 2M4217030 2M4217040	4	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00
2SEL	1995		2.0 L	4	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 363 BF CR GI 126 RVT PC GI 056 FV CR 732 FV CR	6156 6156020 6156030 6156040 6156060 2C6156 2C6156020 2C6156030 2C6156040	4	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00
2TC 3TC	1588 1770		1.6 L 1.8 L	4 4	1977-79 1980-82	Corolla 1600 Corolla 1800	85.00	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 056 FV CR 732 FV CR	6899 6899010 6899020 6899030 6899040 6899060 2C6899 2C6899010 2C6899020 2C6899030 2C6899040 2C6899060 2M6899 2M6899010 2M6899020 2M6899060	4	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 1.50
2TC , 2TE	1588		1.6 L	4	1971-77	Corolla 1600 Carina 1600	85.00	2.00 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	6872 6872020 6872030 6872040 6872060 2C6872 2C6872020 2C6872030 2C6872040 2C6872060	4	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
7R, 7RB 6R, 6RB 8R, 8RB, 8RC, 8RG	1591 1707 1858		1.6 L 1.7 L 1.9 L	4 4 4	1968-71 1969-74 1968-73	Corona, Mark II Corona, Mark II Corona, Mark II Hi-Lux Pickup	86.00	2.00 2.50 4.00	032 BF PC GI 401 SCRPP PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 860 FV CR 732 FV CR	6846 6846030 6846040 6846060 2C6846 2C6846030 2C6846040 2C6846060	4	STD 0.75 1.00 1.50 STD 0.75 1.00 1.50
10R	1897		1.9 L	4	1986-On		86.00	2.00 2.00 4.00	336 T PM DI 435 SCRPP PC GI 553 CF CR GI 881 2PCO	2D4210 2D421025 2D421050 2D421075 2D4210100	4	STD 0.25 0.50 0.75 1.00
3SFE	1998		2.0 L	4	1998-03	Camry, RAV 4	86.00	1.20 1.20 3.00	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C5005 2C5005010 2C5005020 2C5005030 2C5005040	4	STD 0.25 0.50 0.75 1.00













ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE
TOYOTA												
1AZ-FE	1998		2.0 L	4	2001-04	L4, RAV4	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
1TR-FE	1998		2.0 L	4	2005-18	Hilux, Innova w/ 2PC Oil Ring	86.00	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 248 CF CR 881 2PCO	2C7194	4	STD
1RE, 1RZ	1998		2.0 L	4		2000P, 8V	86.00	1.75 1.50 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	5281 5281010 5281020 5281040	4	STD 0.25 0.50 1.00
3SGTE , 3SGELC	1998		2.0 L	4	1986-95	Celica Altrac Celica GTS, MR2	86.00	1.20 1.50 4.00	398 BF CR S 435 SCRPP PC GI 058 FV CR 732 FV CR	2C4653 2C4653020 2C4653030 2C4653040	4	STD 0.50 0.75 1.00
3SFE, 3Y	1998		2.0 L	4	1986-97	Camry, Celica, Hiace, RAV 4	86.00	1.50 1.50 4.00	032 BF PC GI 435 SCRPP PC GI 058 FV CR 732 FV CR	4219 4219020 4219030 4219040 4219060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 435 SCRPP PC GI 058 FV CR 732 FV CR	2C4219 2C4219010 2C4219020 2C4219030 2C4219040 2C4219060	4	STD 0.25 0.50 0.75 1.00 1.50
									327 BF PM GI 435 SCRPP PC GI 058 FV CR 732 FV CR	2M4219 2M4219020 2M4219030 2M4219040	4	STD 0.50 0.75 1.00
1AD-FTV 2AD-FTV DOHC	1998 2231		2.0 L 2.2 L	4	2006-On 2005-On	Auris, Verso Diesel Eng	86.00	2.00 1.50 2.00	226 BF CR DI 218 TF PC DI 248 CF CR 881 2PCO	2C7465	1	STD
2JZGE, 2JZGTE DOHC	2997		3.0 L	6	1993-98	Incl. Turbo	86.00	1.50 1.50 4.00	376 BF CR DI 435 SCRPP PC GI 058 FV CR 732 FV CR	2C4713 2C4713010 2C4713020 2C4713030 2C4713040	6	STD 0.25 0.50 0.75 1.00
5SFE	2164		2.2 L	4	1999-02	Solara Camry	87.00	1.20 1.20 3.00	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C5006 2C5006010 2C5006020 2C5006030 2C5006040 2C5006060	4	STD 0.25 0.50 0.75 1.00 1.50
									398 BF CR S 435 SCRPP PC GI 987 FV GN SS 714 GN SS	2N5006 2N500625	4	STD 0.25
5SFE DOHC	2164		2.2 L	4	1990-98	Camry, Celica, MR2 16 valve	87.00	1.50 1.50 4.00	335 T PM DI 102 T PC GI 058 FV CR 732 FV CR	2M4207 2M4207010 2M4207020 2M4207030 2M4207040 2M4207060	4	STD 0.25 0.50 0.75 1.00 1.50














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
TOYOTA												
5SFE	2164		2.2 L	4	1990-94	Celica, MR2	87.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 997 FV CR 732 FV CR 335 T PM DI 126 RVT PC GI 997 FV CR 732 FV CR	4686 4686020 2M4686 2M4686020 2M4686030 2M4686040	4	STD 0.50 STD 0.50 0.75 1.00
2VZFE	2507		2.5 L	6	1988-93	Camry	87.50	1.50 1.50 3.00	335 T PM DI 126 RVT PC GI 997 FV CR 732 FV CR	2M4676 2M4676010 2M4676020 2M4676030 2M4676040	6	STD 0.25 0.50 0.75 1.00
3VZE	2959		3.0 L	6	1988-95		87.50	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 856 FV CR 732 FV CR 397 BF PM S 126 RVT PC GI 856 FV CR 732 FV CR	4689 4689020 4689030 4689040 2M4689 2M4689010 2M4689020 2M4689030 2M4689040	6	STD 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00
1MZFE DOHC	2995		3.0 L	6	1994-06		87.50	1.20 1.20 3.00	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4902 2C4902010 2C4902020 2C4902030 2C4902040	6	STD 0.25 0.50 0.75 1.00
1UZFE	3969		4.0 L	8	1991-97	LS400, SC400	87.50	1.50 1.50 3.00	335 T PM DI 126 RVT PC GI 997 FV CR 732 FV CR	2M4678 2M4678020 2M4678030 2M4678040	8	STD 0.50 0.75 1.00
5R	1994		2.0 L	4	1967-78	RS50 Crown 2000	88.00	2.00 2.50 4.00	032 BF PC GI 401 SCRCP PC GI 056 FV CR 732 FV CR 362 BF 3CR GI 401 SCRCP PC GI 056 FV CR 732 FV CR	6854 6854020 6854030 6854040 6854060 2C6854 2C6854020 2C6854030 2C6854040 2C6854060	4	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
18R, 18RC 20R 16R	1968 2189		2.0 L 2.2 L 2.6 L	4 4 4	1971-75 1975-80 1973-74	Hi-Lux Celica, Corona, Hi-Lux, Corona MK II 2600 Shallow Oil Ring Grv. Art Piston .156 Depth	88.50	2.00 2.50 4.00	032 BF PC GI 401 SCRCP PC GI 056 FV CR 732 FV CR 362 BF 3CR GI 401 SCRCP PC GI 056 FV CR 732 FV CR	5623 5623010 5623020 5623030 5623040 2C5623 2C5623010 2C5623020 2C5623030 2C5623040	4	STD 0.25 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00
18R, 18RC 20R 16R	1968 2189		2.0 L 2.2 L 2.6 L	4 4 4	1971-75 1975-80 1973-74	Hi-Lux Celica, Corona, Hi-Lux, Corona MK II 2600 Deep Oil Grv.	88.50	2.00 2.50 4.00	032 BF PC GI 401 SCRCP PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 401 SCRCP PC GI 860 FV CR 732 FV CR	6886 6886020 6886030 6886040 2C6886 2C6886020 2C6886030 2C6886040	4	STD 0.50 0.75 1.00 STD 0.50 0.75 1.00
2AZFE DOHC	2362		2.4 L	4	2007-13	L4 Corolla, Camry, Matrix, Scion XB	88.50	1.00 1.00 2.00	398 BF CR S 123 RVT PC DI 991 FV CR 005 FV CR	2C5267 2C5267010 2C5267020 2C5267030 2C5267040	4	STD 0.25 0.50 0.75 1.00


ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
TOYOTA												
2AZ-FXE DOHC	2398		2.4 L	4	2001-11	L4 Camry, Highlander, Solara	88.50	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 991 FV CR 005 FV CR 398 BF CR S 435 SCR P PC GI 987 FV GN SS 714 GN SS	2C5090 2C5090010 2C5090020 2C5090030 2C5090040 2N5090 2N509025 2N509050	4	STD 0.25 0.50 0.75 1.00 STD 0.25 0.50
L	2188		2.2 L	4	1979-91	Hiace, Hilux Mark II Diesel Eng	90.00	2.50 2.00 4.00	376 BF CR DI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D5643 2D564350 2D564375 2D5643100	4	STD 0.50 0.75 1.00
2ARFE 1ARFE DOHC	2494 2672		2.5 L 2.7 L	4 4	2009-17 2009-15	VVT-i Camry, RAV4 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	3878		3.9 L	6	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 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	4229 4229020 2C4229 2C4229020	6	STD 0.50 STD 0.50
4Y, 4YEC	2237		2.2 L	4	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 362 BF 3CR GI 126 RVT PC GI 870 FV CR 732 FV CR	4480 4480010 4480020 4480030 4480040 4480060 2C4480 2C4480010 2C4480020 2C4480030 2C4480040 2C4480060	4	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
22R, 22RE, 22RGC, 22RTEC, 22REC	2366		2.4 L	4	1985-95	Celica, Pickup, 4Runner	92.00	1.50 1.50 4.00	032 BF PC GI 401 SCR P PC GI 870 FV CR 732 FV CR 363 BF CR GI 401 SCR P PC GI 870 FV CR 732 FV CR 335 T PM DI 401 SCR P PC GI 870 FV CR 732 FV CR	4216 4216010 4216020 4216030 4216040 4216060 2C4216 2C4216010 2C4216020 2C4216030 2C4216040 2M4216 2M4216010 2M4216020 2M4216030 2M4216040 2M4216060	4	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00 1.50

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
TOYOTA												
22R, 22REC	2366		2.4 L	4	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	2446		2.4 L	4	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	2446		2.4 L	4	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	3310		3.3 L	6	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
2KD-FTV	2494		2.5 L	4	2001-17	Dyna, Fortuner, Hiace, Hilux	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	3378		3.4 L	6	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	3456		3.5 L	6	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
1GRFE DOHC	3955		4.0 L	6	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
3FE	3955		4.0 L	6	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
3F	3995		4.0 L	6	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












ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
TOYOTA												
2F	4230		4.2 L	6	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 3URFE DOHC	4608 5663		4.6 L 5.7 L	8 8	2009-15 2007-17	Sequoia, Tundra 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
2UZFE DOHC	4663		4.7 L	8	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	4663		4.7 L	8	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
2RZ-FE 3RZ-FE DOHC	2438 2693		2.4 L 2.7 L	4 4	1998-04 1999-04	Tacoma 4Runner, T100, Tacoma Shallow Oil Ring Grv.	95.00	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 856 FV CR 732 FV CR	4999 4999020 4999040	4	STD 0.50 1.00
									335 T PM DI 126 RVT PC GI 856 FV CR 732 FV CR	2M4999 2M4999020 2M4999030 2M4999040	4	STD 0.50 0.75 1.00
2RZ-FE 3RZFE	2438 2693		2.4 L 2.7 L	4 4	1995-97 1995-10	Tacoma 4Runner, T100, Tacoma, Hilux 2700P Deep Oil Ring Grv.	95.00	1.50 1.50 4.00	362 BF 3CR GI 126 RVT PC GI 870 FV CR 732 FV CR	2C4908 2C4908010 2C4908020 2C4908030 2C4908040	4	STD 0.25 0.50 0.75 1.00
2TZFE,2TZFZE	2438		2.4 L	4	1990-97	Previa	95.00	1.75 1.50 4.00	032 BF PC GI 126 RVT PC GI 870 FV CR 732 FV CR	4687 4687020 4687040	4	STD 0.50 1.00
									363 BF CR GI 126 RVT PC GI 870 FV CR 732 FV CR	2C4687 2C4687010 2C4687020 2C4687030 2C4687040	4	STD 0.25 0.50 0.75 1.00
2TRFE	2693		2.7 L	4	2006-13	Hiace, Tacoma, 4Runner	95.00	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 991 FV CR 005 FV CR	2C5261 2C5261010 2C5261020 2C5261030 2C5261040	4	STD 0.25 0.50 0.75 1.00
3L, KZTE	2779		2.8 L	4	1988-05	Hiace Van Toyo-Ace Hi-Lux Diesel Eng	96.00	2.00 2.00 4.00	370 HKST 3CR GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2C4710 2C4710020 2C4710040	4	STD 0.50 1.00
1KD-FTV DOHC	2982		3.0 L	4	2000-10	Hi Lux, Tocomo D4-D Diesel Eng	96.00	2.00 1.50 3.00	370 HKST 3CR GI 126 RVT PC GI 203 CF GN SS 881 2PCO	2D4583 2D458350	4	STD 0.50

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
TOYOTA												
1KD-FTV DOHC	2982		3.0 L	4	2000-10	Hi Lux, Tocomo D4-D Diesel Eng	96.00	2.00 1.50 3.00	232 HKST CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2C7330	1	STD
5L	3000		3.0 L	4		Hiace Diesel Eng	99.50	2.00 1.50 4.00	370 HKST 3CR GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2C5054 2C5054020 2C5054040	4	STD 0.50 1.00
1FZFE	4476		4.5 L	6	1994-97	Landcruiser	100.00	1.75 2.00 4.00	032 BF PC GI 126 RVT PC GI 052 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 052 FV CR 732 FV CR	4776 4776020 4776030 4776040 2C4776 2C4776010 2C4776020 2C4776030 2C4776040	6 6	STD 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00
TRIUMPH												
	1296 1296 1493		1.3 L 1.3 L 1.5 L	4 4 4	1966-72 1966-68 1973-80	1300TC, Spitfire Mark III 1300, 13/60 OHV Spitfire Mark IV	73.66	1.60 1.60 4.00	102 T PC GI 401 SCRPP PC GI 058 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 058 FV CR 732 FV CR	6840 6840010 6840020 6840030 6840040 6840060 2C6840 2C6840020 2C6840030 2C6840040	4 4	STD 0.25 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00
TR6 ,TR250	2498		2.5 L	6	1968-76		74.68	1.60 1.60 4.00	102 T PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	6817 6817020 2C6817	6 6	STD 0.50 STD
TR4, TR4A	2138		2.1 L	4	1962-69		86.00	1.60 1.60 4.00	102 T PC GI 102 T PC GI 058 FV CR 732 FV CR 362 BF 3CR GI 102 T PC GI 058 FV CR 732 FV CR	6735 6735040 2C6735 2C6735040	4 4	STD 1.00 STD 1.00
TR8	3522		3.5 L	8	1979-82		88.90	1.60 1.60 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	4289 4289020 4289030 2C4289 2C4289020 2C4289030	8 8	STD 0.50 0.75 STD 0.50 0.75
TR7	1998		2.0 L	4	1975-80		90.30	1.75 1.75 4.00	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4443 2C4443020	4	STD 0.50














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
												
TRIUMPH-MOTORCYCLE												
	250 750			1 3	1967-70 1969-75		67.01	1.60 1.60 3.18	102 T PC GI 102 T PC GI 501 1PCO PC GI 826 2PCO	6942 6942040	1	STD 1.00
		650		2	1966-75		70.99	1.60 1.60 3.18	102 T PC GI 102 T PC GI 501 1PCO PC GI	6938 6938040	2	STD 1.00
				2			76.02	1.60 1.60 3.18	102 T PC GI 102 T PC GI 501 1PCO PC GI	5119 5119020 5119040 5119060	2	STD 0.50 1.00 1.50
TR7, T140				2			76.02	1.60 1.60 3.18	102 T PC GI 102 T PC GI 501 1PCO PC GI	5119 5119020 5119040 5119060	2	STD 0.50 1.00 1.50
VAUXHALL												
Y13DT, Z13DT	1248		1.3 L	4	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	STD 0.40 0.60
A 14 NET Euro 5	1364		1.4 L	4	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
X10XE, Z10XE Z12XE, X12XE	973 1199		1.0 L 1.2 L	4 4	1996-00 1998-00	Agila, Corsa 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
B 12 XE	1119		1.2 L	3	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, A17DC, A17DTI A17DTJ, A17DTL, A17DTR, A17DTS, Z17DTJ, Z17DTR	1686		1.7 L	4	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	1870		1.9 L	4	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
	1300		1.3 L	4	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	1910		1.9 L	4	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	1	STD
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	1956		2.0 L	4	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

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
VAUXHALL												
Z 20DM, Z20 DHM	1991		2.0 L	4	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	1995		2.0 L	4	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
X20DTH SOHC	1995		2.0 L	4	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 X 22 DTH, Y 22 DTH, Y 22 DTR	1995 2172		2.0 L 2.2 L	4	1995-08 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
M9R	1995		2.0 L	4	2006-On	Turbo Diesel	84.00	2.50 2.00 2.00	211 HKST CC DI 210 SCRPF TF PC DI 248 CF CR 881 2PCO	2D7343 2D734350	1	STD 0.50
OHC	1597		1.6 L	4	1968-70		85.73	2.00 2.00 4.75	032 BF PC GI 401 SCRPF PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPF PC GI 860 FV CR 732 FV CR	6874 2C6874	4 4	STD STD
G9T 720, G9T 722, G9T 750	2188		2.2 L	4	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	2464		2.5 L	4	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)	2499		2.5 L	4	1996-98	Frontera Turbo Diesel	92.00	2.50 2.00 4.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
4JA1	2499		2.5 L	4	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 217 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	7384 2C7384	1 1	STD STD
S9W 700, S9W 702	2799		2.8 L	4	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	2799		2.8 L	4	1998-01	Turbo Diesel	94.40	2.50 2.00 2.50	233 FKST PM DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2M7450	1	STD
OHC	1975	121	2.0 L	4	1970-71		95.25	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	6873 6873010 6873020 6873030 2C6873	4 4	STD 0.25 0.50 0.75 STD














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
VM MOTORI												
HR92-1	598		0.6 L	1		Diesel Eng Incl Turbo	92.00	2.50	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
HR92-2	1196		1.2 L	2								
HR92-3	1794		1.8 L	3								
VM 392 HT	1779		1.8 L	3								
HR92-4,	2392		2.4 L	4								
VM 492 HT, VM 81 A	2990		3.0 L	5								
HR92-5 HR92-6	3588		3.6 L	6								
HR94 DOHC TCI	2776		2.8 L	4		Diesel Eng	94.00	3.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7362	1	STD
VOLKSWAGEN												
EA111	999		1.0 L	4	1996-On	RSH, Lupo, Polo	67.10	1.20 1.50 2.00	398 BF CR S 401 SCRPF PC GI 986 FV CR 732 FV CR	2C4808 2C4808020 2C4808040	4	STD 0.50 1.00
AZP, BTY	999		1.0 L	4	2000-On	Fox, Gol , Paraty, Saveiro	67.10	1.00 1.00 1.50	398 BF CR S 123 RVT PC DI 981 FV CR 005 FV CR	2C5207 2C5207020	4	STD 0.50
HA FA, FJ, GG HB, HC, HD	895 1093		0.9 L 1.1 L	4 4	1975-82 1974-90	Polo, Derby Golf, Jetta, Scirocco Derby, Golf, Polo	69.50	1.75 2.50 4.00	362 BF 3CR GI 401 SCRPF PC GI 055 FV CR 732 FV CR	2C4484	4	STD
HA FA, FJ, GG HB, HC, HD	895 1093		0.9 L 1.1 L	4 4	1975-82 1974-90	Polo, Derby Golf, Jetta, Scirocco Derby, Golf, Polo	69.50	1.75 2.00 4.00	032 BF PC GI 401 SCRPF PC GI 055 FV CR 732 FV CR	6192 6192020 6192040	4	STD 0.50 1.00
	1000		1.0 L	4		Gol Brazilian Mahle Piston	70.30	1.50 1.50 3.00	362 BF 3CR GI 126 RVT PC GI 996 FV CR 732 FV CR	2C4273	4	STD
CBZA, CBZB, CBCZ, CJZA, CJZB, CJZC, CJZD, CYVA, CYVB CYVC, CYVD	1197		1.2 L	4	2010-18	Beetle, Caddy, Golf, Jetta, Polo, Touran, Vento	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
CHYA, CHYB, CPGA	999		1.0 L	3	2011-On	Polo, Up	74.50	1.00 1.20 2.00	322 BF GN SS 126 RVT PC GI 993 FV CR 732 FV CR	2N5672	3	STD
AAU, AEV 3F ABD	1043 1272 1391		1.0 L 1.3 L 1.4 L	4 4 4	1990-99 1989-94 1991-96	Polo Polo Golf, CL/GI, Polo, CL/GT, Vento CL/GL	75.00	1.50 1.50 2.50	032 BF PC GI 435 SCRPF PC GI 995 FV CR 732 FV CR	5021	4	STD
									363 BF CR GI 435 SCRPF PC GI 995 FV CR 732 FV CR	2C5021 2C5021010 2C5021020 2C5021030 2C5021040	4	STD 0.25 0.50 0.75 1.00
AAK, ACM, GL, GN, HZ, 2C, 2G, AAV, GK, HK, HW, MH, NU, NZ, PY	1043 1272		1.0 L 1.3 L	4 4	1981-94 1982-95	Derby, Golf, Polo Derby, Golf, Jetta, Pollo	75.00	1.75 2.00 3.00	362 BF 3CR GI 401 SCRPF PC GI 054 FV CR 732 FV CR	2C5086 2C5086020 2C5086040	4	STD 0.50 1.00
AEX, AKV, APQ AEA, AEE, AUS, AZD, AHS, ALM	1390 1595		1.4 L 1.6 L	4 4	1995-04 1995-01	Caddy, Golf, Polo, Vento Caddy, Golf, Polo, Vento	76.50	1.20 1.50 2.50	398 BF CR S 401 SCRPF PC GI 995 FV CR 732 FV CR	2C5177 2C5177010 2C5177020 2C5177030	4	STD 0.25 0.50 0.75
AGY	1423		1.4 L	4	1996-09	Golf, Polo	76.50	1.20 1.50 2.50	398 BF CR S 401 SCRPF PC GI 995 FV CR 732 FV CR	2C5294 2C5294020 2C5294040	4	STD 0.50 1.00














ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
												
VOLKSWAGEN												
BCA, BKR, BKY, BUD, CAXA, CDDA, CFNA, CFNB, CGGA, CGGB, CPLA, CMSB BAG, BLF, BLP, BTS	1390 1598		1.4 L 1.6 L	4 4	2007-13 2003-11	Caddy, TSI Eos, Golf, Jetta, Passat, Polo, Scirocco, Touran FSI Eos, Golf, Jetta, Passat, Touran	76.50	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR 322 BF GN SS 126 RVT PC GI 993 FV CR 005 FV CR	2C5438 2C543850 2N5438 2N543825 2N543850	4 4	STD 0.50 STD 0.25 0.50
BWK, BMY, BLG CNWA, CAVE, CAVD, CAVC, CAVB, CAVA, CTHE, CTHA, CNWB,	1396		1.4 L	4	2003-12	Golf, Jetta, Touran, Tiguan, Sharan, Beetle, Eos, Scirocco, Polo incl. Turbo	76.50	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR 322 BF GN SS 126 RVT PC GI 987 FV GN SS 714 GN SS	2C5391 2C5391020 2N5391 2N539125 2N539150	4 4	STD 0.50 STD 0.25 0.50
CK CR, CS, JK, JP, ME TR6	1471 1588 2383		1.5 L 1.6 L 2.4 L	4 4 6	1976-80 1979-92 1978-80	Golf, Jetta, Passat Golf, Jetta, Passat, Santana Golf, Jetta, Passat 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
YJ, ZB, ZC	1471 1600		1.5 L 1.6 L	4 4	1973-77 1974-76	Dasher, Rabbit, Scirocco Dasher, Rabbit, Passat, Scirocco	76.50	2.00 2.50 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 056 FV CR 732 FV CR	4282 4282020 4282030 4282040 2C4282 2C4282010 2C4282020 2C4282030 2C4282040	4 4	STD 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00
			1.6 L	4	1976-On	Dasher D, Golf D, Jetta D, Passat D, Santana D Fits Brazilian Mahle Piston Diesel Eng	76.50	1.75 2.00 3.00	032 BF PC GI 401 SCR PC GI 054 FV CR 732 FV CR 363 BF CR GI 401 SCR PC GI 054 FV CR 732 FV CR	4832 4832020 2C4832 2C4832040	4 4	STD 0.50 STD 1.00
ABU	1598		1.6 L	4	1993-98	Golf, Vento	76.50	1.50 1.50 2.50	362 BF 3CR GI 401 SCR PC GI 995 FV CR 732 FV CR	2C5022 2C5022020 2C5022030 2C5022040	4	STD 0.50 0.75 1.00
CN	1986		2.0 L	5	1983-84	Diesel Eng	76.50	1.75 2.00 3.00	362 BF 3CR GI 401 SCR PC GI 204 CF CR DI 881 2PCO	2D4498 2D449825 2D449850 2D449875 2D4498100	5	STD 0.25 0.50 0.75 1.00
111, 211	1192		1.2 L	4	1954-65	1200, 30CV 1200 36-40 H.P.	77.00	2.50 2.50 4.00	362 BF 3CR GI 401 SCR PC GI 056 FV CR 732 FV CR	2C5868	4	STD
			1.3 L	4	1967-75	Type I, Type II Fits Brazilian Mahle Piston	77.00	2.00 2.00 4.00	102 T PC GI 401 SCR PC GI 058 FV CR 732 FV CR	4851 4851020	4	STD 0.50
AB, D, E, F	1285		1.3 L	4	1964-81	Beatle, Karmann (1200 and 1300)	77.00	2.00 2.00 4.00	102 T PC GI 435 SCR PC GI 056 FV CR 732 FV CR 362 BF 3CR GI 435 SCR PC GI 056 FV CR 732 FV CR	6780 2C6780 2C6780020 2C6780040	4 4	STD STD 0.50 1.00







ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE
VOLKSWAGEN												
	1588		1.6 L	4		GOL, AE1600 Fits Brazilian Mahle Piston	77.00	1.50 1.50 2.00	032 BF PC GI 401 SCRPP PC GI 993 FV CR 005 FV CR 363 BF CR GI 401 SCRPP PC GI 993 FV CR 005 FV CR	4977 2C4977 2C4977020 2C4977040	4	STD 4 0.50 1.00
	1588		1.6 L	4		AE Voyage,Gol, Parati, Saveiro Fits Brazilian Mahle Piston	77.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 054 FV CR 732 FV CR	4803 4803020 2C4803 2C4803020	4	STD 1.00 4 STD 0.50
AFB, AKE, AKN, AYM, BAU DOHC	2496		2.5 L	6	1997-05	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
EH FN, YN EN	1457 1588 1716		1.5 L 1.6 L 1.7 L	4 4 4	1976-80 1978-88 1978-86	Rabbit Dasher,Quantum,Rabbit Rabbit, Scirocco	79.50	1.75 2.00 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 056 FV CR 732 FV CR 327 BF PM GI 126 RVT PC GI 056 FV CR 732 FV CR	4490 4490010 4490020 4490030 4490040 4490060 2C4490 2C4490010 2C4490020 2C4490030 2C4490040 2C4490060 2M4490 2M4490010 2M4490020 2M4490030 2M4490040 2M4490060	4	STD 0.25 0.50 0.75 1.00 1.50 4 STD 0.25 0.50 0.75 1.00 1.50
JB FN,FT,YS	1457 1588		1.5 L 1.6 L	4 4	1977-84 1976-84	Dasher, Golf, Rabbit, Scirocco	79.50	1.75 2.50 5.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	6118 6118020 6118030 6118040 2C6118 2C6118020 2C6118040	4	STD 0.50 0.75 1.00 4 STD 0.50 1.00
EG, YS	1500 1600		1.5 L 1.6 L	4	1977-84	Dasher, Golf, Jetta Passat, Santana, Scirocco Fits Brazilian Mahle Piston	79.50	1.75 2.00 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 058 FV CR 732 FV CR	4833 4833020 4833040 2C4833 2C4833020 2C4833040	4	STD 0.50 1.00 4 STD 0.50 1.00
	1588		1.6 L	4	1974-77	Dasher, So, Rabbit, Scirocco	79.50	2.00 2.50 5.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	4304 4304020 4304040 2C4304 2C4304020	4	STD 0.50 1.00 4 STD 0.50














ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
VOLKSWAGEN												
	1588		1.6 L	4	1976-77	Dasher, Rabbit, Scirocco High Performance Piston	79.50	1.75 2.00 5.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	6117 6117020 6117040 2C6117 2C6117020 2C6117040	4	STD 0.50 1.00 STD 0.50 1.00
	1588		1.6 L	4	1975-On	Dasher, Golf, Passat Fits Brazilian Mahle Piston	79.50	2.00 2.50 5.00	363 BF CR GI 126 RVT PC GI 870 FV CR 732 FV CR	2C4828 2C4828020	4	STD 0.50
KY 1X, 1Y, AAZ, ABL, ADE, ADG, AEF AJA, AAB	1715 1896 2370		1.7 L 1.9 L 2.4 L	4 4 5	1985-05 1989-04 1990-03	Transporter Golf, Passat, Polo, Transporter, Vento Chassis, Transporter Diesel Eng 2 PC OIL	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
WE	2144		2.1 L	5	1978-84	Passat, Santana	79.50	1.75 2.00 4.00	363 BF CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C6145 2C6145020	5	STD 0.50
1F, ABN, DT,EZ, RE, RF, RL AAM, ACC, JN, RD, RM, RP OHC	1595 1781		1.6 L 1.8 L	4 4	1983-97 1983-02	Caddy, Golf, Jetta, Rabbit, Scirocco Golf, Jetta, Passat	81.00	1.50 1.75 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 054 FV CR 732 FV CR 335 T PM DI 126 RVT PC GI 054 FV CR 732 FV CR	4341 4341010 4341020 4341030 4341040 2C4341 2C4341010 2C4341020 2C4341030 2C4341040 2M4341 2M4341010 2M4341020 2M4341030 2M4341040	4	STD 0.25 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00
	1588		1.6 L	4		Passat	81.00	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR 335 T PM DI 126 RVT PC GI 054 FV CR 732 FV CR 322 BF GN SS 126 RVT PC GI 987 FV GN SS 714 GN SS	4683 4683020 4683030 4683040 2M4683 2M4683010 2M4683020 2M4683030 2M4683040 2N4683 2N468325 2N468350 2N468375	4	STD 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00 STD 0.25 0.50 0.75
AHL, ALZ, ANA, ARM, AVU, AYD,BFQ, BFS, BGU,BSE, BSF	1595		1.6 L	4	1997-On	Bora, Golf,Jetta, Caddy, Passat, Touran,New Beetle	81.00	1.00 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C4590 2C4590020 2C4590040	4	STD 0.50 1.00
AGN, AGU,APT, ARG DOHC incl. Turbo	1781		1.8 L	4	1996-00	Bora, Golf, Passat	81.00	1.50 1.75 2.00	032 BF PC GI 126 RVT PC GI 993 FV CR 005 FV CR 335 T PM DI 126 RVT PC GI 993 FV CR 005 FV CR	4923 4923020 2M4923 2M4923020 2M4923030 2M4923040	4	STD 0.50 STD 0.50 0.75 1.00

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET Set #	CYL SET	SIZE
VOLKSWAGEN												
	1800		1.8 L	4	1987- On	Made in Brazil	81.00	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 934 FV CR 935 FV CR	2C5095 2C5095010 2C5095020 2C5095030 2C5095040	4	STD 0.25 0.50 0.75 1.00
AAC, AZV, BDK, BMM, BNA, BST AAF, ACU, AET, AEV SOHC	1968 2459		2.0 L 2.5 L	4 5	1990-10 1990-03	Golf, Jetta, Passat Transporter Diesel Eng 2 PC OIL	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
CRBC, CRBL, CRVA	1968		2.0 L	4	2012-on	GOLF VII Turbo Diesel	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
HY, JT, KM, KV, KX	2226		2.2 L	5	1983-88	Passat Variant	81.00	1.50 1.75 3.00	335 T PM DI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D4541 2D454150 2D454175	5	STD 0.50 0.75
	2400		2.4 L	6		5 Valve V-6	81.00	1.50 1.50 2.00	327 BF PM GI 401 SCRPP PC GI 203 CF GN SS 881 2PCO	2D5020	6	STD
ACU, AAF	2459		2.5 L	5	1990-96	Caravelle, Transporter 3 PC Oil Ring	81.00	1.75 2.00 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	4922 4922020 4922030 4922040	5	STD 0.50 0.75 1.00
									362 BF 3CR GI 126 RVT PC GI 054 FV CR 732 FV CR	2C4922 2C4922020 2C4922030 2C4922040	5	STD 0.50 0.75 1.00
ACV, AGX, AHD, AJT, AXD, AXE, BAC, BCT, BCU, BCV, BJL BJM, BCT,BLJ, BLK, BTW CECA, CECB	2461		2.5 L	5	1995-11	Turbo Diesel	81.00	2.50 2.00 3.00	212 TBF CC DI 130 RVT PC GI 204 CF CR DI 881 2PCO	2D7476 2D747650	1	STD 0.50
AJS, AXD, AXE, AYH, BAC, BCT, BCU, BCV, BJL, BJM, BLJ, BLK, CBWA, CECA, CECB	2461		2.5 L	5	2002-10	Crafter, Multivan Touareg, Stationary engine Turbo Diesel	81.00	2.50 2.50 3.00	255 TBF CC DI 123 RVT PC DI 553 CF CR GI 881 2PCO	2D7834 2D783425 2D783450	5	STD 0.25 0.50
AAA,ABA,AES,ATQ,BDF	2792		2.8 L	6	1991-96	Caravelle, Eurovan Golf, GTI, Jetta GLX, Passat,Transporter,Vento VR6	81.00	1.50 1.75 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	4921	6	STD
									363 BF CR GI 126 RVT PC GI 054 FV CR 732 FV CR	2C4921 2C4921020 2C4921030 2C4921040	6	STD 0.50 0.75 1.00
	1605		1.6 L	4	1970-On	K70, 75CH TC8	82.00	1.75 2.00 4.00	362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C7333	4	STD
CDA, VAG	1798		1.8 L	4		DOHC Turbo L4 3 PC OIL	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
	1857		1.9 L	4	1986-88	Passat	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














ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET 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	1984		2.0 L	4	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 322 BF GN SS 406 N PC DI 987 FV GN SS 714 GN SS	2C4639 2C4639010 2C4639020 2C4639030 2C4639040 2N4639 2N463925 2N463950	4	STD 0.25 0.50 0.75 1.00 4 STD 0.25 0.50
	1984		2.0 L	4		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 363 BF CR GI 126 RVT PC GI 934 FV CR 935 FV CR	6190 6190020 6190040 2C6190 2C6190020 2C6190040	4	STD 0.50 1.00 4 STD 0.50 1.00
CBUA, CUTA, BGP, BGO, BTK, CBTA DOHC	2480		2.5 L	5	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
AAY	2496		2.5 L	5		Caravelle	82.50	1.50 1.50 2.00	032 BF PC GI 126 RVT PC GI 934 FV CR 935 FV CR 363 BF CR GI 126 RVT PC GI 934 FV CR 935 FV CR	9547 9547020 9547040 2C9547 2C9547020 2C9547040	5	STD 0.50 1.00 5 STD 0.50 1.00
CDA, CDAB, CJA, CJSB, CJSC BZB, CAWA, CBFA, CCCA, CCTA, CCZB, CDAB, CFP, CHHA, CJKA, CJKB, CJA, CJSB, CJSC, CJXB, CJXC, CJXE, CULA, CYFB, DEDA CCCA	1798 1984 2480		1.8 L 2.0 L 2.5 L	4	2005-15 2005-15 2005-15	TSI TSI TSI	82.50	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR S 005 FV CR 322 BF GN SS 406 N PC DI 248 CF CR 881 2PCO	2C5385 2C538550 2N5385 2N538550	4	STD 0.50 4 STD 0.50
ALT, AWX, AXX, BLR, BLX, BLY, BPY, BVX BVY, BVZ, BWA	1984		2.0 L	4	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
BPR, BPS	2480		2.5 L	5	2005-10	New Beetle 2.5						
H, K	1493		1.5 L	4	1961-73	1500, 1600, Kaefer 1500	83.00	2.00 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	6793 6793040 6793060 2C6793 2C6793040	4	STD 1.00 1.50 4 STD 1.00
CASB, CATA DOHC	2967		3.0 L	6	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
CARB, CCMA, CCWA, CCWB CDYA, CDYC	2967		3.0 L	6	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	1588		1.6 L	4	1965-84	1600, 57, 60, 65 H.P. Brazilian Mahle Piston	85.50	2.00 2.00 5.00	102 T PC GI 401 SCRPP PC GI 871 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 871 FV CR 732 FV CR	4841 4841020 4841040 2C4841 2C4841020 2C4841040	4	STD 0.50 1.00 4 STD 0.50 1.00

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET  Set #	CYL SET 	SIZE 
VOLKSWAGEN												
AK,AL, AM, AS,B, CZ, P, T, U	1588		1.6 L	4	1967-82	1500,1600, Kaefer, Transporter	85.50	2.00 2.00 5.00	032 BF PC GI 401 SCRPP PC GI 871 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 871 FV CR 732 FV CR	6781 6781010 6781020 6781030 6781040 6781060 2C6781 2C6781010 2C6781020 2C6781030 2C6781040 2C6781060	4	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
	1600		1.6 L	4	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 362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	4664 4664010 4664020 4664040 2C4664 2C4664010 2C4664020 2C4664040	4	STD 0.25 0.50 1.00 STD 0.25 0.50 1.00
	1600		1.6 L	4	1979-83		85.50	1.75 2.00 5.00	032 BF PC GI 401 SCRPP PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 860 FV CR 732 FV CR	6165 6165010 6165020 6165030 6165040 6165060 2C6165 2C6165010 2C6165020 2C6165030 2C6165040	4	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00
ACD	1584		1.6 L	4	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
	1493 1584		1.5 L 1.6 L	4 4		1500 Series 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
	1493 1584		1.5 L 1.6 L	4 4		1500 Series 1600 Series	87.00	2.00 2.00 5.00	032 BF PC GI 126 RVT PC GI 871 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 871 FV CR 732 FV CR	4298 2C4298 2C4298020	4	STD STD 0.50
85 H.P.	1679		1.7 L	4	1971-75	411, 1700	90.00	2.00 2.00 5.00	362 BF 3CR GI 401 SCRPP PC GI 871 FV CR 732 FV CR	2C6864	4	STD

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
												
VOLKSWAGEN												
	1679		1.7 L	4		Overbore Repl. Kit	92.00	2.00 2.00 4.00	032 BF PC GI 401 SCRPP 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 SCRPP 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 SCRPP PC GI 056 FV CR 732 FV CR	2M5364 2M5364020 2M5364030 2M5364040	4	STD 0.50 0.75 1.00
	1835		1.8 L	4		1600 Big Bore Cima (Late)	92.00	1.50 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR	4178	4	STD
2L	2446		2.4 L	4	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	1795		1.8 L	4	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
	1915		1.9 L	4		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	1971		2.0 L	4	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	2109		2.1 L	4	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 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
VOLVO												
D 4162 T	1560		1.6 L	4	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			2.0 L	5		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
D5244 T, D5224 T10, D5224 T13, D5224 T14, D5224 T16, D5224 T18 D5224 T2, D5224 T21, D5224 T4, D5224 T5, D5224 T7, D5224 T8	2401		2.4 L	5	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
D 5244 T	2401		2.4 L	5	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
B 18 U B 20 F	1794 1998		1.8 L 2.0 L	4 4	1991-96 1992-96	440, 460 440, 480	82.70	1.50 1.75 3.00	032 BF PC GI 401 SCRPP PC GI 054 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 054 FV CR 732 FV CR	4990 4990020 2C4990 2C4990010 2C4990020 2C4990030 2C4990040	4 4	STD 0.50 STD 0.25 0.50 0.75 1.00
B4184S B4204T3 DOHC	1783 1948		1.8 L 1.9 L	4 4	1995-13 2000-04	S40, V40 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 968	2435 2917		2.4 L 2.9 L	5	1996-99 1998-99	850GLE S70 V70 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	1780		1.8 L	4	1962-68	142, 144, 145, 122S, 544, P1800	84.14	2.00 2.00 4.75	032 BF PC GI 401 SCRPP PC GI 860 FV CR 732 FV CR	6726	4	STD
B27F	2673		2.7 L	6	1975-79	262, 264, 265, GL, GLE	88.00	1.50 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	4488 4488030 2C4488 2C4488030	6 6	STD 0.75 STD 0.75
B30A, B30E, B30F	2978		3.0 L	6	1969-75	164E	88.90	2.00 2.00 4.75	032 BF PC GI 401 SCRPP PC GI 860 FV CR 732 FV CR	6825 6825030	6	STD 0.75
B19A, B20A/F, B20F	1986		2.0 L	4	1980	343, 345, 142, 144, 145, 242, 244, 245, DL, GL	88.90	1.75 2.00 4.00	362 BF 3CR GI 401 SCRPP PC GI 860 FV CR 732 FV CR	2C6167 2C6167010 2C6167020 2C6167030	4	STD 0.25 0.50 0.75
B20A, B20B, B20E, B20F	1986		2.0 L	4	1969-74	P1800 142, 144, 145	88.90	2.00 2.00 4.75	032 BF PC GI 401 SCRPP PC GI 860 FV CR 732 FV CR 327 BF PM GI 401 SCRPP PC GI 860 FV CR 732 FV CR	6810 6810030 2M6810 2M6810030	4 4	STD 0.75 STD 0.75
B30	2979		3.0 L	6			88.90	1.75 2.00 4.00	362 BF 3CR GI 401 SCRPP PC GI 860 FV CR 732 FV CR	2C6168 2C6168010 2C6168020 2C6168030	6	STD 0.25 0.50 0.75

ENGINE	CC	CID	LITER	CYL	YEAR	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
VOLVO												
B80F, B280F, B28F	2849		2.8 L	6	1981-91	262, 264, 265, GL, GLE 740 GL, 760 GLE	91.00	1.50 2.00 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	5691 5691020 5691030 2C5691 2C5691020 2C5691030	6	STD 0.50 0.75 STD 0.50 0.75
B 21 A, B 21 E	2127		2.1 L	4	1979-86	240, 340	92.00	1.75 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR 363 BF CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	5692 5692010 5692020 5692030 5692040 2C5692 2C5692010 2C5692020 2C5692030 2C5692040	4	STD 0.25 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00
				6		FC	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
D47, D47A	4704		4.7 L	6		Deep Top Grv Diesel Eng	95.25	2.38 3.18 3.18 4.75 4.75	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 553 CF CR GI 881 2PCO 501 1PCO PC GI	2D5966	6	STD
B230F/FT	2316		2.3 L	4	1982-92	244, 245, DL, GL, 740 GL, GLE, 760 GL, GLE	96.00	1.75 1.75 3.50	032 BF PC GI 126 RVT PC GI 059 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 059 FV CR 732 FV CR	4477 4477020 4477030 2C4477 2C4477020 2C4477030	4	STD 0.50 0.75 STD 0.50 0.75
B23E/F	2316		2.3 L	4	1981-84	242,244,245,DL,GL	96.00	1.75 2.00 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	5695 5695020 5695030 2C5695 2C5695020 2C5695030	4	STD 0.50 0.75 STD 0.50 0.75
				6		D60	98.43	2.38 3.18 4.75	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6660	6	STD
WAUKESHA												
FC25E				4			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 362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	4215 4215020 4215040 2C4215	4	STD 0.50 1.00 STD

ENGINE 	CC 	CID 	LITER 	CYL 	YEAR 	MODEL 	BORE 	GRV 	RING TYPE 	HAST SET Set # 	CYL SET 	SIZE 
WAUKESHA												
FC, FC129J, FC132, FC161A, FK, FKJ				4			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
180GLB D155G 180DKB				4		Gas Eng.	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
4-155 Gas				4			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
180GKB				4			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
VRG265				6			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
6BK, 6BM, 6BKH, 6MS, 6XK, 190GL, 190GLB				6		4 Ring Piston 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
XAK, XAK21F, XAKH				4			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
180GL, 190DL, 190DLB, 190GL, 190KL, 190LB				6			95.25	3.18 3.18 3.18 6.35	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI	2C7747	6	STD
F283DL				6			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
6BZ, 6BZU, 6ML, 6-110 195GL				6			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
6A, 6AB, 6AL, 140GK, 140GKB, 140GKU				6		4 Ring Piston	114.30	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	2C4056	6	STD
VIK, VIKA, VIKH, VIKU				4			114.30	4.75 4.75 4.75 4.75	362 BF 3CR GI 102 T PC GI 401 SCRPP PC GI 860 FV CR 732 FV CR	2C4157	4	STD

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
120	3.18	3.18	4.00					98.43	Ford
133	3.18	3.18	4.75					88.90	General Motors
135	2.38	3.18	4.75					90.49	General Motors
136	2.38	2.38	4.75					90.49	Ford
2C136									General Motors
137	2.38	2.38	4.75					95.25	General Motors
2C137									Waukesha
139	2.00	2.00	4.75					101.60	American Motors
2C139									Checker
2M139									Chrysler
									Dodge Trucks
									Ford
									General Motors
									Jeep
									Massey-Ferguson
									Packard
									Studebaker
142	3.18	3.18	4.00	4.00				79.38	Chrysler
143	2.38	3.18	4.00	4.00				79.38	Chrysler
144	2.38	2.38	4.00	4.00				82.55	Chrysler
2C144									Continental
									Dodge Trucks
									Massey-Ferguson
148	2.00	2.00	4.75					99.31	Case
2C148									Chrysler
2M148									Dodge Trucks
268	3.18	3.18	3.18	3.18	3.18			63.50	Bendix
429	2.38	2.38	4.75	4.75				87.31	General Motors
437	2.00	2.00	4.75					106.36	Chrysler
									General Motors
2C438	2.38	2.38	4.00	4.00				85.73	Massey-Ferguson
441	3.18	3.18	4.00	4.00				82.55	Chrysler
									Dodge Trucks
443	2.38	3.18	4.00	4.00				82.55	Chrysler
									Dodge Trucks
445	2.38	2.38	4.00	4.00				87.31	Chrysler
2C445									Massey-Ferguson
446	2.38	2.38	4.00	4.00				82.55	Chrysler
450	2.00	2.00	4.75					94.46	Chrysler
2M450									General Motors
458	2.38	2.38	4.75					88.90	Packard

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
2C468	3.18	3.18	3.18	4.75				90.49	Allis Chalmers General Motors
473	2.38	2.38	4.75					84.14	Studebaker
474	2.00	2.00	4.75					85.73	Studebaker
2C523	2.38	2.38	4.00	4.00				80.96	Ford
529	2.38	2.38	4.00	4.00				80.96	Ford
533	2.38	2.38	4.75	4.75				80.96	Ford
2C534	2.38	2.38	4.75					88.90	Ford
2C535	2.38	2.38	4.75					80.96	Ford
2C549	2.38	2.38	4.75	4.75				80.96	Ford
562	2.38	2.38	4.75					88.90	Ford
563	2.38	2.38	4.75					92.08	Ford
2C563									Mazda
564	2.38	2.38	4.75					92.08	Ford
2C564									International
568	2.00	2.00	4.75					95.25	American Motors
2C568									Chrysler
2M568									Ford General Motors Jeep
571	2.00	2.38	4.75					96.52	Ford
574	2.00	2.38	4.75					102.87	Ford
576	2.00	2.38	4.75					109.22	Ford
577	2.00	2.38	4.75					101.60	Ford
2M577									General Motors
578	2.38	2.38	2.38	4.75				114.30	Ford
2C578									International
2C579	2.38	2.38	2.38	4.75				104.78	International
582	2.00	2.00	4.75					88.90	Ford
2M582									General Motors
2C583	2.00	2.38	4.75					94.46	Ford
586	2.00	2.00	4.75					93.47	Ford
2C589	2.00	2.38	6.35					98.43	Ford
2C590	2.00	2.38	6.35					102.87	Ford
591	2.00	2.38	4.75					98.43	Ford
592	2.00	2.00	4.75					101.60	Ford
594	2.00	2.00	4.75					102.87	Ford
595	2.00	2.00	4.75					104.90	Ford
2M596	2.00	2.38	4.75					111.25	Ford
598	2.00	2.00	4.75					110.74	Ford

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
599 2C599	2.00	2.50	4.00					90.80	Ford
611	2.38	2.38	4.75	4.75				88.90	General Motors
618	2.38	2.38	4.75					87.31	General Motors
619	2.38	2.38	4.75					82.55	General Motors
627	2.00	2.00	4.75					87.31	Chrysler Dodge Trucks
630	2.00	2.00	4.75					90.49	Chrysler Dodge Trucks Packard Studebaker
633 2M633	2.00	2.00	4.75					92.08	Chrysler Dodge Trucks General Motors
636	2.00	2.00	4.75					100.01	Chrysler Dodge Trucks Ford General Motors
639	2.00	2.00	4.75					103.19	General Motors
640	2.00	2.00	4.75					103.19	General Motors
641	2.00	2.00	4.75					103.98	General Motors
643	2.00	1.60	4.75					105.43	General Motors
644	2.00	2.00	4.75					104.65	General Motors
645 2M645	2.00	2.00	4.75					109.54	General Motors
650	2.00	2.38	4.75					101.60	General Motors
651	2.00	2.38	4.75					104.78	General Motors
652 2C652 2M652	2.00	2.00	4.75					88.90	American Motors Checker Ford General Motors Rover
653	2.00	2.00	4.75					92.08	General Motors
656 2C656 2M656	2.00	2.00	4.75					95.25	American Motors General Motors International Jeep
657	1.60	1.60	4.75					104.90	General Motors

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
660 2C660 2M660	2.00	2.00	4.75					98.43	Checker Chrysler Dodge Trucks General Motors Studebaker
661 2M661	2.00	2.00	4.75					104.78	Chrysler General Motors Packard
662	2.00	2.00	4.75					85.73	General Motors
663 2C663	2.00	2.00	4.75					87.31	Chrysler Dodge Trucks General Motors
665 2C665 2M665	2.00	2.00	4.75					98.43	American Motors General Motors Jeep
666 2M666	2.00	2.00	4.75					90.49	General Motors Studebaker
667 2C667 2M667	2.00	2.00	4.75					98.43	American Motors Checker General Motors Jeep Studebaker
668 2C668 2M668	2.38	2.38	4.75					98.43	General Motors Massey-Ferguson
669	1.60	1.60	3.18					87.31	General Motors
670	1.60	1.60	4.75					98.43	General Motors
671	2.38	2.00	2.00	4.75				100.01	General Motors
672 2C672 2M672	2.00	2.00	4.75					105.79	American Motors Jeep
674	2.00	2.00	4.00					86.13	Chrysler
675 2C675	2.00	2.00	4.00					76.90	Chrysler Dodge Trucks Hyundai Mitsubishi
676 2M676	2.00	2.00	4.75					110.29	Chrysler Dodge Trucks
677 2C677	1.60	2.00	4.00					80.96	Ford

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
680	2.38	2.38	4.75					79.38	American Motors
681	2.00	2.00	4.75					93.66	Chrysler
2C682	2.00	2.00	4.75					96.04	Chrysler General Motors
683 2M683	2.00	2.00	4.75					107.95	Chrysler Dodge Trucks General Motors
687 2C687 2M687	2.00	2.00	4.75					86.36	Case Chrysler Dodge Trucks Massey-Ferguson
690	2.00	2.00	4.75					79.38	American Motors Ford
692 2M692	2.00	2.00	4.75					109.73	Chrysler Dodge Trucks
693 2C693 2M693	2.00	2.00	4.75					103.63	American Motors Jeep
694 2M694	2.00	2.00	4.75					102.62	Chrysler General Motors
695	2.00	2.00	4.75					109.22	General Motors
696 2M696	2.00	2.00	4.75					96.52	Ford General Motors Jeep
697	2.00	2.00	4.75					103.07	General Motors
698	2.00	2.00	4.75					98.30	General Motors
2C702	3.18	3.18	3.18	4.75				101.60	Allis Chalmers Massey-Ferguson
2C710	3.18	3.18	3.18	3.18	4.75			76.20	International
2C722	6.35	6.35	6.35	6.35	6.35			139.70	John Deere
2C726	3.18	4.00	4.00	6.35				85.73	International
727 2C727	3.18	3.18	3.18	6.35				76.20	Case Continental International Massey-Ferguson
776	3.18	3.18	4.75					95.25	Ford
2C825	2.38	2.38	4.00					80.96	Ford
828 2C828	2.38	2.38	4.75					79.38	Jeep
834	2.00	2.00	4.75					84.94	Jeep

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
2C4007	3.18	3.18	3.18	4.75				101.60	Mack Waukesha
2C4008	3.18	3.18	3.18	4.75				92.08	General Motors International Volvo
2C4047	1.00	1.20	2.00					71.00	Suzuki
4048	2.38	3.18	4.75					88.90	Packard
4050	1.49	1.49	4.00					70.62	Rover
2N4055	1.20	1.75	2.00					83.00	Mercedes-Benz
2C4056	3.18	3.18	3.18	4.75				114.30	General Motors Mack Waukesha
2N4057	1.00	1.00	2.00					71.00	Citroen Peugeot
2N4059	1.50	1.75	2.50					88.00	Mercedes-Benz
2C4068	1.00	1.20	2.00					71.00	Hyundai Kia
2N4069	1.00	1.00	2.00					75.00	Citroen Opel Peugeot Vauxhall
2N4071	1.20	1.50	2.00					79.00	Ford
4072	3.18	3.18	3.18	4.75				82.55	Massey-Ferguson
2C4072									
2N4077	1.20	1.50	2.00					93.00	Porsche
2N4078	1.20	1.50	2.00					97.00	Mercedes-Benz
2N4079	1.00	1.20	2.00					72.00	Smart
2M4085	1.60	1.50	2.50					89.60	Ford
2C4087	1.20	1.20	2.50					76.00	Nissan
2C4089	1.20	1.20	2.00					71.50	Mazda Mitsubishi Nissan
2N4096	1.20	1.20	2.00					73.00	Nissan
2N4097	1.20	1.50	2.00					81.00	Audi
2N4104	1.00	1.20	2.00					72.00	Alfa Romeo Fiat
2C4106	1.20	1.50	2.50					85.00	Citroen
2M4106									Peugeot
2C4108	1.20	1.50	2.00					82.00	Bmw

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
2C4113	1.00	1.00	1.50					80.50	General Motors Lexus Toyota
2C4114	1.00	1.20	1.50					94.00	General Motors
2C4115	1.20	1.20	2.00					77.90	General Motors
2C4118	1.20	1.20	2.50					78.00	Kia
2C4122	1.20	1.00	2.00					87.00	Acura Honda
4123	2.38	2.38	6.35					80.96	International
2N4126	1.20	1.20	2.00					71.00	Audi Seat Skoda Volkswagen
2C4128	1.50	1.50	2.50					72.00	Peugeot
2N4129	1.20	1.50	2.50					82.00	Mercedes-Benz
2C4132	1.00	1.00	2.00					90.00	Toyota
2N4138	1.20	1.75	3.00					80.00	Mercedes-Benz
2N4141	1.20	1.20	2.00					72.50	Opel Vauxhall
2D4143	2.00	2.00	2.00					85.00	Citroen Fiat Peugeot
2N4144	1.20	1.50	2.00					82.50	Audi Seat Skoda Volkswagen
2C4146	1.50	1.50	3.00					75.50	Skoda
2C4148	1.50	1.50	3.00					65.00	Fiat
2N4149	1.00	1.00	2.00					72.00	Smart
4157	4.75	4.75	4.75	4.75				114.30	Waukesha
2C4157									
2C4158	1.50	1.50	2.80					73.60	Nissan
2C4162	1.20	1.20	2.00					73.40	Opel
2C4170	1.20	1.50	2.50					78.00	Suzuki
4171	2.00	2.00	4.50					90.00	General Motors
2C4174	1.20	1.50	2.50					87.50	General Motors
2C4175	1.50	1.50	2.00					76.50	General Motors
4177	1.50	2.00	4.00					94.00	Volkswagen
4178	1.50	2.00	4.00					92.00	Volkswagen
2C4179	1.20	1.50	2.00					86.00	General Motors

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
2C4181	1.20	1.50	2.00					77.00	Bmw
4182	3.18	3.18	3.18	6.35				76.20	Continental
2M4183	1.20	1.50	2.50					95.50	Ford
2C4184	1.20	1.20	2.50					74.00	Suzuki
2C4186	1.20	1.20	2.50					78.00	Suzuki
2N4187	1.50	1.75	3.00					83.20	Mercedes-Benz
2N4189	1.20	1.50	2.50					84.00	General Motors Opel
2C4192	1.50	1.75	3.00					85.30	Mercedes-Benz
2M4197	1.50	1.50	2.50					90.00	Saab
2C4199	1.20	1.20	2.00					79.00	General Motors
4203	2.00	2.00	4.75					96.00	Ford
4205	2.00	2.50	4.00					93.00	Ford
2M4206	1.50	1.50	4.00					87.50	Chrysler
2M4207	1.50	1.50	4.00					87.00	Isuzu
2N4207									Toyota
2C4208	1.20	1.50	2.80					74.00	General Motors
2D4210	2.00	2.00	4.00					86.00	Ford Mazda Toyota
2C4214	1.75	2.00	4.00					89.00	Bmw
4215 2C4215	2.38	2.38	2.38	4.75				82.55	International Massey-Ferguson Waukesha
4216 2C4216	1.50	1.50	4.00					92.00	Mazda Toyota
4217 2M4217	1.50	1.50	4.00					84.00	Isuzu Toyota
4218	1.50	1.50	4.00					82.00	General Motors
4219 2C4219	1.50	1.50	4.00					86.00	Nissan Toyota
2C4220	1.00	1.20	2.00					68.00	Suzuki
4221	1.50	1.50	2.80					83.00	Nissan
4222 2C4222	1.50	1.50	4.00					87.50	Chrysler Dodge Trucks
2D4223	2.00	2.00	4.00					83.00	Toyota
2D4225	2.00	2.00	4.00					92.00	Toyota
2C4228	1.75	2.00	4.00					89.00	Bmw
4229	2.00	2.50	4.00	4.00				90.00	Toyota
2C4231	2.38	3.18	4.75	4.75				101.60	International

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
4233	2.38	2.38	4.00	4.00				84.14	Checker Continental Jeep
4234	1.50	1.50	2.80					65.50	Suzuki
2C4237	1.20	1.50	4.00					78.00	Mazda
4241 2M4241	1.50	1.50	2.80					77.00	General Motors Isuzu
4244	1.60	1.60	4.75					69.72	Harley-Davidson
4246	2.00	2.00	4.00					95.00	Opel
4247 2C4247	2.00	2.00	4.00					84.00	Chrysler Dodge Trucks General Motors Isuzu Mitsubishi Toyota
4248	1.75	2.00	4.00					75.00	Opel
4250	1.50	1.75	4.00					84.00	Alfa Romeo
4253 2C4253	1.75	2.00	4.00					80.60	Chrysler Peugeot
4256	1.50	1.50	4.75					89.00	General Motors
4257 2M4257	1.75	2.00	4.00					88.00	Citroen Jeep Renault
2C4258	1.20	1.50	2.80					74.00	General Motors Suzuki
4261	1.50	1.50	3.00					81.94	Ford
4262	1.50	1.50	4.00					96.80	Ford
4265 2M4265	1.50	1.50	4.00					78.00	Ford Kia Mazda Nissan
4266 2C4266	2.00	2.00	4.00					76.00	Nissan Renault Subaru Toyota
2M4267	3.00	2.00	4.50					100.00	Nissan
2C4273	1.50	1.50	3.00					70.30	Volkswagen
4276	2.00	3.00	4.00					90.00	Ford
4277	2.00	2.00	4.00					68.00	Mazda
4279	1.50	2.00	4.00					88.00	Peugeot

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
4280	1.50	1.75	4.50					84.00	Alfa Romeo
4282	2.00	2.50	4.00					76.50	Audi
2C4282									Volkswagen
4284	1.50	1.50	3.00					92.00	General Motors
4289	1.60	1.60	4.75					88.90	Rover
2C4289									Triumph
2C4290	1.50	1.75	4.00					88.00	Alfa Romeo
2C4291	1.50	1.75	3.50					80.00	Alfa Romeo
4293	2.00	2.00	4.00					80.50	Toyota
4294	2.00	2.00	4.00					82.00	General Motors
2C4294									Isuzu Subaru
4298	2.00	2.00	5.00					87.00	Volkswagen
2C4299	1.50	1.50	5.00					87.00	Volkswagen
4301	1.50	1.50	4.00					82.00	Ford
2M4301									Isuzu
2C4303	1.75	2.50	4.00					86.00	Mercedes-Benz
4304	2.00	2.50	5.00					79.50	Audi
2C4304									Volkswagen
2C4305	3.18	2.38	4.75					114.30	International
2C4313	1.50	1.50	2.50					79.50	Renault
4320	2.00	2.50	4.00					87.00	Mercedes-Benz
2C4329	1.50	1.75	3.00					80.00	Bmw
4330	1.75	2.00	4.00					76.00	American Motors
2C4330									Peugeot Renault
4340	1.50	2.00	4.00					84.00	Bmw
4341	1.50	1.75	3.00					81.00	Audi
2C4341									Volkswagen
4342	2.00	2.00	4.00					71.00	Chrysler
2C4342									Mitsubishi
4346	1.50	1.50	4.00					101.60	Ford
2M4346									Jeep
4347	1.50	1.50	4.00					73.00	Hyundai
2C4347									Mazda Mitsubishi Nissan
4353	1.50	1.50	4.00					76.90	Chrysler
2C4353									Mitsubishi
2C4354	1.00	1.00	2.00					77.58	General Motors

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
4355	1.50	1.50	3.00					70.62	M.G. Rover
2C4356	1.20	1.20	2.00					79.00	Ford General Motors
2C4357	1.00	1.20	2.00					81.00	Hyundai Kia
2C4358	1.20	1.20	2.00					92.00	Suzuki
4359	1.60	1.60	1.60					69.85	Harley-Davidson
4360	2.00	2.50	4.00					75.00	Audi
4362	1.50	1.50	2.80					71.00	Nissan
2C4363	1.00	1.20	2.80					74.00	Honda
2C4364	1.20	2.80						74.00	Suzuki
2C4365	1.50	1.50	4.00					88.00	Isuzu
4366 2C4366	1.60	2.00	4.75					101.60	American Motors General Motors
4367 2C4367	1.50	1.50	4.00					80.60	Chrysler Jeep Mitsubishi
4369	1.75	2.00	3.50					65.00	Renault
4373	2.00	2.00	4.00					70.00	Peugeot
2D4379	2.38	2.38	4.75					95.00	Mazda
4381	2.00	2.00	4.00					78.00	Mazda
2D4390	2.50	2.00	5.00					86.00	Isuzu
4393	1.50	1.50	4.00					82.00	General Motors
4394	2.00	2.00	4.00					86.00	Nissan
4396 2C4396 2M4396	1.50	1.50	4.00					74.00	Chrysler Honda Mitsubishi
4398	2.00	2.00	4.75					82.55	Onan
2C4400	2.38	3.18	3.18	4.75				94.46	General Motors
4408	1.50	2.00	4.75					89.00	General Motors
4409	1.50	1.50	4.00					93.47	Ford
4410	2.00	2.00	4.00					73.00	Nissan
2C4412	1.50	2.00	4.00					78.00	Ford
4413	2.00	2.00	5.00					79.00	Opel
4415	2.00	2.00	5.00					85.00	Opel
4416	2.00	2.00	5.00					87.00	Opel
4417	2.00	2.00	4.75					80.96	Vauxhall
2C4422	2.00	2.00	4.00					68.00	Skoda
2D4423	2.00	2.00	2.00	5.00				88.00	Opel

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
2C4424	2.00	2.00	4.00					72.00	Skoda
2C4434	1.20	1.00	2.00					84.00	Suzuki
4435	1.50	1.50	2.80					74.00	Honda
2C4437	1.20	1.50	2.00					88.00	Rover
2C4439	1.20	1.20	2.00					78.00	Nissan
2C4441	1.60	2.00	4.00					89.99	Jaguar
2C4443	1.75	1.75	4.00					90.30	Triumph
2C4446	1.20	1.50	4.00					83.00	Subaru
2M4447	1.50	1.50	3.00					88.00	General Motors
2C4448	1.75	2.00	4.00					79.00	Renault
2C4449	1.50	1.50	2.80					62.00	Suzuki
4450	1.60	1.75	3.50					93.00	Ford
2C4451	1.20	1.50	3.00					71.00	Ford Mazda
4452	2.00	1.50	4.00					89.00	Nissan
4453 2M4453	1.50	1.50	4.00					91.10	Chrysler Dodge Trucks Hyundai Mitsubishi
4454	2.00	2.00	4.75					110.51	General Motors
2M4455	1.75	2.00	4.00					88.00	American Motors
4456 2M4456	1.50	1.50	4.00					89.00	General Motors Isuzu
4457	2.38	2.38	4.75					66.68	Bendix
4458	1.50	1.50	3.00					96.50	General Motors
4459	1.50	1.50	2.80					76.00	Daihatsu
4460	1.50	2.00	4.00					76.00	Lada
4461	1.50	2.00	4.00					82.00	Lada
4465	2.38	2.38	4.75	2.38	4.75			66.68	Bendix
4466 2C4466	2.00	2.50	5.00					86.50	American Motors Audi Porsche
4467	1.50	1.75	3.00					74.50	Renault
4468	1.50	1.50	3.00					92.00	General Motors
4469	2.38	2.38	4.75	4.75				66.68	Bendix
2C4471	1.60	2.00	4.00					74.00	Ford
4473	2.00	2.00	4.00					76.60	Toyota
2C4475	2.00	2.00	2.80					82.00	Honda
4476	1.50	2.00	4.00					80.50	Nissan
4477	1.75	1.75	3.50					96.00	Volvo

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
4478	1.50	1.50	3.00					94.00	General Motors
4479	1.50	2.00	4.00					76.00	Fiat
4480	1.50	1.50	4.00					91.00	Toyota
4481	2.00	2.00	3.50					70.00	Fiat
4482	2.00	2.50	4.00					79.00	Ford
2C4484	1.75	2.50	4.00					69.50	Audi Volkswagen
4486	1.50	2.00	4.00					72.00	Peugeot
4488 2C4488	1.50	2.00	4.00					88.00	Peugeot Renault Volvo
4490 2C4490 2M4490	1.75	2.00	4.00					79.50	Audi Chrysler Volkswagen
4492	2.00	2.00	4.00					76.50	Mitsubishi
4493 2C4493	1.50	2.00	4.00					76.00	Fiat Lada
2D4498	1.75	2.00	3.00					76.50	Audi Volkswagen
2C4499	1.50	1.50	4.00					82.70	Honda
2C4501	1.20	1.50	2.00					80.00	Bmw
2C4504	1.20	1.20	2.00					77.00	Hyundai Kia
2C4510	1.20	1.50	2.50					83.00	Volvo
2C4511	1.20	1.20	2.00					94.00	Lexus Toyota
2C4512	3.00	3.00	3.00	5.50				97.00	Mercedes-Benz
2D4513	3.00	2.50	3.00					90.50	Rover
4515	1.50	1.50	3.00					96.00	Ford
2C4516	1.20	1.20	2.00					89.00	Nissan
4517	1.50	1.50	3.00					71.08	General Motors
2C4519	1.50	2.00	3.00					86.40	Fiat
2C4521	1.20	1.20	2.50					84.00	Suzuki
2C4522	1.20	1.20	2.50					68.50	Daewoo
4523	1.50	1.50	3.00					86.40	Fiat
2C4526	1.20	1.20	2.00					76.50	Hyundai Kia
2C4528	1.20	1.75	3.00					83.00	Volvo
4532	2.00	1.50	4.00					99.50	Nissan
2D4541	1.50	1.75	3.00					81.00	Audi

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
									Volkswagen
2C4542	1.50	1.50	2.50	4.00				87.00	Mercedes-Benz
4544	1.75	2.50	4.00					81.75	Mercedes-Benz
2C4548	1.20	1.50	2.00					82.00	Ford
2C4549	1.20	1.50	2.50					69.00	Renault
2C4550	1.20	1.20	2.00					96.00	Chrysler Dodge Trucks Hyundai Jeep Kia
2C4551	1.20	1.50	3.00					81.60	General Motors
4555	1.50	1.50	3.00					84.00	Fiat
4557	1.50	1.50	2.00					84.00	Bmw
2C4558	1.20	1.20	2.00					85.00	Mitsubishi
2C4559	1.50	1.50	2.00					80.00	Bmw
2C4561	1.20	1.20	3.00					91.00	Lexus
2C4562	1.20	1.50	2.00					82.50	Volkswagen
2C4563	1.20	1.75	3.00					82.50	Audi
2C4564	1.20	1.50	2.00					88.00	General Motors
2C4565	1.20	1.50	2.50					76.00	Ford
2C4566	1.20	1.20	3.00					94.00	Lexus Toyota
2C4567	1.20	1.50	2.80					88.00	Suzuki
2C4569	1.20	1.50	2.50					77.90	General Motors
2C4571	1.20	1.20	2.00					93.40	Isuzu
2C4573	1.20	1.50	2.00					84.00	Bmw
2C4576	1.20	1.20	2.00					75.50	Hyundai
2C4580	1.20	1.20	2.50					67.00	Hyundai
2D4583	2.00	1.50	3.00					96.00	Toyota
2M4584	1.50	1.75	2.00					81.00	Audi
2C4586	1.20	1.20	2.00					94.00	Lexus Toyota
2C4590	1.00	1.20	2.00					81.00	Audi Volkswagen
2C4596	1.20	1.50	2.00					79.00	Opel
2C4597	1.20	1.20	2.00					69.70	General Motors
2C4598	1.00	1.00	1.50					71.00	Toyota
2M4599	1.20	1.20	2.50					92.20	Ford
4600	1.75	2.00	3.00					81.00	American Motors
2C4600									Renault

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
4601 2M4601	1.50	1.50	3.00					86.00	General Motors Infiniti Isuzu Nissan Opel
2C4602	1.20	1.50	3.00					79.00	General Motors
4603	1.50	1.50	4.00					89.30	Isuzu
4609	1.60	1.60	4.75					87.31	Harley-Davidson
4612	1.50	1.50	4.00					94.00	Toyota
2C4613 2N4613	1.20	1.50	3.00					85.00	Chrysler Jeep Mitsubishi
4614	1.50	1.75	4.00					83.00	Seat
4617	1.50	2.00	3.50					80.00	Bmw
4618	1.50	1.50	4.00					71.00	Mitsubishi
2C4619	1.50	1.50	2.50					78.00	Mitsubishi
2D4620	2.00	2.00	4.00					90.50	Rover
2C4621	1.20	1.50	2.50					79.00	General Motors Opel
2C4623	1.00	1.20	2.00					80.00	Rover
4625	2.00	2.00	4.75					92.00	Jaguar
4626	2.00	1.50	4.00					101.60	General Motors
4627 2M4627	1.60	1.75	3.50					100.40	Ford Mazda
4628	1.50	1.50	3.00					90.20	Ford
4630	2.00	2.00	4.50					82.00	Mazda
2C4631	1.20	1.50	4.00					75.00	Honda
4632	1.50	1.50	4.00					75.00	Toyota
4633	1.50	1.50	3.00					73.00	Toyota
4634	1.75	2.00	3.50					94.00	Volkswagen
4635	1.50	1.50	3.00					84.78	General Motors
4636 2M4636	1.50	1.50	3.00					93.00	Chrysler Dodge Trucks Jeep
4637 2M4637	1.50	1.50	4.00					92.60	Honda Isuzu

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
2C4638 4638	1.50	1.50	4.00					86.50 86.50	Chrysler Dodge Trucks Hyundai Jeep Mitsubishi
2C4639 2N4639	1.20	1.50	2.00					82.50	Audi Volkswagen
2C4640	1.20	1.50	2.80					75.00	Acura General Motors Honda Suzuki
2C4644	1.20	1.20	4.00					84.00	Acura
2C4645	1.20	1.20	4.00					87.00	Acura Honda
2C4646	1.20	1.20	2.80					77.00	General Motors Isuzu
2C4647	1.20	1.20	3.00					80.00	General Motors Isuzu
4648 2M4648 2N4648	1.50	1.50	3.00					96.00	Chrysler Dodge Trucks Jeep
4649	1.50	1.50	4.00					92.00	General Motors
2C4650	1.20	1.50	2.80					89.00	Ford
4651 2C4651 2N4651	1.50	1.50	3.00					83.00	Ford Kia Mazda Peugeot
4652	1.75	2.00	3.50					70.00	Renault
2C4653	1.20	1.50	4.00					86.00	Toyota
2C4654	1.20	1.20	2.80					85.00	Honda Isuzu
2C4658	1.20	1.50	2.80					81.00	Honda
4659	1.50	1.50	2.80					76.00	Nissan
4660	1.50	1.50	2.80					89.00	Nissan
2C4661	2.00	1.50	4.00					85.00	Nissan
4662	1.50	1.50	2.80					78.00	Nissan
4664	1.50	1.75	4.00					85.50	Volkswagen
4665	1.50	1.50	4.00					81.00	Mazda
2C4666	1.00	1.20	2.80					81.00	Acura Honda

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
2C4667	1.20	1.20	2.80					90.00	Acura
2C4668	1.20	1.50	3.00					75.50	Chrysler Hyundai Jeep Mitsubishi
2C4669	1.20	1.50	3.00					82.30	Chrysler Hyundai Jeep Mitsubishi
2C4670	1.20	1.50	3.00					91.10	Chrysler Dodge Trucks Mitsubishi
2C4672	1.75	1.75	3.50					93.00	Chrysler Jeep
4673	1.50	1.50	4.00					69.50	Mitsubishi
2M4676	1.50	1.50	3.00					87.50	Lexus Toyota
2M4678	1.50	1.50	3.00					87.50	Lexus Toyota
2C4679	1.50	1.50	4.00					90.00	Mazda
4681	1.50	1.50	2.80					84.50	Nissan
2C4682	2.00	2.00	4.00					78.00	Nissan
4683 2M4683 2N4683	1.50	3.00						81.00	Audi General Motors Toyota Volkswagen
2C4684	1.20	1.50	2.80					81.00	General Motors Toyota
4686	1.50	1.50	3.00					87.00	Toyota
4687	1.75	1.50	4.00					95.00	Toyota
2C4688	2.00	2.00	4.00					94.00	Toyota
2M4689 2N4689	1.50	1.50	4.00					87.50	Lexus Toyota
2C4690	1.00	1.20	2.80					75.00	Honda
4691	1.50	1.50	3.00					80.00	Ford
2C4692	1.20	1.50	2.80					78.00	Subaru
4693	1.50	1.75	3.00					75.00	Audi
4694	1.50	1.50	4.00					71.80	Mitsubishi
4696	1.50	1.50	2.80					68.00	Nissan
2M4699	1.50	1.50	4.00					113.47	Mercuriser

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
2C4701	1.20	1.50	2.50					89.00	General Motors
2C4703	1.20	1.50	2.50					86.00	Isuzu
4705	2.00	2.00	4.75					89.00	General Motors
2C4707	1.20	1.50	3.00					97.00	Subaru
4709	2.00	2.00	3.00					80.00	Opel
2D4709									Renault
2C4710	2.00	2.00	4.00					96.00	Toyota
4711	2.00	2.00	4.75					93.47	Ford
2C4713	1.50	1.50	4.00					86.00	Lexus Opel Toyota
4714	1.50	1.75	4.00					75.00	Seat
2M4717	1.50	1.50	4.00					96.80	Ford
4718	2.00	2.00	4.75					107.95	General Motors
4719	2.38	2.00	2.00	4.75				100.01	General Motors
4720	2.00	1.50	4.00					101.60	General Motors
4721	2.00	2.00	4.75					101.60	General Motors
4722	1.50	1.50	4.00					91.86	Ford
2M4724	3.00	2.00	4.00					90.90	Mercedes-Benz
4726	1.50	1.50	4.00					101.60	Dodge Trucks
2M4726									Ford
2M4727	2.00	1.50	4.00					113.47	General Motors Mercruiser
2C4728	3.18	2.38	2.38	4.75				111.76	Ford
4731	1.60	1.60	4.00					70.61	Austin Rover
4732	1.60	1.60	1.60	4.00				64.58	Austin Rover
2C4733	1.20	1.50	3.00					81.00	General Motors
2N4733									Toyota
2M4734	1.50	1.50	3.00					87.50	Chrysler
4735	2.00	2.00	4.00					99.31	Chrysler
2C4735									Dodge Trucks
2M4735									Jeep
4736	1.50	2.00	3.50					92.00	Bmw
2C4737	1.50	1.50	3.00					78.00	Kia
2N4737									Mazda
2C4738	1.20	2.80						74.00	General Motors Suzuki
2C4739	1.20	1.20	2.80					83.00	Honda
4740	2.00	2.00	4.00					110.70	Ford
2M4741	3.00	2.00	3.50					104.40	Ford

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
4742	2.00	2.00	4.75					94.89	General Motors
2D4744	3.00	2.00	4.00					103.00	General Motors
4745	1.50	1.50	3.00					82.00	General Motors
4746	1.50	1.50	3.50					93.00	Alfa Romeo
2C4749	1.20	1.50	3.00					83.00	Ford Mazda
4750 2C4750	1.50	1.50	3.00					84.50	Ford Mazda
2C4751	2.00	1.50	3.00					76.00	Isuzu
2C4753	2.00	2.00	3.00					68.00	Briggs & Stratton
4754	1.50	1.50	2.80					86.00	Nissan
2M4755	1.50	1.50	2.50					90.20	Ford
4756	1.50	1.50	3.00					87.00	Kohler
4758	2.00	1.50	3.00					79.00	Isuzu
2C4759	1.20	1.20	3.00					87.50	Chrysler Mitsubishi
4760	2.00	2.00	4.00					99.31	Dodge Trucks
4761	1.50	1.50	3.00					87.00	General Motors
2C4762	1.50	1.75	3.00					84.00	Bmw
2C4763	1.50	1.75	3.00					84.00	Bmw
2M4764	1.20	1.50	3.00					96.50	General Motors
2M4765	1.50	1.50	3.00					77.00	Kohler
4766	1.75	2.00	3.00					82.00	Renault
2C4767	1.20	1.20	2.80					87.00	Honda
2C4768	1.20	1.50	3.00					85.00	Hyundai Jeep Mitsubishi
2C4769	1.20	1.20	2.80					81.00	Jeep Mitsubishi
2C4770	1.20	1.50	3.00					81.50	Hyundai
2C4771	1.20	1.50	3.00					83.00	Mazda
4772	1.50	1.50	3.00					75.00	Mazda
2C4773	1.20	1.50	3.00					81.00	Toyota
2C4774	1.20	1.20	3.00					74.00	Toyota
2C4776 4776	1.75	2.00	4.00					100.00 100.00	Lexus Toyota
4777	1.50	1.50	3.00					96.90	Subaru
2C4778	1.20	1.50	2.80					78.00	Subaru
2C4779	1.20	1.20	2.80					85.00	Acura

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
2C4780	1.20	1.50	2.80					86.50	Chrysler Dodge Trucks Hyundai Kia Mitsubishi
2C4781 2M4781	1.20	1.20	2.50					93.00	Acura General Motors Nissan
4782	1.50	1.50	3.00					75.50	Hyundai
2C4783	1.20	1.50	3.00					86.50	Chrysler Dodge Trucks Mitsubishi
2M4785	1.50	1.50	4.00					101.60	Dodge Trucks
2M4787	1.60	2.00	4.00					81.28	Ford
4788	1.50	2.00	4.00					84.00	Toyota
2M4789	1.50	1.50	3.50					97.00	Porsche
4790 2M4790	1.50	1.50	3.00					93.00	Chrysler Dodge Trucks General Motors Jeep
2M4791	1.50	1.50	4.00					93.40	Honda Isuzu
2C4794	1.20	1.50	3.00					82.40	Ford
4798	1.60	1.60	4.00					65.09	Briggs & Stratton
4800	1.50	1.75	3.00					86.40	Fiat
4801	1.50	1.50	3.00					82.00	General Motors
4802	1.50	1.75	4.00					82.00	General Motors
4803	1.50	1.50	3.00					77.00	Volkswagen
4804	1.50	2.00	4.00					86.40	Fiat
2M4805	1.50	1.50	2.50					95.25	Harley-Davidson
2C4807	1.50	1.50	2.80					62.00	Suzuki
2C4808	1.20	1.50	2.00					67.10	Volkswagen
4812	1.50	1.50	3.00					77.60	Opel
2C4813	1.20	1.20	2.50					72.00	Briggs & Stratton
4814	1.50	1.50	3.00					90.20	Ford
4815	1.50	1.50	4.00					98.43	Jeep
2M4816	1.50	1.50	3.00					101.60	Chrysler
2C4817	1.20	1.50	3.00					87.90	Subaru
2C4818	1.75	2.00	3.50					96.50	Mercedes-Benz
4819	1.50	1.50	3.00					76.50	Daewoo

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
2M4820	1.75	2.00	3.50					89.00	Mercedes-Benz
2C4821	2.00	2.00	3.00					82.49	Opel
2C4826	2.00	2.00	4.00					82.00	General Motors
2C4828	2.00	2.50	5.00					79.50	Volkswagen
2C4830	1.50	2.00	4.00					76.00	Fiat
4831	1.50	2.00	4.00					76.00	Fiat
4832	1.75	2.00	3.00					76.50	Volkswagen
4833	1.75	2.00	4.00					79.50	Volkswagen
2C4834	1.50	1.50	3.00					84.78	General Motors
2C4835	1.20	1.20	2.00					86.00	Chrysler Jeep Mitsubishi
2C4840	2.38	2.38	4.75					98.43	General Motors
4841	2.00	2.00	5.00					85.50	Volkswagen
4843	1.75	2.00	4.00					77.00	Ford
2C4844	1.75	2.00	4.00					75.30	Ford
2D4845	3.00	2.00	3.00					103.00	General Motors
4848	1.50	1.75	4.00					84.78	General Motors
2C4850	1.20	1.20	2.00					81.00	Honda
4851	2.00	2.00	4.00					77.00	Volkswagen
4856	1.50	1.75	3.00					68.68	Ford
2C4856									
4858	1.50	1.75	3.00					73.94	Ford
2C4858									
4859	1.50	1.75	3.00					75.80	Renault
4860	1.50	1.50	3.00					101.60	General Motors
4862	1.50	1.50	3.00					101.60	General Motors
4863	1.50	1.50	3.00					75.50	Skoda
2C4864	2.00	2.00	3.00					78.00	Renault
4865	2.00	2.00	3.00					83.00	Citroen
2D4865									Peugeot
2M4866	1.20	1.50	2.00					96.50	General Motors
2C4867	1.50	1.50	4.00					81.00	Mazda
2C4868	1.20	1.50	2.80					75.00	Tata
2M4873	3.16	2.52	3.50					104.40	Ford
2C4874	1.20	1.20	2.00					73.80	General Motors
2C4875	1.20	1.50	3.00					76.00	Daihatsu
4876	1.60	1.75	3.00					86.00	Ford
4879	2.00	2.00	4.00					101.60	Ford
2M4880	1.50	1.50	4.00					87.50	Chrysler

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
2C4881	1.20	1.50	2.80					92.00	Ford
2D4882	3.00	2.00	3.50					104.40	Ford
4883 2M4883	1.50	1.50	3.00					93.00	Hyundai Kia Mitsubishi
2C4884	1.20	1.50	2.80					75.50	Mitsubishi
4885	1.50	1.50	3.00					96.80	Ford
2C4886	1.20	1.50	3.00					82.40	Ford
4887 2M4887	1.50	1.75	3.00					84.86	Ford
2C4888	1.20	1.50	3.00					89.00	Ford General Motors
4889	1.50	1.50	3.00					84.86	Ford
2C4890 2M4890	1.20	1.50	3.00					96.00	Chrysler Dodge Trucks Jeep
2C4891	1.20	1.50	3.00					82.00	General Motors
2M4892	1.50	1.50	2.80					93.00	Infiniti
2C4893	1.20	1.50	4.00					92.00	General Motors
2C4894	1.20	1.50	3.00					93.00	General Motors
2C4895	1.20	1.50	3.00					87.00	General Motors
2M4896	1.50	1.50	3.00					86.00	General Motors
2M4897	1.50	1.50	3.00					99.00	General Motors
2C4898	1.20	1.50	3.00					90.00	General Motors
2C4899	1.50	1.50	2.80					91.50	Nissan
4900	1.60	2.00	4.00					86.20	Ford
2C4901	1.20	1.20	2.50					75.00	General Motors Suzuki
2C4902 2N4902	1.20	1.20	3.00					87.50	Lexus Toyota
2C4903	1.20	1.50	3.00					92.00	Chrysler General Motors
2M4907	1.50	1.50	3.00					102.99	Chrysler Dodge Trucks Jeep
2C4908	1.50	1.50	4.00					95.00	Toyota
2C4909	1.20	1.50	2.00					82.70	Renault
4911	1.50	1.50	4.00					93.50	Toyota
4912 2C4912	1.50	1.50	3.00					96.00	Ford Mazda

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
2D4914	3.00	2.35	4.00					102.00	Cummins Dodge Trucks
2M4915	1.60	1.60	4.00					80.96	Harley-Davidson
2M4916	1.60	1.60	4.00					87.31	Harley-Davidson
2M4917	1.60	1.60	4.00					88.85	Harley-Davidson
4918	1.50	1.50	3.00					80.30	Mazda
2C4919	1.00	1.20	2.50					75.30	Mazda
4921	1.50	1.75	3.00					81.00	Volkswagen
4922	1.75	2.00	3.00					81.00	Volkswagen
4923	1.50	1.75	2.00					81.00	Audi
2M4923									Volkswagen
2C4924	1.20	1.50	2.00					82.50	Audi
4925	1.50	1.50	4.00					98.43	Dodge Trucks
2M4925									Jeep
2C4926	1.50	1.50	4.00					82.00	Isuzu
2C4927	1.50	1.75	3.00					82.50	Audi Volkswagen
2C4928	1.20	1.50	3.00					83.50	Chrysler
4929	2.00	2.00	2.00	4.75				107.95	General Motors
4930	1.50	1.50	3.00					94.00	Rover
2C4931	1.20	1.50	3.00					92.25	Ford
4932	1.50	1.50	3.00					76.00	Fiat
2C4933	1.20	1.50	2.80					85.00	Jeep
2N4933									Mitsubishi
2M4934	3.00	2.00	4.00					90.90	Mercedes-Benz
4935	1.50	1.50	3.00					76.00	Nissan
2C4936	3.00	2.35	4.00					102.00	Cummins
4937	1.50	1.50	3.00					92.25	Ford
4938	2.00	2.00	4.00					96.00	Nissan
2D4939	2.50	2.00	4.00					96.00	Nissan
2M4940	1.50	1.20	2.80					90.00	Acura
2M4941	1.50	1.50	2.50					98.43	Harley-Davidson
2M4942	1.50	1.50	3.00					95.25	Harley-Davidson
2C4943	1.20	1.20	2.50					82.00	Hyundai
2C4944	1.20	1.20	2.50					74.00	General Motors Suzuki
2M4945	1.50	1.50	3.00					93.40	Honda Isuzu
2M4946	1.50	1.50	3.00					86.00	Chrysler

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
2C4947	1.20	1.20	3.00					79.00	General Motors Toyota
2C4948	1.20	1.50	3.00					87.50	Chrysler Dodge Trucks
2M4950	1.60	1.60	4.00					96.84	Harley-Davidson
4951	1.50	1.50	4.00					83.00	Nissan
2M4953	1.60	1.60	4.75					96.84	Harley-Davidson
2D4954	2.00	2.00	3.00					84.50	Nissan
2M4955	1.50	1.50	3.50					84.00	Alfa Romeo
2C4957	1.20	1.50	2.80					99.50	Subaru
2C4958	1.50	2.80						76.00	Nissan
2C4959 2N4959	1.20	1.50	2.50					84.00	General Motors Suzuki
2C4962	1.20	1.50	3.00					75.00	Honda Rover
2C4963	1.20	1.50	2.50					89.50	General Motors
4964	3.00	3.00	3.00	4.00				80.00	Bendix
2C4965	4.75	4.75	4.75	4.75	7.94			119.06	John Deere
4967	2.38	2.38	4.75	2.38	4.75			70.61	Bendix
2C4969	1.20	1.20	2.80					86.00	Acura Honda
2C4971	1.20	1.20	2.80					86.00	Acura Honda
2C4972	1.20	1.20	2.80					89.00	Acura General Motors Honda
2C4973	1.20	1.20	2.80					84.00	Honda
2C4974	1.00	1.20	2.80					75.00	Honda
2D4975	3.00	2.00	4.00					101.05	General Motors
2M4976	1.50	1.75	3.00					88.50	Mercedes-Benz
4977 2C4977	1.50	1.50	2.00					77.00	Ford Volkswagen
2M4978	1.50	1.50	3.00					96.00	General Motors
2C4979	1.20	1.50	3.00					89.00	General Motors
2C4980	1.20	1.20	2.50					84.00	Hyundai
2D4981	2.00	1.75	3.00					77.00	Citroen Peugeot
2C4984	1.20	1.50	2.50					82.00	General Motors
2M4985	1.60	1.60	4.75					98.43	Harley-Davidson
2M4987	1.50	1.75	3.00					84.86	Ford

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
4988 2C4988	1.50	1.75	3.00					74.00	Mazda Renault
2D4989	2.00	2.00	3.00					86.00	Mazda
4990 2C4990	1.50	1.75	3.00					82.70	Renault Volvo
2C4991	1.20	1.75	3.00					84.86	Ford
2C4992	1.20	1.50	2.50					84.86	Ford
2C4993	1.20	1.75	3.00					81.00	Volvo
2C4994	1.20	1.50	2.50					78.00	Suzuki
2C4995	1.50	1.50	2.50					69.00	Renault
2C4996	1.20	1.50	3.00					86.00	General Motors
2C4997	1.75	2.00	3.00					93.00	Saab
2C4998	1.20	1.50	3.00					94.00	Rover
4999 2C5005	1.50	1.50	4.00					95.00	Toyota
2C5006	1.20	1.20	3.00					86.00	Toyota
2C5006	1.20	1.20	3.00					87.00	Toyota
5013 2C5013	1.50	1.50	3.00					70.00	Fiat Peugeot
2M5014	1.50	1.50	3.00					93.00	Chrysler Dodge Trucks
2M5015	1.50	1.50	3.00					70.50	Toyota
2C5016	2.00	2.00	3.00					83.00	Toyota
2M5017	1.50	1.50	4.00					94.00	Lexus Toyota
2C5018	1.20	1.50	3.00					90.20	Ford
5019	1.60	2.00	4.00					77.24	Ford
2D5020	1.50	1.50	2.00					81.00	Audi Volkswagen
5021 2C5021	1.50	1.50	2.50					75.00	Peugeot Volkswagen
2C5022	1.50	1.50	2.50					76.50	Volkswagen
2C5024	1.20	1.50	2.50					93.00	General Motors
2C5025	1.20	1.20	3.00					74.00	John Deere
2M5026	1.50	1.75	3.50					78.00	Alfa Romeo
2C5027	1.20	1.50	3.00					92.00	Subaru
5030	2.00	2.00	4.00					75.00	Bendix
5032	1.50	1.50	3.00					80.00	Bendix Kohler

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
2C5039	1.20	1.50	2.80					68.50	Daewoo Suzuki
2D5040	2.00	2.00	3.00					94.50	Kia
2D5042	2.00	2.00	2.80					91.10	Hyundai
2D5043	2.50	2.50	3.00					86.00	Renault
5044	2.38	2.38	3.18					69.72	Harley-Davidson
5046	1.75	1.75	4.00					83.00	Peugeot
2C5047	2.38	3.18	3.18	4.75				90.49	General Motors International
5049	2.38	2.00	4.75					100.01	General Motors
2C5051	1.20	1.20	2.50					70.00	Fiat
2C5052	1.20	1.20	2.50					70.80	Fiat
2C5054	2.00	1.50	4.00					99.50	Toyota
2C5056	2.50	2.00	4.00					95.00	Mitsubishi
2D5058	2.00	2.00	4.00					85.00	Nissan
2C5059	1.20	1.50	3.00					68.00	Kia
5060 2C5060	3.18	3.18	4.75					82.55	Allis Chalmers John Deere Massey-Ferguson Waukesha
5063 2C5063	3.18	3.18	3.18	4.75				87.31	Allis Chalmers
5065	1.50	1.75	3.00					86.00	Peugeot
5068	1.75	2.00	3.00					75.00	Peugeot
2M5069	1.20	1.50	2.50					88.84	Harley-Davidson
2M5070	1.50	1.75	3.00					89.90	Mercedes-Benz
2C5071	1.75	2.00	3.50					95.50	Mercedes-Benz
2C5074	1.50	1.75	3.00					82.90	Mercedes-Benz
5075	2.00	2.00	4.75					80.96	Ford
5076	1.50	1.50	3.00					75.00	Opel
2C5077	1.20	1.50	2.50					89.00	Ford Mazda
2M5080	1.50	1.50	2.50					101.60	Harley-Davidson
2C5083	1.50	1.50	2.80					68.50	Suzuki
5084	2.00	2.00	5.00					92.00	Opel
5085	2.00	2.00	4.00					107.95	General Motors
2C5086	1.75	2.00	3.00					75.00	Audi Volkswagen

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
2C5087	1.20	1.20	3.00					82.00	General Motors Toyota
2C5089	1.20	1.20	2.00					86.00	Acura Honda Toyota
2C5090	1.20	1.20	2.00					88.50	Toyota
2C5091	1.20	1.20	2.00					75.00	Toyota
2M5094	1.50	1.50	3.00					86.00	Chrysler
2C5095	1.20	1.50	2.00					81.00	Volkswagen
5097 2M5097	1.50	1.50	3.00					99.50	Chrysler Dodge Trucks Jeep
2C5099	1.20	1.20	2.50					89.00	Nissan Suzuki
2C5102	3.18	3.18	3.18	4.75	4.75			87.31	Allis Chalmers
2C5104	1.20	1.50	2.80					81.50	Hyundai
5107	1.50	1.50	3.00					89.00	Ford
2C5109	1.20	1.50	2.50					84.00	Suzuki
2C5111	1.00	1.20	2.00					75.00	Honda
2C5112	1.20	1.20	2.50					95.50	Infiniti Nissan
2C5114	1.20	1.50	2.50					92.25	Ford
2C5115	1.20	1.50	3.00					78.00	Mazda
2C5117	3.18	3.18	3.18	4.75				88.90	Allis Chalmers Case
5119	1.60	1.60	3.18					76.02	Triumph
2M5120	1.50	1.50	3.00					91.00	Jaguar
2C5125	1.20	1.50	2.50					87.50	Chrysler
2M5129	1.20	1.20	2.00					104.80	General Motors
2C5130 2N5130	1.20	1.50	2.50					86.00	General Motors Saab Suzuki
2C5131	1.20	1.50	2.50					87.50	General Motors
2C5133	1.20	1.50	2.50					94.00	General Motors
2C5134	1.20	1.20	2.50					92.00	Subaru
2C5135	1.20	1.50	2.50					79.50	Nissan
2C5136	1.20	1.20	2.50					66.00	Hyundai
2C5137	1.20	1.50	2.50					93.00	General Motors
2C5139	1.20	1.50	2.50					93.00	General Motors
2C5140	1.20	1.20	2.50					99.50	Subaru

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
2M5141	1.20	1.20	2.00					99.50	Chrysler Dodge Trucks
2C5142	1.20	1.50	2.50					86.00	Ford
2C5143	1.20	1.20	2.50					80.00	Nissan
2C5144	1.20	1.50	2.00					82.04	Ford
2M5145	1.50	2.00	3.50					89.00	Bmw
2C5146	1.20	1.00	2.00					87.60	Mitsubishi
2C5147	1.20	1.20	2.00					87.00	Honda
2C5148	1.20	1.20	2.00					87.00	Mitsubishi
2C5150	1.20	1.50	3.00					84.86	Ford
2C5151	1.20	1.20	2.00					94.00	Toyota
2M5153	1.50	1.50	2.50					103.12	Harley-Davidson
2C5154	1.20	1.20	2.50					76.50	Hyundai Kia
2C5156	2.38	3.18	3.18	6.35				101.60	Chrysler Dodge Trucks
2M5157	1.50	1.50	3.00					104.78	Harley-Davidson
2N5158	1.20	1.20	2.50						Ford
2C5158								87.50	Mazda
2C5159	1.20	1.20	2.50					77.00	Bmw
2C5160	1.20	1.50	3.00					81.60	Ford Mazda
5161	1.75	1.50	3.50					95.00	Opel
2C5162	1.20	1.20	2.50					89.00	Ford
2C5163	2.00	2.00	3.00					87.00	Mercedes-Benz
2M5165	1.20	1.50	2.50					93.00	Chrysler Dodge Trucks Jeep
2C5167	1.20	1.20	2.50					96.90	Subaru
2M5168	1.50	1.50	2.00					87.50	Mazda
2C5169	1.20	1.20	2.00					95.00	Mitsubishi
2M5170	1.20	1.50	2.50					101.60	General Motors
5172	2.38	2.38	3.18	4.75				76.20	Onan
2C5173	1.20	1.20	2.50					81.50	Mitsubishi
2C5177	1.20	1.50	2.50					76.50	Daewoo Hyundai Volkswagen
2C5179	1.20	1.20	2.50					87.00	Acura

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
2C5182	1.20	1.20	2.50					76.00	Mitsubishi
2C5183	1.20	1.20	3.00					92.00	Lexus Toyota
2C5184	1.20	1.20	2.50					75.50	Kia
2C5185	1.20	1.20	2.00					80.50	General Motors Opel
2C5186	1.20	1.20	2.50					93.00	Infiniti
2C5187	1.20	1.50	3.00					100.40	Ford
5188 2M5188	1.50	1.50	2.50					98.00	Infiniti Nissan
2C5189	1.20	1.20	2.50					72.00	Daihatsu General Motors
5193	2.38	2.38	4.75					87.31	Harley-Davidson
5194	1.50	1.60	2.50					80.60	Ford
2C5196	1.20	1.20	2.50					77.40	Hyundai
5200	1.50	1.50	3.00					81.60	Opel
5201	1.50	1.50	4.00					81.50	Nissan
2C5203	1.20	1.50	2.00					85.00	Bmw
2C5205	1.20	1.50	2.00					68.68	Ford
2M5206	1.50	1.50	3.00					107.95	Harley-Davidson
2C5207	1.00	1.00	1.50					67.10	Volkswagen
2C5209	2.38	2.38	2.38	4.75				101.60	General Motors
2C5211	1.20	1.50	2.00					92.00	Bmw
2C5215	1.20	1.50	2.50					95.50	General Motors
2C5218	1.20	1.50	2.00					77.60	Opel
2C5219	1.20	1.20	2.00					99.50	Subaru
2C5221	1.20	1.50	2.50					80.00	Kia
2C5223	1.20	1.20	2.00					84.00	Nissan
2C5225	1.00	1.20	1.50					89.00	General Motors
2M5227	1.20	1.50	2.50					93.00	General Motors
2C5228	1.20	1.50	2.50					88.00	General Motors
2C5236	1.20	1.50	2.50					95.50	General Motors
2C5239	1.20	1.50	2.00					86.00	Bmw
2C5245	1.50	1.50	3.00					81.60	General Motors
5247	1.50	1.75	3.00					80.50	Fiat
5248	1.50	1.60	2.50					76.00	Ford
2C5250	1.20	1.20	2.80					67.00	Hyundai
2C5251	1.50	1.50	3.00					72.00	Opel
2C5252	1.20	1.20	2.00					72.50	General Motors
5254	1.50	2.00	4.00					80.50	Fiat

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
2C5255	2.38	2.38	2.38	4.75				94.46	General Motors
2C5257	2.38	2.38	2.38	4.75				90.49	General Motors
2C5259	1.20	1.50	2.00					73.94	Ford
2C5260	1.20	1.20	2.00					92.00	Hyundai Kia
2C5261	1.20	1.20	2.00					95.00	Toyota
5264	1.50	1.50	3.00					71.50	Hyundai
2C5265	1.20	1.20	2.50					86.70	Hyundai Kia
2C5266	1.20	1.20	2.00					72.00	Daihatsu Fiat Toyota
2C5267	1.00	1.00	2.00					88.50	Lexus Toyota
2C5269	1.50	1.50	3.00					81.60	Opel
2C5270	1.20	1.50	2.50					99.00	General Motors
2C5273	1.20	1.20	2.50					68.50	Daewoo
2M5275	1.50	1.20	2.00					103.25	General Motors
2C5276	1.20	1.50	2.00					71.08	General Motors
5277	1.75	2.00	5.00					85.50	Volkswagen
2C5278	1.20	1.20	2.50					90.00	Suzuki
2C5280	2.38	3.18	4.75					90.49	International
5281	1.75	1.50	4.00					86.00	Toyota
2C5283	1.50	1.50	3.00					88.80	Opel
5289	1.50	1.50	3.00					78.00	Mazda
2M5292	1.50	1.50	2.50					103.25	General Motors
2C5293	1.20	1.20	2.00					95.50	Infiniti Nissan
2C5294	1.20	1.50	2.50					76.50	Volkswagen
2C5296	1.50	1.50	2.00					92.00	Bmw Rover
2C5297	1.20	1.20	2.00					88.00	Chrysler Hyundai Jeep Kia Mitsubishi
2C5298	1.20	1.20	2.00					67.00	Hyundai
2M5299	1.20	1.20	2.50					101.60	Harley-Davidson
5300	1.50	1.50	4.00					80.50	Toyota
2C5301	1.20	1.50	3.00					79.00	General Motors

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
2M5304	1.50	1.75	2.50					92.90	Mercedes-Benz
2C5311	2.38	2.38	4.75					95.25	Kohler
2C5316	1.20	1.20	2.50					83.00	Ford
2C5319	3.18	2.38	4.75					98.43	International
5325	3.00	2.00	4.00					91.00	Mercedes-Benz
2C5360	2.38	2.38	4.75					90.49	Onan
5364 2C5364	2.00	2.00	4.00					92.00	Subaru Volkswagen
5373	1.75	2.50	4.00					93.75	Mercedes-Benz
2D5374	2.30	2.00	3.50					95.00	Ford
5376	2.50	2.50	3.00					83.00	Kohler
2M5378	1.50	1.50	3.00					103.00	Chrysler Dodge Trucks
2M5379	1.20	1.20	2.00					104.00	Chrysler Dodge Trucks
2M5380	1.20	1.50	2.50					96.00	General Motors
2C5382	1.00	1.20	1.50					82.50	Audi Volkswagen
2C5384	1.20	1.20	2.00					86.70	Hyundai Kia
2C5385 2N5385	1.20	1.20	2.00					82.50	Audi Seat Skoda Volkswagen
2C5389	1.20	1.20	2.00					71.50	Hyundai Kia
2C5391 2N5391	1.20	1.50	2.00					76.50	Audi Seat Skoda Volkswagen
2C5392	1.00	1.00	2.00					72.50	Toyota
2C5393	1.20	1.20	2.00					78.00	Nissan
2C5395	1.20	1.00	2.00					80.50	Toyota
2C5438 2N5438	1.20	1.20	2.00					76.50	Audi Seat Skoda Volkswagen
5462	2.00	2.50	4.00					94.00	Toyota
5474	2.00	2.00	4.75					96.52	General Motors
5477	2.00	2.00	4.75					93.24	General Motors

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
2C5480	3.00	3.00	3.00	5.50	5.50			97.00	Mercedes-Benz
5485	2.38	2.00	4.75					102.87	Ford
5486	2.00	2.00	2.00	4.50				90.00	Peugeot
5490	1.75	2.50	4.00					92.00	Mercedes-Benz
5497	1.75	2.00	4.00					87.00	Saab
5499	2.00	2.00	4.75					94.89	Checker
2C5499									General Motors
2M5501	1.60	1.60	3.18					104.78	General Motors
2M5504	2.00	2.00	4.75					101.60	Chrysler Ford
2M5505	1.60	1.60	4.75					101.60	General Motors
2M5508	2.00	2.00	4.75					101.60	Chrysler Ford
2M5510	1.60	1.60	4.75					104.78	General Motors
2M5511	2.00	2.00	4.75					103.19	Chrysler Ford General Motors
2M5512	2.00	2.00	4.75					103.98	General Motors
2M5513	2.00	2.00	4.75					104.78	Chrysler
2M5514	2.00	2.00	4.75					107.95	Chrysler General Motors
2M5515	1.10	1.60	4.75					107.95	Chrysler General Motors
2M5518	2.00	2.00	4.75					107.95	Chrysler General Motors
2M5519	1.60	1.60	4.75					107.95	Chrysler General Motors
2M5520	1.50	1.50	3.00					109.73	Chrysler
2M5521	1.60	1.60	3.18					101.60	Chrysler
CM5521								101.60	Ford
2M5523	1.60	1.60	4.75					101.60	General Motors
2M5525	1.60	1.60	4.75					102.87	Ford
2M5526	1.60	1.60	4.75					107.52	Ford
2M5527	1.60	1.60	4.75					96.01	Ford
2M5528	1.60	1.60	4.75					109.73	Chrysler
2M5529	1.60	1.60	4.75					104.78	General Motors
C5530	1.50	1.50	4.00					101.60	Ford
C5531	2.00	2.00	4.75					101.60	Chrysler
C5532	1.60	1.60	4.75					101.60	Chrysler
CM5533	2.00	2.00	4.75					104.78	Chrysler

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
C5534	1.60	1.60	4.75					104.78	Chrysler
2M5535	1.50	1.50	4.00					101.60	Ford
2M5536	1.60	1.60	4.75					110.74	Ford
2M5537	1.60	1.60	4.75					113.44	General Motors
2M5538	1.60	1.60	2.80					101.60	Ford
2M5539	1.60	1.60	3.00					104.78	General Motors
C5540	1.50	1.50	3.00					101.60	Chrysler
2M5540								101.60	Ford
CM5541	1.60	1.60	4.75					107.95	General Motors
2M5542	1.60	1.60	4.75					105.79	American Motors
2M5543	1.60	1.60	4.75					105.44	General Motors
2M5545	1.60	2.00	4.00					80.96	Ford
SC5556	1.20	1.20	3.00					87.50	Chrysler
2C5557	3.50	3.00	3.00	5.50				122.00	Fiat
SC5558	1.20	1.50	2.80					75.00	Honda
2C5559	3.18	3.18	3.18	4.75				98.43	International
5560	2.00	2.00	4.75					99.31	Chrysler
2M5560									Dodge Trucks
5562	1.75	2.00	4.00					90.00	Saab
2C5564	3.00	2.00	4.00					91.00	Mercedes-Benz
5568	2.00	2.00	4.75					103.68	General Motors
5570	2.00	2.00	4.75					101.60	American Motors
2C5570									General Motors
2M5570									Jeep Mercuriser
SC5572	1.00	1.20	2.80					81.00	Honda
5573	1.50	1.50	3.00					83.00	Mazda
2M5575	1.60	1.60	4.75					99.31	Chrysler
2M5581	1.50	1.50	3.00					104.78	General Motors
5586	2.00	2.00	4.75					95.50	Chrysler

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
SM5587	1.10	1.10	3.00					101.60	Chrysler Ford
2M5589	1.60	1.60	4.75					114.30	General Motors
2M5590	1.60	1.60	4.75					104.65	General Motors
2C5591	2.00	2.00	4.00					86.50	Opel
SM5593	1.10	1.10	3.00					104.78	Chrysler General Motors
5594	1.75	2.00	4.00					94.00	Volkswagen
5595 2C5595 2M5595	2.00	2.00	4.00					91.10	Chrysler Dodge Trucks Mitsubishi
2M5596	1.60	1.60	4.75					114.30	General Motors
SM5597	1.10	1.10	3.00					107.95	Chrysler General Motors
2C5603	3.50	3.00	5.50					115.00	Mercedes-Benz
2M5612	2.00	2.00	4.75					96.52	General Motors
2M5613	2.00	2.00	4.75					96.00	Ford
5614	2.00	2.00	4.75					96.52	General Motors
5615	2.00	2.00	4.75					101.60	General Motors
5616	2.00	2.00	4.75					95.25	General Motors
5617 2C5617	2.00	2.00	4.75					94.89	Checker General Motors
5618	2.00	2.00	4.75					93.47	Ford
5619	2.00	2.00	4.75					100.71	General Motors
5621	2.38	2.00	4.75					110.74	Ford
5623	2.00	2.50	4.00					88.50	Toyota
2D5627	2.50	2.00	3.00					87.00	Mercedes-Benz
5630 2C5630 2M5630	2.00	2.00	4.75					101.60	American Motors General Motors Jeep
5632 2M5632	1.50	2.00	4.75					89.00	General Motors Jeep
2C5633	2.00	2.00	4.00					94.00	Peugeot
2C5637	1.20	1.50	2.50					71.90	Ford Mazda
2D5643	2.50	2.00	4.00					90.00	Toyota
5645 2C5645	2.00	2.50	4.00					92.00	Nissan Toyota
2C5647	2.00	2.00	2.00	4.75				99.06	Ford
5649	2.00	2.00	4.00					96.80	Ford

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
5650	1.50	2.00	4.75					89.00	General Motors
5652	1.50	1.50	4.00					87.50	Chrysler
2C5652									Dodge Trucks
5653	1.60	2.00	4.00					79.94	Ford
5654	2.00	2.00	4.00					88.00	General Motors
2D5655	3.00	2.00	4.00					101.05	General Motors
2C5657	1.20	1.50	4.00					92.00	Subaru
5663	1.60	2.00	4.75					101.60	American Motors
2C5663									General Motors
2M5663									Jeep
5664	1.50	1.50	4.00					86.00	Ford
2C5664									Kia
2M5664									Mazda
2D5666	2.50	2.00	4.00					91.10	Dodge Trucks
									Mitsubishi
5667	1.50	1.50	4.00					91.10	Chrysler
2C5667									Dodge Trucks
									Mazda
									Mitsubishi
5671	2.38	2.38	4.75					60.33	Allis Chalmers
2C5671									Continental
									Massey-Ferguson
2N5672	1.00	1.20	2.00					74.50	Volkswagen
5673	1.50	1.50	4.00					89.00	Nissan
2D5674	2.50	2.00	4.50					89.00	Nissan
2C5675	1.20	1.50	2.00					72.50	Opel
2N5675									Vauxhall
2C5681	1.00	1.00	1.50					72.00	Fiat
5688	2.00	2.00	4.75					93.47	Ford
2C5689	2.00	2.38	4.75					101.60	Ford
5690	2.00	2.00	4.75					89.32	Ford
5691	1.50	2.00	4.00					91.00	Volvo
5692	1.75	2.00	4.00					92.00	Volvo
2D5693	2.00	2.00	2.80					101.60	Ford
									International
5695	1.75	2.00	4.00					96.00	Volvo
2D5697	2.00	2.00	2.80					101.60	Ford
									International
5712	2.00	2.00	4.75					101.60	General Motors

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
5716 2C5716 2M5716	1.50	1.50	4.00					75.50	Chrysler Hyundai Jeep Mitsubishi
2M5721	1.60	1.60	4.75					92.08	Harley-Davidson
2M5722	2.00	2.00	4.75					92.08	Harley-Davidson
5738	2.50	2.50	4.75					85.70	Nissan
2D5741	2.50	2.00	3.00					98.20	Ford
5755	3.00	3.00	5.00					80.00	Porsche
2C5760	1.75	2.00	3.50					92.00	Mercedes-Benz
5761 2M5761	1.50	1.50	4.00					96.00	Ford Mazda
5762 2M5762	1.50	1.50	4.00					89.00	Ford Mazda
5782	2.00	2.00	4.00					83.00	Jaguar
5806	3.00	3.00	4.75					80.00	Opel
2C5825	1.20	1.20	2.00					82.00	Hyundai Kia
2C5828	1.20	1.20	2.00					79.00	Opel
5838	3.18	3.18	4.75					92.08	Cummins
2D5853	3.00	2.00	2.50					99.00	Ford
2D5854	1.75	2.00	3.00					79.50	Audi Seat Skoda Volkswagen
2C5855	1.20	1.50	2.00					79.00	Ford
2D5856	1.50	1.50	3.00					73.00	Bmw Toyota
2D5858	2.00	2.00	3.00					82.20	Citroen Fiat
2C5858								82.20	Peugeot
2M5860	2.00	2.00	3.00					80.00	Opel Renault Vauxhall
2C5863	1.20	1.20	2.50					89.20	Subaru
2C5868	2.50	2.50	4.00					77.00	Volkswagen
2M5872	2.87	2.50	3.46					107.00	Cummins Dodge Trucks
2C5877	1.20	1.20	2.00					92.00	Subaru

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
2C5881	1.50	1.50	4.00					83.00	Citroen Peugeot
5897	1.60	1.60	1.60	4.00				73.03	M.G.
5909	2.00	2.00	4.75					82.55	Ford
2C5909									
5914	2.00	2.00	4.75					82.55	Ford
5925	2.00	3.00	5.00					84.00	Ford
5928	1.75	1.75	4.75					90.50	Rover
5960	2.25	2.25	2.25	4.75	4.75			85.73	Rover
2D5966	2.38	3.18	3.18	4.75	4.75			95.25	Volvo
5981	2.00	2.00	4.00					80.96	Ford
2C5981									
5988	2.00	2.00	4.00					74.00	Alfa Romeo
5993	2.50	2.50	5.00					85.00	Opel
5994	2.50	2.50	5.00					85.00	Opel
6008	2.38	2.38	4.75					69.85	Bendix Onan
6009	2.38	2.38	2.38	4.75	4.75			69.85	Bendix
2C6016	3.18	3.18	3.18	4.75				104.78	Cummins
2C6094	2.38	2.38	4.75					104.78	Chrysler
2M6094									Dodge Trucks International
6113	2.00	2.50	5.00					80.00	Audi
6117	1.75	2.00	5.00					79.50	Volkswagen
6118	1.75	2.50	5.00					79.50	Audi
2C6118									Volkswagen
6119	2.00	2.00	4.00					93.00	Porsche
2C6119									Volkswagen
6121	2.00	2.00	2.80					88.00	Honda
6127	1.60	1.60	4.75					88.85	Harley-Davidson
6128	4.75	4.75	4.75					69.85	Midland- Compressors
6134	1.50	1.50	4.00					77.00	Honda
2C6134									Mazda
6137	2.00	3.00	5.00					84.00	Ford
6138	2.00	2.00	4.75					110.74	Mercuriser
6139	1.50	2.00	4.00					86.40	Fiat
6140	1.50	1.50	2.80					77.50	Toyota
2C6141	1.20	1.50	4.00					80.00	Ford Mazda
6142	1.50	2.00	4.00					86.00	Nissan

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
6143	1.50	2.00	4.00					79.00	Lada
2C6145	1.75	2.00	4.00					79.50	Audi Volkswagen
2C6146	1.20	2.00	4.00					76.00	Nissan
6148	1.50	2.00	4.00					83.00	Nissan
6149 2C6149 2M6149	1.50	1.50	4.00					87.00	General Motors Isuzu Nissan
2C6150	1.50	2.00	4.00					86.00	Nissan
6151	1.50	1.50	4.00					76.00	Nissan
6152	1.50	1.50	4.00					84.07	General Motors
6153 2C6153	1.50	1.50	2.80					76.00	Daihatsu Subaru
2C6154	1.20	1.50	4.00					77.00	Mazda
6155 2C6155	1.50	2.00	4.00					80.00	Ford Mazda
6156 2C6156	1.50	1.50	4.00					84.50	Nissan Toyota
6157 2C6157 2M6157	2.00	2.00	4.00					87.00	General Motors Isuzu Mercedes-Benz
6162 2C6162	1.50	1.50	4.00					83.00	Nissan Toyota
6163	1.50	1.50	2.80					70.00	Daihatsu
6164	1.60	1.60	4.00					88.84	Harley-Davidson
6165	1.75	2.00	5.00					85.50	Volkswagen
6166	1.60	1.60	4.00					80.96	Harley-Davidson
2C6167	1.75	2.00	4.00					88.90	Volvo
2C6168	1.75	2.00	4.00					88.90	Volvo
6169	1.50	1.50	4.75					89.00	General Motors
2C6170	1.60	1.60	4.00					79.38	Kohler
6171 2C6171	2.00	2.00	4.00					85.00	Chrysler Dodge Trucks Hyundai Mitsubishi
6172 2C6172	2.00	2.00	4.00					80.60	Chrysler Mitsubishi
2C6173	1.20	1.20	2.80					74.00	Honda
6175	1.50	2.00	4.00					77.00	Mazda
6177	1.50	1.50	4.00					80.00	Honda

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
6179	1.50	1.50	4.00					75.00	Toyota
6180	1.50	1.50	2.80					81.00	General Motors
2C6180									Toyota
2C6185	1.50	1.50	2.80					68.50	Suzuki
2C6189	2.38	2.38	4.75					88.90	Ford
6190	1.50	1.50	2.00					82.50	Volkswagen
6192	1.75	2.00	4.00					69.50	Audi
2C6192									Volkswagen
6193	1.50	1.75	4.00					84.80	General Motors
6194	1.50	2.00	4.75					89.00	General Motors
2M6194									Isuzu Jeep
6195	2.00	2.00	2.80					73.00	Honda
6196	1.50	1.50	2.80					87.00	Ford
2M6196									Infiniti Nissan
6197	1.75	2.00	4.00					78.00	Peugeot
2M6198	1.50	1.50	2.80					76.20	Harley-Davidson
2M6209	1.50	1.50	3.00					89.00	General Motors
6209								89.00	Isuzu
6215	2.38	2.38	4.75					92.08	Caterpillar Waukesha
2C6239	2.00	1.50	2.80					87.00	Nissan
6240	1.50	1.50	2.80					78.00	Nissan
6261	2.38	2.38	4.75					82.55	Onan
2C6286	2.38	2.38	4.75					111.13	International
6302	2.38	2.38	4.75					98.43	International
2M6302									
6308	2.38	2.38	2.38	4.75				107.95	General Motors
2C6308									
6309	2.38	2.38	4.75					114.30	Dodge Trucks
2C6309									International
6337	3.18	3.18	4.75	4.75				88.90	General Motors
6338	2.38	2.38	4.75	4.75				90.49	General Motors
6353	2.38	2.38	4.75					98.43	International
2C6353									
2C6395	2.38	2.38	4.75					107.95	General Motors
6457	1.60	1.60	4.75					76.20	Harley-Davidson
6474	2.00	2.00	4.75					85.73	Kohler
6482	1.60	1.60	4.75					87.31	Harley-Davidson

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
2C6500	4.00	4.00	4.00	6.35				130.18	Cummins
6535	2.38	2.38	4.75					82.55	International
2C6581	2.38	3.18	4.75	4.75				95.25	Case
6588	2.38	2.38	4.75					87.31	Cummins
2C6593	2.35	2.35	4.75					104.78	International
6601	2.00	2.00	2.00	4.75				102.87	Ford
6606	2.38	2.00	2.00	4.75				107.95	General Motors
6607	2.00	2.00	2.00	4.75				98.43	Ford
6627	2.38	2.38	4.75					84.14	Harley-Davidson
2C6638	2.00	2.00	4.75					87.31	Briggs & Stratton
2C6660	2.38	3.18	4.75					98.43	Volvo
6667	2.38	2.00	4.75					88.90	Kohler
2C6677									
6677 2C6677 2M6677	2.00	2.38	2.38	6.35				87.31	Continental
6678 2C6678	2.00	2.38	2.38	6.35				87.31	Continental
6685	2.38	2.00	2.00	4.75				98.43	Ford
6686	2.38	2.00	2.00	4.75				102.87	Ford
2C6709	2.00	2.00	4.00					72.00	Fiat
6713	2.00	2.00	4.50					84.00	Peugeot
6714 2C6714	2.00	2.00	4.00					73.00	Mazda Mitsubishi Nissan
6717	2.00	2.00	4.00					62.00	Fiat
6726	2.00	2.00	4.75					84.14	Volvo
6735	1.60	1.60	4.00					86.00	Triumph
6738	1.60	1.60	1.60	4.00				80.26	Austin Rover M.G.
6741	2.00	2.00	4.00					77.00	Fiat
6742 2C6742	1.60	1.60	1.60	3.18				64.57	Austin Rover M.G.

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
2C6752 6752	2.00	2.00	4.00					72.00 72.00	Fiat Mitsubishi Subaru Toyota
6757	2.00	2.00	4.00					78.00	Fiat
6761 2C6761	2.00	2.00	4.00					80.00	Mazda Nissan
6772	2.00	3.00	5.00					85.50	Ford
2C6779	2.00	2.00	3.50					70.00	Renault
6780	2.00	2.00	4.00					77.00	Volkswagen
6781	2.00	2.00	5.00					85.50	Volkswagen
6786	2.38	2.38	2.38	4.75	4.75			90.49	Rover
6791	2.00	2.00	4.75					93.66	Ford
6793	2.00	2.00	4.00					83.00	Volkswagen
6796	1.75	2.00	4.00					65.00	Fiat
6797	2.00	2.00	4.00					75.00	Toyota
6800	2.00	2.00	4.75					92.00	Jaguar
2C6801	1.50	2.00	4.00					82.50	Porsche
6802 2C6802	1.60	1.60	1.60	4.00				70.61	Austin Rover M.G.
6804	2.00	2.50	4.00					78.00	Toyota
6810 2M6810	2.00	2.00	4.75					88.90	General Motors Volvo
6813 2C6813	2.00	2.00	4.00					75.00	Mazda Nissan Toyota
6814	1.50	2.00	4.00					80.00	Fiat
6817	1.60	1.60	4.00					74.68	Triumph
6818 2C6818	2.00	2.00	4.00					75.00	Mazda Nissan Toyota
6823	2.00	2.00	5.00					82.50	Opel
6825	2.00	2.00	4.75					88.90	Volvo
6830	2.00	2.50	4.00					87.20	Nissan
6831	2.00	2.00	4.00					83.00	Nissan
2C6832	3.00	3.00	3.00	5.50	5.50			85.00	Fiat
2C6834	1.75	1.75	4.75	4.75				90.50	Rover
6837	2.00	2.00	5.00					88.00	Opel

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
6840 2C6840	1.60	1.60	4.00					73.66	M.G. Triumph
6846	2.00	2.50	4.00					86.00	Toyota
6854	2.00	2.50	4.00					88.00	Toyota
6856 2C6856	2.00	2.00	4.00					83.00	Nissan Toyota
6857	1.75	2.00	4.00					77.00	Renault
6860	2.00	2.00	4.00					78.00	Fiat
6861 2C6864	2.00	2.00	2.00	4.50				88.00	Peugeot
	2.00	2.00	5.00					90.00	Citroen Porsche Volkswagen
6870	1.75	2.00	4.00					73.00	Renault
6871	2.00	2.00	4.00					78.00	Nissan
6872 2C6872	2.00	2.00	4.00					85.00	Nissan Subaru Toyota
6873 2C6873	2.00	2.00	4.75					95.25	General Motors Vauxhall
6874	2.00	2.00	4.75					85.73	Vauxhall
6876 2C6880	2.00	2.00	4.00					80.00	Toyota
	2.00	2.00	4.00					70.00	Mazda
6886	2.00	2.50	4.00					88.50	Toyota
6893	1.60	1.60	4.00					69.04	M.G.
6899 2C6899 2M6899	1.50	1.50	4.00					85.00	Chrysler Dodge Trucks Ford Mitsubishi Nissan Toyota
6912	2.00	2.38	2.38	6.35				84.14	Continental
6938	1.60	1.60	3.18					70.99	Triumph
6939	1.60	1.60	3.18					75.00	Bsa
6942 2C6942	1.60	1.60	3.18					67.01	Bsa Triumph
6948	1.60	4.00						80.96	Harley-Davidson
6949	1.60	4.00						82.55	Harley-Davidson
6950	1.60	4.00						84.14	Harley-Davidson
6953	1.60	1.60	4.00					80.96	Harley-Davidson

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
6954	1.60	1.60	4.00					82.55	Harley-Davidson
6955	1.60	1.60	4.00					84.14	Harley-Davidson
2M6958	1.60	1.60	4.00					92.08	Harley-Davidson
6962	2.00	2.00	4.75					90.49	Briggs & Stratton Onan
7001	1.60	1.60	4.00					90.49	Harley-Davidson
7002	1.60	1.60	4.00					88.90	Harley-Davidson
7003	1.60	1.60	4.75					80.96	Harley-Davidson
2C7012	3.18	2.38	2.38	4.75				111.76	Ford John Deere
2C7014	3.18	2.38	4.75					111.76	Ford
2C7021	3.18	2.38	4.75					111.76	Ford
7024	1.60	1.60	4.75					84.15	Harley-Davidson
2D7101	2.00	1.50	2.00					69.60	Fiat Opel Subaru Suzuki Vauxhall
2D7104	2.50	2.00	3.00					82.50	Ford
2C7106	2.38	2.38	2.38	4.75				90.49	Ford
2C7113	2.38	2.38	2.38	6.35	6.35			101.60	John Deere
2C7116	2.38	3.18	3.18	6.35	4.75			101.60	Massey-Ferguson
2C7118	2.38	2.38	2.38	4.75				98.43	John Deere
7119	2.38	2.38	2.38	4.75				88.90	John Deere
2C7122	2.38	2.38	2.38	6.35				107.95	Case
7123	2.38	2.38	2.38	6.35				88.90	Case
2C7124	2.38	2.38	2.38	6.35				104.78	Case General Motors
2C7125	2.38	2.38	2.38	4.75				98.48	Allis Chalmers
2C7133	2.50	2.00	3.00					82.50	Ford
2C7134	3.18	2.38	4.75					96.84	Case
2C7136	2.38	2.38	2.38	4.75	4.75			90.49	Allis Chalmers
2D7138	2.50	2.00	2.50					88.00	Fiat Iveco
7140	2.38	2.38	3.18	6.35	6.35			91.44	Massey-Ferguson Perkins
2C7144	2.38	2.38	4.75					85.73	International

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
2D7145	2.50	2.00	3.00					86.00	Ford
2C7148	1.75	2.00	3.00					76.50	Audi Volkswagen
2C7153	2.38	2.38	2.38	4.75				92.08	Ford
2C7155	2.38	2.38	4.75					92.08	John Deere
2M7157	3.50	2.00	3.00					83.00	Citroen Fiat Peugeot Suzuki
2D7158	2.38	2.38	4.75					98.43	John Deere
2D7167	1.75	1.75	3.00					84.00	Opel Vauxhall
2C7174	2.38	2.38	2.38	4.75				98.48	Allis Chalmers
2C7175	2.38	2.38	2.38	4.75				101.60	Ford
2D7176	3.50	2.00	3.00					85.00	Citroen Fiat Ford Peugeot
2C7180	2.38	2.38	2.38	4.75				111.76	Ford
2C7181	2.38	2.38	4.75					106.68	Ford
2C7182	2.38	2.38	2.38	4.75				106.68	Ford
2C7183	2.38	2.38	4.75					111.76	Ford
2D7188	2.50	2.00	3.00					95.40	Isuzu
2C7193	3.18	2.38	6.35					96.84	International
2C7194	1.20	1.20	2.00					86.00	Toyota
2C7195	3.18	2.38	6.35					158.75	Caterpillar
2C7197	3.18	3.18	3.18	4.75				98.43	International
2C7201	2.38	2.38	2.38	6.35	6.35			98.48	Allis Chalmers
2C7207	2.38	3.18	3.18	6.35				85.73	Continental
2C7210	2.38	2.38	2.38	4.75				111.76	Ford
2C7215	1.75	2.00	4.00					77.00	Citroen
2C7220	3.18	2.38	6.35					96.84	International
2D7225	2.00	1.50	3.00					95.40	Isuzu
7228 2D7228	1.50	1.50	4.00					75.00	Opel Peugeot
2C7236	2.38	2.38	4.75					107.95	John Deere
2D7239	1.75	2.00	3.00					78.00	Peugeot
2C7243	2.38	2.38	2.38	6.35				98.48	Massey-Ferguson Perkins
2D7246	2.38	2.38	2.38	4.75				107.16	Ford

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
2D7254	3.00	1.95	2.50					75.00	Citroen Fiat Ford Peugeot
2C7258	2.50	2.50	4.00					100.00	Perkins
2D7259	3.00	2.00	3.00					82.00	Fiat
2C7264	2.50	2.50	4.00					97.00	Mercedes-Benz
2D7270	2.50	1.95	2.50					73.70	Citroen Ford Mazda Peugeot Toyota
2C7275	1.50	2.50	4.00					87.00	Mercedes-Benz
2D7276	3.00	2.39	4.00					102.00	Cummins Dodge Trucks
2D7277	2.00	1.50	2.00					93.00	Ford Mazda
2D7279	3.00	2.00	3.00					84.00	Bmw Rover
2D7282	1.75	2.00	3.00					81.00	Audi Skoda Volkswagen
2D7284	1.75	2.00	3.00					78.30	Audi Skoda Volkswagen
2C7288	2.50	2.00	3.00					84.00	Bmw
2D7290	2.00	1.75	3.00					84.00	Opel Vauxhall
2D7291	2.50	2.00	3.00					88.00	Dodge Trucks Mercedes-Benz
2C7292	2.50	2.00	3.00					89.00	Mercedes-Benz Ssangyong
2D7296	2.00	2.00	2.50					76.00	Nissan Renault
2M7298	2.50	1.75	2.50					87.00	Renault
2D7299	3.00	2.00	2.00					84.00	Bmw
2M7328	3.00	1.75	2.50					89.00	Nissan Opel Renault Vauxhall

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
2D7329	2.50	2.00	3.00					86.00	Mercedes-Benz
2C7330	2.00	1.50	3.00					96.00	Toyota
2M7332	2.50	2.00	3.00					80.00	Nissan Renault
2C7333	1.75	2.00	4.00					82.00	Renault Volkswagen
2M7338	2.50	2.00	4.00					91.10	Hyundai Mitsubishi
2C7340	2.50	2.00	2.00					82.00	Alfa Romeo Fiat
2D7343	2.50	2.00	2.00					84.00	Nissan Opel Renault Vauxhall
2D7347	2.50	2.00	2.50					95.80	Fiat Iveco
2M7349	3.00	1.75	2.50					87.00	Nissan Opel Renault Vauxhall
2D7351	3.00	2.00	3.00					83.00	Citroen Fiat Lada Peugeot Suzuki
2D7352	2.00	2.00	3.00					80.00	Mercedes-Benz
2C7353	3.00	2.00	3.00					94.40	Fiat Iveco Opel Peugeot Renault Vauxhall
2D7355	3.00	2.00	3.00					82.00	Alfa Romeo Fiat
2C7356	2.00	2.00	4.00					92.00	Toyota Volkswagen
2C7357	3.00	2.00	3.00					80.00	Bmw
2D7359	2.00	1.50	3.00					92.00	Toyota
2C7361	2.50	2.00	3.00					91.00	Hyundai
2C7362	3.00	2.00	4.00					94.00	Vm Motori

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
2D7365	2.00	2.00	3.00					86.00	Ford
2D7366	2.00	2.00	2.00					82.00	Alfa Romeo Fiat Opel Saab Vauxhall
2D7367	2.00	2.00	2.00					83.00	Mercedes-Benz
2D7368	2.50	2.00	3.00					89.90	Ford
2D7374	2.50	2.00	2.00					84.00	Bmw
2D7376	2.50	1.75	3.00					84.00	Opel Vauxhall
2D7377	2.00	2.00	2.00					89.90	Ford Rover
2M7379	2.50	2.00	4.00					91.10	Hyundai Mitsubishi
2M7382	2.00	2.00	2.00					83.00	Mercedes-Benz
7384 2C7384	2.00	2.00	4.00					93.00	Isuzu Opel Vauxhall
2C7401	2.00	2.00	3.00					97.10	Hyundai
2D7412	2.50	2.00	3.00					80.00	Bmw
2M7423	2.50	1.75	2.50					89.00	Nissan Renault
2C7424	2.00	1.50	3.00					79.00	Isuzu
2C7425	2.00	2.00	3.00					85.00	Honda
2C7428	2.00	1.50	3.00					82.20	Toyota
2D7431	2.50	1.95	2.00					75.00	Citroen Ford Peugeot Toyota Volvo
2C7432	1.20	1.50	2.50					63.50	Mercedes-Benz Smart
2N7434	1.20	1.20	2.50					66.50	Smart

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
2D7435	2.00	2.00	3.00					83.00	Audi Citroen Fiat Peugeot Rover Suzuki Volkswagen
2D7436	3.00	2.50	4.00					102.00	Hyundai
2C7437	3.00	3.00	3.00	5.00				95.00	Renault
2D7440	2.00	1.75	2.00					83.00	Jeep Mercedes-Benz
2N7442	1.50	1.75	3.00					90.90	Mercedes-Benz Ssangyong
2D7448	1.50	1.50	2.50					65.50	Mercedes-Benz
2C7449	3.00	2.00	2.50					94.40	Citroen Fiat Iveco Peugeot Renault
2M7450	2.50	2.00	2.50					94.40	Citroen Fiat Iveco Opel Peugeot Renault Vauxhall
2D7451	2.00	2.00	2.00					86.00	Ford
2C7454	2.00	2.00	4.00					91.10	Hyundai Mitsubishi
2D7455	2.50	2.00	3.00					84.00	Hyundai
2C7456	3.00	2.50	4.00					115.00	Isuzu
2C7458	2.50	2.00	4.00					92.00	Alfa Romeo Chrysler Ford Opel Rover Vauxhall Vm Motori
2C7465	2.00	1.50	2.00					86.00	Toyota

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
2D7468	2.00	2.00	3.00					83.00	Hyundai Kia
2D7473	3.18	3.18	2.80					114.30	Caterpillar Ford
2D7476	2.50	2.00	3.00					81.00	Audi
2D7484	3.00	3.00	4.00					102.00	Cummins
2C7487	1.75	2.00	2.00					81.00	Audi Seat Skoda
2D7492	2.50	2.00	3.00					97.10	Hyundai
2D7493	3.18	3.18	2.80					114.30	Caterpillar
2D7495	2.50	2.00	3.00					87.00	Hyundai
2C7498	2.50	2.00	3.00					86.20	Ssangyong
2C7501	2.38	2.38	4.75					87.31	Ford
2C7503	2.38	2.38	2.38	6.35				88.90	International
2C7505	2.38	2.38	4.00	4.00				80.96	Ford
2C7513	3.18	3.18	3.18	4.75	4.75			90.49	Allis Chalmers
2D7518	2.40	2.35	4.00					102.00	Cummins
2D7522	2.50	2.00	3.00					91.00	Hyundai Kia
2D7524	2.38	2.38	4.75					114.30	Caterpillar
2D7528	1.50	1.50	2.00					83.00	Alfa Romeo Chrysler Fiat Opel Saab Suzuki Vauxhall
2D7531	2.00	2.00	3.00					89.00	Nissan
2D7534	1.75	2.00	3.00					83.00	Audi Volkswagen
2D7536	3.18	3.18	3.18	6.35				85.73	Case Continental
7537	2.38	2.38	4.00	4.00				84.14	Massey-Ferguson
2C7538	2.00	2.00	3.00					82.50	Ford Mazda
2D7540	2.00	2.00	3.00					79.00	Opel Vauxhall
2C7543	3.18	3.18	3.18	6.35				79.38	International
2D7545	2.00	1.75	3.00					81.00	Volvo

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
2C7547	2.38	2.38	2.38	6.35				90.49	International
2D7549	2.50	2.00	2.00					85.00	Citroen Ford Jaguar Mitsubishi Peugeot Rover
2C7553	2.38	3.18	3.18	4.75				104.78	Allis Chalmers
2C7558	2.38	2.38	2.38	6.35				85.73	Case International
2C7564	2.38	2.38	2.38	4.75				80.96	International
2C7578	3.18	3.18	3.18	4.75				84.14	Continental Massey-Ferguson
2C7580	2.38	2.38	2.38	6.35				104.78	Allis Chalmers Case International
7581 2D7581	2.38	2.38	2.38	4.75				92.08	Case John Deere Waukesha
7582	2.38	2.38	4.00	4.00				82.55	Massey-Ferguson
7584	2.38	2.38	2.38	4.75				82.55	International
2C7585	2.38	2.38	2.38	4.75	4.75			87.31	International
7593 2C7593	2.38	2.38	2.38	4.75				92.08	Allis Chalmers Case
2C7642	3.18	3.18	3.18	3.18	6.35			149.23	John Deere
2C7647	2.38	2.38	2.38	6.35				98.43	International
2C7654	2.38	2.38	2.38	6.35				101.60	International John Deere
2C7656	2.38	2.38	2.38	6.35				101.60	Case
7659	3.18	3.18	3.18	4.75				92.08	Case
7663	2.38	2.38	2.38	4.75				92.08	Case Waukesha
2C7666	2.38	3.18	3.18	6.35				101.60	Case
2C7669	3.18	3.18	3.18	4.75				95.25	John Deere Waukesha
2C7671	2.38	2.38	2.38	4.75				85.73	Continental Massey-Ferguson
2C7673	2.38	2.38	4.75					99.06	Ford

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
2C7674	3.18	3.18	3.18	3.18	6.35	6.35		155.58	John Deere
2D7675	2.38	2.38	2.38	6.35				107.95	John Deere
2C7677	2.38	2.38	2.38	6.35				92.08	International
2C7681	2.38	2.38	2.38	6.35				87.31	International
2C7687	2.38	2.38	6.35					90.49	International
7689	2.38	2.38	4.75					82.55	International
2C7690	3.57	3.18	3.18	3.18	6.35	6.35		155.58	John Deere
2C7696	2.38	2.38	6.35					79.38	International
2C7698	2.38	2.38	6.35					80.96	International
2C7702	2.38	2.38	2.38	4.75				95.25	Allis Chalmers
2C7703	2.38	2.38	2.38	4.75				98.43	Allis Chalmers Waukesha
7705	2.38	2.38	2.38	4.75				87.31	Allis Chalmers
7707	2.38	2.38	4.75					50.80	John Deere
2C7724	2.38	2.38	2.38	6.35				79.38	International
2C7731	4.75	4.75	4.75	4.75	7.94			139.70	John Deere
2C7733	4.75	4.75	4.75	4.75				114.30	John Deere
2C7742	3.18	3.18	3.18	6.35				90.49	John Deere
2C7747	3.18	3.18	3.18	6.35				95.25	Waukesha
2C7758	3.18	3.18	3.18	4.75				76.20	Continental International
2C7761	3.18	3.18	3.18	6.35				101.60	Massey-Ferguson
2C7771	4.00	4.00	3.18	6.35				101.60	John Deere
2C7778	3.18	3.18	3.18	6.35	4.75			114.30	Case
2C7784	3.18	3.18	3.18	3.18	3.18	6.35	6.35	146.05	John Deere
7785 2C7785	2.38	2.38	4.75					82.55	Onan
2C7789	3.18	3.18	3.18	4.75				82.55	Case Continental Massey-Ferguson
2C7790	2.38	2.38	3.18	6.35				87.31	International
2C7794	2.38	2.38	3.18	6.35				104.78	Allis Chalmers
2C7795	2.38	2.38	2.38	6.35				101.60	Case International Massey-Ferguson
2C7796	2.38	2.38	2.38	6.35	6.35			101.60	International
2C7799	2.38	2.38	2.38	4.75				79.38	International
2D7802	2.30	1.50	3.00					98.50	Mitsubishi
2D7803	3.00	2.00	3.00					84.45	Honda Rover

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
2D7809	2.00	2.00	3.00					86.00	Nissan
2D7810	2.00	2.00	3.00					83.00	General Motors Opel Vauxhall
2D7811	2.50	1.50	2.00					85.00	Honda
2D7816	1.75	1.75	2.00					84.00	Bmw
2D7821	1.75	1.75	3.00					77.20	Hyundai
2D7827	2.00	1.75	2.00					81.00	Volvo
2D7834	2.50	2.00	3.00					81.00	Volkswagen
2D7836	1.50	1.50	2.00					69.60	Fiat Opel
7843 2C7843	3.18	3.18	4.75					82.55	John Deere
2C7844	3.18	3.18	4.75					88.90	John Deere
7859 2C7859	2.38	2.38	4.75					66.68	Continental International Kohler
7887	2.38	2.38	3.18	2.38	3.18			63.50	Bendix
7888	2.38	2.38	4.75					66.68	Bendix
2C7940	3.18	3.18	3.18	6.35	3.18	6.35		139.70	John Deere
2C7941	2.38	2.38	2.38	4.75				93.66	Case
2C7945	2.38	2.38	4.75					92.08	Ford
2C7997	2.38	2.38	3.18	6.35				101.60	Case International Massey-Ferguson
2C7998	3.18	3.18	3.18	6.35	3.18	6.35		152.40	John Deere
2C7999	2.38	2.38	2.38	4.75	4.75			99.06	Ford
8266	3.18	3.18	3.18	3.18				52.39	Bendix
2M8505	1.50	1.50	3.00					104.78	General Motors
2M8510	1.50	1.50	3.00					107.95	General Motors
SC8513	1.00	1.20	2.80					84.00	Honda
2M8521	1.50	1.50	3.00					101.60	Ford
2M8525	1.50	1.50	3.00					114.30	General Motors
SM8527	1.20	1.60	4.75					101.60	Ford
2M8535	1.50	1.50	3.00					114.30	General Motors
SM8537	1.20	1.60	4.75					101.60	Ford
2M8542	1.60	1.60	4.75					101.60	Ford
2M8543	1.60	1.60	4.75					101.60	Ford
SM8547	1.10	1.60	4.75					104.78	General Motors

PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
SM8550	1.10	1.10	3.00					104.78	Chrysler General Motors
2M8552	1.60	1.60	4.75					104.78	General Motors
SM8556	1.10	1.10	3.00					101.60	Chrysler Ford
SM8557	1.10	1.60	4.75					104.78	General Motors
2M8559	1.60	1.60	4.75					104.78	General Motors
2M8562	1.60	1.60	4.75					107.95	Chrysler General Motors
SM8567	1.10	1.60	4.75					107.95	Chrysler General Motors
2M8569	1.50	1.50	3.00					107.95	General Motors
2M8571	1.60	1.60	3.18					101.60	Chrysler Ford
SM8582	1.10	1.10	3.00					114.30	General Motors
2M8588	1.60	1.60	4.75					114.30	General Motors
SM8592	1.10	1.60	3.00					114.30	General Motors
2M8594	1.60	1.60	4.75					114.30	General Motors
9100	2.00	3.00	4.00					90.00	Ford
9101	2.00	2.00	4.00					84.07	Opel
2C9340	1.50	2.00	3.00					85.00	Lada
2D9349	2.50	2.00	4.00					93.00	Citroen Peugeot
2C9356	1.50	2.00	3.00					72.00	Citroen Peugeot
2M9365	1.50	1.50	3.00					78.50	Citroen
2C9369	1.20	1.50	2.50					78.50	Peugeot
2C9372	1.75	2.00	3.00					75.00	Citroen Peugeot
2C9377	1.50	2.00	4.00					82.00	Lada
2D9384	3.00	2.00	4.00					93.00	Alfa Romeo Fiat Renault
2C9502	1.60	2.00	4.00					80.96	Ford
2C9503	1.50	2.00	4.00					74.00	Citroen
9505	2.00	2.00	2.50	4.00				86.50	Mercedes-Benz
2C9506	3.00	2.00	4.00					87.00	Mercedes-Benz
9514	1.50	2.00	4.00					86.00	Fiat
9516	1.50	2.00	4.00					84.00	Fiat
2C9516									Peugeot

RING SIZE TYPE - NUMERICAL INDEX



PART NUMBER	TOP GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	CYL. DIA.	POPULAR APPLICATION
9519	1.50	1.75	4.00					80.00	Alfa Romeo
2C9520	1.50	1.75	4.00					78.00	Alfa Romeo
9526	1.60	1.60	4.00					80.26	Austin Rover M.G.
9547	1.50	1.50	2.00					82.50	Volkswagen

DATA PROVIDERS AND REGISTRATION



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Piston Rings

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