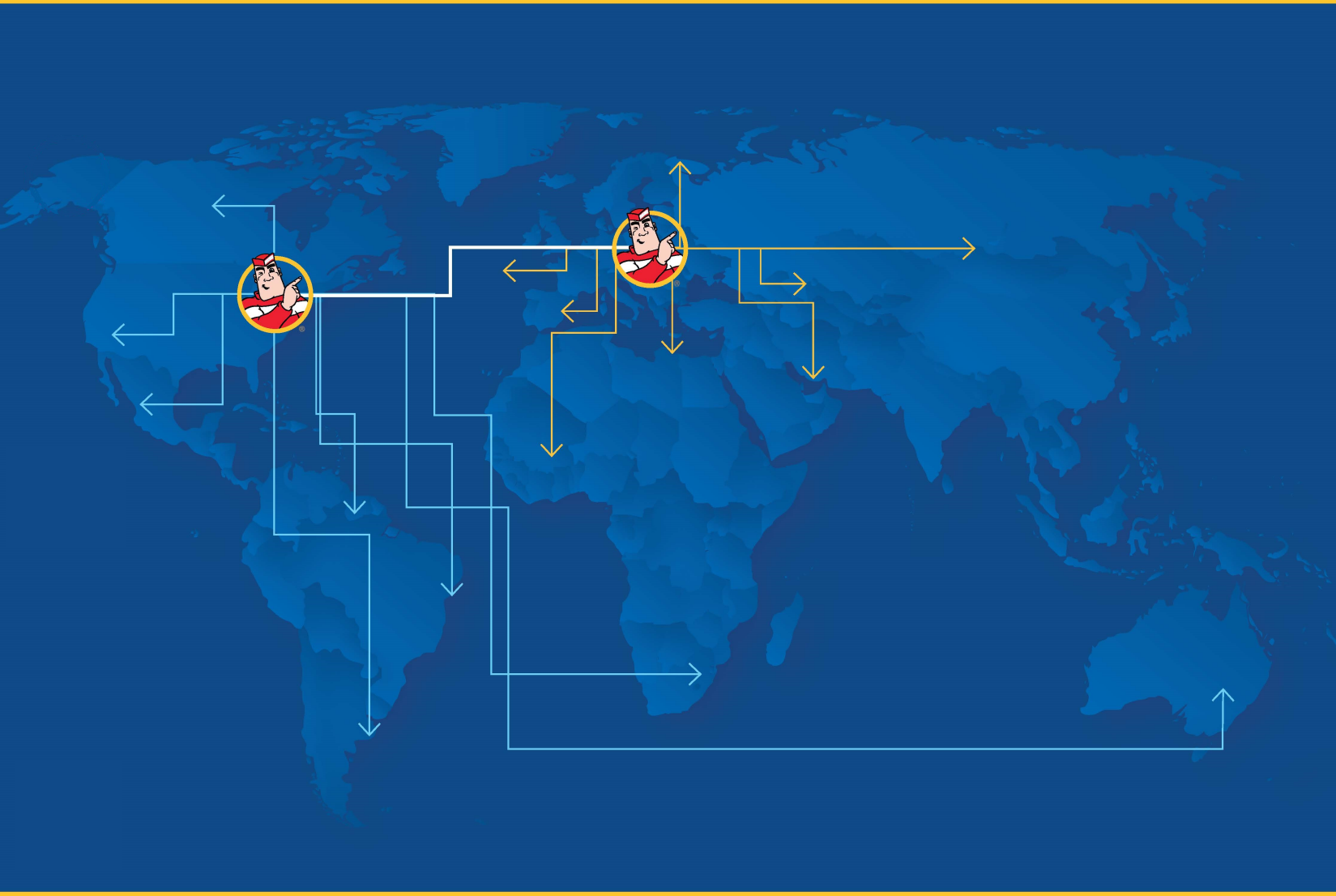




Master
Catalog
2022
Americas

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



The Widest Aftermarket Portfolio in the WORLD!

100+ Years

Best Supply Chains

Global Distribution

Quality Products

A World Leader in the Engineering and Manufacturing of Piston Rings



HASTINGS PISTON RINGS. **MADE FOR THE WORLD.**

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

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

INDEX

ACURA	60 - 61
ALFA ROMEO	61 - 63
ALLIS CHALMERS	63 - 65
AMERICAN MOTORS	65 - 71
AUDI	71 - 76
AUSTIN ROVER	76 - 77
BENDIX	77 - 78
BMW	78 - 81
BRIGGS & STRATTON	82
BSA	82 - 83
BUDA	83 - 84
CASE-COMBINES	85 - 86
CASE-ENGINES	86
CASE-TRACTORS	87 - 88
CASE-TRACTORS -INCREASED BORE SLEEVES	88 - 89
CATERPILLAR	89
CHECKER	90 - 93
CHRYSLER-ANTIQUE	93 - 95
CHRYSLER-AUSTRALIA	95
CHRYSLER-CARS	96 - 109
CHRYSLER-INDUSTRIAL	109 - 111
CHRYSLER-MARINE	111 - 115
CITROEN	115 - 117
CONTINENTAL	117 - 119
CUMMINS	119 - 120
DACIA	120
DAEWOO	120 - 121
DAF	121
DAIHATSU	121
DEUTZ	122
DODGE TRUCKS	122 - 132
FAIRBANKS	132
FERGUSON	132 - 133
FIAT	133 - 140
FORD-BRITISH	140 - 144
FORD-CARS	144 - 162
FORD-EUROPEAN	162 - 166
FORD-INDUSTRIAL	166 - 170
FORD-TRACTORS	170 - 172
FORD-TRUCKS	172 - 190
GENERAL MOTORS-CARS	191 - 225
GENERAL MOTORS-TRUCKS	225 - 244
HANOMAG	244
HARLEY-DAVIDSON	244 - 248
HERCULES	248 - 250
HONDA	250 - 254
HONDA-RACING	254
HONDA-STATIONARY	254
HYUNDAI	254 - 259
INFINITI	259 - 260
INTERNATIONAL-BALERS	260
INTERNATIONAL-COMBINES	260 - 261
INTERNATIONAL-CONSTRUCTION & INDUSTRIAL	261 - 262
INTERNATIONAL-ENGINES & POWER UNITS	262 - 263
INTERNATIONAL-TRACTORS	264 - 266
INTERNATIONAL-TRACTORS INCREASE BORE SLEEVE	266 - 268

INTERNATIONAL-TRUCKS & ENGINES	268 - 270
ISUZU	270 - 274
IVECO	274
JAGUAR	275
JEEP	276 - 283
JOHN DEERE-COMBINES	284
JOHN DEERE-ENGINE & POWER UNITS	284 - 285
JOHN DEERE-TRACTORS	285 - 288
KERMATH	288 - 289
KIA	289 - 291
KOHLER	291 - 292
LADA	292 - 293
LAND ROVER	294 - 296
LEROI	297
LEXUS	297 - 298
M.G.	298 - 299
MAN	299
MASSEY-FERGUSON-BALERS, REAPERS & THRESHERS	299 - 300
MASSEY-FERGUSON-COMBINES	300 - 301
MASSEY-FERGUSON-INCREASED BORE SLEEVE	301 - 302
MASSEY-FERGUSON-TRACTORS	302 - 303
MAZDA	303 - 311
MERCEDES-BENZ	311 - 323
MERCURISER	323
MIDLAND-COMPRESSORS	323
MINNEAPOLIS-MOLINE-WHITE MOTORS	324
MITSUBISHI	324 - 331
NISSAN	331 - 343
OLIVER-WHITE MOTORS	343 - 344
OLIVER-WHITE MOTORS INCREASED BORE SLEEVE	344
ONAN	344 - 345
OPEL	345 - 350
PACKARD	350 - 351
PALMER	351 - 353
PERKINS	354
PEUGEOT	354 - 359
PORSCHE	359 - 360
RENAULT	360 - 364
SAAB	364 - 365
SCANIA	365 - 366
SEAT	366 - 367
SKODA	367 - 368
SMART	368 - 369
SSANGYONG	369
STUDEBAKER	369 - 371
SUBARU	371 - 373
SUZUKI	373 - 376
TATA	376
TOYOTA	376 - 390
TRIUMPH	390
TRIUMPH-MOTORCYCLE	391
VAUXHALL	391 - 393
VM MOTORI	393
VOLKSWAGEN	393 - 403
VOLVO	403 - 405
WAUKESHA	405 - 406
WISCONSIN ⁱ	406 - 407

HOW TO USE THIS CATALOG

ICON DESCRIPTIONS

We've updated our applications header to make page viewing simpler and easier.

Below is a legend that describes each icon.

1	2	3	4	5	6	7	8	9	10	11	12	13
YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
AUDI												
2005-15	1984		2.0 L	4 CYL	CAEA, CAEB, CAED, CAWB,CBFA, CCTA, CCZA,CDNA, CDNC, CESA, CETA,	TSI	82.50 3.248	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

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



PISTON RING PREFIXES

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

2C Prefix Chrome Top Compression Rings
Chrome Oil Rings

2M Prefix Moly Top Compression Rings
Chrome Oil Rings

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

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

SN Prefix Contains Nitride and PVD
components

CODING AND MATERIAL ABBREVIATIONS

1PCO 1PIECE OIL

2PCO 2 PIECE OIL

FV FLEX-VENT® 3 PIECE FLEX VENT

BF BARREL FACE

CC CERAMIC CHROME

CR CHROME

CHR..... CHROME RAIL

CI..... CARBIDIC IRON

CF CONFORMATIC

CF KST CONFORMATIC KEYSTONE

DI..... DUCTILE IRON

FKST FULL KEYSTONE

GI..... GREY IRON

GL GROOVE LOCK SPACER

HKST..... HALF KEYSTONE

DI..... HIGH TENSIL

KYS KEY STONE

N..... NAPIER

GN..... NITRIDE

PVD GN PVD NITRIDE

PC PHOSPHATE COATED

PM..... PLASMA MOLY

RVT REVERSE TORSIONAL

RVT BF REVERSE TOSIONAL BARREL FACE

SCRP SCRAPER

SCRP TF SCRAPER TAPER FACE

SS..... STAINLESS STEEL

S..... STEEL

SN STEEL NITRIDE

ST..... STRAIGHT FACE

TF TAPER FACE

TFN TAPER FACE NAPIER

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

T TORSIONAL

TBF..... TORSIONAL BARREL FACE

TTF..... TORSIONAL TAPER FACE

3CR TRIPLE CHROME

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

ENGINE BUILDING AND RING INSTALLATION

IMPORTANT ASPECTS OF ENGINE REBUILDING

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

MANY THINGS ARE NOT REBUILDERS' FAULT

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



THINGS TO REMEMBER DURING RING INSTALLATION

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

PISTON RING INSTALLER

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



Part #1723

SIZE CONVERSIONS

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

COMMON INCH OVER/UNDERSIZES CONVERTED TO MILLIMETERS

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

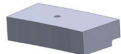
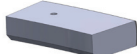
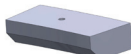
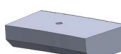
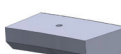
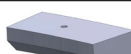
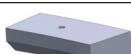
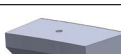
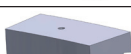
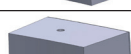
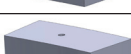
COMMON MILLIMETER OVER/UNDERSIZES CONVERTED TO INCHES

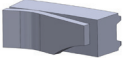
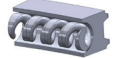
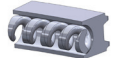
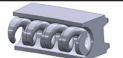
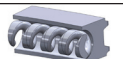
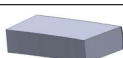
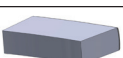
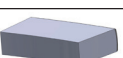
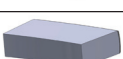
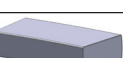
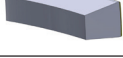
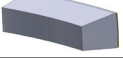
MILLIMETERS	DECIMAL INCHES	MILLIMETERS	DECIMAL INCHES
0.0250	.0010	0.8000	.0315
0.0500	.0020	1.0000	.0394
0.2500	.0098	1.2500	.0492
0.3000	.0118	1.5000	.0591
0.5000	.0197	2.0000	.0787
0.7500	.0295		

RING WIDTH CONVERSION CHART

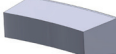
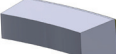
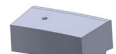
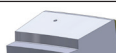
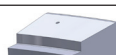
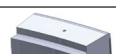
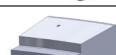
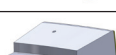
DECIMAL INCHES	MILLIMETERS	FRACTION
.0390	1.00	
.0469	1.20	3/64"
.0570	1.45	
.0590	1.50	
.0625	1.59	1/16"
.0690	1.75	
.0710	1.80	
.0770	1.95	
.0781	1.98	5/64"
.0787	2.00	
.0880	2.20	
.0890	2.25	
.0900	2.30	
.0937	2.38	3/32"
.0950	2.40	
.0980	2.50	
.1100	2.80	
.1180	3.00	
.1210	3.07	
.1230	3.12	
.1250	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"

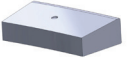
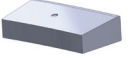
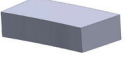
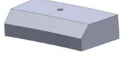
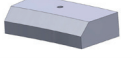
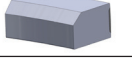
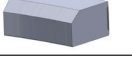
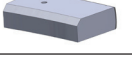
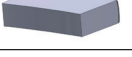
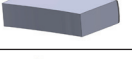
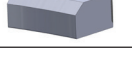
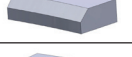
PISTON RING TYPES

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	

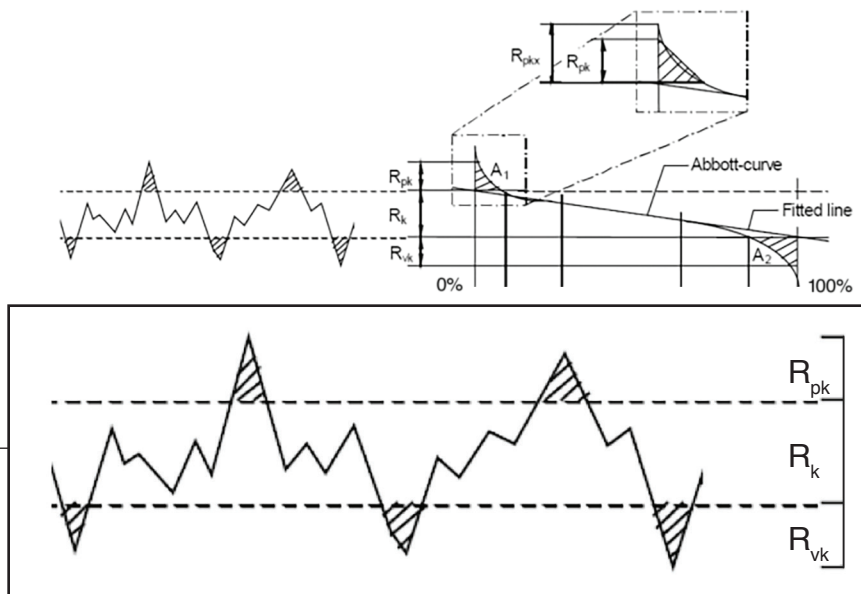
BORE FINISH

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)

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

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



Reduced Peak Height (Rpk)

The top portion of the surface, which will quickly be worn away when the engine begins to run

Core Roughness Depth (Rk)

The long term running surface, which will influence the performance and life of the cylinder

Reduced Valley Depth (Rvk)

The oil retaining capability of the deep troughs, which have been machined into the surface

INDUSTRY RECOMMENDATIONS

General Applications:

Good performance with good life

Rpk: 8-12 micro-inch (<12 optimum)

Rk: 25-35 micro-inch (25 optimum)

Rvk: 40-50 micro-inch (40 optimum)

Ra: 15-20 micro-inch and 12-23 allowable

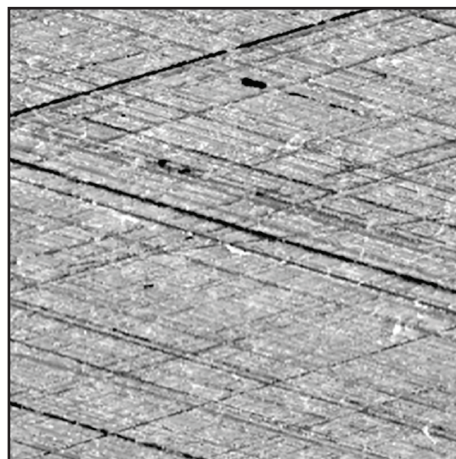
Pro-Stock & NASCAR:

Much smoother finish, much less life, but less friction

Rpk: 3-5 micro-inch

Rk: 12-18 micro-inch

Rvk: 20-25 micro-inch



OIL RETENTION & CROSS HATCH ANGLE

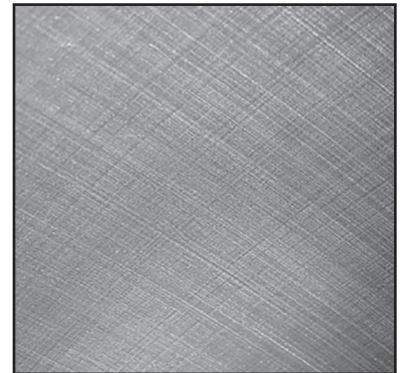
Oil Retention (valleys in bore surface)

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

Cross Hatch Angle

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

Source: Cross Hatch Angle data provided by Sunnen Products Company



HONING (GENERAL APPLICATIONS)

Standard Honing Practices Stock Removal

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

Finish

- 320 grit abrasive filled nylon filament brush

OR

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

HONING (RACING ENGINES)

Standard Honing Practices Stock Removal

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



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

BORE FINISH (continued)

COMMON DEVIATIONS FROM A GOOD BORE FINISH

Cross hatch grooves irregularly spaced

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

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

Wide, deep cross hatch grooves

Causes: Stone grit too coarse, excessive stone pressure, poor stone break-down, insufficient lubricant

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

One directional cut

Causes: Excessive play in hone components

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

Low cross hatch angle

Causes: Low reciprocation rate compared to RPM used

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

Cross hatch groove folded and fragmented

Causes: Stone grit too coarse and/or grade too soft, insufficient lubricant

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

Too little plateau

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

Effect: Excessive ring wear, high temperatures

Glazed plateau

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

Effect: Slows down seating-in and increases oil consumption

Excessive voids in cylinder wall

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

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

CHECKING COMPRESSION RING GAPS

RECOMMENDED AUTOMOTIVE COMPRESSION RING GAP CLEARANCES

CYLINDER DIAMETER IN MILLIMETERS	RING GAP TOLERANCE IN MILLIMETERS	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 RELEASES

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

NEW RELEASES

PN	MAKE	LITER	ENGINE	SIZE
2C5252	GENERAL MOTORS	1.4 L	LUJ LUV Vin:9_B_C	STD, 0.50, 0.75, 1.00
2C5253	HONDA	1.5 L	L15A1	STD, 0.50, 0.75, 1.00
2C5282	FORD	2.0 L	TNWA, TNWB, TPBA, TPWA Ecoboost	STD, 0.50, 0.75, 1.00
	JAGUAR	2.0 L	204PT	
	LAND ROVER	2.0 L	204PT	
	VOLVO	2.0 L	B 4204 T7	
2C5293	INFINITI	3.5 L	VQ35HR, VQ35DE	STD, 0.25, 0.50, 0.75, 1.00
		3.7 L	VQ37VHR	
	NISSAN	3.5 L	VQ35HR, VQ35DE	
		3.7 L	VQ37VHR	
		4.0 L	VQ40DE	
2C5297	CHRYSLER	2.4 L	2A2FE Toyota Eng Vin: B,F,K	STD, 0.50, 0.75, 1.00
	JEEP	2.4 L	Vin:2	
2C5302	LAND ROVER	4.2 L	428PS	STD
2C5303	JAGUAR	3.0 L	306PS	STD
	LAND ROVER	3.0 L	306PS	
2C5310	MAZDA	1.5 L	ZY-DE, ZY-VE, ZY05, ZY66	STD, 0.50, 0.75
2C5802	HYUNDAI	1.0 L	G4HC	STD, 0.25, 0.50, 0.75, 1.00
	KIA	1.0 L	G4HC	
2C5855	FORD	1.6 L	Vin: J	STD, 0.50, 0.75
2D4512	HANOMAG	3.8 L	OM 314.915	STD, 0.50, 1.00
		5.7 L	OM 352.917, OM 353.916, OM 353.917	
	MERCEDES-BENZ	3.8 L	OM314.965, OM340.930, OM340.932, OM343.910, OM343.932, OM343.934 OM 341.900,OM 341.910,OM 341.911, OM 341.912,OM 341.915,OM 341.918, OM 341.919,OM 341.931,OM 341.932, OM 341.934,OM 341.935,OM 341.936, OM 341.938,OM 341.941,OM 341.946, OM 341.948,OM 341.949,OM 341.995, OM 344.905,OM 344.912,OM 344.919, OM 344.930,OM 344.932,OM 344.933, OM 344.940,OM 344.941,OM 344.943, OM 344.944,OM 344.945,OM 344.946, OM 344.949,OM 344.963,OM 344.991, OM 344.997,OM 352.900,OM 352.901, OM 352.902,OM 352.903,OM 352.904, OM 352.905,OM 352.906,OM 352.907, OM 352.908,OM 352.909,OM 352.910, OM 352.911,OM 352.912,OM 352.914, OM 352.915,OM 352.917,OM 352.919, OM 352.930,OM 352.931,OM 352.932, OM 352.933,OM 352.934,OM 352.935, OM 352.936,OM 352.938,OM 352.939, OM 352.942,OM 352.943,OM352.944, OM 352.945,OM 352.948,OM 352.953, OM 352.954,OM 352.955,OM 352.956, OM 352.957,OM 352.958,OM 352.959, OM 352.960,OM 352.961,OM 352.962, OM 352.963,OM 352.964,OM 352.965, OM 352.966,OM 352.967,OM 352.969, OM 352.970,OM 352.971,OM 352.972, OM 352.973,OM 352.974,OM 352.975, OM 352.976,OM 352.978,OM 352.979, OM 352.980,OM 352.981,OM 352.982, OM 352.983,OM 352.984,OM 352.985, OM 352.986,OM 352.987,OM 352.989, OM 352.990,OM 352.991,OM 352.992, OM 352.993,OM 352.996,OM 352.997, OM 352.998,OM 352.999,OM 353.900, OM 353.901,OM 353.902,OM 353.903, OM 353.904,OM 353.905,OM 353.907, OM 353.915,OM 353.916,OM 353.917, OM 353.922,OM 353.923,OM 353.930, OM 353.931,OM 353.932,OM 353.933, OM 353.934,OM 353.935,OM 353.936, OM 353.938,OM 353.940,OM 353.941, OM 353.942,OM 353.943,OM 353.944, OM 353.945,OM 353.946,OM 353.949, OM 353.957,OM 353.960,OM 353.961, OM 353.962,OM 353.963,OM 353.964, OM 353.965,OM 353.966,OM 353.967, OM 353.968,OM 353.969,OM 353.973, OM 353.980,OM 353.981,OM 353.982, OM 353.983,OM 353.984,OM 353.985, OM 353.989,OM 353.995,OM 396.900	
	TOYOTA	3.8 L	OM314.910	

NEW RELEASES

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

NEW RELEASES

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

NEW RELEASES

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

NEW RELEASES

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

NEW RELEASES

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

NEW RELEASES

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

NEW RELEASES

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



ANILLOS DE PISTÓN HECHOS PARA TODOS

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

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

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

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

MUCHAS COSAS NO SON RESPONSABILIDAD DE LOS RESTAURADORES

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

COSAS A TOMAR EN CUENTA DURANTE LA INSTALACIÓN DE LOS ANILLOS

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

INSTALADOR DE LOS ANILLOS DEL PISTÓN

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



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	Prefijo SN	Contiene componentes de nitruro para PVD

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		

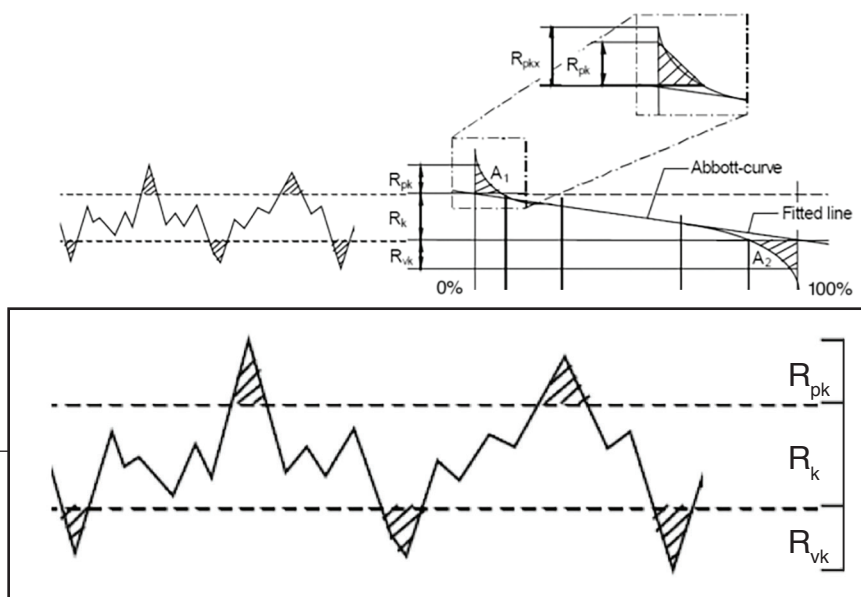
ACABADO DE LOS CILINDROS

R_{pk} , R_k y R_{vk} han reemplazado a R_a 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 (R_{pk})

La parte superior de la superficie, que se desgastará rápidamente cuando el motor empiece a funcionar

Profundidad de rugosidad del núcleo (R_k)

La superficie de rodadura a largo plazo, que influirá en el rendimiento y la vida útil del cilindro.

Reduimiento de la profundidad (R_{vk})

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

R_{pk} : 8-12 micropulgadas (<12 óptimo)

R_k : 25-35 micropulgadas (25 óptimo)

R_{vk} : 40-50 micropulgadas (40 óptimo)

R_a : 15-20 micropulgadas y 12-23 aceptable

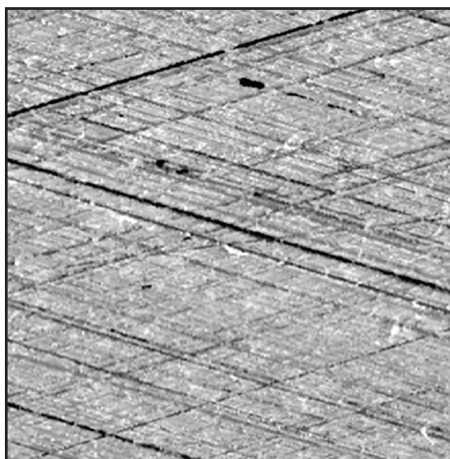
Pro-Stock y NASCAR:

Un acabado mucho más fino, menos duración, pero menos fricción

R_{pk} : 3-5 micropulgadas

R_k : 12-18 micropulgadas

R_{vk} : 20-25 micropulgadas



RETENCIÓN DE ACEITE Y ÁNGULO DE ESTRÍAS CRUZADAS

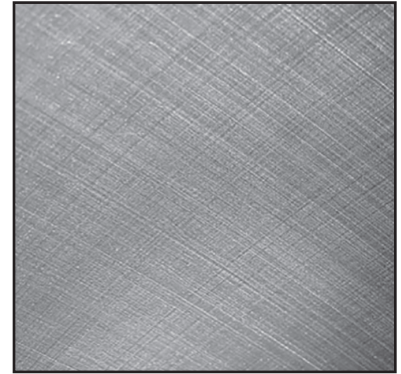
Retención de aceite (valles en la superficie del orificio)

- 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 Hipereutéticos: 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.

Vacios 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	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

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



حلقات مكبس HASTINGS. مصنوعة للعالم.

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

في Hastings، لا نصنع سوى حلقات المكابس فقط - ولأسباب جيدة. نحن نؤمن أن تصنيع أفضل منتج يحتاج للتركيز المفرد والمستمر يجعلنا ذلك نركز على أفضل ما نقوم به: منح الثقة الفائقة للعملاء في جميع أنحاء العالم. تقدم Hastings ما يرغب العالم في الحصول عليه بشأن حلقات المكبس: الدقة والأداء والثقة، بغض النظر عن الاستخدام أو المحرك. فإذا كان 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 > 24 (عوادم كثيرة)
- مشعب السحب (الأتربة والتسريب وحرارة التشغيل)

أشياء تتذكرها أثناء تركيب الحلقة

- أدخل الحلقات مباشرة في التجويف وقس فجوة الطرف باستخدام مقياس تحسسي
- اضبط الفجوة إذا لزم الأمر بملء كلا جانبي الفجوة بالتساوي
- استخدم أداة موسع الحلقة لتركيب الحلقات على المكبس، وذلك لكيلا تنتشوه الحلقة - لا تتخذ طريقًا لولبيًا على الحلقات
- ثم بتثبيت حلقات الاتجاه بحيث تكون النقطة لأعلى (وإلا فقد يتم ضخ الزيت)
- قم بتركيب حلقة زيت % قطع "!" مم بحيث تكون نقاط أداة الموسع لأعلى لتفادي السقوط في فتحة/منفذ التصريف في الجانب السفلي من حز الزيت
- يبتعد موقع التمايل للفجوات الطرفية عند كل حلقة بمقدار "#* درجة"
- نظف التجويفات باستخدام ماء ساخن وصابون وفرشاة فرك؛ امسح باستخدام خرقة بيضاء نظيفة للتحقق من عدم وجود أي بقع
- قم بتثبيت 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 % آلاف ميل
- *\$& 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 الحزبة مثالي أيضًا لإزالة الحلقات بسهولة، دون أضرار



حلقات الضغط من الحديد المصبوب $\bar{A}$
بدون بادئة..... حلقات من الحديد المصبوب أو زيت الكرو $\bar{A}$
البادئة \$ 0 حلقات الضغط العلوية من الكرو $\bar{A}$
حلقات من زيت الكرو $\bar{A}$
بادئة \$:..... حلقات الضغط العلوية من المولي $\bar{A}$
حلقات من زيت الكرو $\bar{A}$
بادئة \$ 1..... له العديد من مختلف أنواع الطلاء لجانب مقدمة الحلقة $\bar{A}$
والمواد الملائمة $\bar{A}$
لتصميمات محركات الديزل الحديثة $\bar{A}$
\$;..... يحتوي على مكونات نترية $\bar{A}$
(حلقات علوية أو % قطع من الحلقات الزيتية $\bar{A}$
?;..... نتريد من الفولاذ المقاوم للصدأ $\bar{A}$
(حلقات علوية أو % قطع من الحلقات الزيتية $\bar{A}$

الرموز واختصارات المواد

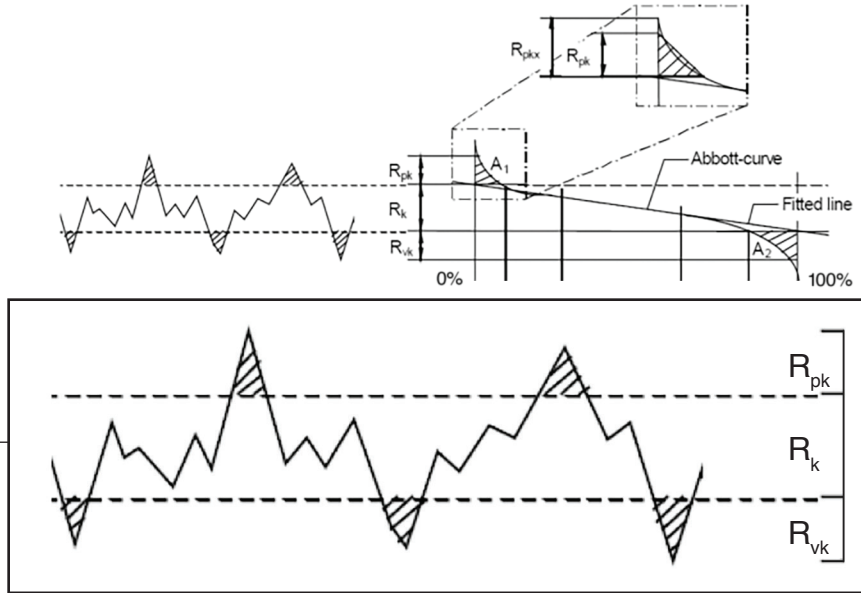
< 0 = ... زيت # قطع $\bar{A}$
\$ < 0 = ... زيت \$ قطع $\bar{A}$
3B فتحة مرنة % قطع $\bar{A}$
/3 سطح الأنبوب $\bar{A}$
00 كروم سيراميك $\bar{A}$
0 > كرو $\bar{A}$
05 > قضيب كرو $\bar{A}$
06 حديد كربيد $\bar{A}$
03 كونفورماتيك $\bar{A}$
@ 03 $\bar{A}$? أساس كونفورماتيك $\bar{A}$
16 حديد قابل للسحب $\bar{A}$
@ 38 ? أساس كامل $\bar{A}$
46 حديد رمادي $\bar{A}$
= 0 مطلي بالفوسفات $\bar{A}$
=: مولي بلازم $\bar{A}$
@ B > التواء معكوس $\bar{A}$
@ 3 B > سطح أنبوب بالتواء معكوس $\bar{A}$
= 0 ? مكشط $\bar{A}$
@ 0 = ? وجه مستدق الطرف للمكشط $\bar{A}$
?? فولاذ مقاوم للصدأ $\bar{A}$
? فولاد $\bar{A}$
?; نيتريد من الفولاذ $\bar{A}$
@ ? سطح مستقيم $\bar{A}$
@ 3 وجه مستدق الطرف $\bar{A}$
@ 3 نابيير ذو وجه مستدق الطرف $\bar{A}$
@ 3; 06 $\bar{A}$ حديد كربيد لنابيير ذو وجه مستدق الطرف $\bar{A}$
@ التواء $\bar{A}$
@ /3 سطح الأنبوب ملتوي $\bar{A}$
@@ 3 وجه مستدق الطرف ملتوي $\bar{A}$
% > 0 كروم ثلاثي $\bar{A}$

المسة النهائية للتجويف

حل $MI > I$ و $RI > D$ باعتبارها خطوط الأساس الأكثر أهمية بالنسبة لقياس المسة النهائية للتجويف $\bar{A}$ كما أنها تمثل الكثير من الوصف المحدد لسطح المسة النهائية للتجويف الفعلي $\bar{A}$ منحنى معدل الاحتمال (النسبة المئوية لتلامس المواد بين جدار الاسطوانة والحلقة $\bar{A}$)

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 ($\bar{A} > MI$)
 الجزء العلوي من السطح الذي سيتآكل سريعاً عند بدء تشغيل المحرك $\bar{A}$
 عمق خشونة القلب ($\bar{A} > I$)
 سطح التشغيل طويل الأمد، الذي سيؤثر في الأداء وفترة التشغيل للأسطوانة $\bar{A}$
 عمق الوادي المنخفض ($\bar{A} > RI$)
 قدرة الاحتفاظ بالزيت للأحواض العميقة، التي تم تشغيلها على السطح $\bar{A}$

توصيات الصناعة

طلبات عامة $\bar{A}$

أداء جيد مع فترة تشغيل ملائمة $\bar{A}$

$\bar{A} > MI, \bar{A}^* \# \$$ ميكرو بوصة ($\bar{A} > \# \$$ المثالي $\bar{A}$)

$\bar{A} > I, \bar{A}' \# \$$ ميكرو بوصة ($\bar{A} > \# \$$ المثالي $\bar{A}$)

$\bar{A} > RI, \bar{A}'' \# \$$ ميكرو بوصة ($\bar{A} > \# \$$ المثالي $\bar{A}$)

$\bar{A} > D, \bar{A}''' \# \$$ ميكرو بوصة ومسموح بـ $\bar{A} > \# \$$ المثالي $\bar{A}$

$\bar{A} = NL ? PLEI \bar{A} \bar{A} \bar{A} ; . ? 0 . >$

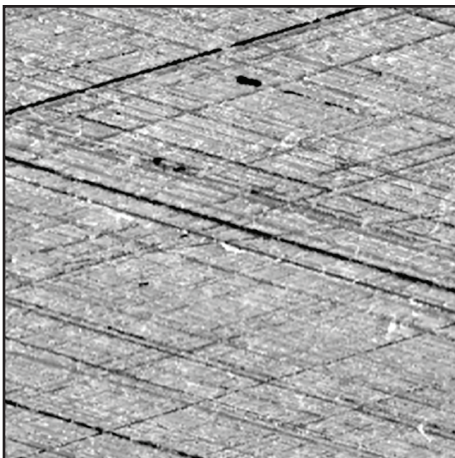
لمسة نهائية أكثر نعومة، فترة تشغيل أقل $\bar{A}$

ولكن أقل احتكاكاً $\bar{A}$

$\bar{A} > MI, \bar{A} \% \#$ ميكرو بوصة $\bar{A}$

$\bar{A} > I, \bar{A} \# \$ \#$ ميكرو بوصة $\bar{A}$

$\bar{A} > RI, \bar{A}'' \# \$$ ميكرو بوصة $\bar{A}$



تابع اللمسة النهائية للتجويف $\bar{A}$
العيوب الشائعة من اللمسة النهائية الجيدة للتجويف $\bar{A}$
تباعد غير منتظم لحزوز المقطع العرضي $\bar{A}$
الأسباب: تباين معدلات التبادل، وهبوط في الأحجار مع تحميل وهبوط بديل $\bar{A}$
درجة الحجر صعبة للغاية و/أو الحصباء خشنة للغاية $\bar{A}$
التأثير: توزيع رديء للزيت، وعدم انتظام التشغيل، واقتصاد رديء في استهلاك الزيت $\bar{A}$
حزوز المقطع العرضي العميقة والواسعة $\bar{A}$
الأسباب: حصباء الحجر خشنة للغاية، ضغط متزايد على الحجر، وتدهور رديء للحجر، ومادة تشحيم غير كافية $\bar{A}$
التأثير: التسبب في التآكل غير الطبيعي، واستهلاك الزيت الكثير وفترة بدء تشغيل رديئة ومتغير $\bar{A}$
قطع اتجاه واحد $\bar{A}$
الأسباب: اللعب الكثير في مكونات الشح $\bar{A}$
التأثير: التسبب في التآكل السريع، والتركيز الرديء، والدوران الكبير للحلقة، وخفض التحكم في الزيت $\bar{A}$
زاوية مقطع عرضي منخفض $\bar{A}$
الأسباب: معدل تبادل منخفض مقارنة بمعدل عدد اللفات في الدقيقة المستخدم $\bar{A}$
التأثيرات: قوى عالية التأثير تتسبب في تآكل شديد، وتوزيع رديء للزيت، وبطء في التشغيل الأولي للحلقات $\bar{A}$
يتم طي وتجزئة حز الخطوط المتقاطعة $\bar{A}$
الأسباب: حصباء الحجر خشنة للغاية و/أو ناعمة للغاية، مواد التشحيم غير كافية $\bar{A}$
التأثير: يتسبب في الخدش والتآكل الكبير ورفع درجات حرارة الحلقات واستهلاك قدر كبير ومتغير من الزيت $\bar{A}$
هضبة صغيرة جدًا $\bar{A}$
الأسباب: تآكل شديد لحصباء الحجر، وإزالة غير كافية للمخزون في كل قطع $\bar{A}$
التأثير: تآكل شديد للحلقة وارتفاع درجات الحرارة $\bar{A}$
هضبة مزججة $\bar{A}$
الأسباب: ضغط كثيف على الأحجار، وأحجار محملة (بدرجة صعبة للغاية)، ومادة تشحيم غير كافية $\bar{A}$
التأثير: تبطيء التركيز وزيادة في استهلاك الزيت $\bar{A}$
الفراغات الكبيرة في جدار الأسطوانة $\bar{A}$
الأسباب: ضغط كثيف على الأحجار، وأحجار محملة (بدرجة صعبة للغاية)، ومادة تشحيم غير كافية $\bar{A}$
التأثير: زيادة استهلاك الزيت، سرعة التآكل، تقليل التوحيد من محرك إلى محرك $\bar{A}$

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 # " عند قطر الأسطوانة التي يتم تصنيعها للحلقة. تؤدي أي زيادة في قطر الأسطوانة للحلقة المستخدمة، وذلك فيما يتجاوز الحجم المخصص، إلى زيادة قدرها % " تقريباً في فجوة الحلقة بالنسبة لكل زيادة مقدارها # " في قطر الأسطوانة.

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



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.



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

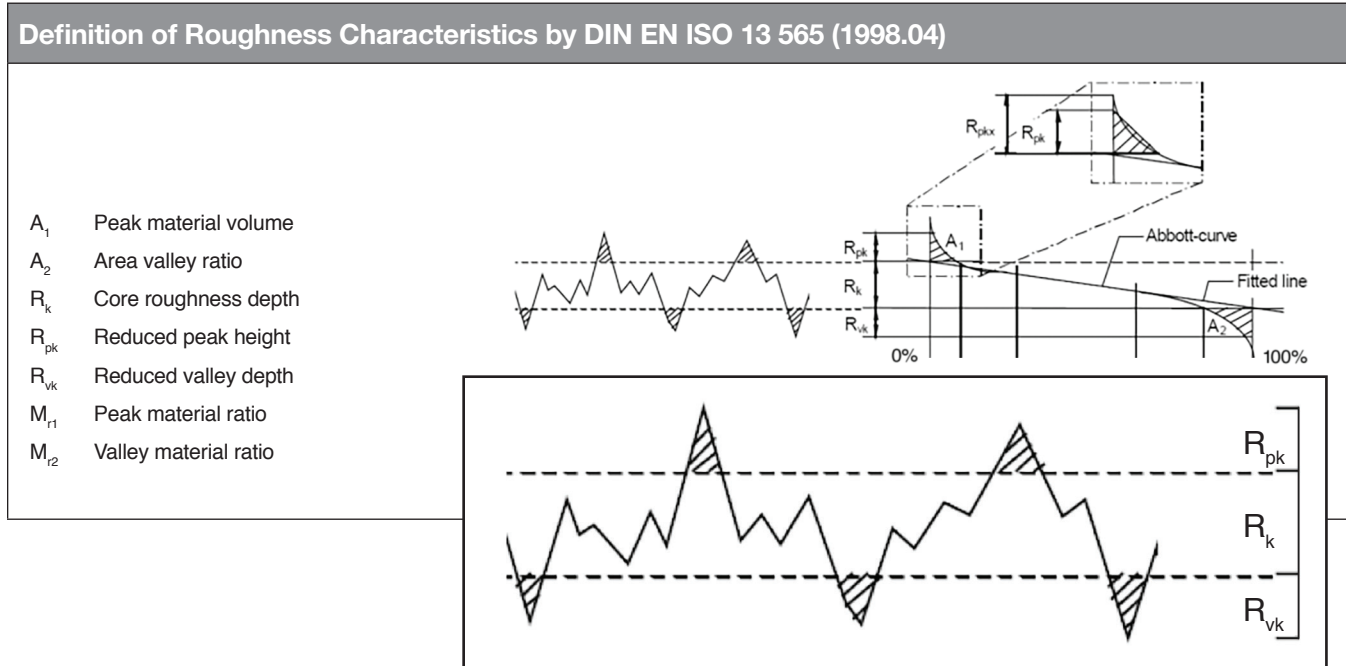
TTF..... FACE CONIQUE À TORSION

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

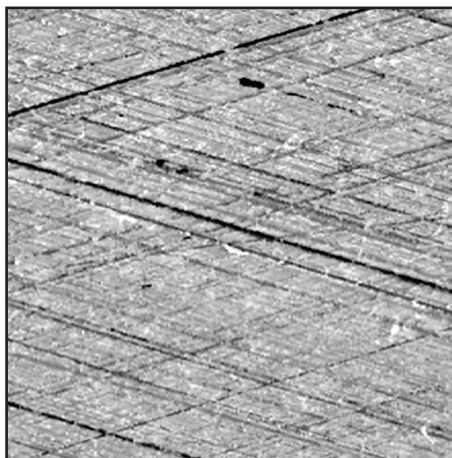
Pro-Stock et NASCAR autorisés :

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

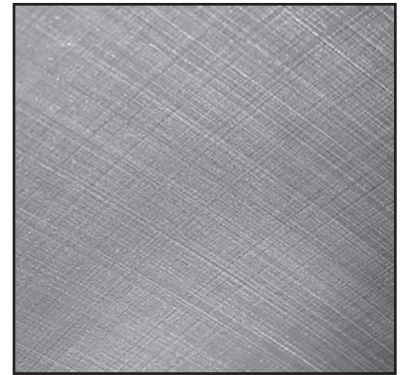
Rétention d'huile (creux dans la surface d'alésage)

- 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 сортамент производимых поршневых колец, компания Hastings производит поршневые кольца для практически любых типов двигателей — легковых, грузовых, мотоциклетных, компрессорных, морских, сельскохозяйственных и гоночных. Работая с производителями по всему миру, компания Hastings проектирует и изготавливает поршневые кольца для наиболее известных и признанных мировых торговых марок.

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

ВАЖНЫЕ АСПЕКТЫ ПРОЦЕССА ВОССТАНОВЛЕНИЯ ДВИГАТЕЛЕЙ

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

МНОЖЕСТВО НЕИСПРАВНОСТЕЙ СЛУЧАЕТСЯ НЕ ПО ВИНЕ МАСТЕРА, ПРОВОДЯЩЕГО ВОССТАНОВЛЕНИЕ

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

ЧТО НЕОБХОДИМО ПОМНИТЬ ПРИ УСТАНОВКЕ ПОРШНЕВЫХ КОЛЕЦ

- Кольца необходимо вставлять перпендикулярно оси отверстия, измеряя зазор щупом
- Отрегулировать зазор можно путем равномерного подпиливания напильником обоих концов кольца
- Для установки кольца на поршень необходимо использовать специальный расширитель, позволяющий избежать деформации кольца — натягивать кольца по спирали не допускается
- Кольца, имеющие направление, устанавливать следует отметкой-точкой вверх (в противном случае возможно подкачивание масла)
- Чтобы избежать попадания расширителя 3-составного 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.

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

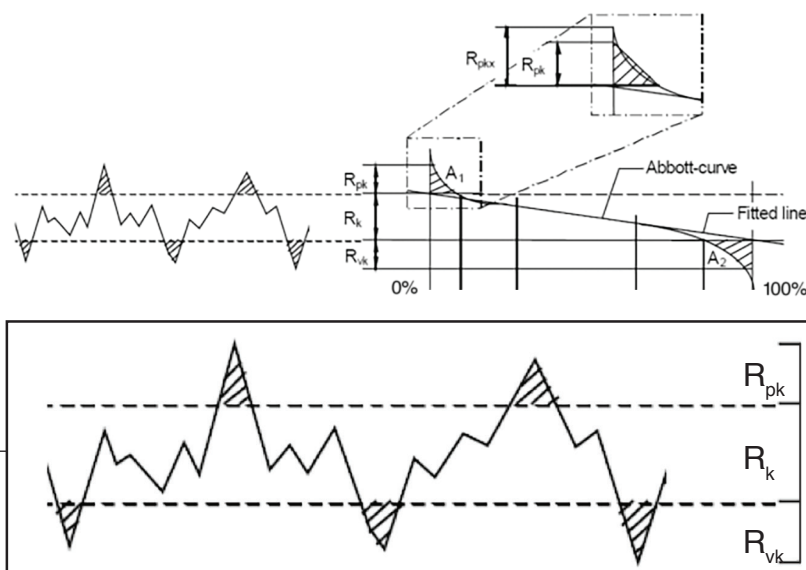
1PCO	1-СОСТАВНОЕ МАСЛОСЪЕМНОЕ	PM	ПЛАЗМЕННОЕ МОЛИБДЕНОВОЕ ПОКРЫТИЕ
2PCO	1-СОСТАВНОЕ МАСЛОСЪЕМНОЕ		
FV	3-СОСТАВНОЕ ЭЛАСТИЧНОЕ С ЗАБОРОМ	RVT	С ВЫТОЧКОЙ НА ВНЕШНЕЙ ЦИЛИНДРИЧЕСКОЙ ПОВЕРХНОСТИ
BF	СКРУГЛЕННАЯ ФАСКА	RVT BF	С ВЫТОЧКОЙ НА ВНЕШНЕЙ ЦИЛИНДРИЧЕСКОЙ ПОВЕРХНОСТИ И ФАСКОЙ
CC	ХРОМИСТАЯ КЕРАМИКА		
CR	ХРОМ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

ШЕРОХОВАТОСТЬ ВНУТРЕННЕЙ ПОВЕРХНОСТИ ЦИЛИНДРА

При обозначении основных параметров шероховатости внутренних поверхностей цилиндров вместо R_a используются значения R_{pk} , R_k и R_{vk} . 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 (R_{pk})

Верхняя часть профиля поверхности изнашивается с большей скоростью, когда двигатель начинает работу.

Основная глубина микронеровностей (R_k)

Поверхность, длительное время подвергавшаяся изнашиванию, профиль которой влияет на рабочие характеристики цилиндра.

Уменьшенная глубина впадин (R_{vk})

Способность поверхности удерживать масло в бороздах, образовавшихся при механической обработке

ПРОФЕССИОНАЛЬНЫЕ РЕКОМЕНДАЦИИ

Общее назначение:

Хорошие эксплуатационные характеристики и долгий срок службы

R_{pk} : 8-12 микродюймов (оптимально <12)

R_k : 25-35 микродюймов (оптимально <25)

R_{vk} : 40-50 микродюймов (оптимально <40)

R_a : 15-20 микродюймов (допускается 12-23)

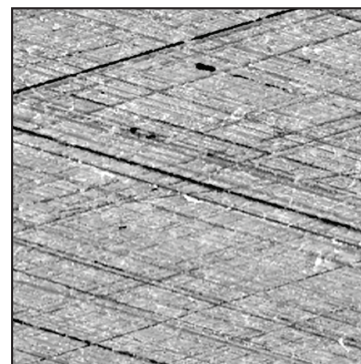
Pro-Stock и NASCAR:

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

R_{pk} : 3-5 микродюймов

R_k : 12-18 микродюймов

R_{vk} : 20-25 микродюймов



СПОСОБНОСТЬ УДЕРЖИВАТЬ МАСЛО И УГОЛ НАСЕЧКИ

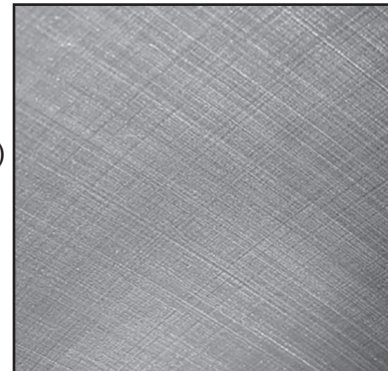
Способность удерживать масло (впадины на внутренней поверхности цилиндра)

- 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
- Kolbenschaaden – Nutschaden, verbeult

VIELE PROBLEME SIND KEINE MECHANIKERFEHLER

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

EMPFEHLUNGEN FÜR DIE KOLBENRINGMONTAGE

- Setzen Sie die Ringe in den Zylinder ein und messen Sie das Stoßspiel mit einer Fühlerlehre
- Stellen Sie das Stoßspiel richtig ein, wenn möglich, mit gleichmäßigem Abstand an beiden Stoßenden
- Benutzen Sie die Kolbenringzange zur Montage der Ringe am Kolben zur Vermeidung bleibender axialer oder radialer Deformationen.
- Montieren Sie die Kolbenringe mit der Markierung (Punkt) nach oben zum Kolbenboden (sonst kann das Öl nicht abgestreift werden)
- Installieren Sie 2,0mm, 3-teilige Ölabstreifringe mit der Kolbenringzange, Punkt nach oben zum Kolbenboden, um ein blockieren der Ölrücklauföcher zu vermeiden.
- Verdrehen Sie die Stoßenden der einzelnen Kolbenringe um 180 Grad zueinander.
- Reinigen Sie alle Ölrücklauföcher 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.



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		

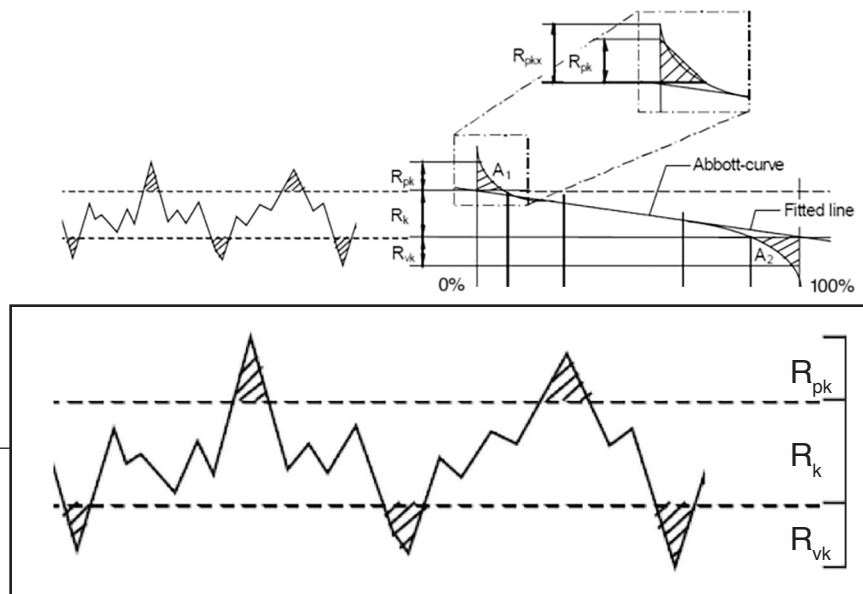
ZYLINDEROBERFLÄCHE

R_{pk} , R_k und R_{vk} ersetzen R_a 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 (R_{pk})

Der obere Teil der Oberfläche, der nach dem Motoreinlauf schnell abgetragen wird.

Kernrautiefe R_k ist die Tiefe des Rauheitskernprofils

Die Langzeitlauffläche, 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

R_{pk} : 8-12 Mikroinch (<12 Optimal))

R_k : 25-35 Mikroinch (25 Optimal)

R_{vk} : 40-50 Mikroinch (40 Optimal)

R_a : 15-20 Mikroinch (12-23 Zulässig)

Pro-Stock & NASCAR:

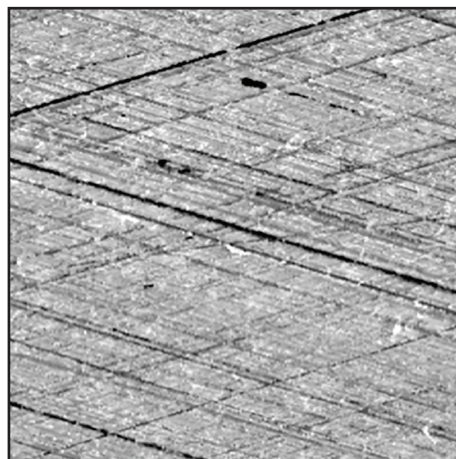
Glattere Oberfläche, kürzere

Lebensdauer aber weniger Reibung

R_{pk} : 3-5 Mikroinch

R_k : 12-18 Mikroinch

R_{vk} : 20-25 Mikroinch



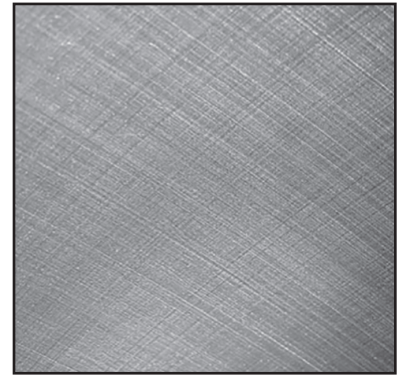
ÖLHAFTUNG UND HONUNGSWINKEL

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 Rennapplikationen 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**
- Korschleifklotz Körnung 800
 - Entfernt Oberflächendefekte
Entfernt Rückstände vom Honen

HONUNG - RENNMOTOREN

Standard Honen

Normales Honen

- EHU412 Körnung 150
 - Intensives Honen
Erzeugt tiefe Riefen
 - 0,05mm mit JHU623 Körnung 280
 - Vorbereitung der Kernrauheit
Regulierung der Riefentiefe
 - 0,008mm mit C30J95 Körnung 500
 - Diese Steine müssen verkürzt werden auf eine Länge von 69,85mm
 - Vorbereitung der Parameter für die Ebenheit:
- 
- Rpk: < 10 Mikrozoll (0,25 Mikrometer)**
Rvk: 18-25 Mikrozoll (0,45÷0,63 Mikrometer)

ENDBEHANDLUNG DURCHFÜHREN

HÄUFIG AUFTRETENDE ABWEICHUNGEN VON EINER GUTEN ZYLINDERÖBERFLÄCHE

unregelmäßige Honspuren

Ursache: Unterschiedliche Hin- und Herbewegungsraten, schlechter Zustand der Honsteine mit falschem Druck, Steine zu Hart und oder Körnung zu grob

Wirkung: Schlechte Ölverteilung, ungleichmäßiger Motorlauf, Ölverbrauch

Breite, tiefe Honspuren

Ursache: Zu grobe Krnung, bermßiger Steindruck, schlechte Honsteine, unzureichende Schmierung

Wirkung: Zu hoher Verschleiß, hoher Ölverbrauch, kurze und ungleichmäßige Motoreinlaufphase

Honspuren nur in eine Richtung

Ursache: Zu großes Spiel in den Honkomponenten

Wirkung: Zu hoher Verschleiß, schlechter Sitz, bermßige Ringrotation, schlechte Schmierung

Kleiner Honungswinkel

Ursache: Zu niedrige Hin- und Herbewegungsrate im Vergleich zur Umdrehung

Wirkung: Hohe Schlagkräfte verursachen einen hohen Verschleiß, schlechte Ölverteilung, langsamerer Einlauf der Kolbenringe

Honspuren kantig und gebrochen

Ursache: Zu grobe Krnung/oder zu weich, unzureichende Schmierung

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

Zu geringe Ebenheit

Ursache: Zu grobe Krnung, unzureichende Abtragsmenge pro Schnitt

Wirkung: Übermäßiger Ringverschleiß, erhöhte Temperaturen

verglaste Oberfläche

Ursache: bermßige Steindrcke, verschlissene Steine (zu hart), unzureichende Schmierung

Wirkung: Verlangsamer Motoreinlauf und erhöhter Ölverbrauch

Übermäßige Hohlräume in der Zylinderwand

Ursache: bermßige Steindrcke, verschlissene Steine (zu hart), unzureichende Schmierung

Wirkung: Erhöhter Ölverbrauch, hoher Verschleiß, reduziert den Gleichlauf des Motors

ÜBERPRÜFUNG DES STOSSSPIELS DER VERDICHTUNGSRINGE

EMPFOHLENE STOSSSPIELWERTE FÜR AUTOMOBIL-VERDICHTUNGSRINGE

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

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.

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
ACURA												
1986-89	1590		1.6 L	4 CYL	D16A1	Integra	75.00 2.953	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
1991-93	1678		1.7 L	4 CYL	B17A1	Integra	81.00 3.189	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
1990-01	1797		1.8 L	4 CYL	B18C1	Integra	81.00 3.189	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
1990-01	1834		1.8 L	4 CYL	B18A1, B18B1, B18C5	Integra	81.00 3.189	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
2013-15	1997		2.0 L	4 CYL	R20A3	ILX	81.00 3.189	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
1998-99	2254		2.3 L	4 CYL	F23A1	CL	86.00 3.386	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
2012-15	2354		2.4 L	4 CYL	K24Z7	ILX Saloon	87.00 3.425	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
2012-15	2354		2.4 L	4 CYL	K24Z3, K24Z7	ILX, TSX V-TEC	87.00 3.425	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
2003-10	2354		2.4 L	4 CYL	K24A2 DOHC	FI TSX	87.00 3.425	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
1991-98	2456		2.5 L	5 CYL	G25A, G25A1, G25A4	TL, Vigor	85.00 3.346	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
1986-87	2494		2.5 L	6 CYL	C25A1	Legend	84.00 3.307	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
1987-97	2675		2.7 L	6 CYL	C27A1	Legend	87.00 3.425	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
1997-98	2977		3.0 L	6 CYL	J30A1	CL	86.00 3.386	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
1991-05	2977		3.0 L	6 CYL	C30A1, C30A	NSX, NSX-T	90.00 3.543	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
ACURA												
1997-05	3179		3.2 L	6 CYL	C32B1	NSX, NSX-T	93.00 3.661	1.20 1.20 2.50	398 BF CR S	2C4781	6	STD
									126 RVT PC GI	2C4781010		0.25
									995 FV CR	2C4781020		0.50
									732 FV CR	2C4781030		0.75
										2C4781040		1.00
									397 BF PM S	2M4781	6	STD
									126 RVT PC GI	2M4781010		0.25
									995 FV CR	2M4781020		0.50
									732 FV CR	2M4781030		0.75
										2M4781040		1.00
1991-98	3206		3.2 L	6 CYL	C32A1, C32A6	Legend, TL	90.00 3.543	1.20 1.20 2.80	398 BF CR S	2C4667	6	STD
									126 RVT PC GI	2C4667020		0.50
									861 FV CR	2C4667030		0.75
									732 FV CR	2C4667040		1.00
1999-08	3210		3.2 L	6 CYL	J32A1, J32A2, J32A3	CL-S, TL, TL-S	89.00 3.504	1.20 1.20 2.80	398 BF CR S	2C4972	6	STD
									126 RVT PC GI	2C4972020		0.50
									997 FV CR	2C4972030		0.75
									732 FV CR	2C4972040		1.00
2001-17	3471		3.5 L	6 CYL	J35A1, J35A3, J35A8 J35Y4, J35Z2 J35Z6, J35A6	MDX, RL, LX, TL, TL-S, RDX, RLX, 212. RDX, TL, TSX	89.00 3.504	1.20 1.20 2.80	398 BF CR S	2C4972	6	STD
									126 RVT PC GI	2C4972020		0.50
									997 FV CR	2C4972030		0.75
									732 FV CR	2C4972040		1.00
1996-04	3474		3.5 L	6 CYL	C35A1	RL	90.00 3.543	1.50 1.20 2.80	335 T PM DI	2M4940	6	STD
									126 RVT PC GI	2M4940020		0.50
									861 FV CR	2M4940030		0.75
									732 FV CR	2M4940040		1.00
ALFA ROMEO												
1972-86	1186		1.2 L	4 CYL	AR 30104	Alfasud TI	80.00 3.150	1.50 1.75 4.00	032 BF PC GI	9519	4	STD
									401 SCRPP PC GI	9519020		0.50
									056 FV CR	9519040		1.00
									732 FV CR			
									362 BF 3CR GI	2C9519	4	STD
									401 SCRPP PC GI	2C9519020		0.50
									056 FV CR	2C9519040		1.00
									732 FV CR	2C9519060		1.50
1979-84	1287		1.3 L	4 CYL	AR 30160, AR 30180	Alfasud	80.00 3.150	1.50 1.75 4.00	032 BF PC GI	9519	4	STD
									401 SCRPP PC GI	9519020		0.50
									056 FV CR	9519040		1.00
									732 FV CR			
									362 BF 3CR GI	2C9519	4	STD
									401 SCRPP PC GI	2C9519020		0.50
									056 FV CR	2C9519040		1.00
									732 FV CR	2C9519060		1.50
1955-70	1290		1.3 L	4 CYL	101	750, B, C, E, Guiletta, Std. Super,Berlina, Sprintti, Guilia 1300	74.00 2.913	2.00 2.00 4.00	102 T PC GI	5988	4	STD
									401 SCRPP PC GI	5988040		1.00
									058 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C5988	4	STD
									401 SCRPP PC GI	2C5988040		1.00
									058 FV CR			
									732 FV CR			
1977-96	1351		1.4 L	4 CYL	AR 33501, AR 31010, AR 30755, AR 30753, AR 30732, AR 30587, AR 30586,AR30502, AR 30168,AR 30164	Alfasud	80.00 3.150	1.50 1.75 4.00	032 BF PC GI	9519	4	STD
									401 SCRPP PC GI	9519020		0.50
									056 FV CR	9519040		1.00
									732 FV CR			
									362 BF 3CR GI	2C9519	4	STD
									401 SCRPP PC GI	2C9519020		0.50
									056 FV CR	2C9519040		1.00
									732 FV CR	2C9519060		1.50
2011-On	1368		1.4 L	4 CYL	199 A1.000, 350 A1.000 Euro4/5, 955 A9.000	Mito 1.4	72.00 2.835	1.00 1.20 2.00	326 TBF GN SS	2N4104	4	STD
									406 N PC DI	2N410420		0.20
									248 CF CR	2N410440		0.40
									881 2PCO	2N410460		0.60

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
ALFA ROMEO												
1979-93	1490		1.5 L	4 CYL	AR 30124, AR 30128, AR 30128, AR 30146, AR 30182, AR 30184, AR 30504, AR 30508, AR 30514, AR 30520	Alfasud, Sprint & Super, 33, 33 Sportwagon	84.00 3.307	1.50 1.75 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	4250	4	STD
1964-90	1567		1.6 L	4 CYL	AR 00526, AR 00536, AR 01600, AR 06100	Giulia, Giulia GT, Alfetta, Spider 1600, 75	78.00 3.071	1.50 1.75 4.00	362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C9520	4	STD
1985-92	1597		1.6 L	4 CYL	AR61101 Replacement Piston w/3.5mm oil ring	75	78.00 3.071	1.50 1.75 3.50	327 BF PM GI 401 SCRPP PC GI 058 FV CR 732 FV CR	2M5026	4	STD
1967-92	1779		1.8 L	4 CYL	AR 00548, AR 01608, AR 01608 X, AR 01678 AR 06168, AR 06202, AR 61102, AR 61201	1750 GT, Alfetta, 75	80.00 3.150	1.50 1.75 3.50	362 BF 3CR GI 401 SCRPP PC GI 055 FV CR 732 FV CR	2C4291	4	STD
1986-90	1779		1.8 L	4 CYL	VM82A, VM96A	TD 33 Turbo Diesel	92.00 3.622	2.50 2.00 4.00	225 FKST CR DI 210 SCRPP TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
1967-77	1779		1.8 L	4 CYL	501, 501.41	1750GT, Alfetta, Spider, Veloce	80.00 3.150	1.50 1.75 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	9519 9519020 9519040 2C9519 2C9519020 2C9519040 2C9519060	4 4	STD 0.50 1.00 STD 0.50 1.00 1.50
2000-10	1910		1.9 L	4 CYL	AR 37101, 937 A2.000	JTD Turbo Diesel	82.00 3.228	2.50 2.00 2.00	217 BF CR DI 210 SCRPP TF PC DI 248 CF CR 881 2PCO	2C7340	1	STD
1998-01	1910		1.9 L	4 CYL	AR 32302	JTD Turbo Diesel	82.00 3.228	3.00 2.00 3.00	221 FKST CC DI 210 SCRPP TF PC DI 204 CF CR DI 881 2PCO	2D7355	1	STD
2000-11	1910		1.9 L	4 CYL	182 B9.000 (Euro 3)	JTD, JTDM Diesel Eng.	82.00	2.00 2.00 2.00	376 BF CR DI 414 TFN GI 553 2PCO CR GI	2D7097	1	STD
2000-12	1910		1.9 L	4 CYL	192 A5.000, 192 B1.000 937 A4.000, 937 A5.000, 937 A6.000, 939 A2.000 AR 37101, 937 A2.000	JTD, JTD 16V, JTDM 16V JTDM 16V Q4 Turbo Diesel	82.00 3.228	2.00 2.00 2.00	205 BF CR DI 214 RVL PC DI 248 CF CR 881 2PCO	2D7366 2D736640 2D736660	1	STD 0.40 0.60
2009-On	1956		2.0 L	4 CYL	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	159, Brera, Giulietta Diesel Eng Turbo Intercooled	83.00 3.268	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
1972-82	1962		2.0 L	4 CYL	115	Alfetta, Alfetta GTV Berlina, GTV, Spider	84.00 3.307	1.50 1.75 4.50	102 T 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	4280	4	STD
1989-96	1962		1.8 L	4 CYL	AR 67102, AR 67101	75 1.8, 155 2.0 T.S.	84.00 3.307	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
1985-93			2.0 L	4 CYL	AR 01588, AR 06166, AR 06224, AR 06416, AR 06420, AR 67201,	Spider 2000, 75 2.0T.S., 164 2.0 T.S.	84.00 3.307	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE	
ALFA ROMEO													
1992-98			2.0 L	4 CYL	AR 64103	155 2.0 T.S.,164 2.0 T.S.	84.00 3.307	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	
2000-08	2387		2.4 L	5 CYL	839.A600, AR 36202, 841 C.000	JTD Turbo Diesel	82.00 3.228	2.50 2.00 2.00	217 BF CR DI 210 SCRPF TF PC DI 248 CF CR 881 2PCO	2C7340	1	STD	
1998-00	2387		2.4 L	5 CYL	AR 34202, AR 32501	JTD Turbo Diesel	82.00 3.228	3.00 2.00 3.00	221 FKST CC DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2D7355	1	STD	
2001-12	2387		2.4 L	5 CYL	939 A3.000, 841 N.000, 841 M.000, 841 H.000, 841 G.000, 839 A6.000, AR 36202, 841 C.000,	JTD, JTDM, JTDM 20V, Brera Spider Turbo Diesel	82.00 3.228	2.00 2.00 2.00	205 BF CR DI 214 RVL PC DI 248 CF CR 881 2PCO	2D7366 2D736640 2D736660	1	STD 0.40 0.60	
1983-92	2393		2.4 L	4 CYL	VM14HT, VM81A	TD Alfetta, 75, 90 Turbo Diesel	92.00 3.622	2.50 2.00 4.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD	
1978-86	2445		2.5 L	4 CYL	8140.61.200, 8144.61, 8144.61.200	AR 8 Box,AR 8 Platform, AR 6 Box,AR 8 Furgone Diesel Eng	93.00 3.661	3.00 2.00 4.00	376 BF CR DI 401 SCRPF PC GI 200 CF PC GI 881 2PCO	2D9384	4	STD	
1992-97	2492		2.5 L	6 CYL	AR67303	155 V-6	88.00 3.464	1.50 1.75 4.00	362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C4290	6	STD	
1987-99	2500		2.5 L	4 CYL	VM07B, VM08B, VM31B, VM32B, VM84A	TD 155, 164 Turbo Diesel	92.00 3.622	2.50 2.00 4.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD	
1987-92	2959		3.0 L	6 CYL	AR 06120, AR 06124, AR06410, AR 61503, AR 64301	V-6 75, 164, Milano	93.00 3.661	1.50 1.50 3.50	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	4746 4746020 4746030 4746040 2M4746 2M4746020 2M4746030 2M4746040	6 0.50 0.75 1.00 6 0.50 0.75 1.00	STD STD STD STD STD STD STD STD	
ALLIS CHALMERS													
			4 CYL		N62 Eng. G	Continental Eng.	2	3/8	3/32 3/32 3/16	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	4	STD STD 0.75
			4 CYL		B, IB, PWR, B15, FC, FT20,FT25, FTP20, FTP30	Waukesha Eng.	3	1/4	1/8 1/8 3/16	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	5060 5060020 5060030 5060060 2C5060	4	STD 0.50 1.50 1.50 STD
			4 CYL	138		B, B15, B125, C, CA, D10, D12, IB, RC, Combine 60, G138	3	3/8	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7762	4	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
ALLIS CHALMERS												
				4 CYL	B, IB, G153 Permite SlvKit #CSA273		3	7/16	1/8 1/8 1/8 3/16 860 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	4	STD 1.50
				6 CYL	WD45	Diesel Eng	3	7/16	1/8 1/8 1/8 3/16 3/16 501 1PCO PC GI 825 2PCO 501 1PCO PC GI	2C5102	6	STD
				4 CYL	B, C, CA, R & 138 Allied Kit #WSA494 Ertel Slv Kit #SA201 Genuine Parts #S159 McQuay Norris#SA197 Perfect Circle #WSA494		3	7/16	3/32 3/32 3/32 3/16 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7705	4	STD
				4 CYL	G149	D 10, D12 SERIES II, III S/N 3501-ON D14, D15G, H3, I40, I400, 1400 D14 10, 66,90, 72	3	1/2	1/8 1/8 1/8 3/16 860 FV CR 732 FV CR	2C5117	4	STD
				6 CYL	G246, G262	D19, TL14 C, CB, CH, CR, CT, C11, F, G	3	9/16	1/8 1/8 1/8 3/16 860 FV CR 732 FV CR	2C468	6	STD
				6 CYL	D262, D262T D262 D262	Diesel D17 SERIES III, IV, D19 Diesel A, B, R S/N 119460-on Diesel DD, TL10D, 12D	3	9/16	3/32 3/32 3/32 3/16 501 1PCO PC GI 825 2PCO 501 1PCO PC GI	2C7136	6	STD
				6 CYL	D262 DA262D DA262	Diesel D17D, D17D Series IV Diesel A, B, R To S/N 119460 Diesel DD; TL10D 12D	3	9/16	1/8 1/8 1/8 3/16 501 1PCO PC GI 825 2PCO 501 1PCO PC GI	2C7513	6	STD
				4 CYL	G160 Gas or LPG Eng.	D15 Series II S/N 9001-on H3, I60G, I600G, G160	3	5/8	3/32 3/32 3/32 3/16 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7593	4	STD
				6 CYL	G2500	One-Eighty	3	3/4	3/32 3/32 3/32 3/16 860 FV CR 732 FV CR	2C7702	6	STD
				6 CYL	G2800	Gas or LPG One-Ninety XT TL545 GAS	3	7/8	3/32 3/32 3/32 3/16 860 FV CR 732 FV CR	2C7703	6	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
ALLIS CHALMERS												
				4 CYL	D2200	Diesel	3.877	3/32 3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7125	4	STD
				6 CYL	D2800 D2900 301 D2900 Sleeved Eng.	ONE-Eighty, One Ninety One-Ninety XT Turbo 7000 Turbo TL545, 545D, 545H Diesel Eng.	3.877	3/32 3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7174	6	STD
				4 CYL	4.236	Perkins Diesel One-Seventy	3.877	3/32 3/32 3/32 1/4 1/4	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
				4 CYL	G226, W25, W45, W201, W226 GAS or LPG	One-Seventy, D17 III, IV Piston#226347 SUPER 100 TL10, 11, 12, D, DG	4.000	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C702	4	STD
				4 CYL	W White Machine Piston #A1070 Sleeved Eng.		4 1/8	3/32 1/8 1/8 3/16	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7553	4	STD
				4 CYL	W Genuine Slv Kit #S155, 156, 157; SA377, 379		4 1/8	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7580	4	STD
				4 CYL	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 1/8	3/32 3/32 1/8 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7794	4	STD
AMERICAN MOTORS												
1983-87	1393	85	1.4 L	4 CYL		Alliance	76.00 2.992	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 4 STD 0.25 0.50 1.00
1986-88	1721	105	1.7 L	4 CYL		Alliance	81.00 3.189	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	STD 0.50 0.75 1.00 1.50 4 STD 0.25 0.50 0.75 1.00

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
AMERICAN MOTORS												
1977-79	2000	121	2.0 L	4 CYL			86.50 3.406	2.00 2.50 5.00	032 BF PC GI	4466	4	STD
									126 RVT PC GI	4466020		0.50
									871 FV CR	4466040		1.00
									732 FV CR	4466060		1.50
									362 BF 3CR GI	2C4466	4	STD
									126 RVT PC GI	2C4466010		0.25
									871 FV CR	2C4466020		0.50
									732 FV CR	2C4466040		1.00
										2C4466060		1.50
1988-89	2200	135	2.2 L	4 CYL		88.00 3.464	1.75 2.00 4.00	327 BF PM GI	2M4455	4	STD	
								126 RVT PC GI	2M4455010		0.25	
								872 FV CR	2M4455020		0.50	
								732 FV CR	2M4455030		0.75	
									2M4455040		1.00	
1983-92	2458	150	2.5 L	4 CYL		3	7/8	5/64	032 BF PC GI	665	4	STD
								5/64	126 RVT PC GI	665010		0.25
								3/16	860 FV CR	665020		0.50
									732 FV CR	665030		0.75
										665040		1.00
										665060		1.50
									362 BF 3CR GI	2C665	4	STD
									126 RVT PC GI	2C665010		0.25
									860 FV CR	2C665020		0.50
									732 FV CR	2C665030		0.75
										2C665040		1.00
										2C665060		1.50
									327 BF PM GI	2M665	4	STD
									126 RVT PC GI	2M665010		0.25
									860 FV CR	2M665020		0.50
									732 FV CR	2M665030		0.75
										2M665040		1.00
										2M665060		1.50
										2M665080		2.00
								1982-88	2474	151	2.5 L	4 CYL
126 RVT PC GI	4366020		0.50									
860 FV CR	4366030		0.75									
732 FV CR	4366040		1.00									
	4366060		1.50									
	362 BF 3CR GI	2C4366	4	STD								
	126 RVT PC GI	2C4366020		0.50								
	860 FV CR	2C4366030		0.75								
	732 FV CR	2C4366040		1.00								
		2C4366060		1.50								
	327 BF PM GI	2M4366	4	STD								
	126 RVT PC GI	2M4366020		0.50								
	860 FV CR	2M4366030		0.75								
	732 FV CR	2M4366040		1.00								
		2M4366060		1.50								
1980	2474	151	2.5 L	4 CYL	Deep Oil Ring Grv.	4.000	5/64 5/64 3/16	032 BF PC GI	5570	4	STD	
								126 RVT PC GI	5570020		0.50	
								860 FV CR	5570030		0.75	
								732 FV CR	5570040		1.00	
									5570060		1.50	
									362 BF 3CR GI	2C5570	4	STD
									126 RVT PC GI	2C5570020		0.50
									860 FV CR	2C5570030		0.75
									732 FV CR	2C5570040		1.00
										2C5570060		1.50
									397 BF PM S	2M5570	4	STD
									126 RVT PC GI	2M5570020		0.50
									860 FV CR	2M5570030		0.75
									732 FV CR	2M5570040		1.00
										2M5570060		1.50
		2M5570065		1.63								

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
AMERICAN MOTORS												
1980-81	2474	151	2.5 L	4 CYL		Shallow Oil Ring Grv.	4.000	5/64 5/64 3/16	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 4	STD 0.50 0.75 1.00 STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00
1982-88	2474	151	2.5 L	4 CYL		Shallow Oil Ring Grv.	4.000	1/16 5/64 3/16	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
1957-63	3195	195	3.2 L	6 CYL	L-Head & OHV	5710, 5810, Rambler 5910, American 5800, 5902, 5904-1, 5906, 5906-1	3	1/8 3/32 3/32 3/16	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	680 680020 680030 680040 680060 2C680 2C680020 2C680030 2C680040	6 6	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00
1963-65			3.2 L	6 CYL		220, 330, 440, 440H	3	1/8 5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 871 FV CR 732 FV CR	690 690040 690060	6	STD 1.00 1.50
1964-70	3261	199	3.3 L	6 CYL	Vin: A, B, E, J, P	Ambassador, Classic, Gremlin, Hornet, Marlin, Rambler, Rebel	3	3/4 5/64 5/64 3/16	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 6	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
AMERICAN MOTORS												
1964-83	3802	232	3.8 L	6 CYL	Vin: B, C, E, F, G, L, M, P, Q, S, T, V, W	Ambassador, American, Classic, Concord, Hornet, Javelin, Marlin, Metador, Pacer, Rambler, Rebel, Spirit	3	3/4	5/64 5/64 3/16	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
1986-89	3966	242	4.0 L	6 CYL			3	7/8	5/64 5/64 3/16	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
1956-62	4097	250	4.1 L	8 CYL		Rambler Rebel 5720, 5820, 5920	3	1/2	5/64 5/64 3/16	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
1971-89	4228	258	4.2 L	6 CYL			3	3/4	5/64 5/64 3/16	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
AMERICAN MOTORS												
1963-66	4703	287	4.7 L	8 CYL			3	3/4	5/64 5/64 3/16	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
1966-69	4752	290	4.8 L	8 CYL			3	3/4	5/64 5/64 3/16	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
1970-79	4982	304	5.0 L	8 CYL			3	3/4	5/64 5/64 3/16	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
AMERICAN MOTORS												
1957-66	5359	327	5.4 L	8 CYL		Rebel 5730, Rambler Ambassador	4.000	5/64 5/64 3/16	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
1967-69	5621	343	5.6 L	8 CYL			4.080	5/64 5/64 3/16	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
1970-79	5899	360	5.9 L	8 CYL			4.080	5/64 5/64 3/16	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
1968-70	6391	390	6.4 L	8 CYL			4.165	5/64 5/64 3/16	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
1971-74	6571	401	6.6 L	8 CYL		Performance Eng.	4.165	1/16 1/16 3/16	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
AMERICAN MOTORS												
1971-76	6571	401	6.6 L	8 CYL			4.165	5/64 5/64 3/16	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 2M672040	8	STD 0.75 1.00 STD STD 0.75 1.00
AUDI												
			4 CYL			60, 72, 80 Valiant	80.00 3.150	2.00 2.50 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	6113 2C6113	4	STD STD
2015-On	999		1.0 L	3 CYL	CHZB, CHZD, CHZE	A1, A3	74.50 2.933	1.20 1.20 2.00	322 BF GN SS 275 TF CR DI 990N FV GN 714 GN SS	2N5312	1	STD
1987-On	1043		1.0 L	4 CYL		80, G40	75.00 2.953	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
1974-80	1093		1.1 L	4 CYL	HB, HC, HD	1000, 50GL, 50LS	69.50 2.736	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
1974-80	1093		1.1 L	4 CYL	HB, HC, HD	1000, 50GL, 50LS	69.50 2.736	1.75 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	6192 6192020 6192040 2C6192 2C6192010 2C6192020 2C6192030 2C6192040	4	STD 0.50 1.00 STD 0.25 0.50 0.75 1.00
2010-18	1197		1.2 L	4 CYL	CBZA, CBZB, CJZA	A1, A3	71.00 2.795	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
1972-79	1297		1.3 L	4 CYL	ZA, ZF	80	75.00 2.953	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	4360 4360020 4360040 2C4360 2C4360010 2C4360020 2C4360030 2C4360040	4	STD 0.50 1.00 STD 0.25 0.50 0.75 1.00
1978-88	1297		1.3 L	4 CYL	EP	80, 80L	75.00 2.953	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	4693 4693020 4693030 4693040 2C4693 2C4693020 2C4693030 2C4693040	4	STD 0.50 0.75 1.00 STD 0.50 0.75 1.00

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
AUDI												
2011-on	1390		1.4 L	4 CYL	BLG, BMY, BMY,CAVA CAVB, CAVC, CAVD, CAVE, CNWA, CNWB CTHA, CTHE	A1 1.4 TFSI Turbo Intercooled	76.50 3.012	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
2012 On	1395		1.4 L	4 CYL	CMBA, CPTA, CPWA, CXSA, CXSB, CZCA, CZDA, CZE	A1, A3, Q2, Q3 EA211	74.50 2.933	1.20 1.20 2.00	322 BF GN SS 275 TF CR DI 990N FV GN 714 GN SS	2N5312	1	STD
2006-13	1390		1.4 L	4 CYL	CAXA, CAXC, CMSA, CNVA	TFSI TURBO A1, A3	76.50 3.012	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C5438 2C543850	4	STD 0.50
									322 BF GN SS 126 RVT PC GI 993 FV CR 005 FV CR	2N5438 2N543825 2N543850	4	STD 0.25 0.50
2000-05	1422		1.4 L	3 CYL	AMF, ATL, BHC	A2 TDI Diesel	79.50 3.130	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
1972-80	1471		1.5 L	4 CYL		Fox, 80GL	76.50 3.012	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
1973-75	1588		1.6 L	4 CYL		Fox 80GT, 100L	79.50 3.130	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
	1588		1.6 L	4 CYL		A4	81.00 3.189	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
1975-80	1588		1.6 L	4 CYL	049	4000, FOX	79.50 3.130	1.75 2.50 5.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6118 6118020 6118030 6118040	4	STD 0.50 0.75 1.00
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6118 2C6118020 2C6118040	4	STD 0.50 1.00
1978-91	1588		1.6 L	5 CYL	CR, CY, JK RA, SB	4000D Turbo Diesel	76.50 3.012	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
1994-12	1595		1.6 L	4 CYL	ALZ, ANA, AVU, BFQ, BGU, BSE, BSF, CCSA	A3, A4	81.00 3.189	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
AUDI												
1979-96	1595		1.6 L	4 CYL	ABM, ADA, DT, DTA, JU, PP, RN, SA	80	81.00 3.189	1.50 1.75 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	4341 4341010 4341020 4341030 4341040	4	STD 0.25 0.50 0.75 1.00
									362 BF 3CR GI 126 RVT PC GI 054 FV CR 732 FV CR	2C4341 2C4341010 2C4341020 2C4341030 2C4341040	4	STD 0.25 0.50 0.75 1.00
									335 T PM DI 126 RVT PC GI 054 FV CR 732 FV CR	2M4341 2M4341010 2M4341020 2M4341030 2M4341040	4	STD 0.25 0.50 0.75 1.00
2004-08	1598		1.6 L	4 CYL	BAG, BLF, BLP	FSI A3	76.50 3.012	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C5438 2C543850	4	STD 0.50
									322 BF GN SS 126 RVT PC GI 993 FV CR 005 FV CR	2N5438 2N543825 2N543850	4	STD 0.25 0.50
1995-09	1781		1.8 L	4 CYL	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	A3, A4, A6, TT Turbo A3, S3, TT Quattro	81.00 3.189	1.50 1.75 2.00	032 BF PC GI 126 RVT PC GI 993 FV CR 005 FV CR	4923 4923020	4	STD 0.50
									335 T PM DI 126 RVT PC GI 993 FV CR 005 FV CR	2M4923 2M4923020 2M4923030 2M4923040	4	STD 0.50 0.75 1.00
1983-92	1781		1.8 L	4 CYL	DR, JN, MG, RU, SF	80, 100, Quattro, Coupe	81.00 3.189	1.50 1.75 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	4341 4341010 4341020 4341030 4341040	4	STD 0.25 0.50 0.75 1.00
									362 BF 3CR GI 126 RVT PC GI 054 FV CR 732 FV CR	2C4341 2C4341010 2C4341020 2C4341030 2C4341040	4	STD 0.25 0.50 0.75 1.00
									335 T PM DI 126 RVT PC GI 054 FV CR 732 FV CR	2M4341 2M4341010 2M4341020 2M4341030 2M4341040	4	STD 0.25 0.50 0.75 1.00
2005-15	1798		1.8 L	4 CYL	CDAA, CDHA, CDHB, CJEB, CJS, CJSB,	TSI	82.50 3.248	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
1989-10	1896		1.9 L	4 CYL	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	A3, A4, A6, Avant, Quattro, Sportback Diesel	79.50 3.130	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
AUDI												
1980-84	1921		1.9 L	4 CYL	WH, WN	80, 100 Avant	79.50 3.130	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
1980-84	1921		1.9 L	4 CYL	WH, WN	80, 100 Avant	79.50 3.130	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
2003-07	1968		2.0 L	4 CYL	BDK, BLB, BMM, BNA BPW, BRD, BVA, BVF, BVG	A3, A4 SOHC TDi Turbo Diesel	81.00 3.189	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
2012-on	1968		2.0 L		CRBC, CRLB, CRBD, CRFA, CRFC, CUNA	A3 Tdi Turbo Diesel	81.00 3.189	1.75 2.00 2.00	363 BF CR GI 130 RVT PC GI 203 CF GN SS 881 2PCO	2C7487	1	STD
1977-80	1984		2.0 L	4 CYL	WA	100, 100 Avant	86.50 3.405	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
2005-12	1984		2.0 L	4 CYL	AAD, ABA, ABK, ADY DOHC	A4, A5, Q5	82.50 3.248	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
	1984		2.0 L	4 CYL	CDN DOHC	L4 Turbo	82.50 3.248	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
2003-10	1984		2.0 L	4 CYL	ALT, AWA, AWX, AXX, BBJ, BLR, BLX, BLY, BMB, BPJ, BPY, BVY, BVZ, BWA, BYK	A3, A4, A6	82.50 3.248	1.20 1.50 2.00	322 BF GN SS 406 N PC DI 248 CF CR 881 2PCO	2N4144	1	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
AUDI												
2005-15	1984		2.0 L	4 CYL	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 CYNB,CYPA, CYPB	TSI	82.50 3.248	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
1978-90	1986		2.0 L	5 CYL	CN	100 Diesel	76.50 3.012	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
1978-89	1986		2.0 L	5 CYL	DE, NC	4000D Turbo Diesel	76.50 3.012	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
1984-92	1994		2.0 L	5 CYL	HP, JS, KP, PS, RT, SK, SL	20L 90, Quattro, Coupe	81.00 3.189	1.50 1.70 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
1977-84	2144		2.1 L	5 CYL	KE,KF, KK, KL, WB, WC, WD, WE,WG	80 quattro,Coupe 2.1GT, 100 Avant	79.50 3.130	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
1982-92	2226		2.2 L	5 CYL	1B, 2B, HX, HY, JT, KM, KU,KZ, MC, RR,KV, KX,	80, 90, 100, 200, Avant, Quattro	81.00 3.189	1.50 1.70 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
1988-91	2309		2.3 L	5 CYL	7A	90, Coupe, Quattro w/1.2mm top grv.	82.50 3.248	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
1988-91	2309		2.3 L	5 CYL	7A	90, Coupe, Quattro w/1.5mm top grv.	82.50 3.248	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
1989-94	2370		2.4 L	5 CYL	3D, AAS	100, Avant, Transporter Diesel	79.50 3.130	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
2004-08	2393		2.4 L	6 CYL	BDW	A6, A6 Avant	81.00 3.189	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
1997-03	2400		2.4 L	6 CYL	BDV, AML, AGA, AJG, APC, APS, ASM, ARN AMM, ALW, ALF	A4, A6 Turbo Diesel	81.00 3.189	1.50 1.50 2.00	327 BF PM GI 401 SCRPP PC GI 203 CF GN SS 881 2PCO	2D5020	6	STD
1990-97	2461		2.5 L	5 CYL	AAT, ABP, AEL	TDi Avant, Estate Turbo Diesel	81.00 3.189	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
2000-06	2496		2.5 L	6 CYL	BCZ, BDG, BDH, BFC DOHC TDi	Turbo Diesel	78.30 3.083	1.75 2.00 3.00	205 BF CR DI 214 RVT PC DI 204 CF CR DI 881 2PCO	2D7284	1	STD
2007-On	2698		2.7 L	6 CYL	CAMA, CAMB, CANA CANB, CANC, CAPA CGKA, CGKB	A4, A5, A6 Turbo Diesel	83.00 3.268	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
2000-05	2700		2.7 L	6 CYL	APB, BEL	A6 Quattro incl. turbo	81.00 3.189	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
1996-03	2771		2.8 L	6 CYL	AVK, BGN, ATQ, AHA	Cabriolet, Quattro	82.50 3.248	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
AUDI												
2005-12	2967		3.0 L	6 CYL	CAND, CASB, CATA, CDYB DOHC	A6, Q7 Diesel Eng	83.00 3.268	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
2007-11	2967		3.0 L	6 CYL	CAPA, CASA, CCLA CCMA, CCWA, CCWB CDYA, CDYC	A4, A5, Q5, Q7 Turbo Diesel	83.00 3.268	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
2005-10	2976		3.0 L	6 CYL	ASN	A4, A6, A8	82.50 3.248	1.20 1.50 2.00	322 BF GN SS 406 N PC DI 248 CF CR 881 2PCO	2N4144	1	STD
2001-06	3000		3.0 L	6 CYL			82.50 3.248	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
2006-10	3597		3.6 L	6 CYL	BHK	Q7	89.00 3.504	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 991 FV CR 005 FV CR	2C4204	6	STD
AUSTIN ROVER												
1968-On	998		1.0 L	4 CYL		Metro L, H, LE 1000 Mini 1000, MKII	2.542	1/16 1/16 1/16 5/32	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
1968-80	998		1.0 L	4 CYL	99H	Austin Mini Cooper	2.542	1/16 1/16 1/16 1/8	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
									362 BF 3CR GI 032 BF PC GI 401 SCRPP PC GI 710 FV CR 732 FV CR	2C6742 2C6742010 2C6742020 2C6742030 2C6742040 2C6742060	4	STD 0.25 0.50 0.75 1.00 1.50
1963-70	1098		1.1 L	4 CYL	ADO16, 10F	Healy Sprite MK III, Mark II, 1100	2.542	1/16 1/16 1/16 1/8	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
									362 BF 3CR GI 032 BF PC GI 401 SCRPP PC GI 710 FV CR 732 FV CR	2C6742 2C6742010 2C6742020 2C6742030 2C6742040 2C6742060	4	STD 0.25 0.50 0.75 1.00 1.50
1980-On	1275		1.3 L	4 CYL		Metro, MG Turbo, Allegro, Morris Ital., HL/HLS	2.780	1/16 1/16 5/32	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
1960-80	1275		1.3 L	4 CYL	12G, 12Y	Midget, MK III, Morris, Healy Sprite, Mark IV	2.780	1/16 1/16 1/16 5/32	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
									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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
AUSTIN ROVER												
1972-76	1798		1.8 L	4 CYL	18V	Austin Marina GT, MG MGB, MGB/GT, 1800 MKII, III	3.160	1/16 1/16 5/32	102 T PC GI 102 T PC GI 056 FV CR 732 FV CR	9526 9526030 9526040	4	STD 0.75 1.00
1964-On	1798		1.8 L	4 CYL	18G, ADO17	1800 Mark I & II, MG MGB	3.160	1/16 1/16 1/16 5/32	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
1964-73	1798		1.8 L	4 CYL		Marina, GT 1800 Mark I & II Mark II S	3.160	1/16 1/16 1/16 5/32	102 T PC GI 102 T PC GI 102 T PC GI 056 FV CR 732 FV CR	6738 6738030	4	STD 0.75
BENDIX												
				2 CYL		U 7 1/4 cu. ft. 2UE, TU-FLO 400 w/o Oil Ring	2	1/16 1/8 1/8 1/8	401 SCRP PC GI 401 SCRP PC GI 401 SCRP PC GI 401 SCRP PC GI	8266 8266010 8266020 8266030	2	STD 0.25 0.50 0.75
				2 CYL		12 cu. ft. Type E	2	1/2 1/8 1/8 1/8 1/8	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 CYL		TU-FLO 500, 17L2, F12, Type E w/o oil rings	2	1/2 3/32 1/8 3/32 1/8	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 CYL		TU-FLO 501	2	5/8 3/32 3/16	126 RVT PC GI 126 RVT PC GI 871 FV CR 732 FV CR	4457 4457020 4457030	2	STD 0.50 0.75
				2 CYL		TU-FLO 501 5 Ring Piston	2	5/8 3/32 3/16 3/32 3/16	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 CYL		TU-FLO 501	2	5/8 3/32 3/16 3/16 3/16	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 CYL		TU-FLO 501, 16.2, L2 w/cast oil ring	2	5/8 3/32 3/16	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 CYL		TU-FLO 600, TU-FLO 700 3 Ring Piston	2	3/4 3/32 3/16	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 CYL		TU-FLO 600, TU-FLO 700 5 Ring Piston	2	3/4 3/32 3/32 3/32 3/16 3/16	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 CYL		TU-FLO 550, TU-FLO 750	2.780	3/32 3/32 3/16 3/32 3/16	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 CYL		Model 159	75.00 2.953	2.00 2.00 4.00	102 T PC GI 401 SCRP PC GI 058 FV CR 732 FV CR	5030	1	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
BENDIX												
				1 CYL		TU-FLO 850	80.00 3.150	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 CYL		Model 190	80.00 3.150	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												
2003-06	1364		1.4 L	4 CYL	1ND, 1ND-TV	Mini One D Diesel Eng	73.00 2.874	1.50 1.50 3.00	239 BF CC DI 218 TF PC DI 204 CF CR DI 881 2PCO	2D5856	1	STD
1987-93	1596		1.6 L	4 CYL	M43B16	E36, 316i w/1.5mm top grv.	84.00 3.307	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
1987-94	1596		1.6 L	4 CYL	M40 B16, M40 B16C	316i	84.00 3.307	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
2001-07	1598		1.6 L	4 CYL	W10B16A	MINI (R50, R53) One MINI (R50, R53) Cooper MINI Convertible (R52) One, (R52) Cooper	77.00 3.031	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
2006-16	1598		1.6 L	4 CYL	N12 B16A, N14 B16A, N18B16A N13B16A	MINI Cooper R55, R56, R59, R60 114i, 116i, 118i, 316i, 320i	77.00 3.031	1.20 1.50 2.00	398 BF CR S 401 SCRPP PC GI 993 FV CR 005 FV CR	2C4181	4	STD
2007-11	1599		1.6 L	4 CYL	N43 B16A, N52 B25	116i	82.00 3.228	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 993 FV CR S 005 FV CR	2C4108	6	STD
									322 BF GN SS 406 N PC DI 987 FV GN SS 714 GN SS	2N4108 2N410825 2N410850	1	STD 0.25 0.50
1969-90	1766		1.8 L	4 CYL	M10 B18	316, 318, 318i, 518, 518i, 1500-2000 1800, 1500-2000	89.00 3.504	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
1987-90	1795		1.8 L	4 CYL	M40 B18	318i	84.00 3.307	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
1991-05	1795		1.8 L	4 CYL	M40B18E, M42B18, M43B16	318i w/1.2mm top grv.	84.00 3.307	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C4573 2C4573020 2C4573040	2	STD 0.50 1.00
									322 BF GN SS 406 N PC DI 987 FV GN SS 714 GN SS	2N4573 2N457325 2N457350	4	STD 0.25 0.50
1995-96	1796		1.8 L	4 CYL	M42B18ME	318i, 518i, Z3 w/1.5mm top grv.	84.00 3.307	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
BMW												
1987-95	1796		1.8 L	4 CYL	M40 B18	318i, 518i	84.00 3.307	1.50 1.75 3.00	362 BF 3CR GI 401 SCRP PC GI 054 FV CR 732 FV CR	2C4762 2C4762010 2C4762020 2C4762030 2C4762040	6	STD 0.25 0.50 0.75 1.00
1995-03	1895		1.9 L	4 CYL	M44 B19, M43 B19TU, M43 B19, M43 194E1	318i, Z3	85.00 3.346	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
1977-91	1900		2.0 L	6 CYL	M20 B20	320i, 520i	80.00 3.150	1.50 2.00 3.50	102 T 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	4617 4617020 4617040 2C4617 2C4617010 2C4617020 2C4617040	6	STD 0.50 1.00 STD 0.25 0.50 1.00
1999-07	1951		2.0 L	4 CYL	E46, M47	320d, 520d Turbo Diesel	84.00 3.307	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
1990-99	1991		2.0 L	6 CYL	M50 B (20 6 S1), M50 B20TU	320i, 520i	80.00 3.150	1.50 1.75 3.00	376 BF CR DI 406 N PC DI 200 CF PC GI 881 2PCO	2C4329	6	STD
1992-94	1991		2.0 L	6 CYL	M52B206S3, M22B206S1	320i, 520i, E36, E39, E46, Series 3	80.00 3.150	1.50 1.50 2.00	362 BF 3CR GI 126 RVT PC GI 993 FV CR 005 FV CR	2C4559	6	STD
2005-13	1995		2.0 L	4 CYL	N47 D2 A, N47 D20B N47 D20C, N47 SD20D	1, 3, 5, X1, X3 Diesel Eng	84.00 3.307	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
2001-11	1995		2.0 L	4 CYL	M47 N204D4	3 Series, X3 Turbo Diesel	84.00 3.307	3.00 2.00 2.00	221 FKST CC DI 210 SCRP TF PC DI 248 CF CR 881 2PCO	2D7299 2D729925	1	STD 0.25
2000-10	2171		2.2 L	6 CYL	M54B22, M54226S1	320i, 320 ci, 520i, Z3, Z4	80.00 3.150	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C4501	6	STD
1978-86	2315		2.3 L	6 CYL	M20 B23L	323i	80.00 3.150	1.50 2.00 3.50	102 T 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	4617 4617020 4617040 2C4617 2C4617010 2C4617020 2C4617040	6	STD 0.50 1.00 STD 0.25 0.50 1.00
1992-05	2494		2.5 L	6 CYL	M52B25, M52B28GG, M54B25	325i, 328i, 525i w/1.2mm top grv.	84.00 3.307	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR 322 BF GN SS 406 N PC DI 987 FV GN SS 714 GN SS	2C4573 2C4573020 2C4573040 2N4573 2N457325 2N457350	2	STD 0.50 1.00 STD 0.25 0.50
1983-95	2494		2.5 L	6 CYL	M20 B25	325i, 525i, Z1	84.00 3.307	1.50 1.75 3.00	362 BF 3CR GI 401 SCRP PC GI 054 FV CR 732 FV CR	2C4762 2C4762010 2C4762020 2C4762030 2C4762040	6	STD 0.25 0.50 0.75 1.00
2000-04	2497		2.5 L	6 CYL	M57 D25	Turbo Diesel	80.00 3.150	3.00 2.00 3.00	225 FKST CR DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2C7357	1	STD
2000-04	2497		2.5 L	6 CYL	M57 D25	525d Turbo Diesel	80.00 3.150	2.50 2.00 3.00	205 BF CR DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2D7412	1	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
BMW												
2001-12	2497		2.5 L	6 CYL	N52 B25, N52 B254, N52 B25C	325i, 525i, 523i, X3, Z4, 325xi, 525xi	82.00 3.228	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 993 FV CR S 005 FV CR	2C4108	6	STD
									322 BF GN SS 406 N PC DI 987 FV GN SS 714 GN SS	2N4108 2N410825 2N410850	1	STD 0.25 0.50
1984-88	2693		2.7 L	6 CYL	M20 B27	325e, 525e	84.00 3.307	1.50 2.00 4.00	102 T PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR	4340 4340010 4340020 4340030 4340040	6	STD 0.25 0.50 0.75 1.00
									362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C4340 2C4340010 2C4340020 2C4340030 2C4340040	6	STD 0.25 0.50 0.75 1.00
1995-On	2793		2.8 L	6 CYL	M50B25, M52B28	323i, 325i, 328i, 523i, 528i, 728i w/1.5mm top grv.	84.00 3.307	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
1999-07	2926		2.9 L	6 CYL	M57	330d, 330xd, 530d, 730d Turbo Diesel	84.00 3.307	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
1971-91	2946		3.0 L	6 CYL	M30B30	630CS, 530i, 730i, 2000-3.2, 2500-3.3	89.00 3.504	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
1976-89	2988		3.0 L	6 CYL	M30 B30E	530i, 630 Csi, 730i	89.00 3.504	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
1992-95	2990		3.0 L	6 CYL	S50 B30	M3	86.00 3.386	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C5239	6	STD
2002-On	2993		3.0 L	6 CYL	M57 N306D2 Euro 4	330d, 330xd, 330Cd, 730d Turbo Diesel	84.00 3.307	2.50 2.00 3.00	217 BF CR DI 210 SCRPP TF PC DI 204 CF CR DI 881 2PCO	2C7288	1	STD
2003-11	2993		3.0 L	6 CYL	M57 306D3, M57 D30(306D3), M57 N2306D3, M57 TU2D30 Euro 4	325d,325xd, 330d,525d, 525xd Turbo Diesel	84.00 3.307	2.50 2.00 2.00	205 BF CR DI 202 TTF PC DI 248 CF CR 881 2PCO	2D7374	1	STD
2003-On	2993		3.0 L	6 CYL	M57 D30, M57 306D5, M47 N204D5	5 (E60) , X3, 3 Touring (E91) Turbo Diesel	84.00 3.307	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
1992-05	2997		3.0 L	8 CYL	M60B30	730i w/1.2mm top grv.	84.00 3.307	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C4573 2C4573020 2C4573040	2	STD 0.50 1.00
									322 BF GN SS 406 N PC DI 987 FV GN SS 714 GN SS	2N4573 2N457325 2N457350	4	STD 0.25 0.50
1974-75	3153		3.2 L	6 CYL	M30 B32	2000-3.2 Coupe (E9), 3.2 CSL	89.00 3.504	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
BMW												
1877-89	3453		3.5 L	6 CYL	M30B30ME, M30B35ME7	535i, 535S, 35.L L6, L7, 635CSi, 735i, M5 Incl. Turbo	92.00 3.622	1.50 2.00 3.50	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 327 BF PM GI 401 SCRP PC GI 058 FV CR 732 FV CR	4736 4736020 4736030 4736040 2C4736 2C4736020 2M4736 2M4736020 2M4736030 2M4736040	6 6 6	STD 0.50 0.75 1.00 STD 0.50 STD 0.50 0.75 1.00
1995-On	3498		3.5 L	8 CYL	M62B35C	535i, 735i w/1.5mm top grv.	84.00 3.307	1.50 1.50 2.00	032 BF PC GI 126 RVT PC GI 993 FV CR 005 FV CR 362 BF 3CR GI 126 RVT PC GI 993 FV CR 005 FV CR	4557 4557020 4557040 2C4557 2C4557020 2C4557040	2 2	STD 0.50 1.00 STD 0.50 1.00
1996-04	4398		4.4 L	8 CYL	N62 B44	545i, 645cl, 745i, Li, X5 4.4i w/1.2mm top grv.	92.00 3.622	1.20 1.50 2.00	398 BF CR S 401 SCRP PC GI 991 FV CR 005 FV CR	2C5211 2C5211020 2C5211040	8	STD 0.50 1.00
1996-04	4398		4.4 L	8 CYL	M62 B44	540i,740i, 840i, X5 Alusil bore use 2C5296 w/1.5mm top grv.	92.00 3.622	1.50 1.50 2.00	363 BF CR GI 401 SCRP 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 8	STD STD 0.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
BRIGGS & STRATTON												
				1 CYL		100700	2	9/16	1/16 1/16 5/32	032 BF PC GI 401 SCRPP PC GI 058 FV CR 732 FV CR	4798	1 STD
				1 CYL		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	3	7/16	5/64 5/64 3/16	362 BF 3CR GI 362 BF 3CR GI 860 FV CR 732 FV CR	2C6638	1 STD
				1 CYL		320400 to 320499 14 HP 326400 to 326499	3	9/16	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6962 6962010 6962020	1 STD 0.25 0.50
				2 CYL	Vanguard	290000 and 300000 290400 to 290499 290700 to 290799 294400 to 294499 294700 to 294799 303400 to 303499 303700 to 303799	68.00 2.677	2.00 2.00 3.00	362 BF 3CR GI 401 SCRPP PC GI 054 FV CR 732 FV CR	2C4753	2 STD	
				1 CYL		350400, 350700, 351700	72.00 2.835	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	
BSA												
1967-70	250			3 CYL		MOTORCYCLES	2.638	1/16	102 T PC GI	6942	1 STD	
1969-70	750					MOTORCYCLES		1/16 1/8	102 T PC GI 501 1PCO PC GI 826 2PCO	6942040	1.00	
									362 BF 3CR GI 102 T PC GI 501 1PCO PC GI 826 2PCO	2C6942 2C6942040	1 STD 1.00	
1966-70	441			1 CYL		MOTORCYCLES	3.110	1/16 1/16 1/8	102 T PC GI 102 T PC GI 870 FV CR 732 FV CR	6941	1 STD	

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
BSA												
1963-70	650			2 CYL		MOTORCYCLES	2.953	1/16 1/16 1/8	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
BUDA												
				4 CYL	4B153 5 Ring Piston		3	7/16 3/32 1/8 1/8 3/16 3/16	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI 362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	4288 2C4288	4	STD STD
				4 CYL	4B153 4 Ring Piston		3	7/16 1/8 1/8 3/16	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	STD 1.50 STD
				6 CYL	6BD230	Diesel Eng	3	7/16 1/8 1/8 3/16 3/16	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
				6 CYL	6B230 5 Ring Piston Sleeved Eng.		3	7/16 3/32 1/8 1/8 3/16 3/16	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI 362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	5106 5106060 2C5106	6	STD 1.50 STD
				6 CYL	G262		3	9/16 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C468	6	STD
				6 CYL	DA262	Diesel Eng	3	9/16 1/8 1/8 3/16 3/16	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
				6 CYL	H298, HM298, HM298R, HP298, HPM298, HPM298R, K315, 6B273 4 Ring Piston	Diesel Eng.	3	3/4 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5028	6	STD
				4 CYL	H199, HM199, 4B182 4 Ring Piston		3	3/4 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7669	4	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
BUDA												
				6 CYL	H326, HM326, HP326, HP351 5 Ring Piston		3 13/16	1/8 1/8 1/8 3/16 3/16	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI 362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	4239	6	STD
				6 CYL	H326, HM326, HP326, HP351, K325		3 13/16	1/8 1/8 1/8 3/16	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	5064	6	STD
				6 CYL	6DT389	Diesel Eng	3 7/8	1/8 1/8 1/8 3/16 3/16	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI 362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	4064	6	STD
			5.6 L	4 CYL	HD344 5 Ring piston	L4	4 7/16	3/32 1/8 1/8 3/16 3/16	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 501 1PCO PC GI 565 CF CR GI 881 2PCO	2C7143	1	STD
			8.5 L	6 CYL	DA516 5 Ring piston	L6	4 7/16	3/32 1/8 1/8 3/16 3/16	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 501 1PCO PC GI 565 CF CR GI 881 2PCO	2C7143	1	STD
				6 CYL	LO525 5 Ring Piston		4 1/2	1/8 1/8 1/8 1/4 3/16	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI 363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	4283	6	STD
				4 CYL 6 CYL 8 CYL	4MO645 M858, 6MO893, 6MO970 8MO1290, 8MOS1290		5 5/8	1/8 1/8 1/8 1/4 1/4	363 BF CR GI 102 T PC GI 102 T PC GI 501 1PCO PC GI 825 2PCO 501 1PCO PC GI	2C5343	1	STD
				4 CYL 6 CYL	4DC645 6DC893, 6DC970	Diesel Eng	5 5/8	1/8 1/8 1/8 1/4 1/4	363 BF CR GI 102 T PC GI 102 T PC GI 501 1PCO PC GI 825 2PCO 501 1PCO PC GI	2C5343	1	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CASE-COMBINES												
				4 CYL	M2 Sleeved Eng.		3.000	1/8 1/8 1/8 1/4	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
				6 CYL	H225, HB225	Gas Chry. 700, 900, 960, 1275	3.400	5/64 5/64 3/16	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
				4 CYL	SP9 Case Sleeved Eng.		3 1/2	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5117	4	STD
				4 CYL	156G	955, 1140, 1150, 1155	3 1/2	3/32 3/32 3/32 1/4	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7123	4	STD
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7123	4	STD
				6 CYL	GO298	Hercules 1000, 1010	3 3/4	3/32 1/8 3/16 3/16	363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C6581	1	STD
				4 CYL	188D	600,660,115,011,551,000 Diesel Eng	3 13/16	1/8 3/32 3/16	372 FKST CR DI 126 RVT PC GI 860 FV CR 732 FV CR	2C7134	4	STD
				8 CYL	H8318	Chry.Gas 1010,1060,1160, 1660, 1665	3.910	5/64 5/64 3/16	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
				4 CYL	A251S Gas or LPG Sleeved Eng.	150, 800, 1000	4.000	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7795	4	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CASE-COMBINES												
				4 CYL	SP9, SP12, 120		4.000	3/32 3/32 1/8 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7997	4	STD
				4 CYL	A267D Sleeved Eng.	800, 1000 Diesel Eng	4 1/8	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7580	4	STD
				4 CYL	A284GF Sleeved Eng.	1000, 1010, 1060, 1160	4 1/4	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7122	4	STD
CASE-ENGINES												
				4 CYL	GD157 Continental Sleeved Eng.	G148, G148B	3 3/8	1/8 1/8 1/8 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D7536	4	STD
				4 CYL	G148B, VA148B Sleeved Eng.		3 3/8	3/32 3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7558	4	STD
				4 CYL	G153.9 Sleeved Eng.		3 1/2	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5117	4	STD
				4 CYL	G159B Sleeved Eng.		3 1/2	3/32 3/32 3/32 1/4	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7123	4	STD
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7123	4	STD
				4 CYL	G188D Sleeved Eng.	Diesel Eng	3 13/16	1/8 3/32 3/16	372 FKST CR DI 126 RVT PC GI 860 FV CR 732 FV CR	2C7134	4	STD
				6 CYL	A377, A377D, A377S Sleeved Eng.		4.000	3/32 3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7656	6	STD
				4 CYL	A251S Sleeved Eng.		4.000	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7795	4	STD
				6 CYL	A401, A401D Sleeved Eng.		4 1/8	3/32 3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7124	6	STD
				4 CYL	A267D 4-267 Sleeved Eng.	Gas & Diesel	4 1/8	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7580	4	STD
				4 CYL	A267D, A284, A284GF Sleeved Eng.		4 1/4	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7122	4	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CASE-TRACTORS												
				4 CYL	Case Eng. V, VC, VI, VO Sleeved Eng.		3.000	1/8 1/8 1/8 1/4	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
				4 CYL	SO Sleeved Eng.		3	1/4 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7789	4	STD
				4 CYL	GD157 Continental Sleeved Eng.	300, 300B, 301, 301B, 302B, 320, 320DB, 400B, DT34 Series Diesel Eng	3	3/8 1/8 1/8 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D7536	4	STD
				4 CYL	G148, G148B, VA148, DT34 Sleeved Eng.	300, 300B, 310, 310C, 310D, 310E, 310F, 310G, 320, 320B 400B, 400D, 420, 420B, 420C 420BD, 430, 440, 441, 456D, 470, 480, 480B, 480CK, 500D, 556D Gas & LPG Eng.s	3	3/8 3/32 3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7558	4	STD
				4 CYL	153.9 Sleeved Eng.	S, SC, SE, SI, SL, SO To S/N 8027115	3	1/2 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5117	4	STD
				4 CYL	G159 Sleeved Eng.	530, 530C, 540, 541, 570, 580, 580B, 580CK, W3 loader Gas & LPG Eng.s	3	1/2 3/32 3/32 3/32 1/4	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7123	4	STD
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7123	4	STD
				4 CYL	Sleeved Eng.	S, SC, SE, SI, SL, SO S/N 8027115-on	3	5/8 3/32 3/32 3/32 3/16	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7593	4	STD
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7593	4	STD
				4 CYL	Sleeved Eng.	S, SC, SE, SI, SO S/N 8027115-on	3.625	1/8 1/8 1/8 3/16	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7659	4	STD
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7659	4	STD
				6 CYL	A377G, A377S Sleeved Eng.	W8B, W8C, W8E, W9B, W9C, W9E, W10B, W10C, W10E Loaders 500, 610, 900, 910, 930CK, 930GP, 930WS, 940, 970	4.000	3/32 3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7656	6	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CASE-TRACTORS												
				6 CYL	A377D Sleeved Eng.	LAD, 500, 520, 600, 620, 920 Diesel Eng	4.000	3/32 3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7656	6	STD
				4 CYL	Sleeved Eng.	CC, DC-V & F Power Piston	4.000	3/32 1/8 1/8 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7666	4	STD
				4 CYL	A251S Sleeved Eng.	C, 400, 420, 425, 680, 680CK 700,710,725,730, 730C, 740 770, 800, 810 Gas & LPG Eng.s	4.000	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7795	4	STD
				4 CYL	251 Sleeved Eng.	400 1956 Only Diesel Eng	4.000	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7795	4	STD
				6 CYL	A401D Sleeved Eng.	Diesel Eng	4 1/8	3/32 3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7124	6	STD
				4 CYL	A267D Sleeved Eng.	680, 680B, 680CK, 700, 720, 730, 730C, 750, 770, 800, 1000, 400 Super Diesel Eng	4 1/8	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7580	4	STD
				4 CYL	A284GF Sleeved Eng.	830, 830C, 840, W7,W7C, W7E, W9A Gas & LPG Eng.s	4 1/4	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7122	4	STD
				4 CYL	JD382 Sleeved Eng.	1000BR, 1000C, 1000D, 1010	4 1/2	1/8 1/8 1/8 1/4 3/16	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
	3.1 L	4 CYL			G188D Sleeved Eng.	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	3 13/16	1/8 3/32 3/16	372 FKST CR DI 126 RVT PC GI 860 FV CR 732 FV CR	2C7134	4	STD
CASE-TRACTORS -INCREASED BORE SLEEVES												
				4 CYL	VA Eng. Sleeved Eng.	Allied Sleeve Kit #WSA309 M & W Gear #SP201 Sealed Power #SL1776 Thompson #SA166 White Machine #G223HCH Genuine Sleeve Kit #S149	3 3/8	1/8 1/8 1/8 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D7536	4	STD
				4 CYL	VA Eng. Sleeved Eng.	Allied Sleeve Kit #WSA309 M & W Gear #SP201 Sealed Power #SL1776 Thompson #SA166 White Machine #G223HCH Genuine Sleeve Kit #S149	3 7/16	3/32 3/32 3/32 3/16	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7705	4	STD
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7705	4	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE	
CASE-TRACTORS -INCREASED BORE SLEEVES													
				4 CYL	G165 Sleeved Eng.	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	3	5/8	3/32 3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7581	4	STD
				4 CYL	G165 Sleeved Eng.	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	3	5/8	3/32 3/32 3/32 3/16	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7663	4	STD
				4 CYL	G165 Sleeved Eng.	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	3	11/16	3/32 3/32 3/32 3/16	363 BF CR GI 102 T PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7941	4	STD
				4 CYL	A125 Sleeved Eng.	Allied Sleeve Kit #WSA306 Ertel Sleeve Kit #SA202, 203 Genuine Sleeve Kit#S140,141 White Machine #G203AC Thompson #SA172 McQuay Norris #SA176	4.000		3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7795	4	STD
				4 CYL	D Eng. Sleeved Eng.	M & W Gear#SP8 304 Series McQuay Norris #SA176 M & W #SP8S C.D.	4.000		3/32 3/32 1/8 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7997	4	STD
CATERPILLAR													
				2 CYL		E43, E44, E50, E51, T69 Late Piston Starting Eng.	3	5/8	3/32 3/32 3/16	032 BF PC GI 126 RVT PC GI 501 1PCO PC GI 825 2PCO	6215	2	STD
	441	7.2L		6 CYL	C7	Inline 6, 4-Stroke-Cycle Diesel Eng.	110.00 4.331	3.50 3.00 4.00		208 FKST CC DI 277 RVT TF CR DI 560 CF CR GI 881 2PCO	2D5306	6	STD
				8 CYL		3208 Individual 2 Ring Piston OE Set Ref. #2S8265 OE Ref. #9L6233, Oil 2W8045	4	1/2	1/8 7/64	220 TBF PM DI 553 CF CR GI 881 2PCO	2D7473 2D7473020 2D7473030 2D7473040	1	STD 0.50 0.75 1.00
				8 CYL		3208 OE Set Ref. #199-9872 3 Ring Piston Keystone Comp Ring	4	1/2	1/8 1/8 7/64	224 FKST PM DI 170 FKST PC GI 553 CF CR GI 881 2PCO	2D7493 2D7493020 2D7493040	1	STD 0.50 1.00
				8 CYL		3208 3 Ring Piston (Rectangular rings) OE Set Ref. #2W8265-3R	4	1/2	3/32 3/32 3/16	215 TBF CR DI 135 T PC GI 553 CF CR GI 881 2PCO	2D7524 2D7524020	1	STD 0.50
				6 CYL 8 CYL	Sleeved Eng.	D353, G353 D379, D398, G379, G398 Diesel Eng	6	1/4	1/8 3/32 1/4	363 BF CR GI 349 RVT CR GI 565 CF CR GI 881 2PCO	2C7195	2	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE	
CHECKER													
1959-64				6 CYL	FO6226	Continental Eng.	3	5/16	3/32 3/32 5/32 5/32	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	
1980-82	3753	229	3.8 L	6 CYL			3.736	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5617 5617010 5617020 5617030 5617040 5617060	6 STD 0.25 0.50 0.75 1.00 1.50		
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5617 2C5617010 2C5617020 2C5617030 2C5617040 2C5617060	6 STD 0.25 0.50 0.75 1.00 1.50		
									397 BF PM S 126 RVT PC GI 860 FV CR 732 FV CR	2M5617 2M5617010 2M5617020 2M5617030 2M5617040 2M5617060	6 STD 0.25 0.50 0.75 1.00 1.50		
1964-68	3769	230	3.8 L	6 CYL		Chevy. Eng.	3	7/8	5/64 5/64 3/16	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		
1969-79	4097	250	4.1 L	6 CYL		Chevy. Eng.	3	7/8	5/64 5/64 3/16	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		

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE	
CHECKER													
1980-82	4375	267	4.4 L	8 CYL			3	1/2	5/64 5/64 3/16 363 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	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 8 8	STD 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 STD 0.75 1.00
1964-67	4638	283	4.6 L	8 CYL			3	7/8	5/64 5/64 3/16 732 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	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
1977-81	4998	305	5.0 L	8 CYL			3.736		5/64 5/64 3/16 732 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	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	5499 5499010 5499020 5499030 5499040 5499060 2C5499 2C5499010 2C5499020 2C5499030 2C5499040 2C5499060 2M5499 2M5499010 2M5499020 2M5499030 2M5499040 2M5499060	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 0.25 0.50 0.75 1.00 1.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHECKER												
1968-73	5031	307	5.0 L	8 CYL			3	7/8	5/64 5/64 3/16	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
1966-68	5359	327	5.4 L	8 CYL			4.000		5/64 5/64 3/16	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHECKER												
1969-79	5735	350	5.7 L	8 CYL			4.000	5/64 5/64 3/16	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-ANTIQUE												
1934-40				6 CYL		PE S/N PE104074-on, PF, PG S/N PF2987-on, Late PJ, P1, P2, P3, P4, P5, P6, P7, P8, P9, P10	3	1/8	1/8 1/8 5/32 5/32	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	142	6 STD
1941				6 CYL		P11, P12; P1125 Truck Models Plymouth	3	1/8	3/32 1/8 5/32 5/32	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	143	6 STD
1935-40				6 CYL		DU, D2, D5, D8, D11, D14, D17 Dodge	3	1/4	1/8 1/8 5/32 5/32	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	441	6 STD
1941				6 CYL		Deluxe, Custom D19 Dodge	3	1/4	3/32 1/8 5/32 5/32	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	443	6 STD
1942-50				8 CYL		All model Chrysler	3	1/4	3/32 3/32 5/32 5/32	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	446 446040	8 STD 1.00
1955	3949	241	3.9 L	8 CYL		D44, D48, D50, D53 All V8 Models Dodge	3	7/16	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	627	8 STD
1955	4261	260	4.3 L	8 CYL		Models P27 Plymouth	3	9/16	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	630 630060	8 STD 1.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-ANTIQUE												
1969-71	6276	383	6.3 L	8 CYL		Chry., Plymouth Canada	4	1/4	5/64 5/64 3/16	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	
1957-58	6424	392	6.4 L	8 CYL			4.000	5/64 5/64 3/16	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	
1972-78	6555	400	6.6 L	8 CYL			4.342	5/64 5/64 3/16	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	
1959-65	6768	413	6.8 L	8 CYL	MC3H		4	3/16	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	437 437030 437040	8 STD 0.75 1.00

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-ANTIQUE												
1963-71	6981	426	7.0 L	8 CYL		RC2 Windsor Exc. Hemi	4	1/4	5/64 5/64 3/16	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
1966-78	7210	440	7.2 L	8 CYL		Chry., Plymouth	4.320		5/64 5/64 3/16	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-AUSTRALIA												
1970-75	4015	245	4.0 L	6 CYL		"D" Hemi Charger, Regal "D" Ranger XL "D" Hemi, Valiant VG, VH, VJ, Pacer & Regal 770 VIP	3.760		5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5586 5586020 5586040	6 STD 0.50 1.00
										362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5586 2C5586020 2C5586040	6 STD 0.50 1.00
1971-On	4343	265	4.3 L	6 CYL		Valiant VH & CH, Plymouth	3.910		5/64 5/64 3/16	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-CARS												
1973-76	1187	74	1.2 L	4 CYL	4G42 Mitsubishi Eng.	Plymouth	71.00 2.795	2.00 2.00 4.00	032 BF PC GI 401 SCRP PC GI 056 FV CR 732 FV CR	4342	4	STD
									362 BF 3CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C4342 2C4342020 2C4342040	4	STD 0.50 1.00
1979-85	1409	86	1.4 L	4 CYL	G12B Vin: J Mitsubishi Eng.	Dodge Colt, Plymouth Champ	74.00 2.913	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
1985-92	1468	90	1.5 L	4 CYL	G15B Vin: Q Mitsubishi Eng.	Colt, Summit	75.50 2.972	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
1971-76	1500	91.4	1.5 L	4 CYL		Plymouth Cricket	3.391	5/64 5/64 5/32	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	674 674030 674040	4	STD 0.75 1.00
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C674 2C674030 2C674040	4	STD 0.75 1.00
1991-96	1508	92	1.5 L	4 CYL	G15B, 4G15, G4AJ, G4DJ Vin: A,Q	12 Valve	75.50 2.972	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
1983-86	1590	97	1.6 L	4 CYL	Peugeot Eng.	Dodge, Plymouth	80.60 3.173	1.75 2.00 4.00	032 BF PC GI 401 SCRP PC GI 056 FV CR 732 FV CR	4253 4253020	4	STD 0.50
									363 BF CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C4253 2C4253020	4	STD 0.50
1989-93	1595	98	1.6 L	4 CYL	G16B Vin: K Mitsubishi Eng.	Dodge Colt, Eagle Summit	82.30 3.240	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-CARS												
1971-84	1597	98	1.6 L	4 CYL	4G31,4G32,4G61 Vin. K, Z Incl.Turbo Mitsubishi Eng. DOHC	Challenger, Colt	76.90 3.027	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
1983-90	1606	98	1.6 L	4 CYL	Vin: K	SOHC	76.90 3.027	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
1978-84	1715	105	1.7 L	4 CYL	E82	Dodge Omni, Plymouth Horizon	79.50 3.130	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
1989-93	1795	107	1.8 L	4 CYL	4G37 Vin: P, T Mitsubishi Eng.		80.60 3.173	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
1985-86	1795	110	1.8 L	4 CYL	G62B Mitsubishi Eng.	Plymouth	80.60 3.173	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
2006-10	1798	110	1.8 L	4 CYL	GEMA Vin. C	World Eng.	86.00 3.386	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
2011-On	1956		2.0 L	4 CYL	198 A5.000	Delta 2.0 D Multijet Diesel Eng Turbo Intercooled	83.00 3.268	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
1995-05	1983	121	2.0 L	4 CYL	Vin: C,F DOHC, SOHC		87.50 3.445	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-CARS												
1983-87	1997	122	2.0 L	4 CYL	G63B Vin. A Mitsubishi Eng.	Plymouth, Colt, Omni, Ram 50	85.00 3.346	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
2006-15	1998	122	2.0 L	4 CYL	GEMA Vin: A,B	World Eng.	86.00 3.386	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
1979-83	1999	122	2.0 L	4 CYL	G52B, 4G52 Vin. U, 5	Dodge	84.00 3.307	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
1987-91	1999	122	2.0 L	4 CYL	4G63, G54B	D-50 Dodge, Plymouth	85.00 3.346	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
1988-93	2000	122	2.0 L	4 CYL	G63B Vin: A Mitsubishi Eng. DOHC, SOHC	Incl. Turbo	85.00 3.346	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
1981-89	2212	135	2.2 L	4 CYL	E62 Incl. Turbo	Chry, Dodge,Plymouth Deep Oil grv.	87.50 3.445	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
1985-95	2212	135	2.2 L	4 CYL	Vin. B, C, D	Dodge, Chrysler Shallow Oil Ring grv.	87.50 3.445	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
1992-97	2212	135	2.2 L	4 CYL		16 Valve Turbo	87.50 3.445	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-CARS												
1984-89	2212	135	2.2 L	4 CYL	E62	Chry, Dodge,Plymouth Deep Oil grv.	87.50 3.445	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
1985-93	2350	146	2.4 L	4 CYL	4G64, G64B Vin:T Mitsubishi Eng	Colt Vista	86.50 3.405	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
2006-16	2359	144	2.4 L	4 CYL	2AZFE Toyota Eng Vin: B,F,K	World Eng.	88.00 3.464	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
1993-08	2400	146	2.4 L	4 CYL	RDS2,4G64 Mitsubishi Eng.		86.50 3.405	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
1993-96	2400	146	2.4 L	4 CYL	4G64 Vin:T Mitsubishi Eng		86.50 3.405	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
1998-10	2429	148	2.4 L	4 CYL	EDZ Vin: B,G,X,1 Incl. Turbo	Cirrus, PT Cruiser, Sebring	87.50 3.445	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
2004-09	2429	146	2.4 L	4 CYL	Vin: E	Turbo L4 w/2.5mm oil grv	87.50 3.445	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
1995-09	2429	148	2.4 L	4 CYL	EDZ Vin 9		87.50 3.445	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
1995-00	2497	152	2.5 L	6 CYL	6G73 Mitsubishi Eng.		83.50 3.287	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
1992-95	2499		2.5 L	4 CYL	M00(HR425CL) VM425HR, (M51), VM425HR(M52)	TD, CRD,TD Voyager Turbo Diesel	92.00 3.622	2.50 2.00 4.00	225 FKST CR DI 210 SCRPF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
1994-97	2507	153	2.5 L	4 CYL		Chry. Turbo Shallow Oil Ring Grv	87.50 3.445	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
1986-89	2507	153	2.5 L	4 CYL		Chry, Dodge,Plymouth Deep Oil grv.	87.50 3.445	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-CARS												
1986-95	2507	153	2.5 L	4 CYL	Vin, G, K	Dodge truck	87.50	1.50	032 BF PC GI	4222	4	STD
						Shallow Oil Ring grv.	3.445	1.50	126 RVT PC GI	4222020		0.50
								4.00	872 FV CR	4222030		0.75
									732 FV CR	4222040		1.00
										4222060		1.50
									362 BF 3CR GI	2C4222	4	STD
									126 RVT PC GI	2C4222020		0.50
									872 FV CR	2C4222030		0.75
									732 FV CR			
									335 T PM DI	2M4222	4	STD
									126 RVT PC GI	2M4222010		0.25
									872 FV CR	2M4222020		0.50
									732 FV CR	2M4222030		0.75
										2M4222040		1.00
										2M4222060		1.50
							87.50	1.50	032 BF PC GI	5652	4	STD
							3.445	1.50	126 RVT PC GI	5652010		0.25
								4.00	056 FV CR	5652020		0.50
									732 FV CR	5652030		0.75
										5652040		1.00
										5652060		1.50
1986-89	2507	153	2.5 L	4 CYL	Chry, Dodge,Plymouth Deep Oil grv.	Chry, Dodge,Plymouth Deep Oil grv.	87.50	1.50	032 BF PC GI	5652	4	STD
							3.445	1.50	126 RVT PC GI	5652010		0.25
								4.00	056 FV CR	5652020		0.50
									732 FV CR	5652030		0.75
										5652040		1.00
										5652060		1.50
									363 BF CR GI	2C5652	4	STD
									126 RVT PC GI	2C5652010		0.25
									056 FV CR	2C5652020		0.50
									732 FV CR	2C5652030		0.75
										2C5652040		1.00
										2C5652060		1.50
									327 BF PM GI	2M5652	4	STD
									126 RVT PC GI	2M5652010		0.25
									056 FV CR	2M5652020		0.50
									732 FV CR	2M5652030		0.75
										2M5652040		1.00
										2M5652060		1.50
1978-84	2555	156	2.6 L	4 CYL	G54B Mitsubishi Eng	Chry, Dodge, Ply Thru March 1983	91.10	2.00	032 BF PC GI	5595	4	STD
							3.587	2.00	126 RVT PC GI	5595010		0.25
								4.00	870 FV CR	5595020		0.50
									732 FV CR	5595030		0.75
										5595040		1.00
										5595060		1.50
									362 BF 3CR GI	2C5595	4	STD
									126 RVT PC GI	2C5595010		0.25
									870 FV CR	2C5595020		0.50
									732 FV CR	2C5595030		0.75
										2C5595040		1.00
										2C5595060		1.50
									327 BF PM GI	2M5595	4	STD
									126 RVT PC GI	2M5595010		0.25
									870 FV CR	2M5595020		0.50
									732 FV CR	2M5595030		0.75
										2M5595040		1.00
										2M5595060		1.50
1983-89	2555	156	2.6 L	4 CYL	G54B Incl. Turbo Mitsubishi Eng.	Chry, Dodge, Ply Shallow Oil Ring Grv	91.10	1.50	032 BF PC GI	5667	4	STD
							3.587	1.50	126 RVT PC GI	5667010		0.25
								4.00	056 FV CR	5667020		0.50
									732 FV CR	5667030		0.75
										5667040		1.00
										5667060		1.50
									363 BF CR GI	2C5667	4	STD
									126 RVT PC GI	2C5667010		0.25
									056 FV CR	2C5667020		0.50
									732 FV CR	2C5667030		0.75
										2C5667040		1.00
										2C5667060		1.50
1998-10	2737	167	2.7 L	6 CYL	Vin: N,R,T,U	V-6 2700	86.00	1.50	397 BF PM S	2M4946	6	STD
							3.386	1.50	126 RVT PC GI	2M4946004		0.10
								3.00	054 FV CR	2M4946010		0.25
									732 FV CR	2M4946020		0.50
										2M4946030		0.75
										2M4946040		1.00
										2M4946060		1.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-CARS												
1998-03	2737	167	2.7 L	6 CYL	Vin: R,T,U	V-6 2700 w/deep oil Grv. aftermarket piston	86.00 3.386	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
1960-69	2786	170	2.7 L	6 CYL	Slant 6	Dodge, Plymouth	3.400	5/64 5/64 3/16	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	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
1987-04	2972	181	3.0 L	6 CYL	6G72 SOHC Vin:H,V Mitsubishi Eng.	Dodge Dynasty Dodge/Ply Mini Van	91.10 3.587	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	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
1991-05	2972	181	3.0 L	6 CYL	6G72 Vin: V Incl. Turbo DOHC Mitsubishi Eng.	Dodge, Stealth	91.10 3.587	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
1990-91	2982	182	3.0 L	6 CYL	Renault Eng. Sleeved Eng.		93.00 3.661	1.75 1.75 3.50	363 BF CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C4672	6	STD
1998-01	3228	197	3.2 L	6 CYL	Vin. J	Concorde Dodge Intrepid	92.00 3.622	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
1970-74	3245	198	3.2 L	6 CYL		Dodge, Plymouth	3.400	5/64 5/64 3/16	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	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
1988-97	3294	201	3.3 L	6 CYL		Chry., Dodge, Plymouth	93.00 3.661	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 STD 0.25 0.50 0.75 1.00 1.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-CARS												
1998-10	3294	201	3.3 L	6 CYL	Vin: G,R,3	Shallow Top/Oil grv.	93.00 3.661	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
1996-10	3452	215	3.5 L	6 CYL	Vin: F,G,K,V	Chry., Concord, LHS	96.00 3.779	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
1996-10	3452	215	3.5 L	6 CYL	Vin: F,G,K,V	Chry., Concord, LHS	96.00 3.779	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
1996-10	3452	215	3.5 L	6 CYL	Vin: F,G,K,V	Chry., Concord, LHS	96.00 3.779	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
	3507	214	3.5 L	6 CYL		Dodge, Plymouth	96.00 3.779	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	STD 0.25 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50 STD 0.50
1942-59	3572	218	3.6 L	6 CYL		Dodge, Plymouth	3 1/4	3/32 3/32 5/32 5/32	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	STD 1.00 1.50 STD
2011-17	3605	220	3.6 L	6 CYL	Vin: G		96.00 3.779	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-CARS												
1960-87	3687	225	3.7 L	6 CYL		Chry., Dodge, Plymouth	3.400	5/64 5/64 3/16	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
1999-11	3703	226	3.7 L	6 CYL	Vin: K	Shallow Top/Oil grv.	93.00 3.661	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
1942-59	3769	230	3.8 L	6 CYL		Dodge, Plymouth	3	1/4 3/32 3/32 5/32 5/32	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
1991-02	3785	231	3.8 L	6 CYL	Vin: L,6	Dodge, Plymouth	96.00 3.779	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
2001-10	3785	231	3.8 L	6 CYL	Vin: L,P,1	Dodge, Intrepid	96.00 3.779	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
2001-10	3785	231	3.8 L	6 CYL	Vin: L,P,1	Dodge, Intrepid	96.00 3.779	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE	
CHRYSLER-CARS													
1942-52	3867	236	3.9 L	6 CYL		Chrysler Exc. Canada	3	7/16	3/32 3/32 5/32 5/32	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	
1987-91	3917	239	3.9 L	6 CYL		Dodge, Plymouth	3.910	5/64 5/64 3/16	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
2007-11	3952	241	4.0 L	6 CYL	Vin: X	Chrysler	96.00 3.779	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
2007-11	3952	241	4.0 L	6 CYL	Vin: X	Chrysler	96.00 3.779	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
1954-68	4113	251	4.1 L	6 CYL		Dodge	3	7/16	5/64 5/64 3/16	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-CARS												
1971-80	4300	265	4.3 L	6 CYL		Centura,Charger Valiant	3.910	5/64 5/64 3/16	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
1951-54	4343	265	4.3 L	6 CYL		Chrysler Exc. Canada	3	7/16 3/32 3/32 5/32 5/32	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
1955-68	4343	265	4.3 L	6 CYL		Dodge	3	7/16 5/64 5/64 3/16	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
1956	4425	270	4.4 L	8 CYL		P29 S/N 40001-80000, Plymouth	3	5/8 5/64 5/64 3/16	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
1964-69	4474	273	4.5 L	8 CYL		Dodge, Plymouth Windsor C67	3	5/8 5/64 5/64 3/16	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-CARS												
1956-57	4539	277	4.5 L	8 CYL		P29 Plymouth	3	3/4	5/64 5/64 3/16	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
1999-07	4670	285	4.7 L	8 CYL	Vin: N,P	Aspen	93.00 3.661	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
2008-14	4670	285	4.7 L	8 CYL	Vin: P	Aspen, Dakota, Ram (flex fuel)	93.00 3.661	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	
1957	4933	301	4.9 L	8 CYL		Chry., Dodge, Plymouth	3.910	5/64 5/64 3/16	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
1955	4933	301	4.9 L	8 CYL		Dodge	3	5/8	5/64 5/64 3/16	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-CARS												
1957-65	5129	313	5.1 L	8 CYL		Canada	3	7/8	5/64 5/64 3/16	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
1956	5162	315	5.2 L	8 CYL		Dodge	3	5/8	5/64 5/64 3/16	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
1958-89	5211	318	5.2 L	8 CYL		Chry., Dodge, Plymouth	3.910		5/64 5/64 3/16	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
1957-58	5326	325	5.3 L	8 CYL		Dodge	3	11/16	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	681 681030	8 STD 0.75
1955-56	5408	330	5.4 L	8 CYL	S21, S22, S23, S24	All V8 Models Desoto	3	23/32	5/64 5/64 3/16	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-CARS												
1968-73	5572	340	5.6 L	8 CYL			4.040	5/64 5/64 3/16	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
1957	5588	341	5.6 L	8 CYL	S25, S26	Adventurer, Desoto Fireflite, Firedome	3 25/32	5/64 5/64 3/16	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C682	8	STD
2009-15	5654	345	5.7 L	8 CYL	EZB, EZC, EZH Vin: T	300, Challenger, Charger, Durango, Hemi	99.50 3.917	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
2003-08	5703	348	5.7 L	8 CYL	Vin; D,H,2	Hemi	99.50 3.917	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
1971-95	5899	360	5.9 L	8 CYL		Chry., Dodge, Plymouth	4.000	5/64 5/64 3/16	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
2005-10	6063	370	6.1 L	8 CYL	Vin. W, 3		102.99 4.055	1.50 1.50 3.00	397 BF PM S 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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-CARS												
2015-18	6166	376	6.2L	8 CYL	ESD Supercharged	Dodge Challenger, Charger	103.90 4.091	1.20 1.20 2.00	397 BF PM S 406 N PC DI 991 FV CR 732 FV CR	2M4161	8	STD
2011-20	6424	392	6.4 L	8 CYL	ESG Vin; J	Hemi OHV FI	104.00 4.094	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
1994-96	7997	488	8.0 L	10 CYL		Dodge Viper, RT/10, MPI, M/T	101.60 4.000	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
2008-13	8439	515	8.4 L	10 CYL	Vin: N, Z	Dodge Viper, SRT	103.00 4.055	1.50 1.50 3.00	397 BF PM S 406 N PC DI 054 FV CR 732 FV CR	2M5378 2M5378020 2M5378030 2M5378040	10	STD 0.50 0.75 1.00
CHRYSLER-INDUSTRIAL												
				6 CYL	T25, T50, T57, T81, T105		3	1/8 1/8 5/32 5/32	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	142	6	STD
				6 CYL	T57, T105, T112, T125		3	1/8 3/32 1/8 5/32 5/32	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	143	6	STD
				6 CYL	T26, T72, T96		3	1/4 1/8 5/32 5/32	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	441	6	STD
				6 CYL	T116, T207, T211, T215		3	1/4 3/32 1/8 5/32 5/32	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	443	6	STD
				8 CYL	C30, C36, IND9, IND12		3	1/4 3/32 3/32 5/32 5/32	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 CYL	H170, H225, HB170, HB225, HC170, HC225		3.400	5/64 5/64 3/16 5/32 5/32	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 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	687 687020 687030 687040 687060 2C687 2C687020 2C687030 2C687040 2C687060 2M687 2M687030 2M687040 2M687060	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	
				6 CYL	T42, T118, T120, T130, IND7, IND8, IND8A, 32, 33, 90BA, IND236, 251, 265 Repl. Eng. 237, 251		3	7/16 3/32 3/32 5/32 5/32	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	STD STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-INDUSTRIAL												
				8 CYL	IND18, IND18A, VT344, VT346		3	7/16	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	627	8 STD
				6 CYL	T42, IND8A, MA7-3, M47-4		3	7/16	5/64 5/64 3/16	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
				8 CYL	52, M44S		3	9/16	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	630 630060	8 STD 1.50
				8 CYL	54		3	23/32	5/64 5/64 3/16	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
				8 CYL	H318, HB318, HC318, HT318, M80, M318A, M318B, M318C		3.910		5/64 5/64 3/16	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
				8 CYL	IND56A, M45-3, M45SP3		3	15/16	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	636 636030	8 STD 0.75
				6 CYL	T190, T199, IND15, IND15A, 34, 35		4.000		3/32 1/8 1/8 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5156	6 STD
				8 CYL	H361, HB361, HC361		4	1/8	5/64 5/64 3/16	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-INDUSTRIAL												
				8 CYL	HT361		4	1/8	3/32 3/32 3/16	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
				8 CYL	H413		4	3/16	5/64 5/64 3/16	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
				8 CYL	H383, HA383, M383, M383B, M426, M426D, M426D-606, 607, 608		4	1/4	5/64 5/64 3/16	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 CYL	Irrigation Use		4.320		5/64 5/64 3/16	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												
	2786	170	2.8 L	6 CYL		M170, A; M225A, D;A, A-J Jet,103 series	3.400		5/64 5/64 3/16	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-MARINE												
3245	198	3.2 L	6 CYL			A-J Jet,103 series	3.400	5/64	032 BF PC GI	687	6	STD
									126 RVT PC GI	687020		0.50
									860 FV CR	687030		0.75
									732 FV CR	687040		1.00
									687060	687060		1.50
									362 BF 3CR GI	2C687	6	STD
									126 RVT PC GI	2C687020		0.50
									860 FV CR	2C687030		0.75
									732 FV CR	2C687040		1.00
									2C687060	2C687060		1.50
									327 BF PM GI	2M687	6	STD
									126 RVT PC GI	2M687030		0.75
									860 FV CR	2M687040		1.00
									732 FV CR	2M687060		1.50
3572	218	3.6 L	6 CYL			Ace, M46, M46S	3	1/4	032 BF PC GI	144	6	STD
									126 RVT PC GI	144040		1.00
									860 FV CR	144060		1.50
									732 FV CR			
									501 1PCO PC GI			
									362 BF 3CR GI	2C144	6	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
									501 1PCO PC GI			
3687	225	3.7 L	6 CYL				3.400	5/64	032 BF PC GI	687	6	STD
									126 RVT PC GI	687020		0.50
									860 FV CR	687030		0.75
									732 FV CR	687040		1.00
									687060	687060		1.50
									362 BF 3CR GI	2C687	6	STD
									126 RVT PC GI	2C687020		0.50
									860 FV CR	2C687030		0.75
									732 FV CR	2C687040		1.00
									2C687060	2C687060		1.50
									327 BF PM GI	2M687	6	STD
									126 RVT PC GI	2M687030		0.75
									860 FV CR	2M687040		1.00
									732 FV CR	2M687060		1.50
3769	230	3.8 L	6 CYL			Ace, M46, M46S	3	1/4	032 BF PC GI	144	6	STD
									126 RVT PC GI	144040		1.00
									860 FV CR	144060		1.50
									732 FV CR			
									501 1PCO PC GI			
									362 BF 3CR GI	2C144	6	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
									501 1PCO PC GI			
4113	251	4.1 L	6 CYL			3 Ring Piston	3	7/16	032 BF PC GI	663	6	STD
									126 RVT PC GI	663030		0.75
									860 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C663	6	STD
									126 RVT PC GI	2C663030		0.75
									860 FV CR			
									732 FV CR			
4113	251	4.1 L	6 CYL			Crown, M47, M47S	3	7/16	032 BF PC GI	445	6	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
									501 1PCO PC GI			
									362 BF 3CR GI	2C445	6	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
									501 1PCO PC GI			

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CHRYSLER-MARINE												
4343	265	4.3 L	6 CYL			Crown, M47, M47S	3	7/16	3/32 3/32 5/32 5/32	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	
4474	273	4.5 L	8 CYL				3	5/8	5/64 5/64 3/16	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 CYL				3.910	5/64 5/64 3/16	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	
5211	318	5.2 L	8 CYL			Shallow Oil Ring grv.	99.31 3.910	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	
5572	340	5.6 L	8 CYL				4.040	5/64 5/64 3/16	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	

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE			
CHRYSLER-MARINE															
5801	354	5.8 L	8 CYL				3	15/16	5/64	032 BF PC GI	636	8	STD		
									5/64	126 RVT PC GI	636030		0.75		
								3/16	860 FV CR						
									732 FV CR						
5899	360	5.9 L	8 CYL				4.000	5/64	5/64	032 BF PC GI	139	8	STD		
											126 RVT PC GI	139010		0.25	
											860 FV CR	139020		0.50	
											732 FV CR	139030		0.75	
												139040		1.00	
												139060		1.50	
												139070		1.75	
												139080		2.00	
												139100		2.50	
												362 BF 3CR GI	2C139	8	STD
											126 RVT PC GI	2C139010		0.25	
											860 FV CR	2C139020		0.50	
											732 FV CR	2C139030		0.75	
												2C139040		1.00	
												2C139060		1.50	
												2C139070		1.75	
												2C139080		2.00	
												397 BF PM S	2M139	8	STD
												126 RVT PC GI	2M139005		0.13
												860 FV CR	2M139010		0.25
											732 FV CR	2M139020		0.50	
												2M139030		0.75	
												2M139040		1.00	
												2M139060		1.50	
												2M139070		1.75	
												2M139080		2.00	
												2M139100		2.50	
5916	361	5.9 L	8 CYL				4	1/8	5/64	032 BF PC GI		661	8	STD	
											126 RVT PC GI	661010		0.25	
											860 FV CR	661020		0.50	
											732 FV CR	661030		0.75	
												661040		1.00	
												661060		1.50	
												362 BF 3CR GI	2C661	8	STD
											126 RVT PC GI	2C661040		1.00	
											860 FV CR				
											732 FV CR				
											327 BF PM GI	2M661	8	STD	
											126 RVT PC GI	2M661010		0.25	
											860 FV CR	2M661020		0.50	
732 FV CR	2M661030		0.75												
	2M661040		1.00												
	2M661060		1.50												
5916	361	5.9 L	8 CYL				4	1/8	3/32	363 BF CR GI	2C6094	8	STD		
										126 RVT PC GI	2C6094020		0.50		
										860 FV CR	2C6094030		0.75		
										732 FV CR	2C6094040		1.00		
											2C6094060		1.50		
										327 BF PM GI	2M6094	8	STD		
										126 RVT PC GI	2M6094030		0.75		
										860 FV CR	2M6094040		1.00		
										732 FV CR	2M6094060		1.50		
6555	400	6.6 L	8 CYL				4.342	5/64	5/64	032 BF PC GI	676	8	STD		
											126 RVT PC GI	676030		0.75	
											860 FV CR				
											732 FV CR				
												362 BF 3CR GI	2C676	8	STD
												126 RVT PC GI			
												860 FV CR			
											732 FV CR				
											327 BF PM GI	2M676	8	STD	
											126 RVT PC GI	2M676020		0.50	
											860 FV CR	2M676030		0.75	
											732 FV CR	2M676040		1.00	

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE	
CHRYSLER-MARINE													
6768 413 6.8 L 8 CYL							4	3/16	5/64 5/64 3/16	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 CYL							4	1/4	5/64 5/64 3/16	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 0.5 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 CYL							4.320		5/64 5/64 3/16	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
CITROEN													
1968-90	602		0.6 L	2 CYL	A06/635, A06/664 M28 (AM2), M28/1 (AK2) M4 (AM)/ R06 627	Citroen 2 CV6, AMI 6, Dyane 6,LNA, Mehari	74.00 2.913	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	
2012-On	999		1.0 L	3 CYL	ZMZ (EB0)	C3	71.00 2.795	1.00 1.00 2.00	322 BF GN SS 123 RVT PC DI 248 CF CR 881 2PCO	2N4057	3	STD	
2013-18	1119		1.2 L	3 CYL	HMP, HMT, HMZ, HNY, HNZ	C1, C3, C4, DS3, DS4	75.00 2.953	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	
1987-04	1124		1.1 L	4 CYL	TU1, (H1B), TU1 K TU1 CP (HAZ) TU1M (HDZ)	AX11, ZX 1 BX 11, C15 AX 11 CAT	72.00 2.835	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	
	1222		1.2 L	4 CYL	G103	60CH Din TC: 8, 2, GS7CV Berline Break	77.00 3.031	1.75 2.00 4.00	362 BF 3CR GI 435 SCRPP PC GI 056 FV CR 732 FV CR	2C7215	4	STD	
1993-02	1275		1.3 L	4 CYL	XU7JB, XU7JP, XU9JA XU92C, XU9J1,XU9J2	Berlingo, Xantia, ZX BX Break	83.00 3.268	1.50 1.50 4.00	376 BF CR DI 126 RVT PC GI 058 FV CR 732 FV CR	2C5881	4	STD	

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CITROEN												
1983-10	1360		1.4 L	4 CYL	K1B, K1G, KAZ, ALL TU3 K3A, K1H, K6D, K6E, K6F, KFT, K6V, KFW, KFX K2A, K1F, K2B, K2D, KAY	AX 14, BX 14, C3, C15, ZX, Nemo, Berlingo, Saxo	75.00 2.953	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
2002-On	1399		1.4 L	4 CYL	8 HX, 8 HY DV4 TD D4V TED 4	C 1, C 2, C 3, Xsara 1.4 HDi Diesel Eng	73.70 2.902	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
1995-03	1527		1.5 L	4 CYL	TUD 5, ATMO	AX, Saxo, Xsara, ZX Diesel Eng	77.00 3.031	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
2004-08	1560		1.6 L	4 CYL	9HZ, DV6TED, DV6TED4	C3, C4, C5 HDi Turbo Diesel	75.00 2.953	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
2005-On	1560		1.6 L	4 CYL	DV6BTED4, DV6BUTED4 DV6C, DV6DBM (9HE) DV6DTED, DV6ETEDM DV6ETED (9HW)	Berlingo 1.6, C3, C4, C5 Diesel Eng Incl. Turbo	75.00 2.953	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
1993-01	1587		1.6 L	4 CYL	TU5JP (NFZ) TU5JP2(NFW/NFY) TU5JP4(N6A) Peugeot Eng.	106I, II, 306206, 106I, 106II 206 16V	78.50 3.090	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
1966-75	1679		1.7 L	4 CYL		O.H.V	90.00 3.543	2.00 2.00 5.00	362 BF 3CR GI 401 SCRPP PC GI 871 FV CR 732 FV CR	2C6864	4	STD
1998-05	1868		1.9 L	4 CYL	DW 8, DW 8 B, WJY, WJZ	Berlingo, Xsara Diesel Eng	82.20 3.236	2.00 2.00 3.00	205 BF CR DI 210 SCRPP TF PC DI 204 CF CR DI 881 2PCO	2D5858 2D585850	1	STD 0.50
1991-On	1905		1.9 L	4 CYL	XUD 9, XUD 9 A	Expert, Jumpy, Jumper, Berlingo, Xsara, BX, ZX, C25, Xantia, Relay, Dispatch, Evasion, Exprt Diesel Eng	83.00 3.268	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 STD 0.50
1992-03	1905		1.9 L	4 CYL	XUD9BSD, XUD9BTF, XUD9SD, XUD9TE, XUD9TF, XUD9UF	Evasion, Jumper Box, Xantia, ZX Turbo Diesel	83.00 3.268	3.50 2.00 3.00	224 FKST PM DI 202 TTF PC DI 204 CF CR DI 881 2PCO	2M7157	1	STD
1992-03	1905		1.9 L	4 CYL	XUD9BSD, XUD9BTF, XUD9SD, XUD9TE, XUD9TF	Evasion, Jumper Box, Xantia, ZX Turbo Diesel	83.00 3.268	3.00 2.00 3.00	221 FKST CC DI 202 TTF PC DI 204 CF CR DI 881 2PCO	2D7351	1	STD
1983-02	1905		1.9 L	4 CYL	DJY, D9B, XUD9A	Diesel Eng	83.00 3.268	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
1979-80	1995		2.0 L	4 CYL	829.A5	CXI, CXII, CXIII	88.00 3.464	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 STD 0.25
2009-18	1997		2.0 L	4 CYL	AHR, AHV, AHW, AHX, RHC, RHD, RHE, RHH	C4, C5, DS5, Jumpy Diesel Eng	85.00 3.346	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CITROEN												
1999-13	1998		2.0 L	4 CYL	RFH, RFJ, RFK, RFN, RFR, RLZ (EW10A)	C4, C, C8 Jumpy	85.00 3.346	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
1999-08	1999		2.0 L	4 CYL	DW 10 TD, RHY, RHZ, DW 10 ATED, DW 10 ATED 4	C5, HDi Berlingo, Xsara, Zantia Turbo Diesel	85.00 3.346	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
1981-93	2165		2.2 L	4 CYL	JT6A500/J6RA500	CXI, CXII, CXIII Break, Familiare Pakias, TRS	88.00 3.464	1.75 2.00 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	4257	4	STD
									327 BF PM GI 126 RVT PC GI 056 FV CR 732 FV CR	2M4257 2M4257010	4	STD 0.25
2007-On	2179		2.2 L	4 CYL	DW12C (4HL), DW12MTED4 (4HN)	C5, C-Crosser Diesel Eng	85.00 3.346	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
2001-04	2179		2.2 L	4 CYL	DW12TED, DW 12 TED4	HDi Break, Estate Turbo Diesel	85.00 3.346	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
1978-94	2498		2.5 L	4 CYL	B25637, CRD93L, CRD93B M22-629, M25-629, M25-637, M25-660	CX I, CXII, C25, C35	93.00 3.661	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
1992-02	2798		2.8 L	4 CYL	8140.43 (F28D)	Jumper Diesel	94.40 3.716	3.00 2.00 2.50	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7449	1	STD
2000-10	2798		2.8 L	4 CYL	8140.43N, 8140.43S, F28TDCR	Jumper w/2.5mm Keystone top grv. Turbo Diesel	94.40 3.716	2.50 2.00 2.50	233 FKST PM DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2M7450	1	STD
2009-On	2993		3.0 L	6 CYL	DT20C	C5, C6 Diesel Eng.	84.00 3.307	2.00 2.00 2.00	255 TBF CC DI 126 RVT PC GI 553 2PCO CR GI 881 2PCO	2D7308	1	STD
CONTINENTAL												
			4 CYL			N62, N4062	2	3/8	3/32 3/32 3/16	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
			4 CYL			F163 Fits Service Piston for F162	3	7/16	5/64 3/32 3/32 1/4	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	4 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	4 STD 1.00

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CONTINENTAL												
				4 CYL		AU10, AU10R, Y69A	2	5/8	3/32 3/32 3/16	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
				4 CYL		C4113, F124, F4124, LF124, PF124	3.000	1/8 1/8 1/8 1/4	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
				6 CYL		F186, F6186	3.000	1/8 1/8 1/8 1/4	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	4182	6 STD	
				4 CYL		F124, F4124, LF124, PF124	3.000	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 871 FV CR 732 FV CR	2C7758	4 STD	
				6 CYL		FS218	3	1/4	3/32 3/32 5/32 5/32	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
				4 CYL		Z129, ZA129	3	1/4	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7789	4 STD
				6 CYL		F226, F6226, FO6226 Checker Cab	3	5/16	3/32 3/32 5/32 5/32	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 CYL		F226, F227 Cont. Piston #F227A4061E	3	5/16	5/64 3/32 3/32 1/4	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6912	6 STD
				4 CYL		Z134	3	5/16	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7578	4 STD
				4 CYL	Sleeved Eng.	Z134	3	3/8	3/32 1/8 1/8 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7207	4 STD
				4 CYL		G157 AI Piston GD157-Diesel Eng	3	3/8	1/8 1/8 1/8 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D7536	4 STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CONTINENTAL												
				4 CYL		Z129, Z134 Increase Bore	3 3/8	3/32 3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7671	4	STD
				4 CYL	Sleeved Eng.	C143, C400, C4143, G157 4 Ring Piston CI Piston 7-145 Aluminum Piston Z145, Z134 Increase Bore	3 3/8	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7762	4	STD
				6 CYL		F245 Fits Service Piston for F244	3 7/16	5/64 3/32 3/32 1/4	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	6	STD 0.75 1.00
				1 CYL		TM13, 20, 27 LP or Natural Gas	91.00 3.583	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
CUMMINS												
				12 cu. ft.		Compressor Diesel Eng	3 7/16	3/32 3/32 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6588	1	STD
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6588	1	STD
				13.2 cu. ft.		Compressor Diesel Eng	3 5/8	1/8 1/8 3/16	126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5838 5838010	1	STD 0.25
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5838	1	STD
				6 CYL	95,100 H.P. 105, 110 H.P. 125, 130 H.P. 150, 160 H.P. 165, 175 H.P. 175 H.P.	J, J6 JF, JF6 JN, JN6 JS, JS6 JNS, JNS6 JT, JT6, JT10, JT15, JT20 Diesel Eng	4 1/8	1/8 1/8 1/8 3/16	372 FKST CR DI 170 FKST PC GI 170 FKST PC GI 565 CF CR GI 881 2PCO	2C6016	6	STD
				6 CYL	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.	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, NHR, NHR6 NHS, NHS6 NHS600, NRT, NRT6, NRT20 NRTO, NRTO6 NT, NT6, NT20 NVH, NVH12 Diesel Eng	5 1/8	5/32 5/32 5/32 1/4	381 FKST CR DI 180 FKST PC GI 180 FKST PC GI 579 CF KST CR GI 881 2PCO	2C6500	6	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
CUMMINS												
	3900	239	3.9 L	4 CYL	4BT	Turbo Diesel	102.00 4.016	3.00 2.35 4.00	208 FKST CC DI 135 T PC GI 553 CF CR GI 881 2PCO	2C4936	4	STD
2008-On	3922		3.9 L	4 CYL	4BT-G3, 4B, 4B3.9M, 4BT, 4BT3.9M	AMW Series 2500 2516HL AMW Series 2500 2516TM Turbo Diesel	102.00 4.016	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
1999-02	5880		5.9 L	6 CYL	6 BT	12 Valve/ 24 Valve Turbo Diesel	102.00 4.016	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
2004-07	5880	359	5.9 L	6 CYL	6 BT5.9, 6 BTA	AMW Series 12 Valve/ 24 Valve Turbo Diesel OE Ref#3804990/4089258	102.00 4.016	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
	5880	359	5.9 L	6 CYL	B Series	Non Turbo, 12valve Naturally Aspirated OE Ref.#3802040 Diesel Eng	102.00 4.016	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
	5883		5.9 L	6 CYL	6B5.9, 6BT5.9, 6BTA-5.9	Turbo Diesel OE Ref. #3802750 Turbo Diesel	102.00 4.016	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
2007-17	6700	408	6.7 L	6 CYL	ETJ, EJK, ISB 200 Vin. C,A,L	OE Ref. #4955366 Turbo Diesel	107.00 4.213	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 0.50 1.00
DACIA												
2012-On	898		0.9 L	3 CYL	H4B 400 H4B 405 H4B 408 H4B 410	Logan, Sandero	72.20	1.20 1.50 2.00	326 TBF GN SS 410 TFN CR DI 993 FV GN SS 714 GN SS	2N5307	1	STD
2012-18	1197		1.2 L	4 CYL	H5F 402 H5F 404 H5F 410	Dokker, Duster, Lodgy	72.20	1.20 1.50 2.00	326 TBF GN SS 410 TFN CR DI 993 FV GN SS 714 GN SS	2N5307	1	STD
DAEWOO												
1999-On	600		0.6 L	3 CYL	F6B Suzuki Eng.	Matiz, Tico	68.50 2.697	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
2003-On	796		0.8 L	3 CYL	3EA Pontiac Eng SOHC	Matiz	68.50 2.697	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
1999-02	800		0.8 L	3 CYL	F8C, F8CV Suzuki Eng.	Damas, Mitiz, Tico	68.50 2.697	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
2003-10	995		1.0 L	4 CYL	4EA Pontiac Eng SOHC	Matiz, Tico	68.50 2.697	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C4522 2C452250 2C452275 2C4522100	4	STD 0.50 0.75 1.00
2006-07	1150		1.2 L	4 CYL	LQ5 Pontiac Eng SOHC	AVEO Stufenheck	68.50 2.697	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C4522 2C452250 2C452275 2C4522100	4	STD 0.50 0.75 1.00
	1378		1.4 L	4 CYL			76.50 3.012	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
DAEWOO												
1985-96	1498		1.5 L	4 CYL	A15MF	Leman, Espeso, Lanos, Kadett Nubira, Nexia,	76.50 3.012	1.50 1.50 3.00	032 BF PC GI 401 SCRP PC GI 054 FV CR 732 FV CR 362 BF 3CR GI 401 SCRP PC GI 054 FV CR 732 FV CR	4819 4819010 4819020 4819030 4819040 2C4819 2C4819010 2C4819020 2C4819030 2C4819040	4	STD 0.25 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00
DAF												
1961-91	6137		6.1 L	6 CYL	DF 615, DT 615, DTD 615	Diesel Eng.	104.17 4.101	2.50 2.50 2.50 6.00 6.00	363 BF CR GI 035 TF P GI 035 TF P GI 200 CF PC GI 501 1PCO PC GI	2D7095	1	STD
DAIHATSU												
	544		0.5 L	2 CYL	EK23	Fuji	76.00 2.992	1.50 1.50 2.80	032 BF PC GI 126 RVT PC GI 861 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 861 FV CR 732 FV CR	6153 6153010 6153020 6153030 6153040 2C6153 2C6153010 2C6153020 2C6153030 2C6153040	2	STD 0.25 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00
1983-98	843		0.8 L	3 CYL		Charade CD Hi-Jet, Sparcar, Zebra	70.00 2.756	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	6163 2C6163 2C6163010 2C6163020 2C6163030	3	STD STD 0.25 0.50 0.75
2003-On	989		1.0 L	3 CYL	EJ Gasoline	Mira, Gino, Storia	72.00 2.835	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
1978-92	993		1.0 L	3 CYL	CB10, CB32, CB90, G10	Charade	76.00 2.992	1.50 1.50 2.80	032 BF PC GI 435 SCRP PC GI 861 FV CR 732 FV CR 362 BF 3CR GI 435 SCRP PC GI 861 FV CR 732 FV CR	4459 4459020 4459030 4459040 2C4459 2C4459010 2C4459020 2C4459030 2C4459040	3	STD 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00
1989-92	1295		1.3 L	4 CYL	HCE	Applause, Charade, G102S, G112S	76.00 2.992	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 996 FV CR 732 FV CR	2C4875 2C4875010 2C4875020 2C4875030	4	STD 0.25 0.50 0.75
2005-08	1298		1.3 L	4 CYL	K3-VE Toyota Eng. DOHC	Sirion, Terios	72.00 2.835	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
1990-92	1589		1.6 L	4 CYL	HDE	Rocky	76.00 2.992	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 996 FV CR 732 FV CR	2C4875 2C4875010 2C4875020 2C4875030	4	STD 0.25 0.50 0.75

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
DEUTZ												
1982-On	4086		4.1 L	4 CYL	BF 4 L 913 BF 4 L 913 T	Diesel Eng.	102.00 4.101	2.94 3.00 2.50 5.00	379 FKST BF PM DI 225 FKST CR DI 035 TF PC GI 553 2PCO CR GI	2D5635	1	STD
1982-On	4086		4.1 L	4 CYL	BF 4 L 913 T	Diesel Eng.	102.00 4.101	2.94 2.50 2.50 5.00	379 FKST BF PM DI 035 TF PC GI 414 TFN GI 553 2PCO CR GI	2D5646	1	STD
1986-On	6128		6.1 L	6 CYL	BF 6 L 913 BF 6 L 913 C BF 6 L 913 T	Diesel Eng.	102.00 4.101	2.94 3.00 2.50 5.00	379 FKST BF PM DI 225 FKST CR DI 035 TF PC GI 553 2PCO CR GI	2D5635	1	STD
1986-On	6128		6.1 L	6 CYL	BF 6 L 913 T	Diesel Eng.	102.00 4.101	2.94 2.50 2.50 5.00	379 FKST BF PM DI 035 TF PC GI 414 TFN GI 553 2PCO CR GI	2D5646	1	STD
DODGE TRUCKS												
1935-40				6 CYL		K, LF, TD, VD Series	3 1/4	1/8 1/8 5/32 5/32	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	441	6	STD
1971-84	1597	98	1.6 L	4 CYL			76.90 3.028	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
1979-82	1999	122	2.0 L	4 CYL		D50	84.00 3.307	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
1983-86	1999	122	2.0 L	4 CYL	A Eng.		85.00 3.346	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
1987-89	1999	122	2.0 L	4 CYL	A Eng.		85.00 3.346	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
DODGE TRUCKS												
1981-85	2212	135	2.2 L	4 CYL	Vin. B, C, D	Deep Oil Ring Grv.	87.50 3.445	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
1985-89	2212	135	2.2 L	4 CYL	Vin. B, C, D	Shallow Oil Ring Grv.	87.50 3.445	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
1983-87	2343	143	2.3 L	4 CYL	4D55	Ram, D50 Diesel Eng	91.10 3.587	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
1990-93	2350	146	2.4 L	4 CYL	4G64 Mitsubishi Eng		86.50 3.405	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
1993-96	2350	146	2.4 L	4 CYL	4G64 Mitsubishi Eng		86.50 3.405	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
1993-05	2400	146	2.4 L	4 CYL	4G64 Mitsubishi Eng	RSD2	86.50 3.405	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
1998-05	2429	148	2.4 L	4 CYL	Vin: B,R,X,1,3		87.50 3.445	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
DODGE TRUCKS												
1996-02	2507	153	2.5 L	4 CYL	L4 Vin. P		98.43 3.875	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
1986-95	2507	153	2.5 L	4 CYL		Shallow Oil Ring Grv.	87.50 3.445	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
1979-83	2555	156	2.6 L	4 CYL	G54B Vin. E, G, W, 7, F Mitsubishi Eng		91.10 3.587	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
1983-89	2555	156	2.6 L	4 CYL	G54B Vin. E,G Mitsubishi Eng		91.10 3.587	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
2003-10	2685	165	2.7 L	5 CYL	OM 612, OM 647 Mercedes Eng.	Sprinter 20 V Turbo Diesel L5	88.00 3.465	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
DODGE TRUCKS												
1961-69	2786	170	2.8 L	6 CYL	Vin. A		86.36 3.400	5/64 5/64 3/16	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
1987-04	2972	181	3.0 L	6 CYL	6G72 Vin: H Mitsubishi Eng		91.10 3.587	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
1991-05	2972	181	3.0 L	6 CYL	6G72 Vin: H Mitsubishi Eng	Dodge Stratus	91.10 3.587	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
2007-09	2987		3.0 L	6 CYL	EXM	Sprinter Diesel Eng	83.00 3.268	2.00 2.00 2.00	240 FKST CC DI 126 RVT PC GI 248 CF CR 881 2PCO	2D7367	1	STD
1970-73	3245	198	3.2 L	6 CYL	Vin. A		86.36 3.400	5/64 5/64 3/16	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
1998-09	3294	201	3.3 L	6 CYL	Vin: G,R,3	Shallow Top Grv.	93.00 3.661	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
1988-97	3300	201	3.3 L	6 CYL	Vin. K, J, R, 3		93.00 3.661	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
DODGE TRUCKS												
1993-94	3507	214	3.5 L	6 CYL			96.00 3.779	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
1934-56	3572	218	3.6 L	6 CYL		L-head	3	1/4	3/32 3/32 5/32 732 FV CR 5/32 501 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
2011-15	3605	220	3.6 L	6 CYL	ERB Vin: G	Avenger, Caravan, Durango, Journey, Flexfuel	96.00 3.779	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
1961-87	3687	225	3.7 L	6 CYL	Vin: B, C, E, M, N, W, X		86.36 3.400	5/64 5/64 3/16	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
1999-11	3703	226	3.7 L	6 CYL	Vin: K		93.00 3.661	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
1941-60	3769	230	3.8 L	6 CYL		L-head	3	1/4	3/32 3/32 5/32 732 FV CR 5/32 501 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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
DODGE TRUCKS												
1991-00	3785	231	3.8 L	6 CYL			96.00 3.779	1.50 1.50 3.00	032 BF PC GI	4648	6	STD
									126 RVT PC GI	4648010		0.25
									872 FV CR	4648020		0.50
									732 FV CR	4648030		0.75
										4648040		1.00
										4648060		1.50
									327 BF PM GI	2M4648	6	STD
									126 RVT PC GI	2M4648020		0.50
									872 FV CR	2M4648030		0.75
									732 FV CR	2M4648040		1.00
										2M4648060		1.50
									322 BF GN SS	2N4648	6	STD
									126 RVT PC GI	2N464850		0.50
									987 FV GN SS			
									714 GN SS			
2001-10	3800	231	3.8 L	6 CYL	Vin. L, P, 1	Caravan, Nitro	96.00 3.779	1.20 1.50 3.00	398 BF CR S	2C4890	6	STD
									126 RVT PC GI	2C4890004		0.10
									872 FV CR	2C4890010		0.25
									732 FV CR	2C4890020		0.50
										2C4890030		0.75
										2C4890040		1.00
										2C4890060		1.50
									397 BF PM S	2M4890	6	STD
									126 RVT PC GI	2M4890010		0.25
									872 FV CR	2M4890020		0.50
									732 FV CR	2M4890030		0.75
										2M4890040		1.00
1992-03	3917	239	3.9 L	6 CYL	Vin: X	Shallow Oil Ring Grv.	99.31 3.910	2.00 2.00 4.00	032 BF PC GI	4760	6	STD
									126 RVT PC GI	4760020		0.50
									872 FV CR	4760030		0.75
									732 FV CR	4760040		1.00
										4760060		1.50
									363 BF CR GI	2C4760	6	STD
									126 RVT PC GI	2C4760020		0.50
									872 FV CR	2C4760030		0.75
									732 FV CR	2C4760040		1.00
										2C4760060		1.50
									397 BF PM S	2M4760	6	STD
									126 RVT PC GI	2M4760020		0.50
									872 FV CR	2M4760030		0.75
									732 FV CR	2M4760040		1.00
										2M4760060		1.50
1987-91	3917	239	3.9 L	6 CYL	EHA		3.910	5/64 5/64 3/16	032 BF PC GI	5560	6	STD
									126 RVT PC GI	5560020		0.50
									860 FV CR	5560030		0.75
									732 FV CR	5560040		1.00
										5560060		1.50
									362 BF 3CR GI	2C5560	6	STD
									126 RVT PC GI	2C5560020		0.50
									860 FV CR	2C5560030		0.75
									732 FV CR	2C5560040		1.00
										2C5560060		1.50
									397 BF PM S	2M5560	6	STD
									126 RVT PC GI	2M5560020		0.50
									860 FV CR	2M5560030		0.75
									732 FV CR	2M5560040		1.00
										2M5560060		1.50
2007-11	3952	241	4.0 L	6 CYL	Vin. X	Caravan, Nitro	96.00 3.779	1.20 1.50 3.00	398 BF CR S	2C4890	6	STD
									126 RVT PC GI	2C4890004		0.10
									872 FV CR	2C4890010		0.25
									732 FV CR	2C4890020		0.50
										2C4890030		0.75
										2C4890040		1.00
										2C4890060		1.50
									397 BF PM S	2M4890	6	STD
									126 RVT PC GI	2M4890010		0.25
									872 FV CR	2M4890020		0.50
									732 FV CR	2M4890030		0.75
										2M4890040		1.00

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
DODGE TRUCKS												
1954-68	4113	251	4.1 L	6 CYL			3	7/16	5/64 5/64 3/16	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	
1955-56	4261	260	4.3 L	8 CYL	C3B8, C8, D8, F8, G8, H8		3	9/16	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	630 630060	8 STD 1.50
1955-68	4343	265	4.3 L	6 CYL			3	7/16	5/64 5/64 3/16	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	
1955-59	4425	270	4.4 L	8 CYL			3	5/8	5/64 5/64 3/16	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	
1964-67	4474	273	4.5 L	8 CYL			3	5/8	5/64 5/64 3/16	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	
2008-13	4670	285	4.7 L	8 CYL	Vin: P	Dakota, Ram flex fuel	93.00 3.661	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	
1999-07	4703	287	4.7 L	8 CYL	Vin: N		93.00 3.661	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	

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
DODGE TRUCKS												
1958-65	5129	313	5.1 L	8 CYL		Canada	3	7/8	5/64 5/64 3/16	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
1955-59	5162	315	5.2 L	8 CYL			3	5/8	5/64 5/64 3/16	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
1959-93	5211	318	5.2 L	8 CYL	Vin. E, G, P, T, U, Y		3.910		5/64 5/64 3/16	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
1991-03	5211	318	5.2 L	8 CYL	Vin:T,Y	Shallow Oil Ring Grv.	99.31 3.910	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
DODGE TRUCKS												
2009-15	5654	345	5.7 L	8 CYL	EZC, EZH Vin: T	Challenger, Charger, 300 Hemi	99.50 3.917	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
2003-08	5703	348	5.7 L	8 CYL	Vin: D,H,2	Hemi	99.50 3.917	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 997 FV CR 732 FV CR 397 BF PM S 126 RVT PC GI 997 FV CR 732 FV CR	5097 5097010 5097020 5097030 5097040 2M5097 2M5097010 2M5097020 2M5097030 2M5097040 2M5097060	8	STD 0.25 0.50 0.75 1.00 0.25 0.50 0.75 1.00 1.50
1957-59	5801	354	5.8 L	8 CYL			3 15/16	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	636 636030	8	STD 0.75
1989-03	5883	359	5.9 L	6 CYL	6B-5.9, 6BT 5.9 Vin: C,D, 7, Z Cummins Eng. 12V, 24V incl Turbo	D250, D350, Ram2500, 3500 W250, W350 OE Ref. #3802421 Diesel Eng	102.00 4.016	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
2004-07	5883	359	5.9 L	6 CYL	6B-5.9, 4B-5.9 12V, 24V Cummins Eng. incl Turbo	Ram 2500, 3500, 4000 OE Ref #3804990/4089258 Diesel Eng 2nd ring increased gap	102.00 4.016	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
1972-94	5899	360	5.9 L	8 CYL	Vin. F, K, W, S, T, U, V, Y, Z, 1, 5		4.000	5/64 5/64 3/16	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	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 STD 0.13 0.25 0.50 0.75 1.00 1.50 1.75 2.00 2.50
1995-04	5899	360	5.9 L	8 CYL	Vin: Z		101.60 4.000	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
DODGE TRUCKS												
1960-76	5916	361	5.9 L	8 CYL			4 1/8	3/32 3/32 3/16	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
2005-10	6063	370	6.1 L	8 CYL	Vin. W, 3		103.00 4.055	1.50 1.50 3.00	397 BF PM S 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
1950-52	6178	377	6.2 L	6 CYL			4.000	3/32 1/8 1/8 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5156	6	STD
1967-71	6276	383	6.3 L	8 CYL	Vin. J		4 1/4	5/64 5/64 3/16	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
2011-20	6424	392	6.4 L	8 CYL	ESH Vin J	SRT8, Challengerr, Charger Hemi OHV FI	104.00 4.094	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
2014-18	6424	392	6.4L	8 CYL	ESA,ESB Vin: J Naturally Aspirated	RAM 2500, 3500, 4500, 5500	103.90 4.091	1.50 1.20 2.00	397 BF PM S 406 N PC DI 991 FV CR 732 FV CR	2M5433	8	STD
1972-79	6555	400	6.6 L	8 CYL			4.342	5/64 5/64 3/16	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
2007-17	6700	408	6.7 L	6 CYL	ETJ, ETK Vin. A,L	RAM 2500, 3500, 4500,5500 Turbo/Intercooled Cummins OE Ref. #4955366 Diesel	107.00 4.213	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 0.50 1.00

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
DODGE TRUCKS												
1972-80	7210	440	7.2 L	8 CYL			4.320	5/64 5/64 3/16	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
1970-78	7833	478	7.8 L	8 CYL			4 1/2	3/32 3/32 3/16	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
1994-03	7997	488	8.0 L	10 CYL	Vin: W		101.60 4.000	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
2008-14	8439	515	8.4 L	10 CYL	Vin. N,Z		103.00 4.055	1.50 1.50 3.00	397 BF PM S 406 N PC DI 054 FV CR 732 FV CR	2M5378 2M5378020 2M5378030 2M5378040	10	STD 0.50 0.75 1.00
1970-78	8997	549	9.0 L	8 CYL			4 1/2	3/32 3/32 3/16	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
FAIRBANKS												
					ZC Eng.	ZC118 6-7 H.P.	5.000	3/16 3/16 3/16	102 T PC GI 435 SCRPP PC GI 501 1PCO PC GI 825 2PCO	6081	1	STD
					Z Eng. ZC Eng.	6 H.P. ZC208 8-9 H.P.	5	3/4 3/16 3/16	102 T PC GI 435 SCRPP PC GI 501 1PCO PC GI 825 2PCO	6082 6082020 6082030	1	STD 0.50 0.75
FERGUSON												
				4 CYL	Z120 Cont. TE20, TO20 Allied #WSA312 Genuine Parts #S104 Thompson #SA169 White Machine #G219HCH INCREASE BORE Slv ASSEMBLY		3 1/4	3/32 3/32 5/32 5/32	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	7582	4	STD
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C7582	4	STD
				4 CYL	Z129 Eng. Cont. TO30		3 1/4	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7789	4	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FERGUSON												
				4 CYL	Z129 Cont. TO30 M & W Slv Kit Superior Piston #A993 Superior Piston #A1096 INCREASE BORE Slv ASSEMBLY		3 5/16	3/32 3/32 5/32 5/32	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	7537	4	STD
				4 CYL	Z134 Cont. F40, 35, TO35		3 5/16	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7578	4	STD
				4 CYL	Z129 Cont. TO30 Sealed Power #SL1762 M & W Gear #SP23 McQuay Norris #SA201 INCREASE BORE Slv ASSEMBLY		3 3/8	3/32 3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7671	4	STD
				4 CYL	Z129 Eng. Cont. TO30 M & W Slv Kit Superior Piston #A1096 Superior Piston #A993 INCREASE BORE Slv ASSEMBLY		3 3/8	1/8 1/8 1/8 3/16	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7762	4	STD
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7762	4	STD
FIAT												
				4 CYL		147, 148 Mod Gas/Alch Fits Brazilian Mahle Piston	76.00 2.992	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
				4 CYL		La Piccola- R411 R/C	85.00 3.346	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
				6 CYL		308, 308L, 343, 418AC, 418L, Auto Bus & 684-NA, NB, NC, T Auto Capri	122.00 4.803	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
	499	0.5 L	2 CYL	110 D.000		N500 D-F-L-GTN	70.00 2.756	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
1960-70	767	0.8 L	4 CYL	100D		Fiat 600D, 770, 767 Water Cooled OHV	62.00 2.441	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FIAT												
1986-95	770		0.8 L	4 CYL	141 B.000	Panda 750	65.00 2.559	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
1963-73	843		0.8 L	4 CYL	100 GL6.000	850	65.00 2.559	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
1991-10 1991-93	899 903		0.9 L	4 CYL	1170 A1.046 170 A1.000, 170 A1.046	Cinquecento, Panda, Seicento	65.00 2.559	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
1970-99	903		0.9 L	4 CYL	M020AA.09.0,146A.000, 146 A.1000,146 A.048, 1170 A1.000	Uno 45, Panda, Panda 900, Fiorino 1.0, 127, Cinquecento 0.9	65.00 2.559	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
2016-On	999		1.0 L	3 CYL	GSE-N3 1.0 Firefly	Argo, Mobi, Uno	70.00 2.756	1.00 1.20 1.50	398 BF CR S 610 RVT PC GI 981 FV CR 005 FV CR	2C4088 2C408840	3	STD 0.40
1985-On	999		1.0 L	4 CYL	156 A2.246, 156 A2.050, 156 A3.000,156 C.046	Panda 1000, Uno 45, 50, 60	70.00 2.756	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
1978-82	1049		1.0 L	4 CYL	127 A1.000, 127 A6.000	1.0 Sport, Ritmo I 60	76.00 2.992	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
1993-99	1108		1.1 L	4 CYL	176A6 SPI, M644LA.11.T M609VA.11.C	Punto 55 Cinquecento Panda 1100	70.00 2.756	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FIAT												
1988-92	1108		1.1 L	4 CYL	160 A3.000 M 204 AA 11.0	Tipo 1.1, Uno 60	70.00 2.756	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
1972-89	1166		1.1 L	4 CYL	115C, 128A,	Sedan, Wagon, GV	80.00 3.150	1.50 2.00 4.00	102 T PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR	6814 6814020 6814030 6814032 6814040 6814060	4	STD 0.50 0.75 0.80 1.00 1.50
									362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C6814 2C6814020 2C6814024 2C6814030 2C6814032 2C6814040 2C6814060 2C6814063	4	STD 0.50 0.60 0.75 0.80 1.00 1.50 1.60
1963-69	1221		1.2 L	4 CYL		1100D, 1100TZ	72.00 2.835	2.00 2.00 4.00	362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C6752	4	STD
1993-99	1242		1.2 L	4 CYL	176A8MPI 176B9000 176A6SPI 176A7SPI	Punto 75 Punto 85 16V Punto 60 Punto 60 Cabrio	70.80 2.787	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
2003-12	1248		1.3 L	4 CYL	169 A1.000 188 A8.000 199 A2.000	500, 500C, Panda Doblo,Panda, Idea, Punto,Siena Fiorino, Doblo, Punto	69.60 2.740	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
2008-On	1248		1.3 L	4 CYL	199 B2.000 Euro 5 199 B4.000 Euro 5	500L, Punto Turbo Diesel	69.60 2.740	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
1972-84	1290		1.3 L	4 CYL	128A1.000/AC.000 128AS.000	X1/9,128 Sedan, Wagon	86.00 3.386	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
									362 BF 3CR GI 435 SCRPP PC GI 056 FV CR 732 FV CR	2C9514 2C9514010 2C9514016 2C9514020 2C9514030 2C9514040	4	STD 0.25 0.40 0.50 0.75 1.00
1963-69	1295		1.3 L	4 CYL		125P, 1300	72.00 2.835	2.00 2.00 4.00	362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C6752	4	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FIAT												
1974	1297		1.3 L	4 CYL	131	1300 Mirafiori Special Familiare	76.00 2.992	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
1976	1297		1.3 L	4 CYL	131A	Fiorino 1300 Panorama 1300 1500, Gas/Alch Fits Brazilian Mahle Piston	76.00 2.992	1.50 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 055 FV CR 732 FV CR	4831 4831016 4831024	4	STD 0.40 0.60
									363 BF CR GI 401 SCRPP PC GI 055 FV CR 732 FV CR	2C4831 2C4831016 2C4831024	4	STD 0.40 0.60
1974-83	1297		1.2 L	4 CYL	127 A3.000,131 A6.000, 131 B.000	1.3 Sport, 1.3 Mirafiori	76.00 2.992	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
1985-91	1301		1.3 L	4 CYL	146 A2.000,146 A2.146, 146 A2.246	Uno Incl. Turbo	80.50 3.169	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
1978-89	1302		1.3 L	4 CYL	138 A1.000,138 A3.000, 138 B2.000,149 A7.000, 149 A3.000	Regata, Ritmo, Uno, X 1/9 Brazilian Mahle Piston	86.40 3.401	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
2005-12	1368		1.4 L	4 CYL	178 F3.011, 178 F3.011 199 A7.000, 350 A1.000	Doblo, Idea, Linea Siena, Palio, Punto	72.00 2.835	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
2007-On	1368		1.4 L	4 CYL	198.A1.000, 198.A4.000 312 A1.000, 312 A3.000	500, 500L,Bravo, Doblo, Punto Turbo Intercooled	72.00 2.835	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 990 FV CR 732 FV CR	2C5266 2C5266016 2C5266010 2C5266020 2C5266024 2C5266030 2C5266040	4	STD 0.40 0.25 0.50 0.60 0.75 1.00
2009	1368		1.4 L	4 CYL	8X Flex	Punto EVO	72.00 2.835	1.00 1.00 1.50	398 BF CR S 123 RVT PC DI 981 FV CR 005 FV CR	2C5681	4	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FIAT												
1988-01	1372		1.4 L	4 CYL	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	Fiorino, Tempra, Tipo, Uno	80.50 3.169	1.50 1.75 3.00	032 BF PC GI 401 SCRP PC GI 054 FV CR 732 FV CR 362 BF 3CR GI 401 SCRP 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
1967-75	1438		1.4 L	4 CYL	828A, 124B	Beta 1400, Coupe, Synder Sedan, Wagon, Special	80.00 3.150	1.50 2.00 4.00	102 T 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	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
1961-70	1481		1.5 L	4 CYL	115C	1500 Spyder, C, L, TS	77.00 3.031	2.00 2.00 4.00	102 T PC GI 435 SCRP PC GI 055 FV CR 732 FV CR 362 BF 3CR GI 435 SCRP PC GI 055 FV CR 732 FV CR	6741 2C6741 2C6741020 2C6741024 2C6741040	4	STD STD 0.50 0.60 1.00
1969-71	1491		1.5 L	4 CYL		1500S, 1600	78.00 3.071	2.00 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	6860 2C6860	4	STD STD
1979-82	1498		1.5 L	4 CYL	138A, 138AE	X 1/9 Strada, Delta 1500	86.40 3.401	1.50 2.00 4.00	032 BF PC GI 401 SCRP PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 401 SCRP 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
1978-89	1498		1.5 L	4 CYL	138 A2.000, 138 A4.000, 138 B3.048	Regata, Ritmo Brazilian Mahle Piston	86.40 3.401	1.50 2.00 4.00	032 BF PC GI 401 SCRP PC GI 058 FV CR 732 FV CR 363 BF CR GI 401 SCRP PC GI 058 FV CR 732 FV CR	4804 4804016 4804024 4804040 2C4804 2C4804008 2C4804016 2C4804020 2C4804024 2C4804040	4	STD 0.40 0.60 1.00 STD 0.20 0.40 0.50 0.60 1.00
1992-On	1500		1.5 L	4 CYL	E201	Fiorino, Pick-Up	76.00 2.992	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FIAT												
2007-On	1560		1.6 L	4 CYL	9HU	Chassis, Scudo Turbo Diesel	75.00 2.953	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
1995-02	1581		1.6 L	4 CYL	185 A3.000, 182 A6.000, 182 A4.000, 178 B3.000	Brava, Palio, Marea	86.40 3.401	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
1988-97	1581		1.6 L	4 CYL	160 A2.000, 176 A9.000 220 A 2.000, 835 C1.000	Punto, Scudo Box, Tempra, Tipo Brazilian Mahle Piston	86.40 3.401	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
	1585		1.6 L	4 CYL		Florida	86.40 3.401	1.50 2.00 3.00	362 BF 3CR GI 401 SCRPP PC GI 054 FV CR 732 FV CR	2C4519	4	STD
1974-On	1585		1.6 L	4 CYL	131	Mirafiori Special Familiare	84.00 3.307	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
1968-76	1608		1.6 L	4 CYL	125A, 132AB, 132AC	124 Coupe, Spyder, Beta 1600	80.00 3.150	1.50 2.00 4.00	102 T PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR	6814 6814020 6814030 6814032 6814040 6814060	4	STD 0.50 0.75 0.80 1.00 1.50
									362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C6814 2C6814020 2C6814024 2C6814030 2C6814032 2C6814040 2C6814060 2C6814063	4	STD 0.50 0.60 0.75 0.80 1.00 1.50 1.60
1971-78	1756		1.8 L	4 CYL	132, 132A,	124 Coupe, Brava, Spider	84.00 3.307	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FIAT												
1959-68	1795		1.8 L	6 CYL	112B	Eng. 1800, 1800B	72.00 2.835	2.00 2.00 4.00	362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C6709	6	STD
1998-06	1868		1.9 L	4 CYL	DW8, WJY, WJZ	Scudo Box Diesel Eng	82.20 3.236	2.00 2.00 3.00	205 BF CR DI 210 SCRPP TF PC DI 204 CF CR DI 881 2PCO	2D5858 2D585850	1	STD 0.50
1995-06	1905		1.9 L	4 CYL	D8B, DHX, XUD9TE	Turbo Diesel w/3.50mm Keystone top grv.	83.00 3.268	3.50 2.00 3.00	224 FKST PM DI 202 TTF PC DI 204 CF CR DI 881 2PCO	2M7157	1	STD
1995-On	1905		1.9 L	4 CYL	D8B, DHX XUD9BTF, XUD9TE, XUD9TF DOHC	Scudo, Ducato Ulysee Turbo Diesel	83.00 3.268	3.00 2.00 3.00	221 FKST CC DI 202 TTF PC DI 204 CF CR DI 881 2PCO	2D7351	1	STD
1993-02	1905		1.9 L	4 CYL	DJY, XUD9A DOHC	Diesel Eng	83.00 3.268	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
1999-09	1910		1.9 L	4 CYL	223 A6.000, 192 A3.000 188 A7.000, 186 A6.000 188 A3.000, 188 A2.000	Marea, Multipla, Palio, Punto, Stilo, Doblo, Siena, Strada Turbo Diesel	82.00 3.228	2.50 2.00 2.00	217 BF CR DI 210 SCRPP TF PC DI 248 CF CR 881 2PCO	2C7340	1	STD
1996-02	1910		1.9 L	4 CYL	182 A7.000, 182 A8.000	Brava, Marea Turbo Diesel	82.00 3.228	3.00 2.00 3.00	221 FKST CC DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2D7259	1	STD
2000-12	1910		1.9 L	4 CYL	182 B4.000, 182 B9.000 188 A3.000, 223 A6.000	Brava, Bravo, Doplo, Marea, Palio, Punto, Siena, Diesel Eng.	82.00 2.00 2.00	2.00 2.00 2.00	376 BF CR DI 414 TFN GI 553 2PCO CR GI	2D7097	1	STD
1997-10	1910		1.9 L	4 CYL	192A5.000, 192B1.000, 937A4.000, 937A5.000, 937A6.000, 939A2.000 182B9.000, 186A6.000, 186A8.000, 188A2.000, 188A3.000, 188A7.000, 192A1.000, 192A1.000, 186A9.000, 188B2.000, 939A3.000, 223A6.000 192A8.000, 199A5.00, 223A7.000, 937A7.000, D19AA	Bravo,Croma,Doblo,Multipla, Marea, Palio, Punto, Stilo Turbo Diesel	82.00 3.228	2.00 2.00 2.00	205 BF CR DI 214 RVL PC DI 248 CF CR 881 2PCO	2D7366 2D736640 2D736660	1	STD 0.40 0.60
2006-On	1956		2.0 L	4 CYL	198 A5.000, 250 A1.000 263 A1.000, 844 A2.000 939 B5.000, 940 A5.000 D20AA Euro 5	Bravo, Ducato, Freemont Sedici 2.0 D Multijet Diesel Eng Turbo Intercooled	83.00 3.268	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
1979-83	1995		2.0 L	4 CYL	132C, 132AZ	Spyder 2000, Brava	84.00 3.307	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
2010-On	1997		2.0 L	4 CYL	RH02 RHC, RHD, RHE, RHH	Scudo Diesel Eng	85.00 3.346	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
1999-11	1997		2.0 L	4 CYL	RHR, RHK, DW10	Scudo, Ulysse Turbo Diesel	85.00 3.346	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FIAT												
1992-99	2000		2.0 L	4 CYL		8V MPI (Italian) Celta, Croma, Temptra	84.00 3.307	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 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
2002-06	2179		2.2 L	4 CYL	4W, 4HX	Ulysse Turbo Diesel	85.00 3.346	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
1962-64	2279		2.3 L	6 CYL		2300	78.00 3.071	2.00 2.00 4.00	102 T PC GI 401 SCRPF PC GI 056 FV CR 732 FV CR	6757	6	STD
									362 BF 3CR GI 401 SCRPF PC GI 056 FV CR 732 FV CR	2C6757	6	STD
2002-10	2286		2.3 L	4 CYL	F1AE0481C, F1AE0481D F1AE0481N, F1AE0481T	Ducato Euro 3 Turbo Diesel	88.00 3.465	2.50 2.00 2.50	221 FKST CC DI 206 TF PC DI 204 CF CR DI 881 2PCO	2D7138	1	STD
1996-99	2387		2.4 L	5 CYL	185 A2.000	Marea TD 125 Turbo Diesel	82.00 3.228	3.00 2.00 3.00	221 FKST CC DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2D7259	1	STD
1999-02	2387		2.4 L	5 CYL	185 A6.000, 839 A5.000	Marea Turbo Diesel	82.00 3.228	3.00 2.00 3.00	221 FKST CC DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2D7355	1	STD
2005-On	2387		2.4 L	5 CYL	939 A3.000	CROMA Multijet Turbo Diesel	82.00 3.228	2.00 2.00 2.00	205 BF CR DI 214 RVL PC DI 248 CF CR 881 2PCO	2D7366 2D736640 2D736660	1	STD 0.40 0.60
			2.5 L	4 CYL	131, 132	Daily Diesel Eng	93.00 3.661	3.00 2.00 4.00	376 BF CR DI 401 SCRPF PC GI 200 CF PC GI 881 2PCO	2D9384	4	STD
1998-02	2798		2.8 L	4 CYL	8140.63	Chassis,Ducato w/3.0mm Keystone top grv. Turbo Diesel	94.40 3.716	3.00 2.00 2.50	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7449	1	STD
1997-02	2800		2.8 L	4 CYL	8140.43	Ducato w/3.0mm Keystone top grv. Turbo Diesel	94.40 3.716	3.00 2.00 3.00	225 FKST CR DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2C7353	1	STD
1997-02	2800		2.8 L	4 CYL	8140.43N, 8140.43S	Ducato w/2.5mm Keystone top grv. Turbo Diesel	94.40 3.716	2.50 2.00 2.50	233 FKST PM DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2M7450	1	STD
2006-11	2998		3.0 L	4 CYL	F1CE DOHC	Ceramic Chrome Keystone top ring w/2 pc oil ring Turbo Diesel	95.80 3.772	2.50 2.00 2.50	221 FKST CC DI 206 TF PC DI 204 CF CR DI 881 2PCO	2D7347	1	STD
FORD-BRITISH												
1951-58				6 CYL		Zephyr, Zephyr Zodiac 3 Ring Piston	3 1/8	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 871 FV CR 732 FV CR	690 690040 690060	6	STD 1.00 1.50
1956-63				6 CYL		Mark II, Zephyr, Zodiac	3 1/4	5/64 5/64 3/16	032 BF PC GI 401 SCRPF PC GI 860 FV CR 732 FV CR	5914 5914010 5914060	6	STD 0.25 1.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-BRITISH												
1973-74	940		0.9 L	4 CYL	711M	Escort, Cortina, Capri	3	3/16	1/16 5/64 5/32	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	677 677010 677020 677030 677040 677060	4 STD 0.25 0.50 0.75 1.00 1.50
										363 BF CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C677 2C677020 2C677030 2C677040 2C677060	4 STD 0.50 0.75 1.00 1.50
										327 BF PM GI 126 RVT PC GI 056 FV CR 732 FV CR	2M677 2M677010 2M677020 2M677030 2M677040	4 STD 0.25 0.50 0.75 1.00
1970-on	940		0.9 L	4 CYL		Escort, Cortina, Capri High Performance Rings .005 oversize-File to fit	3	3/16	1/16 5/64 5/32	363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C9502	4 STD
										336 T PM DI 126 RVT PC GI 860 FV CR 732 FV CR	2M9502	4 STD
1959-77	977		1.0 L	4 CYL	105E	Anglia, Perfect	3.188		5/64 5/64 5/32	032 BF PC GI 401 SCRPP PC GI 860 FV CR 732 FV CR	5981 5981040 5981060	4 STD 1.00 1.50
										362 BF 3CR GI 401 SCRPP PC GI 860 FV CR 732 FV CR	2C5981 2C5981010 2C5981020 2C5981030 2C5981040 2C5981060	4 STD 0.25 0.50 0.75 1.00 1.50
1959-67	992		1.0 L	4 CYL	39PS, 8, 9:1;	Anglia, Capri	85.00 3.346	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
1973-74	1098		1.1 L	4 CYL		Escort, Cortina, Capri	3	3/16	1/16 5/64 5/32	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	677 677010 677020 677030 677040 677060	4 STD 0.25 0.50 0.75 1.00 1.50
										363 BF CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C677 2C677020 2C677030 2C677040 2C677060	4 STD 0.50 0.75 1.00 1.50
										327 BF PM GI 126 RVT PC GI 056 FV CR 732 FV CR	2M677 2M677010 2M677020 2M677030 2M677040	4 STD 0.25 0.50 0.75 1.00

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-BRITISH												
1970-on	1098		1.1 L	4 CYL		Escort, Cortina, Capri High Performance Rings .005 oversize-File to fit	3	3/16	1/16 5/64 5/32	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	4 STD
											2M9502	4 STD
1962-67	1198		1.2 L	4 CYL	105E Super	Anglia, Consul, Cortina	3.188		5/64 5/64 5/32	032 BF PC GI 401 SCRP PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 401 SCRP PC GI 860 FV CR 732 FV CR	5981 5981040 5981060	4 STD 1.00 1.50
											2C5981	4 STD
											2C5981010	0.25
											2C5981020	0.50
											2C5981030	0.75
											2C5981040	1.00
											2C5981060	1.50
1959-67	1198		1.2 L	4 CYL	48PS, 8, 7:1;	Classic,Cortina	85.00 3.346	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	4 STD 0.25 0.50 0.75 1.00 1.50
											2C6899	4 STD
											2C6899010	0.25
											2C6899020	0.50
											2C6899030	0.75
											2C6899040	1.00
											2C6899060	1.50
											2M6899	4 STD
											2M6899010	0.25
											2M6899020	0.50
											2M6899060	1.50
1973-74	1298		1.3 L	4 CYL		Escort, Cortina, Capri	3	3/16	1/16 5/64 5/32	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	4 STD 0.25 0.50 0.75 1.00 1.50
											2C677	4 STD
											2C677020	0.50
											2C677030	0.75
											2C677040	1.00
											2C677060	1.50
											2M677	4 STD
											2M677010	0.25
											2M677020	0.50
											2M677030	0.75
											2M677040	1.00
1970-on	1298		1.3 L	4 CYL		Escort, Cortina, Capri High Performance Rings .005 oversize-File to fit	3	3/16	1/16 5/64 5/32	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	4 STD
											2M9502	4 STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-BRITISH												
1959-67	1340	1.3 L	4 CYL	54PS, 8, 5, 5:1			85.00	1.50	032 BF PC GI	6899	4	STD
							3.346	1.50	126 RVT PC GI	6899010		0.25
								4.00	056 FV CR	6899020		0.50
									732 FV CR	6899030		0.75
										6899040		1.00
										6899060		1.50
									362 BF 3CR GI	2C6899	4	STD
									126 RVT PC GI	2C6899010		0.25
									056 FV CR	2C6899020		0.50
									732 FV CR	2C6899030		0.75
										2C6899040		1.00
										2C6899060		1.50
									327 BF PM GI	2M6899	4	STD
									126 RVT PC GI	2M6899010		0.25
									056 FV CR	2M6899020		0.50
									732 FV CR	2M6899060		1.50
1959-67	1498	1.5 L	4 CYL	57PS			85.00	1.50	032 BF PC GI	6899	4	STD
							3.346	1.50	126 RVT PC GI	6899010		0.25
								4.00	056 FV CR	6899020		0.50
									732 FV CR	6899030		0.75
										6899040		1.00
										6899060		1.50
									362 BF 3CR GI	2C6899	4	STD
									126 RVT PC GI	2C6899010		0.25
									056 FV CR	2C6899020		0.50
									732 FV CR	2C6899030		0.75
										2C6899040		1.00
										2C6899060		1.50
									327 BF PM GI	2M6899	4	STD
									126 RVT PC GI	2M6899010		0.25
									056 FV CR	2M6899020		0.50
									732 FV CR	2M6899060		1.50
1967-71	1500	1.5 L	4 CYL		Capri, Cortina		3.188	5/64	032 BF PC GI	5981	4	STD
								5/64	401 SCRP PC GI	5981040		1.00
								5/32	860 FV CR	5981060		1.50
									732 FV CR			
									362 BF 3CR GI	2C5981	4	STD
									401 SCRP PC GI	2C5981010		0.25
									860 FV CR	2C5981020		0.50
									732 FV CR	2C5981030		0.75
										2C5981040		1.00
										2C5981060		1.50
							3	1/4	032 BF PC GI	5909	4	STD
								5/64	401 SCRP PC GI	5909010		0.25
								3/16	860 FV CR	5909060		1.50
									732 FV CR			
									362 BF 3CR GI	2C5909	4	STD
									401 SCRP PC GI			
									860 FV CR			
									732 FV CR			
1973-74	1599	1.6 L	4 CYL		Escort, Cortina, Capri		3	3/16	032 BF PC GI	677	4	STD
								1/16	126 RVT PC GI	677010		0.25
								5/64	056 FV CR	677020		0.50
								5/32	732 FV CR	677030		0.75
										677040		1.00
										677060		1.50
									363 BF CR GI	2C677	4	STD
									126 RVT PC GI	2C677020		0.50
									056 FV CR	2C677030		0.75
									732 FV CR	2C677040		1.00
										2C677060		1.50
									327 BF PM GI	2M677	4	STD
									126 RVT PC GI	2M677010		0.25
									056 FV CR	2M677020		0.50
									732 FV CR	2M677030		0.75
										2M677040		1.00

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE	
FORD-BRITISH													
1970-on	1599		1.6 L	4 CYL		Escort, Cortina, Capri High Performance Rings .005 oversize-File to fit	3	3/16	1/16 5/64 5/32	363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C9502	4 STD	
										336 T PM DI 126 RVT PC GI 860 FV CR 732 FV CR	2M9502	4 STD	
1967-71	1600		1.6 L	4 CYL		Cortina	3.188	5/64 5/64 5/32	032 BF PC GI 401 SCRP PC GI 860 FV CR 732 FV CR	5981 5981040 5981060	4	STD 1.00 1.50	
										362 BF 3CR GI 401 SCRP PC GI 860 FV CR 732 FV CR	2C5981 2C5981010 2C5981020 2C5981030 2C5981040 2C5981060	4	STD 0.25 0.50 0.75 1.00 1.50
1966-67	1700		1.7 L	4 CYL		Corsair, Zephyr, Zodiac	3	11/16	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6791 6791030	2 STD 0.75	
										362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6791 2C6791020 2C6791030 2C6791040	2	STD 0.50 0.75 1.00
1971-74	2000		2.0 L	4 CYL	100 H.P.	Cortina L, G.T.	90.80 3.575	2.00 2.50 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	599 599020 599030 599060	4	STD 0.50 0.75 1.50	
										362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C599 2C599010 2C599020 2C599030 2C599040 2C599060	4	STD 0.25 0.50 0.75 1.00 1.50
1983-On	2000		2.0 L	4 CYL	OHC	Sierra KOLN	90.80 3.575	1.60 2.00 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	4286 4286020 4286030 4286040 4286060	4	STD 0.50 0.75 1.00 1.50	
										363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4286 2C4286010 2C4286020 2C4286030 2C4286040 2C4286060	4	STD 0.25 0.50 0.75 1.00 1.50
	2000		2.0 L	4 CYL		Corsair, Zephyr, Zodiac	3	11/16	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6791 6791030	2 STD 0.75	
										362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6791 2C6791020 2C6791030 2C6791040	2	STD 0.50 0.75 1.00
FORD-CARS													
1916-27				4 CYL		T Ford AI Piston	3.750	1/8 1/8 3/16	032 BF PC GI 126 RVT PC GI 501 1PCO PC GI	776 776040	4	STD 1.00	

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-CARS												
2012-On	998		1.0 L	3 CYL	M1CA,M1CB,M1DA, M1DC,M1DD,M1DH, M1JA,M1JC,M1JE, M1JH,M1JJ,M1JL, M1JM,M2DA,M2DB, M2DC,M2GA,M2GB P4JA,P4JB,P4JC, P4JD,SFCA,SFCB, SFCC,SFCD,SFDA, SFDB,SFJA,SFJB, SFJC,SFJD,SFJE, SFJF,SFJH,SFJJ, SFJK,XMJA,XMJB, XMJC,XMJD,YYJA, YYJB,YYJC,YYJD, YYJE EcoBoost	B-Max ,C-Max, Ecosport,Fiesta, Focus, Mondeo, Tourneo Connect, Transit Courier	71.90 2.831	1.00 1.20 2.00	317 BF GN SS 126 RVT PC GI 990 FV CR 732 FV CR	SN4169 SN416950	3	STD 0.50
			1.0 L	4 CYL	KA Zetec RoCam	Escort, Fiesta Brazilian Mahle Piston W/ 2.0mm Oil Grv.	68.68 2.704	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
1988-97	1300	79	1.3 L	4 CYL	Vin: H	Ford, Mercury	71.00 2.795	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 CYL		Belina, Corcel GT, II, Gas/Alch Brazilian Mahle Piston	75.30 2.965	1.75 2.00 4.00	363 BF CR GI 401 SCRPP PC GI 058 FV CR 732 FV CR	2C4844	4	STD
2013-16	1596		1.6 L	4 CYL	LXV, LXT Vin. E,J,R,X Ti-VCT SOHC/DOHC EcoBoost.	Escape, Fiesta, Fusion, Titanium	79.00 3.110	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
	1596		1.6 L	4 CYL	DOHC	16V Made in China	82.00 3.228	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
2011-On	1596	97	1.6 L	4 CYL	Vin: J DOHC	Fiesta Naturally Aspirated	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
1988-94	1597	98	1.6 L	4 CYL	B6 Mazda Eng.	Mercury Tracer, Capri	78.00 3.071	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
1995-On	1597	97.6	1.6 L	4 CYL	DOHC	Escort, Granada, Fiesta, Orion	76.00 2.992	1.50 1.60 2.50	032 BF PC GI 102 T PC GI 995 FV CR 732 FV CR	5248 5248020 5248040	4	STD 0.50 1.00
									362 BF 3CR GI 102 T PC GI 995 FV CR 732 FV CR	2C5248 2C5248010 2C5248020 2C5248030	4	STD 0.25 0.50 0.75

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-CARS												
1980-85	1597	98	1.6 L	4 CYL	CVH	Escort, Mercury Lynx Incl. Turbo	79.94 3.147	1.60 2.00 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5653 5653010 5653020 5653030 5653040 5653060	4	STD 0.25 0.50 0.75 1.00 1.50
									363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5653 2C5653010 2C5653020 2C5653030 2C5653040 2C5653060	4	STD 0.25 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M5653 2M5653010 2M5653020 2M5653030 2M5653040 2M5653060	4	STD 0.25 0.50 0.75 1.00 1.50
1973-81	1600	97.6	1.6 L	4 CYL	75 H.P.	Ford Fiesta, Ford Pinto	3 3/16	1/16 5/64 5/32	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	677 677010 677020 677030 677040 677060	4	STD 0.25 0.50 0.75 1.00 1.50
									363 BF CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C677 2C677020 2C677030 2C677040 2C677060	4	STD 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 056 FV CR 732 FV CR	2M677 2M677010 2M677020 2M677030 2M677040	4	STD 0.25 0.50 0.75 1.00
	1600		1.6 L	4 CYL		Belina II, Corcel, Escort, Pampa Gas/Alch Fit Brazilian Mahle Piston	77.00 3.031	1.75 2.00 4.00	032 BF PC GI 401 SCRP PC GI 058 FV CR 732 FV CR	4843 4843020	4	STD 0.50
									363 BF CR GI 401 SCRP PC GI 058 FV CR 732 FV CR	2C4843	4	STD
	1600		1.6 L	4 CYL		Escort, Pampa, AE1600 Brazilian Mahle Piston	77.00 3.031	1.50 1.50 2.00	032 BF PC GI 401 SCRP PC GI 993 FV CR 005 FV CR	4977	4	STD 0.50 0.75 1.00
									363 BF CR GI 401 SCRP PC GI 993 FV CR 005 FV CR	2C4977 2C4977020 2C4977040	4	STD 0.50 1.00
2003-On	1600	97.6	1.6 L	4 CYL	Zetec	Couier,Fiesta, Rocam Made in Brazil	82.04 3.230	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
1971-72	1600	97.6	1.6 L	4 CYL	75 H.P.	Ford Fiesta, Ford Pinto	3 3/16	5/64 5/64 5/32	032 BF PC GI 401 SCRP PC GI 860 FV CR 732 FV CR	5981 5981040 5981060	4	STD 1.00 1.50
									362 BF 3CR GI 401 SCRP PC GI 860 FV CR 732 FV CR	2C5981 2C5981010 2C5981020 2C5981030 2C5981040 2C5981060	4	STD 0.25 0.50 0.75 1.00 1.50
1998-07	1753		1.8 L	4 CYL	BHDA, BHDB, C9DA, C9DB, C9DC F9DA, F9DB, FFDA, KKDA SOHC	Focus TDCi Turbo Diesel	82.50 3.248	2.50 2.00 3.00	211 HKST CC DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2D7104 2D710450	1	STD 0.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-CARS												
1995-On	1796	110	1.8 L	4 CYL	DOHC	Escort EFI	80.60	1.50	032 BF PC GI	5194	4	STD
							3.173	1.60	126 RVT PC GI	5194020		0.50
								2.50	995 FV CR			
									732 FV CR			
									363 BF CR GI	2C5194	4	STD
	1798	1.8 L	4 CYL	Duratec DOHC Made in China	Focus		83.00	1.20	398 BF CR S	2C5316	4	STD
							3.268	1.20	126 RVT PC GI			
								2.50	995 FV CR			
									732 FV CR			
1991-98	1839	112	1.8 L	4 CYL	Mazda Eng.	Escort, Mercury, Tracer Incl. Turbo	83.00	1.50	032 BF PC GI	4651	4	STD
							3.268	1.50	126 RVT PC GI	4651010		0.25
								3.00	054 FV CR	4651020		0.50
									732 FV CR	4651040		1.00
									376 BF CR DI	2C4651	4	STD
									126 RVT PC GI	2C4651010		0.25
									054 FV CR	2C4651020		0.50
									732 FV CR	2C4651030		0.75
										2C4651040		1.00
										2C4651060		1.50
									326 TBF GN SS	2N4651	4	STD
									435 SCRP PC GI			
									987 FV GN SS			
									714 GN SS			
1987-96	1901	116	1.9 L	4 CYL		Ford, Mercury	81.94	1.50	032 BF PC GI	4261	4	STD
							3.226	1.50	126 RVT PC GI	4261020		0.50
								3.00	054 FV CR	4261030		0.75
									732 FV CR	4261040		1.00
									327 BF PM GI	2M4261	4	STD
									126 RVT PC GI	2M4261010		0.25
									054 FV CR	2M4261020		0.50
									732 FV CR	2M4261030		0.75
										2M4261040		1.00
										2M4261060		1.50
1985-86	1901	116	1.9 L	4 CYL		Ford, Mercury	82.00	1.50	032 BF PC GI	4301	4	STD
							3.228	1.50	126 RVT PC GI	4301020		0.50
								4.00	058 FV CR	4301030		0.75
									732 FV CR	4301040		1.00
										4301060		1.50
									327 BF PM GI	2M4301	4	STD
									126 RVT PC GI	2M4301020		0.50
									058 FV CR	2M4301030		0.75
									732 FV CR	2M4301040		1.00
										2M4301060		1.50
1982-84	1970	121	2.0 L	4 CYL	MA Mazda Eng.		80.00	1.50	032 BF PC GI	6155	4	STD
							3.150	2.00	126 RVT PC GI	6155010		0.25
								4.00	058 FV CR	6155020		0.50
									732 FV CR	6155030		0.75
										6155040		1.00
									362 BF 3CR GI	2C6155	4	STD
									126 RVT PC GI	2C6155010		0.25
									058 FV CR	2C6155020		0.50
									732 FV CR	2C6155030		0.75
										2C6155040		1.00
1995-04	1988	121	2.0 L	4 CYL	EDBA, EDBB, EDBC, EDDC, NGA ZH20 Zetec E	Cougar, Focus, Mondeo	84.86	1.50	032 BF PC GI	4887	4	STD
							3.341	1.75	126 RVT PC GI	4887010		0.25
								3.00	054 FV CR	4887020		0.50
									732 FV CR	4887030		0.75
										4887040		1.00
									327 BF PM GI	2M4887	4	STD
									126 RVT PC GI	2M4887020		0.50
									054 FV CR	2M4887030		0.75
									732 FV CR	2M4887040		1.00
1993-97	1991	121	2.0 L	4 CYL	Vin: A DOHC		83.00	1.20	398 BF CR S	2C4749	4	STD
							3.268	1.50	126 RVT PC GI	2C4749010		0.25
								3.00	054 FV CR	2C4749020		0.50
									732 FV CR	2C4749030		0.75
										2C4749040		1.00

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-CARS												
1995-05	1991	121	2.0 L	4 CYL	Vin: P	Escort	84.86 3.341	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	4889 4889020 4889030 4889040 2M4889 2M4889020 2M4889030 2M4889040	4	STD 0.50 0.75 1.00 4 STD 0.50 0.75 1.00
1998-04	1991	121	2.0 L	4 CYL	Vin: B,3	Spec 2nd ring end gap .026 to .036	84.86 3.341	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
1997-04	1991	121	2.0 L	4 CYL	Vin: P,5 SOHC/ DOHC	Escort, Focus	84.86 3.341	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
1995-On	1998	121	2.0 L	4 CYL	EDBA, EDBB, EDBC, EDDC, NGA	16 valve, Mondeo	84.86 3.341	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
1996-04	1998	121	2.0 L	4 CYL	EDBA, EDBB, EDBC, EDDC, NGA	Cougar, Focus, Mondeo	84.86 3.341	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
2010-15	1999		2.0 L	4 CYL	TPBA Ecoboost	Mondeo, S-Max	87.50 3.445	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C4150	4	STD
2010-15	1999		2.0 L	4 CYL	TNWA, TNWB, TPBA, TPWA Ecoboost	Galaxy, Mondeo, S-Max	87.50 3.445	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR 326 TBF GN SS 126 RVT PC GI 993 FV CR 005 FV CR	2C5282 2C528250 2C528275 2C5282100 2N5282 2N528250	4	STD 0.50 0.75 1.00 4 STD 0.50
1984-88	2000	122	2.0 L	4 CYL		Diesel Eng	86.00 3.386	2.00 2.00 4.00	336 T PM DI 435 SCRPP PC GI 553 CF CR GI 881 2PCO	2D4210	4	STD
1971-74	2000	122	2.0 L	4 CYL	100 H.P.	Ford Pinto	90.80 3.575	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 4 STD 0.25 0.50 0.75 1.00 1.50
1989-94	2184	134	2.2 L	4 CYL	Mazda 626 Eng.	Ford Probe Incl. Turbo	86.00 3.386	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 397 BF PM S 435 SCRPP PC GI 058 FV CR 732 FV CR 322 BF GN SS 126 RVT PC GI 987 FV GN SS 714 GN SS	5664 5664020 5664030 5664040 5664060 2C5664 2C5664010 2C5664020 2C5664030 2C5664040 2C5664060 2M5664 2M5664010 2M5664020 2M5664030 2M5664040 2M5664060 2N5664	4	STD 0.50 0.75 1.00 1.50 4 STD 0.25 0.50 0.75 1.00 1.50 4 STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-CARS												
1984-94	2295	140	2.3 L	4 CYL	Hi-Swirl Combustion	Mercury	93.47 3.680	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	5688 5688020 5688030 5688040 5688060 2C5688 2C5688020 2C5688030 2C5688040 2C5688060 2M5688 2M5688020 2M5688030 2M5688040	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
1974-84	2300	140	2.3 L	4 CYL	Vin 6 SOHC		96.00 3.780	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	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
1979-89	2300	140	2.3 L	4 CYL	VIN T, W SOHC	8V Turbo	96.00 3.780	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
1985-97	2300	140	2.3 L	4 CYL	Vin: A OHC	Mercury	96.00 3.780	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 327 BF PM GI 126 RVT PC GI 870 FV CR 732 FV CR	5761 5761020 5761030 5761040 5761060 2C5761 2C5761020 2C5761030 2C5761040 2C5761060 2M5761 2M5761020 2M5761030 2M5761040 2M5761060	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
1960-67	2360	144	2.4 L	6 CYL	L6	Mercury	3 1/2	5/64 5/64 3/16	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	582 582005 582030 582040 582060 2C582 2C582005 2M582 2M582005 2M582030 2M582040	6	STD 0.13 0.75 1.00 1.50 STD 0.13 STD 0.13 0.75 1.00
2009-17	2491	152	2.5 L	4 CYL	16V Duratec 25 DOHC	Escape, Fusion, Milan	89.00 3.504	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-CARS												
2000-01	2495	153	2.5 L	6 CYL	AJ25 Mazda Eng		81.60 3.212	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
1993-97	2497	152	2.5 L	6 CYL	Vin: B		84.50 3.327	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	4750 4750020 4750030 4750040 2C4750 2C4750020 2C4750030 2C4750040	6	STD 0.50 0.75 1.00 STD 0.50 0.75 1.00
1995-02	2508	153	2.5 L	6 CYL	Vin: G,L DOHC	Contour, Mondeo	82.40 3.244	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
1986-91	2508	153	2.5 L	4 CYL	Hi-Swirl Combustion OHV	Mercury	93.47 3.680	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	5688 5688020 5688030 5688040 5688060 2C5688 2C5688020 2C5688030 2C5688040 2C5688060 2M5688 2M5688020 2M5688030 2M5688040	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
1972-74	2600	159	2.6 L	6 CYL		Mercury Capri	90.00 3.543	2.00 3.00 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	9100	6	STD
1961-72	2786	170	2.8 L	6 CYL		Mercury	3 1/2	5/64 5/64 3/16	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	582 582005 582030 582040 582060 2C582 2C582005 2M582 2M582005 2M582030 2M582040	6	STD 0.13 0.75 1.00 1.50 STD 0.13 STD 0.13 0.75 1.00
1974-79	2800	171	2.8 L	6 CYL	Vin: Z	12V V6	93.00 3.661	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-CARS												
1986-95	2901	177	2.9 L	6 CYL	Vin: T,V	Mercury	93.00 3.661	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
2000-12	2968	181	3.0 L	6 CYL	991, 99G, AJ27 Vin: 1, F, G, S Duratec	Escape, Fusion, Five Hundred	89.00 3.504	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
1996-05	2999	181	3.0 L	6 CYL	Vin: S Durtec/24V DOHC	Lincoln, Mercure Sable, Taurus	89.00 3.504	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
1989-95	2999	183	3.0 L	6 CYL	SHO	Ford Taurus, Mercury	89.00 3.504	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
1998-08	2999	183	3.0 L	6 CYL	Vin: U OHV	Sable, Taurus w/3.00mm oil ring	89.00 3.504	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 005 FV CR	5107 5107010 5107020 5107030 5107040 5107060	6	STD 0.25 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 872 FV CR 005 FV CR	2M5107 2M5107010 2M5107020 2M5107030 2M5107040 2M5107060	6	STD 0.25 0.50 0.75 1.00 1.50
1986-00	2999	183	3.0 L	6 CYL	Vin:U, Y, 1, 2 Excl: SHO	Ford Aerostar, Mercury Flex-fuel use 2C5762 Shallow Oil Ring Grv.	89.00 3.504	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 052 FV CR 005 FV CR	5762 5762010 5762020 5762030 5762040 5762060	6	STD 0.25 0.50 0.75 1.00 1.50
									363 BF CR GI 126 RVT PC GI 052 FV CR 005 FV CR	2C5762 2C5762010 2C5762020 2C5762030 2C5762040	6	STD 0.25 0.50 0.75 1.00
									397 BF PM S 126 RVT PC GI 052 FV CR 005 FV CR	2M5762 2M5762010 2M5762020 2M5762030 2M5762040	6	STD 0.25 0.50 0.75 1.00
1993-98	2999	183	3.0 L	6 CYL	Vin: W,1	Villager	87.00 3.425	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
1993-96	3147	192	3.2 L	6 CYL	SHO Yamaha Eng.	Ford Taurus	92.00 3.622	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-CARS												
1928-33	3278	200	3.3 L	4 CYL	A, B, A, AA, BB	Late 1928 Ford	3	7/8	1/8 1/8 5/32	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
1963-84	3278	200	3.3 L	6 CYL		Mercury	3.680	5/64 5/64 3/16	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	
	3278	200	3.3 L	6 CYL		For ACL Duralite Pistons Shallow Oil Ring Grv.	3.680	5/64 5/64 3/16	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	
1996-99	3393	207	3.4 L	8 CYL	Vin: N SHO		82.40 3.244	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	
2007-16	3491	213	3.5 L	6 CYL	24V Duratec 35 DOHC Ecoboost	Edge, Fusion, MKX, Sable, Taurus	92.50 3.642	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 STD 0.50 0.75 1.00	
1952-53	3524	215	3.5 L	6 CYL		Ford	3	9/16	3/32 3/32 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	136 136020 136030 136040 136080	6 STD 0.50 0.75 1.00 2.00
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C136 2C136030 2C136040	6 STD 0.75 1.00	

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE	
FORD-CARS													
1962-63	3622	221	3.6 L	8 CYL		Ford, Mercury	3	1/2	5/64 5/64 3/16	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 8 8 8 8 8 8 8 8 8 8	STD 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 STD 0.75 1.00
1954-64	3655	223	3.7 L	6 CYL	JF, F223	Ford, Edsel Ranger 3 Ring Piston	3	5/8	3/32 3/32 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	563 563020 563030	6	STD 0.50 0.75
2009-15	3721	227	3.7 L	6 CYL	Vin:K,M,N,R Duratec 37	Lincoln, Mustang	95.50 3.760	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	
1988-95	3802	232	3.8 L	6 CYL		Ford, Lincoln, Mercury	96.80 3.811	1.50 1.50 4.00	032 BF PC 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	4262 4262020 4262030 4262040 4262060 2M4262 2M4262020 2M4262030 2M4262040 2M4262060	6 6 6 6 6 6 6 6	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50	
1988-95	3802	232	3.8 L	6 CYL		Ford Supercharged	96.80 3.811	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	
1996-04	3802	232	3.8 L	6 CYL	Vin: 4	Ford, Mercury	96.80 3.811	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 6 6 6 6 6 6 6 6 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	
1982-87	3802	232	3.8 L	6 CYL		Ford, Lincoln, Mercury	96.80 3.811	2.00 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	5649 5649020 5649030 5649040 5649060 2C5649 2C5649020 2C5649030 2C5649040 2C5649060 2M5649 2M5649020 2M5649030 2M5649040 2M5649060	6 6 6 6 6 6 6 6 6 6 6 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	

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE	
FORD-CARS													
1954	3917	239	3.9 L	8 CYL	130 H.P.		3	1/2	3/32 3/32 3/16	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
1939-53	3917	239	3.9 L	8 CYL	100 H.P.	"Flat Head" 3 ring piston	3	3/16	5/64 5/64 3/16	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	
1949-53	3917	239	3.9 L	8 CYL	100 H.P.	All Models Mercury 4 Ring Piston	3	3/16	3/32 3/32 3/16 3/16 3/16	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	
										362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C533 2C533060 2C533100	8	STD 1.50 2.50
1965-77	3934	240	3.9 L	6 CYL		Ford, Mercury	4.000	5/64 5/64 3/16	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
2000-06	3934	240	3.9 L	8 CYL	Vin: A DOHC		86.00 3.386	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		
1990-01	3999	244	4.0 L	6 CYL	Vin: E,X SOHC, OHV		100.40 3.953	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
2002-11	4016	245	4.0 L	6 CYL	Vin: E,K SOHC		100.40 3.953	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		

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-CARS												
	4098	250	4.1 L	6 CYL	X-EFI OHC	Ford Falcon Australia	93.47 3.680	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
1989-92	4098	250	4.1 L	6 CYL	OHC	E.A. Falcon Australia	91.86 3.616	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
1969-80	4098	250	4.1 L	6 CYL		Mercury	3.680	5/64 5/64 3/16	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
	4098	250	4.1 L	6 CYL		For ACL Duralite Pistons Shallow Oil Ring Grv.	3.680	5/64 5/64 3/16	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
1980-82	4179	255	4.2 L	8 CYL		Ford, Mercury	3.680	5/64 5/64 3/16	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-CARS												
1949-53	4179	255	4.2 L	8 CYL	95, 100 H.P.	All Models Mercury 4 Ring Piston	3	3/16	3/32 3/32 3/16 3/16	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
1962-65	4261	260	4.3 L	8 CYL		Ford	3.800	5/64 3/32 3/16	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 501 1PCO PC GI	571 571030 571040 571060 2C571 2C571030 2C571040 2C571060	8 STD 0.75 1.00 1.50 STD 0.75 1.00 1.50	
1955-57	4458	272	4.5 L	8 CYL		Ford	3	5/8	3/32 3/32 3/16	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
1991-15	4606	281	4.6 L	8 CYL	Vin: L,H,V,W,X,6	Lincoln, Mercury,	90.20 3.551	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4628 4628010 4628020 4628030 4628040 4628060	8 STD 0.25 0.50 0.75 1.00 1.50	
1991-15	4606	281	4.6 L	8 CYL	Vin: L,H,V,W,X,6	Lincoln, Mercury,	90.20 3.551	1.50 1.50 3.00	397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2M4628 2M4628005 2M4628010 2M4628020 2M4628030 2M4628040 2M4628060	8 STD 0.13 0.25 0.50 0.75 1.00 1.50	
1998-06	4606	281	4.6 L	8 CYL	Vin: V,X,9	Triton 32 Valve	90.20 3.551	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	

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-CARS												
1963-68	4737	289	4.7 L	8 CYL		Ford, Mercury	4.000	5/64 5/64 3/16	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
1955-62	4786	292	4.8 L	8 CYL		Ford, Edsel, Mercury	3 3/4	5/64 5/64 3/16	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
1986-95	4950	302	5.0 L	8 CYL	Vin: N	Excl. "Lightning"	101.60 4.000	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 635 FV CR 732 FV CR	4346 4346020 4346030 4346040 4346060	8	STD 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 635 FV CR 732 FV CR	2M4346 2M4346010 2M4346020 2M4346030 2M4346040 2M4346060	8	STD 0.25 0.50 0.75 1.00 1.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-CARS												
1996-01	4950	302	5.0 L	8 CYL	Vin: N	Ford, Mercury, "Lightning" Shallow Top Grv.	101.60 4.000	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
1968-86	4950	302	5.0 L	8 CYL		Ford, Lincoln, Mercury	4.000	5/64 5/64 3/16	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
2011-17	4951	302	5.0 L	8 CYL	Vin: F,U DOHC/ SOHC	Mustang, F150 Cyote	92.20 3.630	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
1956-57	5114	312	5.1 L	8 CYL		Ford	3.800	5/64 3/32 3/16	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-CARS												
1952-54	5196	317	5.2 L	8 CYL		All Models Lincoln	3.800	5/64 5/64 3/16	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
2006-14	5409	330	5.4 L	8 CYL	Vin: S DOHC	Mustang w/2.5mm oil grv. Cayote	90.20 3.551	1.50 1.50 2.50	336 T PM DI 126 RVT PC GI 995 FV CR 732 FV CR	2M4755	8	STD
1958-65	5441	332	5.4 L	8 CYL		Ford, Edsel Corsair	4.000	5/64 3/32 3/16	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
1955	5589	341	5.6 L	8 CYL		All Models Lincoln	3 15/16	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	636 636030	8	STD 0.75
1966-95	5753	351	5.8 L	8 CYL	VIN.# C, M, W	Ford, Lincoln, Mercury	4.000	5/64 5/64 3/16	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-CARS												
1958-65	5769	352	5.8 L	8 CYL		Ford, Edsel Corsair	4.000	5/64 3/32 3/16	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
1958-59	5917	361	5.9 L	8 CYL		Edsel Corsair, Pacer, E400	4.050	5/64 3/32 3/16	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
1957	6032	368	6.0 L	8 CYL		Mercury	4.000	5/64 3/32 3/16	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
1959-60	6277	383	6.3 L	8 CYL		Ford Thunderbird 76A	4.300	5/64 3/32 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	576 576030	8	STD 0.75
1961-65	6392	390	6.4 L	8 CYL		Ford Thunderbird	4.050	5/64 3/32 3/16	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-CARS												
1966-67	6392	390	6.4 L	8 CYL		Ford	4.050	5/64 5/64 3/16	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
1971-78	6556	400	6.6 L	8 CYL		Ford, Lincoln, Mercury	4.000	5/64 5/64 3/16	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
1966-67	6720	410	6.7 L	8 CYL		Ford, Mercury	4.050	5/64 5/64 3/16	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
1966-68	6982	426	7.0 L	8 CYL		Lincoln	4.380	5/64 3/32 3/16	345 T PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M596 2M596020 2M596040	8	STD 0.50 1.00
1966-70	7015	428	7.0 L	8 CYL		Ford	4.130	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	595 595020 595030 595040 595060	8	STD 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M595 2M595030 2M595040 2M595060	8	STD 0.75 1.00 1.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-CARS												
1968-73	7031	429	7.0 L	8 CYL			4.360	5/64 5/64 3/16	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
1959-60	7048	430	7.0 L	8 CYL		Ford Thunderbird 76A	4.300	5/64 3/32 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	576 576030	8	STD 0.75
1968-78	7539	460	7.5 L	8 CYL			4.360	5/64 5/64 3/16	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
FORD-EUROPEAN												
1962-65			4 CYL		70PS	Taurus 17M TS, Corso	85.50 3.366	2.00 3.00 5.00	032 BF PC GI 401 SCRPP PC GI 860 FV CR 732 FV CR	6772	4	STD
2012-On	998		1.0 L	3 CYL	M1CA,M1CB,M1DA, M1DC,M1DD,M1DH, M1JA,M1JC,M1JE, M1JH,M1JJ,M1JL, M1JM,M2DA,M2DB, M2DC,M2GA,M2GB P4JA,P4JB,P4JC, P4JD,SFCA,SFCB, SFCC,SFCD,SFDA, SFDB,SFJA,SFJB, SFJC,SFJD,SFJE, SFJF,SFJH,SFJJ, SFJK,XMJA,XMJB, XMJC,XMJD,YYJA, YYJB,YYJC,YYJD, YYJE EcoBoost	B-Max ,C-Max, Ecosport,Fiesta, Focus, Mondeo, Tourneo Connect, Transit Courier	71.90 2.831	1.00 1.20 2.00	317 BF GN SS 126 RVT PC GI 990 FV CR 732 FV CR	SN4169 SN416950	3	STD 0.50
1989-95	999		1.0 L	4 CYL	TBL	Escort, Fiesta, Orion	68.68 2.704	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
1976	1100		1.1 L	4 CYL		Fiesta, Ghia, Lussco	74.00 2.913	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-EUROPEAN												
1989-95	1118		1.1 L	4 CYL	G6A/GUE, GUD, BL11CFI, GUF HCS	Escort, Fiesta, Orion	68.68 2.704	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
1995-02	1242		1.2 L	4 CYL	DHA, DHA, DHC, DHD DHE, DHF, DHG (Zetec SE)	Fiesta IV	71.90 2.831	1.20 1.50 2.50	398 BF CR S 435 SCRPP PC GI 989 FV CR 732 FV CR	2C5637	4	STD
1973	1293		1.3 L	4 CYL		Capri Taurus 1300, 1300SW	79.00 3.110	2.00 2.50 4.00	032 BF PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR	4482 4482020 4482040	4	STD 0.50 1.00
									362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C4482 2C4482040	4	STD 1.00
1976-89	1297		1.3 L	4 CYL	GSF, TKA/B/W, TLA	Escort, Fiesta, Orion	73.94 2.911	1.50 1.75 3.00	032 BF PC GI 401 SCRPP PC GI 054 FV CR 732 FV CR	4858 4858020 4858030 4858040	4	STD 0.50 0.75 1.00
									363 BF CR GI 401 SCRPP PC GI 054 FV CR 732 FV CR	2C4858 2C4858010 2C4858020 2C4858030 2C4858040	4	STD 0.25 0.50 0.75 1.00
	1297		1.3 L	4 CYL	I4 SOHC		73.94 2.911	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
1996-On	1388		1.4 L	4 CYL	FXJB, FXJA, FXDD, ZH14 FXDC, FXDB, FXDA, FHF, FHE, FHD, FHA, Zetec S	16V Fiesta, Focus, Ghia, Puma	76.00 2.992	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
1986-On	1392		1.4 L	4 CYL		CVH Ford	77.24 3.041	1.60 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR	5019 5019020 5019030 5019040	4	STD 0.50 0.75 1.00
									327 BF PM GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2M5019 2M5019010 2M5019020 2M5019040	4	STD 0.25 0.50 1.00
2001-On	1399		1.4 L	4 CYL	F6JA, F6JB	Turbo Diesel	73.70 2.902	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
2003-On	1560		1.6 L	4 CYL	G8DA, G8DB, HHDA, HHDB, HHJA, HHJB	Turbo Diesel	75.00 2.953	3.00 2.00 2.50	213 FKST CC DI 202 TTF PC DI 204 CF CR DI 881 2PCO	2D7254 2D725450	1	STD 0.50
2005-On	1560		1.6 L	4 CYL	T1BA, T1BB, T1BC T1DA, T1DB, T3DA T3JA, T3JB, TZJA, TZJB (Duratorq TDCI)	Focus, Fiesta Van, Mondeo Diesel Eng Incl. Turbo	75.00 2.953	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
1982-93	1593		1.6 L	4 CYL	LSD, LSE	Sierra 1600,E, G, Laser	81.28 3.200	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
2003-10	1596		1.6 L	4 CYL	HWDA, HWDB, HXDA HXDB, (Duratec Ti-VCT) HXJA, RHBA, SIDA	C-Max, Focus, Focus II	79.00 3.110	1.20 1.50 2.00	322 BF GN SS 406 N PC DI 987 FV GN SS 714 GN SS	2N4071	4	STD
1998-04	1596		1.6 L	4 CYL	FYDA, FYDB, FYDC, FYDD, FYDH, FYJA, FYJB, ZH 16 Ztec DOHC Vin: J	Fiesta, Focus, Mondeo, Puma	79.00 3.110	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-EUROPEAN												
1957-64	1700		1.7 L	4 CYL		Combi Station Wagon Taurus 17M	84.00 3.307	2.00 3.00 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	5925 5925020 5925030 5925040 5925060 2C5925 2C5925010 2C5925020 2C5925030 2C5925040 2C5925060	4	STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
1998-07	1753		1.8 L	4 CYL	BHDA, BHDB, C9DA, C9DB, C9DC, F9DA, F9DB, FFDA, KKDA SOHC	Focus TDCi Turbo Diesel	82.50 3.248	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
1993-01	1753		1.8 L	4 CYL	RFA, RFB, RFL, RFD, RFK, RFM, RFN, RFS, RFU, RVA SOHC	Mondeo Turbo Diesel	82.50 3.248	2.50 2.00 3.00	238 FKST CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2C7133	1	STD
1988-01	1753		1.8 L	4 CYL	RTE, RTF, RTH, RTA, RTC, RTD, RTG, RTJ, RTK, D18 RT, RTB SOHC	Courier, Escort, Fiesta, Orion Diesel Eng	82.50 3.248	2.00 2.00 3.00	217 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2C7538	1	STD
1988-93	1789		1.8 L	4 CYL	CVH	Sierra L, LX, GL, GLX Ford #E7EE6159DA	80.00 3.150	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 STD 0.25 0.50 0.75 1.00 STD 0.50 1.00
1984-88	1796		1.8 L	4 CYL		Granada 1800 GL/GHIA, Scorpio 1800 CL/GL/GHIA Sierra 1800 C/CL/L/GL/S	86.20 3.394	1.60 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	4900 2C4900 2C4900020	4	STD STD 0.50
1998-On	1988	121	2.0 L	4 CYL	ZH20 Vin. Z, 3 DOHC	Mondeo	84.86 3.341	1.50 1.75 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	4887 4887010 4887020 4887030 4887040 2M4887 2M4887020 2M4887030 2M4887040	4	STD 0.25 0.50 0.75 1.00 STD 0.50 0.75 1.00
2003-07	1997		2.0 L	4 CYL	G6DA, G6DB, G6DD	Turbo Diesel Duratorq	85.00 3.346	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
2006-15	1997		2.0 L	4 CYL	QXWA, QXWB, QXWC, TXDA, TXDB, UKWA	C MAX, Cuga, Escape, S-Max Diesel Eng	85.00 3.346	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
1988-On	1998		2.0 L	4 CYL	DOHC	Scorpio, Sierra	86.00 3.386	1.60 1.75 3.00	102 T PC GI 126 RVT PC GI 997 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 997 FV CR 732 FV CR	4876 2C4876 2C4876020 2C4876040	4	STD STD 0.50 1.00

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-EUROPEAN												
1995-00	1998		2.0 L	4 CYL		16 valve, Mondeo	84.86 3.341	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 CYL		Mondeo	84.86 3.341	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
1964-72	1998		2.0 L	6 CYL		Taurus	84.00 3.307	2.00 3.00 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	6137 6137020 6137030 6137040 6137060 2C6137 2C6137010 2C6137020 2C6137030 2C6137040 2C6137060	6	STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
2000-07	1998		2.0 L	4 CYL	ABFA, D3FA, D5BA, D6BA, F3FA, F1FA, FMBA, HJBA, HJBB, HJBC,N7BA DOHC	Mondeo III Turbo Diesel	86.00 3.386	2.50 2.00 3.00	211 HKST CC DI 210 SCRPP TF PC DI 204 CF CR DI 881 2PCO	2D7145	1	STD
2000-07	1998		2.0 L	4 CYL	ABFA, D3FA, D5BA, D6BA, F3FA, F1FA, FMBA, HJBA, HJBB, HJBC,N7BA DOHC	Mondeo III Turbo Diesel	86.00 3.386	2.00 2.00 3.00	212 TBF CC DI 210 SCRPP TF PC DI 204 CF CR DI 881 2PCO	2D7365	1	STD
2000-07	1998		2.0 L	4 CYL	ABFA, D3FA, D5BA, D6BA, F3FA, F1FA, FMBA, HJBA, HJBB, HJBC,N7BA DOHC	Mondeo III Turbo Diesel	86.00 3.386	2.00 2.00 2.00	212 TBF CC DI 210 SCRPP TF PC DI 248 CF CR 881 2PCO	2D7451 2D745150	1	STD 0.50
2010-15	1999		2.0 L	4 CYL	TPBA Ecoboost	Mondeo, S-Max	87.50 3.445	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C4150	4	STD
2010-15	1999		2.0 L	4 CYL	TNWA, TNWB, TPBA, TPWA Ecoboost	Galaxy, Mondeo, S-Max	87.50 3.445	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR 326 TBF GN SS 126 RVT PC GI 993 FV CR 005 FV CR	2C5282 2C528250 2C528275 2C5282100 2N5282 2N528250	4	STD 0.50 0.75 1.00 STD 0.50
2007-On	2179		2.2 L	4 CYL	KNBA, KNBB, KNWA KNWB (Duratorq TDCI)	Mondeo, Galaxy Diesel Eng	85.00 3.346	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
1996-06	2295		2.3 L	4 CYL	E5FA, E5FC,Y5A, Y5B	Transit Box, Scorpio, Galaxy	89.60 3.528	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
1996-06	2402		2.4 L	4 CYL	D2FA/B/E, D4FA, DT24H DT24N, DT24P F4FA, FXFA DI DOHC	Turbo Diesel	89.90 3.539	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
2000-07	2402		2.4 L	4 CYL	DOFA, H9FA, H9FB, JXFA, PHFA, PHFC TCI DOHC	Turbo Diesel	89.90 3.539	2.00 2.00 2.00	205 BF CR DI 234 SCRPP TF PC DI 248 CF CR 881 2PCO	2D7377 2D737750	1	STD 0.50
1999-10	2499		2.5 L	4 CYL	WL-T Diesel Engine	Ranger	93.00 3.661	2.50 2.00 3.00	215 TBF CR DI 257 TF CR DI 553 CF CR GI 881 2PCO	2D5308 2D530850 2D5308100	4	STD 0.50 1.00
1993-98	2500		2.5 L	4 CYL	SCB, SCC, VM	Scorpio Turbo Diesel	92.00 3.622	2.50 2.00 4.00	225 FKST CR DI 210 SCRPP TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE	
FORD-EUROPEAN													
1993-98	2663		2.7 L	4 CYL	TD27	Maverick Diesel Eng	96.00 3.779	2.50 2.00 4.00	363 BF CR GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D4956	4	STD	
1994-On	3984		4.0 L	6 CYL	ED, EF	Ford Falcon Australian w/3.0mm Oil Grv.	92.25 3.632	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	
1994-On	3984		4.0 L	6 CYL	ED, EF	Ford Falcon Australian w/1.5mm Top Grv.	92.25 3.632	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	
2002-On	3984		4.0 L	6 CYL	ED, EF	Ford Falcon Australian w/2.5mm Oil Grv.	92.25 3.632	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	
FORD-INDUSTRIAL													
			8 CYL		HD330		3	7/8	5/64 3/32 1/4	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
			8 CYL		MD330		3	7/8	5/64 3/32 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	591 591010 591020 591030 591040 591060 591080	8	STD 0.25 0.50 0.75 1.00 1.50 2.00
										363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C591 2C591010 2C591020 2C591030 2C591040 2C591060 2C591080	8	STD 0.25 0.50 0.75 1.00 1.50 2.00
										327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M591 2M591020 2M591030 2M591040 2M591060 2M591080	8	STD 0.50 0.75 1.00 1.50 2.00
			8 CYL		HD330		3	7/8	5/64 5/64 5/64 3/16	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
			4 CYL		VSG411		74.00 2.913	1.60 2.00 4.00	362 BF 3CR GI 401 SCRP PC GI 058 FV CR 732 FV CR	2C4471 2C4471020 2C4471030 2C4471040	4	STD 0.50 0.75 1.00	
			1.1 L	4 CYL	VSG411		68.68 2.704	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	

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-INDUSTRIAL												
			1.3 L	4 CYL	VSG413		73.93 2.911	1.50 1.75 3.00	032 BF PC GI 401 SCRP PC GI 054 FV CR 732 FV CR 363 BF CR GI 401 SCRP 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 4 0.25 0.50 0.75 1.00
1700			1.7 L	4 CYL	104 GF-SAAB V/4		90.00 3.543	2.00 3.00 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	4276	4	STD
2000			2.0 L	4 CYL			90.00 3.543	2.00 3.00 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	4276	4	STD
2196	134	2.2 L	4 CYL	E134, JE			3 7/16	3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7501	4	STD
2590	158	2.6 L	3 CYL	158DF			4.200	3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7181	3	STD
2590	158	2.6 L	3 CYL	158DF	Diesel Eng		4.200	3/32 3/32 3/32 3/16	362 BF 3CR GI 362 BF 3CR GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7182	1	STD
2819	172	2.8 L	4 CYL	D172	3 Grv Piston		3.900	3/32 3/32 3/16	363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7673	4	STD
2819	172	2.8 L	4 CYL	DD172	5 Grv Piston		3.900	3/32 3/32 3/32 3/16 3/16	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
2868	175	2.9 L	3 CYL	175DF	Diesel Eng		4.200	3/32 3/32 3/32 3/16	362 BF 3CR GI 362 BF 3CR GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7182	1	STD
3294	201	3.3 L	3 CYL	201GF			4.400	3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7183	3	STD
3294	201	3.3 L	3 CYL	201DF	Turbo Diesel		4.400	3/32 3/32 3/32 3/16	362 BF 3CR GI 362 BF 3CR GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7180	3	STD
3654	223	3.7 L	6 CYL	JF, F223			3 5/8	3/32 3/32 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	563 563020 563030	6	STD 0.50 0.75

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-INDUSTRIAL												
3934	240	3.9 L	6 CYL	C5PF			4.000	5/64 5/64 3/16	032 BF PC GI	592	6	STD
									126 RVT PC GI	592010		0.25
									860 FV CR	592020		0.50
									732 FV CR	592030		0.75
										592040		1.00
										592060		1.50
										592080		2.00
									362 BF 3CR GI	2C592	6	STD
									126 RVT PC GI	2C592010		0.25
									860 FV CR	2C592020		0.50
									732 FV CR	2C592030		0.75
										2C592040		1.00
										2C592060		1.50
										2C592080		2.00
									397 BF PM S	2M592	6	STD
									126 RVT PC GI	2M592020		0.50
									860 FV CR	2M592030		0.75
									732 FV CR	2M592040		1.00
										2M592060		1.50
										2M592065		1.63
										2M592080		2.00
4163	254	4.2 L	4 CYL	254DF	Dorset Diesel Eng		4	7/32	3/32 362 BF 3CR GI	2D7246	2	STD
									3/32 362 BF 3CR GI	2D7246020		0.50
									3/32 126 RVT PC GI			
									3/16 553 CF CR GI			
									881 2PCO			
4196	256	4.2 L	4 CYL	256DF	Diesel Eng		4.400	3/32	362 BF 3CR GI	2C7210	4	STD
									362 BF 3CR GI			
									126 RVT PC GI			
									565 CF CR GI			
									881 2PCO			
4294	262	4.3 L	6 CYL				3	23/32	5/64 362 BF 3CR GI	2C583	6	STD
									3/32 126 RVT PC GI	2C583030		0.75
									3/16 860 FV CR	2C583040		1.00
									732 FV CR			
4458	272	4.5 L	8 CYL	J272, JH, JJ			3	5/8	3/32 032 BF PC GI	564	8	STD
									3/32 126 RVT PC GI	564020		0.50
									3/16 860 FV CR	564030		0.75
									732 FV CR			
									362 BF 3CR GI	2C564	8	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
4786	292	4.8 L	8 CYL	K292			3	3/4	5/64 032 BF PC GI	568	8	STD
									5/64 126 RVT PC GI	568010		0.25
									3/16 860 FV CR	568020		0.50
									732 FV CR	568030		0.75
										568040		1.00
										568060		1.50
										568080		2.00
										568100		2.50
									363 BF CR GI	2C568	8	STD
									126 RVT PC GI	2C568010		0.25
									860 FV CR	2C568020		0.50
									732 FV CR	2C568030		0.75
										2C568040		1.00
										2C568060		1.50
									327 BF PM GI	2M568	8	STD
									126 RVT PC GI	2M568010		0.25
									860 FV CR	2M568020		0.50
									732 FV CR	2M568030		0.75
										2M568040		1.00
										2M568060		1.50
										2M568080		2.00
										2M568100		2.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-INDUSTRIAL												
4917	300	4.9 L	6 CYL	LD300, C5PG			4.000	5/64	032 BF PC GI	592	6	STD
								5/64	126 RVT PC GI	592010		0.25
								3/16	860 FV CR	592020		0.50
									732 FV CR	592030		0.75
										592040		1.00
										592060		1.50
										592080		2.00
									362 BF 3CR GI	2C592	6	STD
									126 RVT PC GI	2C592010		0.25
									860 FV CR	2C592020		0.50
									732 FV CR	2C592030		0.75
										2C592040		1.00
										2C592060		1.50
										2C592080		2.00
									397 BF PM S	2M592	6	STD
									126 RVT PC GI	2M592020		0.50
									860 FV CR	2M592030		0.75
									732 FV CR	2M592040		1.00
										2M592060		1.50
										2M592065		1.63
		2M592080		2.00								
5917	361	5.9 L	8 CYL				4.050	5/64	362 BF 3CR GI	2C590	8	STD
								3/32	126 RVT PC GI	2C590020		0.50
								1/4	860 FV CR	2C590030		0.75
									732 FV CR			
									345 T PM GI	2M590	8	STD
									126 RVT PC GI	2M590020		0.50
									860 FV CR	2M590030		0.75
									732 FV CR			
5917	361	5.9 L	8 CYL				4.050	5/64	032 BF PC GI	6601	8	STD
								5/64	126 RVT PC GI	6601020		0.50
								5/64	126 RVT PC GI	6601030		0.75
								3/16	860 FV CR	6601040		1.00
									732 FV CR	6601060		1.50
									345 T PM GI	2M6601	8	STD
									126 RVT PC GI	2M6601020		0.50
									126 RVT PC GI	2M6601030		0.75
	860 FV CR	2M6601040		1.00								
	732 FV CR	2M6601060		1.50								
6228	380	6.2 L	6 CYL	380DF	Diesel Eng		4	7/32	362 BF 3CR GI	2D7246	2	STD
								3/32	362 BF 3CR GI	2D7246020		0.50
								3/32	126 RVT PC GI			
								3/16	553 CF CR GI			
									881 2PCO			
6408	391	6.4 L	8 CYL				4.050	5/64	362 BF 3CR GI	2C590	8	STD
								3/32	126 RVT PC GI	2C590020		0.50
								1/4	860 FV CR	2C590030		0.75
									732 FV CR			
									345 T PM GI	2M590	8	STD
									126 RVT PC GI	2M590020		0.50
									860 FV CR	2M590030		0.75
									732 FV CR			
6408	391	6.4 L	8 CYL				4.050	5/64	032 BF PC GI	6601	8	STD
								5/64	126 RVT PC GI	6601020		0.50
								5/64	126 RVT PC GI	6601030		0.75
								3/16	860 FV CR	6601040		1.00
									732 FV CR	6601060		1.50
									345 T PM GI	2M6601	8	STD
									126 RVT PC GI	2M6601020		0.50
									126 RVT PC GI	2M6601030		0.75
	860 FV CR	2M6601040		1.00								
	732 FV CR	2M6601060		1.50								
6572	401	6.6 L	6 CYL	401DF, 401DFT	Turbo Diesel		4.400	3/32	362 BF 3CR GI	2C7180	3	STD
								3/32	362 BF 3CR GI			
								3/32	126 RVT PC GI			
								3/16	565 CF CR GI			
									881 2PCO			

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-INDUSTRIAL												
7818	477	7.8 L	8 CYL	M477			4	1/2	3/32 3/32 3/32 3/16	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	578	8 STD
									363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C578 2C578020 2C578030 2C578040 2C578060 2C578080	8	STD 0.50 0.75 1.00 1.50 2.00
8752	534	8.8 L	8 CYL	N534			4	1/2	3/32 3/32 3/32 3/16	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	578	8 STD
									363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C578 2C578020 2C578030 2C578040 2C578060 2C578080	8	STD 0.50 0.75 1.00 1.50 2.00
FORD-TRACTORS												
			4 CYL			Allied Sleeve Kit #WSA261 M & W Sleeve Kit SP28, 30, 31, 32-5, 33-5, 34-5, 35-5 Repl. Piston 30 H.P. Permite Sleeve Kit CSA261 White Machine Sleeve Kit #G190CH, G216CH 2N, 8N, 9N Ford 4 Ring Piston w/5/32 oil Grv	3	3/16	3/32 3/32 5/32 5/32	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C523	4 STD
			4 CYL	Sleeved Eng.		2N, 8N, 9N Piston #8N6110 S/N 42162-on	3	3/16	3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C535	4 STD
			4 CYL	Sleeved Eng.		2N, 8N, 9N Also ava. in .083 4 Ring Piston	3	3/16	3/32 3/32 3/16 3/16	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C549 2C549100	4 2.50 STD
			4 CYL	Sleeved Eng.		2N, 8N, 9N To S/N 42162	3	3/16	3/32 3/32 5/32	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C825	4 STD
			4 CYL	Sleeved Eng.		2N, 2NAN, 8N, 8NAN, 9N, 9NAN For Sealed Power Piston #1630K, 1650K	3	3/16	3/32 3/32 5/32 5/32	362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR 501 1PCO PC GI	2C7505	4 STD
			4 CYL			600, 700 NAA Gas INCREASE BORE SLV KIT	3	1/2	3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6189	4 STD
			4 CYL			800, 801, 900, 901, 1801, 4000 Series EAF, Gas Eng.	3.900		3/32 3/32 3/16	363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7673	4 STD
			4 CYL			800, 900, 1800, 4000	4.000		5/64 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5689	4 STD
			4 CYL	Sleeved Eng.		Gas 800, 801, 900, 901, 1801, 4000 Series EAF, EBE M & W Sleeve Kit INCREASE BORE SLV KIT	4.000		3/32 3/32 3/32 3/16	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7175	4 STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-TRACTORS												
				4 CYL		5000 Super Major Diesel	4.400	3/32 3/32 3/32 3/16	362 BF 3CR GI 362 BF 3CR GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7210	4	STD
2196	134	2.2 L	4 CYL	Sleeved Eng.		NAA, 501, 541, 600, 601, 700, 701, 2000, NAB, 600K Series EAE, EBD	3 7/16	3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7501	4	STD
2360	144	2.4 L	4 CYL			501, 601, 701, 2000, 3000 Diesel Eng	3 9/16	3/32 3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 501 1PCO PC GI 825 2PCO	2C7106 2C7106040	4	STD 1.00
2590	158	2.6 L	3 CYL	G Eng.		2000, 3000 Gas Eng.	4.200	3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7181	3	STD
2590	158	2.6 L	3 CYL	D Eng.		2000 Diesel Eng	4.200	3/32 3/32 3/32 3/16	362 BF 3CR GI 362 BF 3CR GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7182	1	STD
2819	172	2.8 L	4 CYL			801, 841, 901, 1801, 4000D Diesel Eng	3.900	3/32 3/32 3/32 3/16	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
2868	175	2.9 L	3 CYL	D Eng.		3000 Diesel Eng	4.200	3/32 3/32 3/32 3/16	362 BF 3CR GI 362 BF 3CR GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7182	1	STD
3147	192	3.1 L	3 CYL	D Eng.		4000 Gas Eng.	4.400	3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7183	3	STD
3294	201	3.3 L	3 CYL 6 CYL	D Eng.		4000 8000 Diesel Eng	4.400	3/32 3/32 3/32 3/16	362 BF 3CR GI 362 BF 3CR GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7180	3	STD
3294	201	3.3 L	3 CYL	D Eng.		Gas Eng.	4.400	3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7183	3	STD
3819	233	3.8 L	6 CYL			6000 Gas Eng.	3 5/8	3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7945	6	STD
3819	233	3.8 L	4 CYL	D Eng.		5000 Diesel Eng	4.200	3/32 3/32 3/32 3/16	362 BF 3CR GI 362 BF 3CR GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7182	1	STD
3966	242	4.0 L	6 CYL			6000 Diesel Eng	3 5/8	3/32 3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 501 1PCO PC GI 825 2PCO	2C7153	6	STD
4196	256	4.2 L	4 CYL			7000 Series 4 ring Zolner#3225 Piston Diesel Eng	4.400	1/8 3/32 3/32 3/16	372 FKST CR DI 126 RVT PC GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C4728	4	STD
6572	401	6.6 L	6 CYL	DT Eng.		F4000 3 Ring Mahle Piston #1495	4.400	1/8 3/32 3/16	372 FKST CR DI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7021	2	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-TRACTORS												
			6.6 L	6 CYL	401DT	8000, 9000 Series Zollner Piston #3225 Turbocharged 4 ring Piston	4.400	1/8 3/32 3/32 3/16	372 FKST CR DI 126 RVT PC GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7012	6	STD
	7785	475	7.8 L	8 CYL	DT Eng.	F4000 3 Ring Mahle Piston #1495	4.400	1/8 3/32 3/16	372 FKST CR DI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7021	2	STD
FORD-TRUCKS												
	1586	97	1.6 L	4 CYL		Courier Australia	78.00 3.071	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
2000-On	1600	97.6	1.6 L	4 CYL		Courier Made in Brazil	82.04 3.230	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
1972-78	1600	97	1.6 L	4 CYL		Courier	78.00 3.071	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
1972-78	1800	110	1.8 L	4 CYL		Courier	78.00 3.071	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
1941-45	1950	119	2.0 L	4 CYL	30 H.P.	4 Ring Piston	3	3/16 3/32 3/32 5/32 5/32	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C523	4	STD
1941-45	1950	119	2.0 L	4 CYL	30 H.P.	3 Ring Piston	3	3/16 3/32 5/32	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C825	4	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-TRUCKS												
1979-82	1970	121	2.0 L	4 CYL		Courier	80.00 3.150	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
1982-84	1970	121	2.0 L	4 CYL			80.00 3.150	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
1983-89	2000	122	2.0 L	4 CYL		Ranger	89.32 3.516	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5690 5690020 5690030 5690040 5690060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5690 2C5690020 2C5690030 2C5690040 2C5690060	4	STD 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M5690 2M5690020 2M5690030 2M5690040 2M5690060	4	STD 0.50 0.75 1.00 1.50
2004-12	2261	138	2.3 L	4 CYL	Mazda Eng.	Ranger	87.50 3.445	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
1977-84	2300	140	2.3 L	4 CYL			96.00 3.780	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-TRUCKS												
1995-97	2300	140	2.3 L	4 CYL	Vin: A	Ranger	96.00 3.779	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
1985-94	2300	140	2.3 L	4 CYL	Vin: A	Ranger	96.00 3.780	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
1998-01	2475	151	2.5 L	4 CYL	L4 Vin: C	Ranger	96.00 3.779	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
2006-11	2499		2.5 L	4 CYL	BT-50 WL-C Mazda Eng.	TDI Diesel (Check Ring Widths)	93.00 3.661	2.00 1.50 2.00	326 TBF GN SS 236 TF CR DI 203 CF GN SS 881 2PCO	2D7277	4	STD 0.50 0.75 1.00 1.50
2019-20		164	2.7 L	6 CYL	Vin: P	F-150 OEM: JT4Z 6148-C	83.00 3.268	1.20 1.00 2.00	317S BF GN SS 416S TF SCRP 990N FV GN 714 FV GN	SN4173 SN417350	6	STD 0.50
2018		164	2.7 L	6 CYL	Vin: P	F-150 OEM: FT4Z-6148-A	83.00 3.268	1.20 1.20 2.00	317S BF GN SS 406S TFN 990N FV GN 714 FV GN	SN4172 SN417250	6	STD 0.50
1983-86	2803	171	2.8 L	6 CYL	Vin: S	Aerostar, Ranger	93.00 3.661	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-TRUCKS												
1986-95	2901	177	2.9 L	6 CYL			93.00 3.661	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
2001-08	2999	183	3.0 L	6 CYL	Vin: S,U,V,1,2 DOHC	Duratec 24V w/2.5mm oil ring	89.00 3.504	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
1998-01	2999	183	3.0 L	6 CYL		Ranger w/3.00mm oil ring	89.00 3.504	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 005 FV CR	5107 5107010 5107020 5107030 5107040 5107060	6	STD 0.25 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 872 FV CR 005 FV CR	2M5107 2M5107010 2M5107020 2M5107030 2M5107040 2M5107060	6	STD 0.25 0.50 0.75 1.00 1.50
1986-00	2999	183	3.0 L	6 CYL	Vin:U		89.00 3.504	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 052 FV CR 005 FV CR	5762 5762010 5762020 5762030 5762040 5762060	6	STD 0.25 0.50 0.75 1.00 1.50
									363 BF CR GI 126 RVT PC GI 052 FV CR 005 FV CR	2C5762 2C5762010 2C5762020 2C5762030 2C5762040	6	STD 0.25 0.50 0.75 1.00
									327 BF PM GI 126 RVT PC GI 052 FV CR 005 FV CR	2M5762 2M5762010 2M5762020 2M5762030 2M5762040	6	STD 0.25 0.50 0.75 1.00
1963-84	3278	200	3.3 L	6 CYL		F 200	3.680	5/64 5/64 3/16	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-TRUCKS												
2017-20		213	3.5 L	6 CYL	Vin: 4, G	F-150 OEM: HL3Z 6148-B	92.50 3.642	1.50 1.00 2.00	317 BF GN SS 348 TF RVT CR DI 991N FV GN 714 FV GN	SN4176	6	STD
1952-53	3524	215	3.5 L	6 CYL	OHV	F 100 Flat Head	3 9/16	3/32 3/32 3/16	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
1962-63	3622	221	3.6 L	8 CYL		F-Series	3 1/2	5/64 5/64 3/16	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	STD 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 STD 0.75 1.00
1954-64	3655	223	3.7 L	6 CYL		F-Series 3 Ring Piston	3 5/8	3/32 3/32 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	563 563020 563030	6	STD 0.50 0.75
2009-15	3721	227	3.7 L	6 CYL	Duratec 37 DOHC	Edge, F150	95.50 3.760	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
1988-95	3802	232	3.8 L	6 CYL		F-Series	96.80 3.811	1.50 1.50 4.00	032 BF PC 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	4262 4262020 4262030 4262040 4262060 2M4262 2M4262020 2M4262030 2M4262040 2M4262060	6	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
1981-87	3802	232	3.8 L	6 CYL		F-Seires	96.80 3.811	2.00 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	5649 5649020 5649030 5649040 5649060 2C5649 2C5649020 2C5649030 2C5649040 2C5649060 2M5649 2M5649020 2M5649030 2M5649040 2M5649060	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-TRUCKS												
1996-03	3802	232	3.8 L	6 CYL	Vin: 4	Windstar	96.80 3.811	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
2005-07	3901	238	3.9 L	6 CYL	Vin: 6		96.80 3.811	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
1939-49	3917	239	3.9 L	8 CYL	95, 100 H.P.	Flat Head 4 Ring Piston	3	3/16	3/32 3/32 5/32 5/32	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	529 529125	8 3.13
1949-53	3917	239	3.9 L	8 CYL	95, 100 H.P.	Flat Head 4 Ring Piston	3	3/16	3/32 3/32 3/16 3/16 3/16	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 0.75 1.00 1.50 2.00 3.13 4.78
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C533 2C533060 2C533100	8	STD 1.50 2.50
1954-55	3917	239	3.9 L	8 CYL		Flat Head 3 Ring Piston	3	1/2	3/32 3/32 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	562 562020 562040	8 0.50 1.00
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C562	8	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-TRUCKS												
1965-77	3934	240	3.9 L	6 CYL	OHV	Econoline E100, E200	4.000	5/64 5/64 3/16	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
1990-01	3999	244	4.0 L	6 CYL	Vin: E,X SOHC, OHV		100.40 3.953	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
2002-11	4016	245	4.0 L	6 CYL	Vin: E,K SOHC		100.40 3.953	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
1969-77	4098	250	4.1 L	6 CYL		F 250 Ranger	3.680	5/64 5/64 3/16	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-TRUCKS												
1969-77	4098	250	4.1 L	6 CYL		F Series F250 Ranger	3.680	5/64 5/64 3/16	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
1949-52	4163	254	4.2 L	6 CYL	112 H.P.	8MB 3 Ring Piston	3 1/2	3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C534	6	STD
1981-82	4179	255	4.2 L	8 CYL	V8	F Series Ranger	3.680	5/64 5/64 3/16	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
1954-59	4196	256	4.2 L	8 CYL			3 5/8	3/32 3/32 3/16	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
1997-08	4196	256	4.2 L	6 CYL	Vin: 2, 4 OHV	Windstar	96.80 3.811	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-TRUCKS												
1962-65	4261	260	4.3 L	8 CYL		Ranger	3.800	5/64 3/32 3/16	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	STD 0.75 1.00 1.50 8 0.75 1.00 1.50 8 0.75 1.00 1.50
1961-64	4294	262	4.3 L	6 CYL		Ford I6	3 23/32	5/64 3/32 3/16	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
1954-59	4458	272	4.5 L	8 CYL			3 5/8	3/32 3/32 3/16	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
1996-15	4606	281	4.6 L	8 CYL	Vin: V,W,X,6	Ford	90.20 3.551	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	STD 0.25 0.50 0.75 1.00 1.50 STD 0.13 0.25 0.50 0.75 1.00 1.50
1963-68	4737	289	4.7 L	8 CYL		Ford	4.000	5/64 5/64 3/16	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	STD 0.25 0.50 0.75 1.00 1.50 1.75 2.00 2.50 8 0.25 0.50 0.75 1.00 1.50 1.75 2.00 8 0.13 0.25 0.50 0.75 1.00 1.50 1.75 2.00 2.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-TRUCKS												
1958-64	4786	292	4.8 L	8 CYL		Medium & Heavy Duty	3	3/4	5/64 5/64 3/16	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
1995-97	4917	300	4.9 L	6 CYL	Vin. Y		101.60 4.000	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4879 4879020 4879030 4879040 4879060	6 STD 0.50 0.75 1.00 1.50	
										397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2M4879 2M4879020 2M4879030 2M4879040 2M4879060	6 STD 0.50 0.75 1.00 1.50
1965-94	4917	300	4.9 L	6 CYL		F Series I6	4.000	5/64 5/64 3/16	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-TRUCKS												
1969-86	4950	302	5.0 L	8 CYL		Ford	4.000	5/64 5/64 3/16	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
1986-95	4950	302	5.0 L	8 CYL		Exc. "Lightning"	101.60 4.000	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 635 FV CR 732 FV CR	4346 4346020 4346030 4346040 4346060	8	STD 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 635 FV CR 732 FV CR	2M4346 2M4346010 2M4346020 2M4346030 2M4346040 2M4346060	8	STD 0.25 0.50 0.75 1.00 1.50
1996-01	4950	302	5.0 L	8 CYL	Vin: N	"Lightning" Shallow Top Grv.	101.60 4.000	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
2011-17	4951	302	5.0 L	8 CYL	Vin: F,U	F150	92.20 3.630	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
1952-57	5196	317	5.2 L	8 CYL		Sterling Piston H791P	3.800	5/64 5/64 3/16	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-TRUCKS												
1964-84	5409	330	5.4 L	8 CYL		Medium Duty 3 Ring Piston	3	7/8	5/64 3/32 3/16	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
1967-69	5409	330	5.4 L	8 CYL		Heavy Duty 4 Ring Piston	3	7/8	5/64 5/64 5/64 3/16	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
1970-84	5409	330	5.4 L	8 CYL		Heavy Duty 4 Ring Piston	3	7/8	3/32 5/64 5/64 3/16	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 2M4628005 2M4628010 2M4628020 2M4628030 2M4628040 2M4628060	8 STD 0.13 0.25 0.50 0.75 1.00 1.50
1996-15	5409	330	5.4 L	8 CYL	Vin: A,L,R,3,5	Ford	90.20 3.551	1.50 1.50 3.00		032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4628 4628010 4628020 4628030 4628040 4628060	8 STD 0.25 0.50 0.75 1.00 1.50
										397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2M4628 2M4628005 2M4628010 2M4628020 2M4628030 2M4628040 2M4628060	8 STD 0.13 0.25 0.50 0.75 1.00 1.50
1952-57	5441	332	5.4 L	8 CYL		Sterling Piston H791P	3.800		5/64 5/64 3/16	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-TRUCKS												
1968-84	5491	335	5.5 L	8 CYL		Produced in Mexico	3.900	5/64	363 BF CR GI	2C5647	8	STD
								5/64	352 RVT 3CR GI	2C5647020		0.50
								5/64	126 RVT PC GI	2C5647030		0.75
								3/16	860 FV CR	2C5647040		1.00
									732 FV CR			
1948-52	5523	337	5.5 L	8 CYL		Flat Head 3 Ring Piston	3 1/2	3/32	032 BF PC GI	562	8	STD
								3/32	126 RVT PC GI	562020		0.50
								3/16	860 FV CR	562040		1.00
									732 FV CR			
									362 BF 3CR GI	2C562	8	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
1955	5589	341	5.6 L	8 CYL	EBJ		3 15/16	5/64	032 BF PC GI	636	8	STD
								5/64	126 RVT PC GI	636030		0.75
								3/16	860 FV CR			
									732 FV CR			
1972-95	5753	351	5.8 L	8 CYL	VIN.# C, M, W	Ford	4.000	5/64	032 BF PC GI	139	8	STD
								5/64	126 RVT PC GI	139010		0.25
								3/16	860 FV CR	139020		0.50
									732 FV CR	139030		0.75
										139040		1.00
										139060		1.50
										139070		1.75
										139080		2.00
										139100		2.50
									362 BF 3CR GI	2C139	8	STD
									126 RVT PC GI	2C139010		0.25
									860 FV CR	2C139020		0.50
									732 FV CR	2C139030		0.75
										2C139040		1.00
										2C139060		1.50
										2C139070		1.75
										2C139080		2.00
									397 BF PM S	2M139	8	STD
									126 RVT PC GI	2M139005		0.13
									860 FV CR	2M139010		0.25
									732 FV CR	2M139020		0.50
										2M139030		0.75
										2M139040		1.00
										2M139060		1.50
										2M139070		1.75
										2M139080		2.00
										2M139100		2.50
1995-98	5753	351	5.8 L	8 CYL	Vin: W	Exc. "Lightning"	101.60	1.50	032 BF PC GI	4346	8	STD
							4.000	1.50	126 RVT PC GI	4346020		0.50
								4.00	635 FV CR	4346030		0.75
									732 FV CR	4346040		1.00
										4346060		1.50
									327 BF PM GI	2M4346	8	STD
									126 RVT PC GI	2M4346010		0.25
									635 FV CR	2M4346020		0.50
									732 FV CR	2M4346030		0.75
										2M4346040		1.00
										2M4346060		1.50
1993-97	5753	351	5.8 L	8 CYL	Vin: H,N,R,	"Lightning" Shallow Top Grv.	101.60	1.50	032 BF PC GI	4726	8	STD
							4.000	1.50	126 RVT PC GI	4726020		0.50
								4.00	635 FV CR	4726030		0.75
									732 FV CR	4726040		1.00
										4726060		1.50
									397 BF PM S	2M4726	8	STD
									126 RVT PC GI	2M4726005		0.13
									635 FV CR	2M4726010		0.25
									732 FV CR	2M4726020		0.50
										2M4726030		0.75
										2M4726040		1.00
										2M4726060		1.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-TRUCKS												
1965-67	5769	352	5.8 L	8 CYL	FE	F-100, F-250	4.000	5/64 3/32 3/16	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
1968-86	5884	359	5.9 L	8 CYL		Zollner Piston #3253 & 3292	4.050	3/32	032 BF PC GI	5485	8	STD
1968-86	5917	361	5.9 L	8 CYL		3 Ring Piston		5/64 3/16	126 RVT PC GI 860 FV CR 732 FV CR	5485010 5485020 5485030 5485040 5485060 5485080		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	2C5485 2C5485010 2C5485020 2C5485030 2C5485040 2C5485060 2C5485080	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	2M5485 2M5485010 2M5485020 2M5485030 2M5485040 2M5485060 2M5485080	8	STD 0.25 0.50 0.75 1.00 1.50 2.00
1970-76	5884	359	5.9 L	8 CYL		F-Series	4.050	5/64	032 BF PC GI	6601	8	STD
1967-69	5917	361	5.9 L	8 CYL		4 Ring Piston		5/64 5/64 3/16	126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6601020 6601030 6601040 6601060		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	2M6601 2M6601020 2M6601030 2M6601040 2M6601060	8	STD 0.50 0.75 1.00 1.50
1970-74	5884	359	5.9 L	8 CYL		F-Series	4.050	3/32	032 BF PC GI	6686	8	STD
1970-74	5917	361	5.9 L	8 CYL		4 Ring Piston		5/64 5/64 3/16	126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6686010 6686020 6686030 6686040 6686060		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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-TRUCKS												
1968-76	5900	360	5.9 L	8 CYL		Ranger	4.050	5/64 3/32 3/16	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
1964-67	5917	361	5.9 L	8 CYL		F-Series	4.050	5/64 3/32 1/4	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
2003-10	5950	363	6.0 L	8 CYL	VT 365 International Eng.	Power Stroke Diesel incl. Turbo Special 2nd Ring gap .055 to .065	95.00 3.740	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
1979-95	6064	370	6.1 L	8 CYL		Zollner Piston #3253 & 3292 3 Ring Piston	4.050	3/32 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5485 5485010 5485020 5485030 5485040 5485060 5485080	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	2C5485 2C5485010 2C5485020 2C5485030 2C5485040 2C5485060 2C5485080	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	2M5485 2M5485010 2M5485020 2M5485030 2M5485040 2M5485060 2M5485080	8	STD 0.25 0.50 0.75 1.00 1.50 2.00
1968-86	6376	389	6.4 L	8 CYL		Zollner Piston #3253 & 3292 3 Ring Piston	4.050	3/32 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5485 5485010 5485020 5485030 5485040 5485060 5485080	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	2C5485 2C5485010 2C5485020 2C5485030 2C5485040 2C5485060 2C5485080	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	2M5485 2M5485010 2M5485020 2M5485030 2M5485040 2M5485060 2M5485080	8	STD 0.25 0.50 0.75 1.00 1.50 2.00

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-TRUCKS												
1967-69	6376	389	6.4 L	8 CYL		F-Series	4.050	5/64	032 BF PC GI	6601	8	STD
1967-69	6408	391	6.4 L	8 CYL		4 Ring Piston		5/64	126 RVT PC GI	6601020		0.50
								5/64	126 RVT PC GI	6601030		0.75
								3/16	860 FV CR	6601040		1.00
									732 FV CR	6601060		1.50
									345 T PM GI	2M6601	8	STD
									126 RVT PC GI	2M6601020		0.50
									126 RVT PC GI	2M6601030		0.75
									860 FV CR	2M6601040		1.00
									732 FV CR	2M6601060		1.50
1967	6392	390	6.4 L	8 CYL		F 250	4.050	5/64	032 BF PC GI	594	8	STD
								5/64	126 RVT PC GI	594020		0.50
								3/16	860 FV CR	594030		0.75
									732 FV CR	594040		1.00
										594060		1.50
									362 BF 3CR GI	2C594	8	STD
									126 RVT PC GI	2C594020		0.50
									860 FV CR	2C594030		0.75
									732 FV CR			
									327 BF PM GI	2M594	8	STD
									126 RVT PC GI	2M594020		0.50
									860 FV CR	2M594030		0.75
									732 FV CR	2M594060		1.50
1968-76	6392	390	6.4 L	8 CYL			4.050	5/64	032 BF PC GI	574	8	STD
								3/32	126 RVT PC GI	574020		0.50
								3/16	860 FV CR	574030		0.75
									732 FV CR	574040		1.00
										574060		1.50
									362 BF 3CR GI	2C574	8	STD
									126 RVT PC GI	2C574010		0.25
									860 FV CR	2C574020		0.50
									732 FV CR	2C574030		0.75
									345 T PM GI	2M574	8	STD
									126 RVT PC GI	2M574020		0.50
									860 FV CR	2M574030		0.75
									732 FV CR	2M574040		1.00
										2M574060		1.50
2011-On		398	6.4 L	8 CYL	Maxxforce 7	Turbo diesel	98.20	2.50	208 FKST CC DI	2D5287	8	STD
							3.866	2.00	129 T PC	2D528725		0.25
								2.50	203 CF GN SS	2D528750		0.50
									881 2PCO	2D528775		0.75
										2D5287100		1.00
2008-11	6408	391	6.4 L	8 CYL	Vin: R	32V Turbo V8 Power Stroke Diesel Eng	98.20	2.50	208 FKST CC DI	2D5741	8	STD
							3.866	2.00	129 T PC	2D574125		0.25
								3.00	553 CF CR GI	2D574150		0.50
									881 2PCO	2D574175		0.75
1964-67	6408	391	6.4 L	8 CYL		F-Series	4.050	5/64	362 BF 3CR GI	2C590	8	STD
								3/32	126 RVT PC GI	2C590020		0.50
								1/4	860 FV CR	2C590030		0.75
									732 FV CR			
									345 T PM GI	2M590	8	STD
									126 RVT PC GI	2M590020		0.50
									860 FV CR	2M590030		0.75
									732 FV CR			

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-TRUCKS												
1970-74	6408	391	6.4 L	8 CYL		F-Series 4 Ring Piston	4.050	3/32 5/64 5/64 3/16	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
2011-16	6507	397	6.2 L	8 CYL	Vin: 6 SOHC	flex fuel	102.00 4.016	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
1972-86	6556	400	6.6 L	8 CYL		Ford	4.000	5/64 5/64 3/16	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
1969-On	6572	401	6.6 L	6 CYL	OHV	7A Series, L-6 3 Ring Mahle Piston #1495 Turbo Diesel	4.400	1/8 3/32 3/16	372 FKST CR DI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7014	6	STD
2011-17	6654	406	6.7 L	8 CYL	Vin:T OHV	32V Power Stroke Turbo direct injection	99.00 3.897	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
1996-16	6802	415	6.8 L	10 CYL	Vin. D, S, Y		90.20 3.551	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4814 4814010 4814020 4814030 4814040	10	STD 0.25 0.50 0.75 1.00
									397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2M4814 2M4814010 2M4814020 2M4814030 2M4814040 2M4814060	10	STD 0.25 0.50 0.75 1.00 1.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-TRUCKS												
1983-88	6884	420	6.9 L	8 CYL		Diesel Eng	4.000	5/64 5/64 7/64	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
1983-88	6884	420	6.9 L	8 CYL		Diesel Eng Special .060 to .070 gap 2nd ring	4.000	5/64 5/64 7/64	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
1979-94	7031	429	7.0 L	8 CYL			4.360	3/32 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5621 5621020 5621030 5621040 5621060	8	STD 0.50 0.75 1.00 1.50
									363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5621 2C5621020 2C5621030 2C5621040 2C5621060	8	STD 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M5621 2M5621020 2M5621030 2M5621040 2M5621060	8	STD 0.50 0.75 1.00 1.50
1970-73	7031	429	7.0 L	8 CYL		Ford	4.360	5/64 5/64 3/16	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
1992-98	7031	429	7.0 L	8 CYL		Shallow Oil Ring Grv.	110.70 4.358	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 871 FV CR 732 FV CR	4740 4740020 4740030 4740040 4740060	8	STD 0.50 0.75 1.00 1.50
									363 BF CR GI 126 RVT PC GI 871 FV CR 732 FV CR	2C4740 2C4740020 2C4740030 2C4740040 2C4740060	8	STD 0.50 0.75 1.00 1.50
									345 T PM GI 126 RVT PC GI 871 FV CR 732 FV CR	2M4740 2M4740020 2M4740030 2M4740040 2M4740060	8	STD 0.50 0.75 1.00 1.50
1989-95	7294	445	7.3 L	8 CYL		Diesel Navistar Non Turbo Spec .062 to .072 gap 2nd ring	104.40 4.110	3.00 2.00 3.50	336 T PM DI 130 RVT PC GI 553 CF CR GI 881 2PCO	2M4741 2M4741020 2M4741030 2M4741040	8	STD 0.50 0.75 1.00
1993-94	7294	445	7.3 L	8 CYL	Vin: C,K	16V Diesel Navistar Indirect Injection Power Stroke Turbo Spec .045 to .065 gap 2nd ring	104.40 4.110	3.16 2.52 3.50	224 FKST PM DI 227 FKST CR DI 553 CF CR GI 881 2PCO	2M4873 2M4873020 2M4873030 2M4873040	8	STD 0.50 0.75 1.00
1994-04	7294	445	7.3 L	8 CYL		Diesel Navistar Turbo Direct Injection Spec .062 to .072 gap 2nd ring	104.40 4.110	3.00 2.00 3.50	260 FKST BF CC DI 129 T PC 553 CF CR GI 881 2PCO	2D4882 2D488225 2D488250 2D488275 2D4882100	8	STD 0.25 0.50 0.75 1.00

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
FORD-TRUCKS												
1972-91	7539	460	7.5 L	8 CYL	Vin: G	Ford	4.360	5/64 5/64 3/16	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
1992-97	7539	460	7.5 L	8 CYL		Shallow Oil Ring Grv.	110.70 4.358	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 871 FV CR 732 FV CR	4740 4740020 4740030 4740040 4740060	8	STD 0.50 0.75 1.00 1.50
									363 BF CR GI 126 RVT PC GI 871 FV CR 732 FV CR	2C4740 2C4740020 2C4740030 2C4740040 2C4740060	8	STD 0.50 0.75 1.00 1.50
									345 T PM GI 126 RVT PC GI 871 FV CR 732 FV CR	2M4740 2M4740020 2M4740030 2M4740040 2M4740060	8	STD 0.50 0.75 1.00 1.50
1958-81	7785	475	7.8 L	8 CYL			4 1/2	3/32 3/32 3/32 3/16	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	578 2C578 2C578020 2C578030 2C578040 2C578060 2C578080	8	STD STD 0.50 0.75 1.00 1.50 2.00
1991-On	7785	475	7.8 L	6 CYL		3 Ring Mahle Piston #1495 Turbo Diesel	4.400	1/8 3/32 3/16	372 FKST CR DI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7014	6	STD
1958-81	7818	477	7.8 L	8 CYL			4 1/2	3/32 3/32 3/32 3/16	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	578 2C578 2C578020 2C578030 2C578040 2C578060 2C578080	8	STD STD 0.50 0.75 1.00 1.50 2.00
1958-81	8752	534	8.8 L	8 CYL			4 1/2	3/32 3/32 3/32 3/16	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	578 2C578 2C578020 2C578030 2C578040 2C578060 2C578080	8	STD STD 0.50 0.75 1.00 1.50 2.00
1975-92		636	####	8 CYL		2 Ring Piston	4 1/2	1/8 7/64	220 TBF PM DI 553 CF CR GI 881 2PCO	2D7473 2D7473020 2D7473030 2D7473040	1	STD 0.50 0.75 1.00

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
				4 CYL	10.82 Model Gas & Alch.	Chevette (Brazilian) Fit Brazilian Mahle Piston	82.00 3.228	1.50 1.75 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	4802 4802020 4802030 4802040	4	STD 0.50 0.75 1.00
									327 BF PM GI 126 RVT PC GI 058 FV CR 732 FV CR	2M4802 2M4802020 2M4802030 2M4802040	4	STD 0.50 0.75 1.00
2003-On	803	49	0.8 L	3 CYL	Kia Eng.	QQ	72.00 2.835	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
1985-00	1000	61	1.0 L	3 CYL	Vin: 2,6 Suzuki Eng. Incl. Turbo	Sprint	74.00 2.913	1.20 1.50 2.80	398 BF CR S 435 SCRP 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
	1000	61	1.0 L	4 CYL		Corsa 8V Fits Brazilian Mahle Piston	71.08 2.798	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	4517	4	STD
									362 BF 3CR GI 126 RVT PC GI 054 FV CR 732 FV CR	2C4517 2C4517020 2C4517040	4	STD 0.50 1.00
1989-95	1000	61	1.0 L	3 CYL	Suzuki Eng.	GEO Metro 2 Ring Piston	74.00 2.913	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
2002-On	1000	61	1.0 L	4 CYL	VHC	Corsa 16V, GMB 8V	71.08 2.798	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
2009-On	1206	74	1.2 L	4 CYL	B12D	N200 N300	69.70 2.744	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
1990-97	1295	79	1.3 L	4 CYL	Vin: 9 Suzuki Eng.	GEO	74.00 2.913	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
1998-01	1295	79	1.3 L	4 CYL	G13KS Suzuki Eng.	GEO Metro	74.00 2.913	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
2001-17	1364	83	1.4 L	4 CYL	LUJ LUV Vin:9 ,B, C	L4 Turbo	72.50 2.854	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
2012-16	1398	85	1.4 L	4 CYL	LUJ, LUV, VVT	L4 Ecotec, Onix Brazil Turbo	77.58 3.055	1.00 1.00 2.00	398 BF CR S 123 RVT PC DI 993 FV CR 005 FV CR	2C4354 2C435450	4	STD 0.50
	1399	85	1.4 L	4 CYL	DOHC	Lova, Twin-Tec	77.90 3.067	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
2012-15	1399	85	1.4 L	4 CYL	NID 102 H.P mfg: GM Shanghai	Sail 16V	73.80 2.906	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
2006-11	1400	85	1.4 L	4 CYL	F14D4 Made In Korea	Aveo, Cruz, Lanos	77.90 3.067	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C4115	4	STD
1976-77	1400	85	1.4 L	4 CYL		Chevette	82.00 3.228	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	STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
1973-82	1400	85	1.4 L	4 CYL		Chevette Fit Brazilian Mahle Piston	82.00 3.228	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
2004-06	1500	92	1.5 L	4 CYL		Aveo	76.50 3.012	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
1985-89	1500	92	1.5 L	4 CYL	Isuzu Eng.	GEO, Spectrum Incl. Turbo 2 Ring Piston	77.00 3.031	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
1987-89	1500	92	1.5 L	4 CYL	Isuzu Eng.	GEO, Spectrum Incl. Turbo	77.00 3.031	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
1989-00	1587	97	1.6 L	4 CYL	G16, G16K, G16KV Vin: U Suzuki Eng.	GEO, Tracker	75.00 2.953	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
1990-95	1588	97	1.6 L	4 CYL	4XE1 DOHC/SOHC Isuzu Eng.	GEO Storm	80.00 3.150	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
1997-02	1590	97	1.6 L	4 CYL	G16S, G16KV Vin: 6 Suzuki Eng.	Esteem, GEO	75.00 2.953	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
2009-13	1598	98	1.6 L	4 CYL	LXV, VCT Vin: E, G DOHC	Aveo, G3	79.00 3.110	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
1984-87	1598	97	1.6 L	4 CYL		Chevrolet, Pontiac Shallow Oil Ring Grv.	82.00 3.228	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	STD 0.25 0.50 0.75 1.00 STD 0.50 0.75 1.00

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
1976-83	1598	97	1.6 L	4 CYL		Chevette 3.228 Deep Oil ring Grv.	82.00 3.228	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	4393 4393010 4393020 4393030 4393040 4393060	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	2C4393 2C4393010 2C4393020 2C4393030 2C4393040 2C4393060	4	STD 0.25 0.50 0.75 1.00 1.50
1988-11	1598	98	1.6 L	4 CYL	L91 Vin: 6 SOHC Pontiac - Korean Eng.	Aveo, Optra LS	79.00 3.110	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
1997-On	1598	98	1.6 L	4 CYL	Opel Eng.	Coras w/2.5mm oil grv.	79.00 3.110	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
1989-93	1598	98	1.6 L	4 CYL	4AGLEC VIN 6 Toyota Eng.	GEO	81.00 3.189	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
1987-On	1598	97	1.6 L	4 CYL	Gas/Alch.	Chevette Fits Brazilian Mahle Piston	82.00 3.228	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	4801	4	STD
									363 BF CR GI 126 RVT PC GI 054 FV CR 732 FV CR	2C4801 2C4801020 2C4801040	4	STD 0.50 1.00
	1598	98	1.6 L	4 CYL	DOHC Made in China	Buick, Excelle w/3.0mm oil grv.	79.00 3.110	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
1983-89	1598	97	1.6 L	4 CYL	Toyota Eng.	Nova	81.00 3.189	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
1990-92	1598	98	1.6 L	4 CYL	Vin: 5	GEO	81.00 3.189	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
1993-97	1598	98	1.6 L	4 CYL	Vin: 6 Toyota Eng.	GEO	81.00 3.189	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
1993-97	1770	108	1.8 L	4 CYL	Toyota Eng.	GEO	81.00 3.189	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
1998-08	1794	110	1.8 L	4 CYL	1ZZ-FE Vin: 8,L Toyota Eng.	Prizm, Pontiac Vibe	79.00 3.110	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
2004-06	1796	110	1.8 L	4 CYL	2ZZ-GE Toyota Eng.	Vibe GT	82.00 3.228	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
2009-10	1798	110	1.8 L	4 CYL	2ZRFE DOHC Toyota Eng.	Vibe 1.5 mm Oil Grv.	80.50 3.169	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
	1798	110	1.8 L	4 CYL	DOHC Twin-Tec Made in China	Buick, Excelle	81.60 3.212	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
1986-91	1798	110	1.8 L	4 CYL	Made in Brazil	Monza	84.78 3.338	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
1987-On	1798	110	1.8 L	4 CYL		Monza, Omega Fit Brazilian Mahle Piston	84.78 3.338	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
1982-86	1798	110	1.8 L	4 CYL		Ascona, Kadett GSi, Monza, Omege, Rekord Fit Brazilian Mahle Piston	84.78 3.338	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
2002-15	1798	110	1.8 L	4 CYL	X18XE1 Vin;H DOHC Opel Eng.	Astra, Corsa, Cruze Fit Brazilian Mahle Piston	80.50 3.169	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C5185 2C5185010 2C5185010 2C5185020 2C5185030 2C5185040	4	STD 0.25 0.25 0.50 0.75 1.00
2004-05	1798	110	1.8 L	4 CYL	L79	Optra LS, MPFI	81.60 3.212	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
1996-97	1803	110	1.8 L	4 CYL	Vin: 8 Toyota Eng.	GEO	81.00 3.189	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
1976-84	1820	111	1.8 L	4 CYL	G180Z, LUV Isuzu Eng.		84.00 3.307	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
1981-82	1835	112	1.8 L	4 CYL		Chevrolet, Pontiac Shallow Oil Ring Grv.	89.00 3.504	1.50 2.00 4.75	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	5650 5650020 5650030 5650040 5650060	4	STD 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2M5650 2M5650020 2M5650030 2M5650040 2M5650060	4	STD 0.50 0.75 1.00 1.50
1982-86	1835	112	1.8 L	4 CYL	Vin: O incl. Turbo Made in Brazil	Oldsmobile, Pontiac	84.80 3.338	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
1982-84	1835	112	1.8 L	4 CYL		Buick, Chev., Pont. Deep Oil Ring Grv.	89.00 3.504	1.50 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	4408 4408020 4408030 4408040	4	STD 0.50 0.75 1.00
									397 BF PM S 126 RVT PC GI 860 FV CR 732 FV CR	2M4408 2M4408020 2M4408030 2M4408040	4	STD 0.50 0.75 1.00
1983-85	1835	112	1.8 L	4 CYL		Chevrolet Shallow Oil Ring Grv.	89.00 3.504	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
1975-79	1900	120	1.9 L	4 CYL		Export	90.00 3.543	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
1991-94	1900	116	1.9 L	4 CYL		Saturn	82.00 3.228	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 4 0.50 0.75 1.00
1995-98	1900	116	1.9 L	4 CYL	Vin: 7,8	Saturn	82.00 3.228	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
1999-02	1900	116	1.9 L	4 CYL	Vin: 7,8	Saturn SC, SL, SW Series	82.00 3.228	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
1971-72	1900	120	1.9 L	4 CYL	OHC	Firenza	3	3/4 5/64 3/16	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 4 STD
1987-95 2004-05	1982 1999	121 122	2.0 L 2.0 L	4 CYL 4 CYL	Vin: K,M L34, LS DOHC incl. Turbo	Chevrolet, Pontiac Fit Brazilian Mahle Piston	86.00 3.386	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 4 STD 0.25 0.50 0.75 1.00 1.50
2005-11	1991		2.0 L	4 CYL	Z 20DM, Z20 DHM, Z20S, Z 20S1	Captiva, Cruze, Epica, Nubira	83.00 3.268	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
2007-On	1998		2.0 L	4 CYL	Z 20 LER	Cadillac BLS 2.0	86.00 3.386	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
2008-14	1999	122	2.0 L	4 CYL	ATS, CTS	Cobalt, HHR w/2.0mm oil grv. GAS, FLEX	86.00 3.386	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
1987-89	1999	122	2.0 L	4 CYL	Vin : 1	Buick, Cad., Chevrolet, Shallow Oil Ring Grv.	89.00 3.504	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
1975-77	1999	122	2.0 L	4 CYL		Chev., Pont., Vega	88.90 3.500	2.00 2.00 4.75	032 BF PC GI 401 SCRP PC GI 860 FV CR 732 FV CR 327 BF PM GI 401 SCRP PC GI 860 FV CR 732 FV CR	6810 6810030 2M6810 2M6810030	4	STD 0.75 4 STD 0.75
1982-84	2000	122	2.0 L	4 CYL		Buick, Chev., Pont Deep Oil Ring Grv.	89.00 3.504	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 4 STD 0.50 0.75 1.00

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
1984-86	2000	122	2.0 L	4 CYL		Chevrolet	89.00	1.50	032 BF PC GI	6169	4	STD
						Shallow Oil Ring Grv.	3.504	1.50	126 RVT PC GI	6169020		0.50
								4.75	872 FV CR	6169030		0.75
									732 FV CR	6169040		1.00
										6169060		1.50
									397 BF PM S	2M6169	4	STD
									126 RVT PC GI	2M6169020		0.50
									872 FV CR	2M6169030		0.75
									732 FV CR	2M6169040		1.00
										2M6169060		1.50
2006-15	2196	134	2.2 L	4 CYL	Vin: B, H	Malibu, Regal, Soltice, Sky w/2.0mm oil grv. GAS, FLEX	86.00	1.20	398 BF CR S	2C4179	4	STD
							3.386	1.50	126 RVT PC GI	2C4179020		0.50
								2.00	993 FV CR	2C4179030		0.75
									005 FV CR			
1987-05	2196	134	2.2 L	4 CYL	Vin: 1, 4, 5, 6	Pontiac	89.00	1.50	397 BF PM S	2M6209	4	STD
						Shallow Oil Ring Grv.	3.504	1.50	126 RVT PC GI	2M6209020		0.50
								3.00	872 FV CR	2M6209030		0.75
									005 FV CR	2M6209040		1.00
										2M6209060		1.50
2000-04	2198		2.2 L	4 CYL	Z 22 SE	Chevrolet Astra, Vectra	86.00	1.20	322 BF GN SS	2N4189	4	STD
							3.386	1.50	406 N PC DI	2N418925		0.25
								2.50	987 FV GN SS	2N418950		0.50
									714 GN SS			
1960	2294	140	2.3 L	6 CYL		Chevrolet Corvair	3	3/8	032 BF PC GI	662	6	STD
								5/64	126 RVT PC GI			
								5/64	860 FV CR			
								3/16	732 FV CR			
									362 BF 3CR GI	2C662	6	STD
									126 RVT PC GI			
									860 FV CR			
									732 FV CR			
1987-95	2294	140	2.3 L	4 CYL	Vin: A,D,3	Quad 4, Buick, Olds, Pontiac	92.00	1.50	032 BF PC GI	4468	4	STD
						Shallow Oil Ring Grv.	3.622	1.50	126 RVT PC GI	4468010		0.25
								3.00	054 FV CR	4468020		0.50
									005 FV CR	4468030		0.75
										4468040		1.00
									335 T PM DI	2M4468	4	STD
									126 RVT PC GI	2M4468010		0.25
									054 FV CR	2M4468020		0.50
									005 FV CR	2M4468030		0.75
										2M4468040		1.00
										2M4468060		1.50
1971-76	2294	140	2.3 L	4 CYL		Chev., Pont., Vega	88.90	2.00	032 BF PC GI	6810	4	STD
							3.500	2.00	401 SCRP PC GI	6810030		0.75
								4.75	860 FV CR			
									732 FV CR			
									327 BF PM GI	2M6810	4	STD
									401 SCRP PC GI	2M6810030		0.75
									860 FV CR			
									732 FV CR			
1961-63	2376	145	2.4 L	6 CYL		Chevrolet Corvair	3	7/16	032 BF PC GI	663	6	STD
								5/64	126 RVT PC GI	663030		0.75
								5/64	860 FV CR			
								3/16	732 FV CR			
									362 BF 3CR GI	2C663	6	STD
									126 RVT PC GI	2C663030		0.75
									860 FV CR			
									732 FV CR			
2006-09	2376	145	2.4 L	4 CYL	Vin: B,P,5 DOHC	Cobalt, HHR w/2.5mm oil grv.	88.00	1.20	398 BF CR S	2C5228	4	STD
							3.464	1.50	126 RVT PC GI	2C5228020		0.50
								2.50	995 FV CR	2C5228030		0.75
									732 FV CR	2C5228040		1.00
2009-15	2376	145	2.4 L	4 CYL	Vin: B, W DOHC	16V Captive, HHR, Malibu ECOTEC w/2.0mm oil grv	88.00	1.20	398 BF CR S	2C4564	4	STD
							3.464	1.50	126 RVT PC GI	2C4564010		0.25
								2.00	993 FV CR	2C4564020		0.50
									005 FV CR	2C4564030		0.75
2004-08	2393	146	2.4 L	4 CYL	146C.I.D SOHC	16V L4 Astra Export	87.50	1.20	398 BF CR S	2C4174	4	STD
							3.445	1.50	126 RVT PC GI	2C4174020		0.50
								2.50	995 FV CR	2C4174030		0.75
									732 FV CR	2C4174040		1.00

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
1996-02	2393	146	2.4 L	4 CYL	Vin: T		90.00 3.543	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 872 FV CR 732 FV CR	2C4898 2C4898010 2C4898020 2C4898030 2C4898040	4	STD 0.25 0.50 0.75 1.00
									397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2M4898 2M4898010 2M4898020 2M4898030 2M4898040	4	STD 0.25 0.50 0.75 1.00
2014-16	2457	150	2.5 L	4 CYL	LKW DOHC	Impala ECOTEC w/2.0mm oil grv	88.00 3.464	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
1982-93	2474	151	2.5 L	4 CYL		Chevorlet, Buick, Oldsmobile, Pontiac Deep Oil Grv.	4.000	1/16 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	4366 4366020 4366030 4366040 4366060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4366 2C4366020 2C4366030 2C4366040 2C4366060	4	STD 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M4366 2M4366020 2M4366030 2M4366040 2M4366060	4	STD 0.50 0.75 1.00 1.50
1978-80	2474	151	2.5 L	4 CYL		Buick, Chevrolet	4.000	5/64 5/64 3/16	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
1981	2474	151	2.5 L	4 CYL		Chevrolet, Pontiac Fit Brazilian Mahle Piston Shallow Oil Ring Grv.	4.000	5/64 5/64 3/16	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
1982-93	2474	151	2.5 L	4 CYL		Buick, Chevrolet Shallow Oil Ring Grv.	4.000	1/16 5/64 3/16	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 4 0.50 0.75 1.00 1.50 4 0.50 0.75 1.00 1.50
1962-70	2507	153	2.5 L	4 CYL		Chevrolet	3	7/8 5/64 3/16	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 4 0.25 0.50 0.75 1.00 1.50 4 0.25 0.50 0.75 1.00 1.50 2.00
1964-69	2687	164	2.7 L	6 CYL		Chevrolet Corvair	3	7/16 1/16 1/8	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	STD 0.50 0.75 1.00 1.50 6 0.50 0.75 1.00 1.50 6 0.50 0.75 1.00 1.50
2005-11	2792	170	2.8 L	6 CYL	LAU Vin: 4,6 DOHC	Cadillac CTS,SRX	89.00 3.504	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
1985-89	2827	173	2.8 L	6 CYL		Cad., Chevrolet, Pontiac w/ Cast Iron Heads Shallow Oil Ring Grv.	89.00 3.504	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
1981-84	2835	173	2.8 L	6 CYL		Chevrolet	89.00 3.504	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
1980	2835	173	2.8 L	6 CYL		Buick, Chev., Pont.	3	1/2 5/64 3/16	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	582 582005 582030 582040 582060 2C582 2C582005 2M582 2M582005 2M582030 2M582040	6	STD 0.13 0.75 1.00 1.50 6 0.13 6 0.13 0.75 1.00
1987-93	2835	173	2.8 L	6 CYL	Vin: W	Buick, Cad., Chevrolet Shallow Oil Ring Grv.	89.00 3.504	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 6 0.25 0.50 0.75 1.00 1.50
1997-00	2966	181	3.0 L	6 CYL	Vin: R	Cadillac Catera	86.00 3.386	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
1982-88	2966	181	3.0 L	6 CYL		Chevrolet, Buick Non Turbo	3.800	5/64 5/64 3/16	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 6 0.25 0.50 0.75 1.00 1.50 6 0.50 0.75 1.00 1.50
2010-13	2982	182	3.0 L	6 CYL	LFW Vin. 5	Flex Fuel	89.00 3.504	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
1999-05	3000	183	3.0 L	6 CYL	Vin: R	Catera, Saturn 24 Valve	86.00 3.386	1.20 1.50 3.00	398 BF CR S 435 SCRP PC GI 054 FV CR 732 FV CR	2C4996 2C4996020 2C4996030 2C4996040	6	STD 0.50 0.75 1.00

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
1996-99	3097	189	3.1 L	6 CYL	Vin: M,K	Deep Oil Grv.	89.00 3.504	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
1999-05	3097	189	3.1 L	6 CYL	Vin: J	Shallow Oil Grv.	89.00 3.504	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	STD 0.50 0.75 1.00 STD 0.50 0.75
1989-95	3097	189	3.1 L	6 CYL	Vin: D, M, T, W	Buick, Cad., Chevrolet Shallow Oil Ring Grv.	89.00 3.504	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
1962-67	3179	194	3.2 L	6 CYL		Chevrolet	3	9/16 5/64 5/64 3/16	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
1961-63	3195	195	3.2 L	4 CYL		Lemans, Pontiac Tempest	4.063	5/64 5/64 3/16	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
1978-79	3212	196	3.2 L	6 CYL		Chevrolet	3	1/2 5/64 5/64 3/16	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	582 582005 582030 582040 582060 2C582 2C582005 2M582 2M582005 2M582030 2M582040	6	STD 0.13 0.75 1.00 1.50 STD 0.13 STD 0.13 0.75 1.00
2003-04	3228	197	3.2 L	6 CYL	Vin: N	Buick, Cadillac CTS	87.50 3.445	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
1962-63	3245	198	3.2 L	6 CYL		Buick	3	5/8	5/64 5/64 3/16	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	
1978-79	3277	200	3.3 L	6 CYL		Chevrolet For 89 mm, use .005	3	1/2	5/64 5/64 3/16	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	
1989-95	3300	204	3.3 L	6 CYL		Buick, Chevrolet, Pontiac Shallow Oil Ring Grv.	94.00 3.701	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	
1991-97	3392	207	3.4 L	6 CYL	Vin: X	Chevrolet	92.00 3.622	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	
1996-03	3392	207	3.4 L	6 CYL	Vin: E	w/4.00 mm Oil Grv.	92.00 3.622	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	
1996-08	3392	207	3.4 L	6 CYL	Vin: E,F,X	w/3.00 mm Oil Grv.	92.00 3.622	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	
2004-07	3474	212	3.5 L	6 CYL	Vin: U SOHC Honda Eng.	Saturn Vue	89.00 3.504	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	
1999-03	3507	214	3.5 L	6 CYL	Vin: H Oldsmobile Eng.		89.50 3.524	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	
2004-11	3507	214	3.5 L	6 CYL	LZ43.5N Vin: K, N OHV		99.00 3.897	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	

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE	
GENERAL MOTORS-CARS													
1961-63	3523	215	3.5 L	8 CYL		Buick Special	3	1/2	5/64 5/64 3/16	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 8 8 8 8	STD 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 STD 0.75 1.00
1964-65	3523	215	3.5 L	6 CYL		Lemans, Pontiac Tempest	3.750	5/64 5/64 3/16	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 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 0.25 0.50 0.75 1.00 1.50	
1937-53	3540	216	3.5 L	6 CYL		Chevrolet	3	1/2	1/8 1/8 3/16	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
1937-53	3540	216	3.5 L	6 CYL		Chevrolet 4 Ring Repl. Piston	3	1/2	1/8 1/8 3/16 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	6337	6	STD
2012-17	3556	217	3.6 L	6 CYL	LFX Vin: 3 DOHC	Camero LT, Caprice, Traverse V6	94.00 3.701	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	
1939-40	3638	222	3.6 L	6 CYL		Quality Six 39-25, Special Six 40-25, Deluxe Six 39-26, Pontiac 40-26	3	7/16	3/32 3/32 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	618 618020 618040	6	STD 0.50 1.00
1964-67	3687	225	3.7 L	6 CYL		Buick, Oldsmobile, Pontiac	3.750	5/64 5/64 3/16	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 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 0.25 0.50 0.75 1.00 1.50	

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
1980-84	3753	229	3.8 L	6 CYL		Chevrolet, Pontiac	3.736	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5617 5617010 5617020 5617030 5617040 5617060	6	STD 0.25 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5617 2C5617010 2C5617020 2C5617030 2C5617040 2C5617060	6	STD 0.25 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 860 FV CR 732 FV CR	2M5617 2M5617010 2M5617020 2M5617030 2M5617040 2M5617060	6	STD 0.25 0.50 0.75 1.00 1.50
1963-70	3770	230	3.8 L	6 CYL		Chevy Chevy, Police & Taxi Fits Brazilian Mahle Piston	3.875	5/64 5/64 3/16	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
1974-87	3785	231	3.8 L	6 CYL		Oldsmobil, Pontiac Non Turbo	3.800	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5474 5474020 5474030 5474040 5474060	6	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5474 2C5474010 2C5474020 2C5474030 2C5474040 2C5474060	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	2M5474 2M5474020 2M5474030 2M5474040 2M5474060	6	STD 0.50 0.75 1.00 1.50
1987-92	3800	231	3.8 L	6 CYL		Buick, Chevrolet, Pontiac Shallow Oil Ring Grv.	96.50 3.799	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4458 4458020 4458030 4458040 4458060	6	STD 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 872 FV CR 732 FV CR	2M4458 2M4458020 2M4458030 2M4458040 2M4458060	6	STD 0.50 0.75 1.00 1.50
1993-95	3800	231	3.8 L	6 CYL	Vin: 1,L	Buick, GMC V6	96.50 3.799	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
1996-09	3800	231	3.8 L	6 CYL	Vin: 1,2,4,K	Chevrolet	96.50 3.799	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 2M4866060	6	STD 0.25 0.50 0.75 1.00 1.50
1978-87	3800	231	3.8 L	6 CYL		Buick Turbo	3.800	5/64 5/64 3/16	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
1950-62	3851	235	3.9 L	6 CYL		Chevrolet	3	9/16 3/32 1/8 3/16	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	STD 0.75 STD 0.75
1941-62	3851	235	3.9 L	6 CYL		Chevrolet All Models 24, 25, 26 Pontiac	3	9/16 3/32 3/16	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
1954-61	3851	235	3.9 L	6 CYL		Chevrolet 4 Ring Piston	3	9/16 3/32 3/32 3/16 3/16	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
1941-48	3900	238	3.9 L	6 CYL		All Models 66, 76, 96 Oldsmobile Canada 35, 36	3	1/2 3/32 3/32 3/16 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	611	6	STD
2004-12	3900	238	3.9 L	6 CYL	LZG (gas), LZE (flexfuel) Vin: M,R,W,1,3 OHV		99.00 3.897	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
1953-54	3916	239	3.9 L	6 CYL		All Models Pontiac	3	9/16 5/64 5/64 3/16	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
1994-95	4000	244	4.0 L	8 CYL	DOHC	Olds Aurora	87.00 3.425	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	STD 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00
1996-99	4000	244	4.0 L	8 CYL	Vin: C DOHC	Olds Aurora	87.00 3.425	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
1939-49	4064	248	4.1 L	8 CYL		All Models, Deluxe Eight 39-29, 27, 28, 29 Pontiac	3	1/4 3/32 3/32 3/16	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
1966-70	4097	250	4.1 L	6 CYL		Chevolet, Pontiac	3	7/8	1/16 1/16 3/16 732 FV CR 327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	670	6	STD
										2M670	6	STD
										2M670010		0.25
										2M670030		0.75
1971-89	4097	250	4.1 L	6 CYL	OHC	Chevy, Police & Taxi Fits Brazilian Mahle Piston	3.875	5/64 5/64 3/16	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 6 STD 0.25 0.50 0.75 1.00 1.50 2.00 6 STD 0.25 0.50 0.75 1.00 1.50 2.00
1987-89	4130	252	4.1 L	8 CYL		Cadillac Allante Shallow Oil Ring Grv.	88.00 3.464	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
1980-87	4130	252	4.1 L	6 CYL		Buick, Cadillac, Pontiac, Oldsmobile	3.965	5/64 5/64 3/16	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	5619 5619020 5619030 5619040 5619060 2C5619 2C5619020 2C5619030 2C5619040 2C5619060 2M5619 2M5619020 2M5619030 2M5619040 2M5619060	6	STD 0.50 0.75 1.00 1.50 6 STD 0.50 0.75 1.00 1.50 6 STD 0.50 0.75 1.00 1.50
1982-87	4130	252	4.1 L	8 CYL		Cadillac Shallow Oil Ring Grv.	88.00 3.464	2.00 2.00 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 327 BF PM GI 126 RVT PC GI 872 FV CR 732 FV CR	5654 5654005 5654010 5654020 5654030 5654040 5654060 2C5654 2C5654005 2C5654010 2C5654020 2C5654030 2C5654040 2C5654060 2M5654 2M5654005 2M5654010 2M5654020 2M5654030 2M5654040 2M5654060	8	STD 0.13 0.25 0.50 0.75 1.00 1.50 8 STD 0.13 0.25 0.50 0.75 1.00 1.50 8 STD 0.13 0.25 0.50 0.75 1.00 1.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
1975-82	4260	260	4.3 L	8 CYL		Oldsmobile	3	1/2	5/64 5/64 3/16	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 <

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
1954-55	4326	264	4.3 L	8 CYL		40 Series Buick	3	5/8	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	633 633010 633020 633030 633040 633060	8 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
1980-81	4343	265	4.3 L	8 CYL		Buick, Olds., Pont. Shallow Oil Ring Grv.	3	3/4	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	5616 5616020 5616030 5616040 5616060	8 STD 0.50 0.75 1.00 1.50
										362 BF 3CR GI 126 RVT PC GI 872 FV CR 732 FV CR	2C5616 2C5616020 2C5616030 2C5616040 2C5616060	8 STD 0.50 0.75 1.00 1.50
										327 BF PM GI 126 RVT PC GI 872 FV CR 732 FV CR	2M5616 2M5616020 2M5616030 2M5616040 2M5616060	8 STD 0.50 0.75 1.00 1.50
1955-57	4343	265	4.3 L	8 CYL		Chevrolet	3	3/4	5/64 5/64 3/16	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
1994-96	4343	265	4.3 L	8 CYL	Vin: W	Chevrolet Shallow Oil Ring Grv.	94.89 3.736	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE	
GENERAL MOTORS-CARS													
1979-82	4375	267	4.4 L	8 CYL		Buick, Chevolet	3	1/2	5/64 5/64 3/16	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 0.75 1.00 1.50 8 0.25 0.50 0.75 1.00 8 0.75 1.00	STD 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 STD 0.75 1.00
1988-95	4474	273	4.5 L	8 CYL		Cadillac Shallow Oil Ring Grv.	92.00 3.622	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	4284 4284010 4284020 4284040 2M4284 2M4284010 2M4284020	8 0.25 0.50 1.00 8 0.25 0.50	STD 0.25 0.50 1.00 STD 0.25 0.50	
1993-95	4605	281	4.6 L	8 CYL		Cadillac	93.00 3.661	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	4790 4790010 4790020 4790030 4790040 2M4790 2M4790010 2M4790020 2M4790030 2M4790040	8 0.25 0.50 0.75 1.00 8 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	
1996-99	4605	281	4.6 L	8 CYL	Vin: 9,Y	Cadillac	93.00 3.661	1.20 1.50 3.00	398 BF CR S 126 RVT PC GI 872 FV CR 732 FV CR	2C4894 2C4894010 2C4894020	8 0.25 0.50	STD 0.25 0.50	
2000-11	4605	281	4.6 L	8 CYL	Vin: 6,9,A,J,S,Y	Cadillac	93.00 3.661	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 0.25 0.50 0.75 1.00	STD 0.25 0.50 0.75 1.00	
1957-67	4640	283	4.6 L	8 CYL		Chevrolet	3	7/8	5/64 5/64 3/16	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	660 660010 660020 660030 660040 660060 660080 2M660 2M660010 2M660020	8 0.25 0.50 0.75 1.00 1.50 2.00 8 0.25 0.50	STD 0.25 0.50 0.75 1.00 1.50 2.00 STD 0.25 0.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
1955	4703	287	4.7 L	8 CYL		Models 27, 28 Pontiac	3	3/4	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	568 568010 568020 568030 568040 568060 568080 568100	8 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 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 0.25 0.50 0.75 1.00 1.50 2.00 2.50
1964-67	4916	300	4.9 L	8 CYL		Buick	3	3/4	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	568 568010 568020 568030 568040 568060 568080 568100	8 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 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 0.25 0.50 0.75 1.00 1.50 2.00 2.50
1988-95	4916	300	4.9 L	8 CYL		Cadillac Shallow Oil Ring Grv.	92.00 3.622	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 0.25 0.50 1.00
										327 BF PM GI 126 RVT PC GI 872 FV CR 005 FV CR	2M4284 2M4284010 2M4284020	8 0.25 0.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
1977-79	4933	301	4.9 L	8 CYL		Pontiac	4.000	5/64 5/64 3/16	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
1980-81	4933	301	4.9 L	8 CYL		Pontiac Shallow Oil Ring Grv.	4.000	5/64 5/64 3/16	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
1967-70	4950	302	5.0 L	8 CYL		Chevrolet Camaro Rally Pack.	4.000	5/64 5/64 3/16	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
1949-53	4965	303	5.0 L	8 CYL		Oldsmobile Canada 36, 37	3	3/4	5/64 5/64 3/16	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
1976-93	4998	305	5.0 L	8 CYL		Buick, Chev., Pont. Deep Oil Ring Grv.	3.736	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5499 5499010 5499020 5499030 5499040 5499060	8 STD 0.25 0.50 0.75 1.00 1.50	
										362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5499 2C5499010 2C5499020 2C5499030 2C5499040 2C5499060	8 STD 0.25 0.50 0.75 1.00 1.50
										397 BF PM S 126 RVT PC GI 860 FV CR 732 FV CR	2M5499 2M5499010 2M5499020 2M5499030 2M5499040 2M5499060	8 STD 0.25 0.50 0.75 1.00 1.50
1993-02	4998	305	5.0 L	8 CYL	Vin:M	Bonneville, Camaro, Caprice Shallow Oil Ring Grv.	94.89 3.736	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4742 4742010 4742020 4742030 4742040 4742060	8 STD 0.25 0.50 0.75 1.00 1.50	
										327 BF PM GI 126 RVT PC GI 872 FV CR 732 FV CR	2M4742 2M4742010 2M4742020 2M4742030 2M4742040 2M4742060	8 STD 0.25 0.50 0.75 1.00 1.50
1968-73	5030	307	5.0 L	8 CYL		Chevrolet	3	7/8	5/64 5/64 3/16	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
1981-90	5030	307	5.0 L	8 CYL		Buick, Cadillac, Oldsmobile, Pontiac	3.800	5/64 5/64 3/16	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
1956-57	5180	316	5.2 L	8 CYL		All Models 27, 28 Pontiac	3 15/16	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	636 636030	8	STD 0.75
1940-52	5245	320	5.2 L	8 CYL		Buick 60 Century, 70 Roadmaster, 80, 90 Limited Canada 46, 47, 48, 49 Series	3	7/16 3/32 3/32 3/16 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	429 429060	8	STD 1.50
1953-60	5277	322	5.3 L	8 CYL		40, 50, 60, 70 Series Buick	4.000	5/64 5/64 3/16	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
1954-56	5309	324	5.3 L	8 CYL		Oldsmobile Canada 30, 36	3	7/8 5/64 5/64 3/16	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
1964-67	5342	326	5.3 L	8 CYL		Pontiac	3 23/32	5/64 5/64 3/16	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	450 450030 450040 450060 2C450 2C450030 2C450040 2C450060 2M450 2M450030 2M450040 2M450060	8	STD 0.75 1.00 1.50 8 0.75 1.00 1.50 8 0.75 1.00 1.50
1963	5342	326	5.3 L	8 CYL		Pontiac	3 25/32	5/64 5/64 3/16	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C682	8	STD
1962-69	5360	327	5.4 L	8 CYL		Chevrolet	4.000	5/64 5/64 3/16	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 2M139 2M139005 2M139010 2M139020 2M139030 2M139040 2M139060 2M139070 2M139080 2M139100	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	STD 0.25 0.50 0.75 1.00 1.50 1.75 2.00 2.50 8 STD 0.25 0.50 0.75 1.00 1.50 1.75 2.00 8 STD 0.13 0.25 0.50 0.75 1.00 1.50 1.75 2.00 2.50
1964-66	5408	330	5.4 L	8 CYL		Oldsmobile	3 15/16	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	636 636030	8	STD 0.75
1966-67	5572	340	5.6 L	8 CYL		Buick	3 3/4	5/64 5/64 3/16	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 8 STD 0.25 0.50 0.75 1.00 1.50 8 STD 0.25 0.50 0.75 1.00 1.50 2.00 2.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
1997-05	5670	346	5.7 L	8 CYL	LS1 Vin: G,S	Corvette, Camaro, Firebird For Cast Iron Slvs Only	99.00 3.897	1.50 1.50 3.00	397 BF PM S 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
1958-63	5703	348	5.7 L	8 CYL		Chevrolet	4 1/8	5/64 5/64 3/16	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
1968-80	5735	350	5.7 L	8 CYL		Buick, Cadillac, Pontiac, Oldsmobile	4.058	5/64 5/64 3/16	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	697 697030 697040 697060 2C697 2C697020 2C697030 2C697040 2M697 2M697030	8	STD 0.75 1.00 1.50 STD 0.50 0.75 1.00 STD 0.75
1990-02	5735	350	5.7 L	8 CYL	LT1 Vin: P,R,5,7,8	Light Wt. Piston Shallow Oil Ring Grv.	101.60 4.000	2.00 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	4626 4626005 4626010 4626020 4626030 4626040 4626060 2M4626 2M4626005 2M4626010 2M4626020 2M4626025 2M4626030 2M4626035 2M4626040 2M4626060	8	STD 0.13 0.25 0.50 0.75 1.00 1.50 STD 0.13 0.25 0.50 0.63 0.75 0.88 1.00 1.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE										
GENERAL MOTORS-CARS																						
1967-85	5735	350	5.7 L	8 CYL		Chevorlet, Pontiac	4.000	5/64 5/64 3/16	032 BF PC GI	139	8	STD										
									126 RVT PC GI	139010		0.25										
									860 FV CR	139020		0.50										
									732 FV CR	139030		0.75										
										139040		1.00										
										139060		1.50										
										139070		1.75										
										139080		2.00										
										139100		2.50										
									362 BF 3CR GI	2C139	8	STD										
									126 RVT PC GI	2C139010		0.25										
									860 FV CR	2C139020		0.50										
									732 FV CR	2C139030		0.75										
										2C139040		1.00										
										2C139060		1.50										
										2C139070		1.75										
										2C139080		2.00										
										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										
									1968-77	5735	350	5.7 L	8 CYL		Pontiac	3	7/8	5/64	032 BF PC GI	660	8	STD
																		5/64	126 RVT PC GI	660010		0.25
																		3/16	860 FV CR	660020		0.50
																			732 FV CR	660030		0.75
		660040		1.00																		
		660060		1.50																		
		660080		2.00																		
327 BF PM GI	2M660	8	STD																			
126 RVT PC GI	2M660010		0.25																			
860 FV CR	2M660020		0.50																			
732 FV CR																						
1968-77	5735	350	5.7 L	8 CYL		Pontiac	3	7/8										5/64	032 BF PC GI	660	8	STD
									5/64	126 RVT PC GI	660010		0.25									
									3/16	860 FV CR	660020		0.50									
										732 FV CR	660030		0.75									
											660040		1.00									
											660060		1.50									
											660080		2.00									
									327 BF PM GI	2M660	8	STD										
									126 RVT PC GI	2M660010		0.25										
									860 FV CR	2M660020		0.50										
									732 FV CR													
									1968-80	5735	350	5.7 L	8 CYL		Buick, Cadillac, Oldsmobile, Pontiac	3.800	5/64 5/64 3/16	032 BF PC GI	696	8	STD	
126 RVT PC GI	696010		0.25																			
860 FV CR	696020		0.50																			
732 FV CR	696030		0.75																			
	696040		1.00																			
	696060		1.50																			
362 BF 3CR GI	2C696	8	STD																			
126 RVT PC GI	2C696010		0.25																			
860 FV CR	2C696020		0.50																			
732 FV CR	2C696030		0.75																			
	2C696040		1.00																			
	2C696060		1.50																			
327 BF PM GI	2M696	8	STD																			
126 RVT PC GI	2M696020		0.50																			
860 FV CR	2M696030		0.75																			
732 FV CR	2M696040		1.00																			
	2M696060		1.50																			

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
1996-02	5735	350	5.7 L	8 CYL	VIN:R	(Vortec) Shallow Oil Ring Grv.	101.60 4.000	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4860 4860020 4860030 4860040 4860060	8	STD 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2M4860 2M4860005 2M4860010 2M4860020 2M4860030 2M4860040 2M4860045 2M4860060 2M4860065 2M4860070 2M4860080	8	STD 0.13 0.25 0.50 0.75 1.00 1.13 1.50 1.65 1.75 2.00
1986-89	5735	350	5.7 L	8 CYL	Vin: K	Chevrolet Shallow Oil Ring Grv.	4.000	5/64 5/64 3/16	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
2005-15	5965	364	6.0 L	8 CYL	LS2, L96	Pontiac GTO, Corvette	101.60 4.000	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
1957-61	5965	364	6.0 L	8 CYL		All Buick	4 1/8	5/64 5/64 3/16	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
1999-05	5965	364	6.0 L	8 CYL	Vin: H,N,U	V8 Shallow Oil Ring Grv.	101.60 4.000	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4860 4860020 4860030 4860040 4860060	8	STD 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2M4860 2M4860005 2M4860010 2M4860020 2M4860030 2M4860040 2M4860045 2M4860060 2M4860065 2M4860070 2M4860080	8	STD 0.13 0.25 0.50 0.75 1.00 1.13 1.50 1.65 1.75 2.00
1956-58	5980	365	6.0 L	8 CYL		Cadillac	4.000	5/64 5/64 3/16	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
1980-84	6030	368	6.0 L	8 CYL		Cadillac Shallow Oil Ring Grv.	3.800	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	5614 5614020 5614030 5614040 5614060	8	STD 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 872 FV CR 732 FV CR	2M5614 2M5614020 2M5614030 2M5614040 2M5614060	8	STD 0.50 0.75 1.00 1.50
1958-66	6063	370	6.0 L	8 CYL		Pontiac	4 1/16	5/64 5/64 3/16	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
1957-60	6080	371	6.1 L	8 CYL		Oldsmobile	4.000	5/64 3/32 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	650	8	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
2009-15	6162	376	6.2 L	8 CYL	LS9, ZK1 Vin: T Supercharged	Gen IV Cadillac CTS-V, Corvette	103.25 4.065	1.50 1.20 2.00	397 BF PM S 406 N PC DI 991 FV CR 005 FV CR	2M5275	8	STD
2016-19	6162		6.2 L	8 CYL	LT4, LT5 Vin:6	Camaro, Corvette, CTS	103.25 4.065	1.20 1.20 2.50	397 BF PM S 406 N PC DI 985 FV CR 732 FV CR	2N5295 2N529525 2N529550 2N529575	8	STD 0.25 0.50 0.75
2014-17	6162		6.2 L	8 CYL	LT1, LT4 Vin:6,7	Camaro, Corvette	103.25 4.065	1.20 1.50 2.50	397 BF PM S 406 N PC DI 985 FV CR 732 FV CR	2M5381 2M5381020 2M5381030	8	STD 0.50 0.75
2008-15	6195	378	6.2 L	8 CYL	LS3, LSA, L94, L9H, L99 Vin:F,J,P,R,T,W,2 OHV	Corvette,Camaro, Cadillac CTS	103.25 4.065	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
1958-66	6375	389	6.4 L	8 CYL		Pontiac	4	1/16 5/64 5/64 3/16	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	639 639030 639040 639060 2C639 2C639040 2C639060 2M639 2M639030 2M639040	8	STD 0.75 1.00 1.50 STD 1.00 1.50 STD 0.75 1.00
1959-63	6391	390	6.4 L	8 CYL		Cadillac	4.000	5/64 5/64 3/16	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	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
1959-64	6457	394	6.5 L	8 CYL		Oldsmobile	4	1/8 5/64 3/32 3/16	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
1970-73	6489	396	6.5 L	8 CYL		Chevrolet	4	1/8	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	661 661010 661020 661030 661040 661060	8 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 1.00
										327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M661 2M661010 2M661020 2M661030 2M661040 2M661060	8 0.25 0.50 0.75 1.00 1.50
1965-69	6490	396	6.5 L	8 CYL		Chevrolet	4	3/32	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	641 641030 641040 641060	8 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 0.75 1.00 1.50
1967-69	6555	400	6.6 L	8 CYL		GS400, Buick	4.040		5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	694 694020 694030 694040 694060 694070	8 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 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 0.50 0.75 1.00 1.50
1968-69	6555	400	6.6 L	8 CYL		Oldsmobile	3.870		5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	698 698040 698060	8 1.00 1.50
										362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C698 2C698040 2C698060	8 1.00 1.50
										397 BF PM S 126 RVT PC GI 860 FV CR 732 FV CR	2M698 2M698040 2M698060	8 1.00 1.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE	
GENERAL MOTORS-CARS													
1965-67	6555	400	6.6 L	8 CYL		Oldsmobile	4.000	5/64 5/64 3/16	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	
1959-66	6555	400	6.6 L	8 CYL		Buick	4	3/16	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	437 437030 437040	8	STD 0.75 1.00
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M437 2M437030 2M437040	8	STD 0.75 1.00	
1967-79	6555	400	6.6 L	8 CYL		Pontiac, Oldsmobile	4.120	5/64 5/64 3/16	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	
1970-77	6555	400	6.6 L	8 CYL		Chevrolet	4	1/8	5/64	032 BF PC GI	661	8	STD
1970-73	6588	402	6.6 L	8 CYL		Chevrolet		5/64 3/16	126 RVT PC GI 860 FV CR 732 FV CR	661010 661020 661030 661040 661060		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	

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE	
GENERAL MOTORS-CARS													
1959-66	6571	401	6.6 L	8 CYL		Buick Nailhead	4	3/16	5/64 5/64 3/16	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	437 437030 437040 2M437 2M437030 2M437040	8 8 0.75 1.00	STD STD
1977-79	6604	403	6.6 L	8 CYL		Buick, Olds., Pontiac	4.351	5/64 5/64 3/16	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 <		

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
1965-76	6965	425	7.0 L	8 CYL		Oldsmobile	4	1/8	5/64 5/64 3/16	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	
2006-13	6997	427	7.0 L	8 CYL	LS7 Vin:E OHV	Vortec Corvette ZO6	104.80 4.126	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	
1966-69	6997	427	7.0 L	8 CYL		Chevrolet Chevrolet	4	1/4	5/64 5/64 3/16	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	
1967-77	7014	428	7.0 L	8 CYL		Pontiac	4.120	5/64 5/64 3/16	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	
1966-67	7030	429	7.0 L	8 CYL		All Models Cadillac	4.130	1/16 1/16 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	657 657030	8 STD 0.75	

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
1967-69	7046	430	7.0 L	8 CYL		Buick	4	3/16	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	437 437030 437040	8 STD 0.75 1.00
										327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M437 2M437030 2M437040	8 STD 0.75 1.00
1970-76	7440	454	7.4 L	8 CYL		Chevrolet	4	1/4	5/64 5/64 3/16	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
1970-76	7456	455	7.5 L	8 CYL		Pontiac	4.151		5/64 1/16 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	643 643030 643040	8 STD 0.75 1.00
										345 T PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M643 2M643030 2M643040 2M643060	8 STD 0.75 1.00 1.50
1970-76	7456	455	7.5 L	8 CYL		Buick	4	5/16	5/64 5/64 3/16	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
1968-76	7456	455	7.5 L	8 CYL		Oldsmobile	4	1/8	5/64 5/64 3/16	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-CARS												
1968-74	7735	472	7.7 L	8 CYL		Cadillac	4.300	5/64 5/64 3/16	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	695 695020 695030 695040 2M695 2M695020 2M695030	8	STD 0.50 0.75 1.00 STD 0.50 0.75
1970-76	8194	500	8.2 L	8 CYL		Cadillac	4.300	5/64 5/64 3/16	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	695 695020 695030 695040 2M695 2M695020 2M695030	8	STD 0.50 0.75 1.00 STD 0.50 0.75
GENERAL MOTORS-TRUCKS												
1973-77	1584	97	1.6 L	4 CYL	G161 Isuzu Eng.	Chevrolet Luv	82.00 3.228	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	STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
1973-82	1584	97	1.6 L	4 CYL	PL820	Chev Luv Fit Brazilian Mahle Piston	82.00 3.228	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
1989-00	1587	97	1.6 L	4 CYL	G16, G16K, G16KV Vin: U Suzuki Eng.	GEO Tracker	75.00 2.953	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
1972-84	1819	111	1.8 L	4 CYL	G180Z Vin: W Isuzu Eng.	Chevrolet Luv	84.00 3.307	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
1982-84	1819	111	1.8 L	4 CYL	Isuzu Eng.	Chevrolet	84.07 3.310	1.50 1.50 4.00	032 BF PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR 376 BF CR DI 401 SCRPP PC GI 056 FV CR 732 FV CR	6152 6152020 6152030 6152040 2C6152 2C6152020 2C6152030 2C6152040 2C6152060	4	STD 0.50 0.75 1.00 STD 0.50 0.75 1.00 1.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-TRUCKS												
1983-85	1950	119	1.9 L	4 CYL		GMC	87.00 3.425	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
1982	1950	119	1.9 L	4 CYL		GMC	87.00 3.425	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
1983-84	1983	121	2.0 L	4 CYL		S Series	89.00 3.504	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
1983-86	2000	122	2.0 L	4 CYL	Vin: P	Chevrolet Deep Oil Ring Grv.	89.00 3.504	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
1982-86	2000	122	2.0 L	4 CYL		GMC Deep Oil Ring Grv.	89.00 3.504	1.50 2.00 4.75	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	4408 4408020 4408030 4408040	4	STD 0.50 0.75 1.00
									397 BF PM S 126 RVT PC GI 860 FV CR 732 FV CR	2M4408 2M4408020 2M4408030 2M4408040	4	STD 0.50 0.75 1.00
1999-04	2000	122	2.0 L	4 CYL	Vin: C Suzuki Eng.	Tracker	84.00 3.307	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 SCRPP PC GI 987 FV GN SS 714 GN SS	2N4959	4	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-TRUCKS												
1982-83	2000	122	2.0 L	4 CYL		GMC Shallow Oil Ring Grv.	89.00 3.504	1.50 2.00 4.75	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	5650 5650020 5650030 5650040 5650060	4	STD 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2M5650 2M5650020 2M5650030 2M5650040 2M5650060	4	STD 0.50 0.75 1.00 1.50
1984-86	2000	122	2.0 L	4 CYL		GMC Shallow Oil Ring Grv.	89.00 3.504	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
1987-89	2000	122	2.0 L	4 CYL		GMC Shallow Oil Ring Grv.	89.00 3.504	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
1994-03	2196	134	2.2 L	4 CYL	Vin: 1,4,5,L	GMC Shallow Oil Ring Grv.	89.00 3.504	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
1961-63	2384	145	2.4 L	6 CYL		Chevrolet	3	7/16 5/64 3/16	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
2012-15	2384	145	2.4 L	4 CYL	LEA ECOTEC	Equinox, Denali, Terrain W/ 2mm Oil Grv.	88.00 3.464	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
2004-08	2393	146	2.4 L	4 CYL	16V L4 SOHC	S10 Blazer, Export	87.50 3.445	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
2012-16	2457	150	2.5 L	4 CYL	LKW ECOTEC	GM Canyon W/ 2mm Oil Grv.	88.00 3.464	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
1982-86	2474	151	2.5 L	4 CYL		GMC Deep Oil Grv.	4.000	1/16 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	4366 4366020 4366030 4366040 4366060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4366 2C4366020 2C4366030 2C4366040 2C4366060	4	STD 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M4366 2M4366020 2M4366030 2M4366040 2M4366060	4	STD 0.50 0.75 1.00 1.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-TRUCKS												
1985-93	2474	151	2.5 L	4 CYL		GMC Shallow Oil Ring Grv.	4.000	1/16 5/64 3/16	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
1963-70	2507	153	2.5 L	4 CYL		GMC	3	7/8 5/64 3/16	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
2004-06	2770	169	2.8 L	4 CYL	Vin: 8		93.00 3.661	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
1981-84	2835	173	2.8 L	6 CYL		GMC S15 Deep Oil Ring Grv.	89.00 3.504	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
1985-93	2835	173	2.8 L	6 CYL		GMC W/ Cast Iron Heads Shallow Oil Ring Grv.	89.00 3.504	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
2007-12	2900	177	2.9 L	4 CYL	Vin: 9 DOHC		95.50 3.760	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-TRUCKS												
2010-12	2982	182	3.0 L	6 CYL	LFW Vin: 5	Flex Fuel	89.00 3.504	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
1987-95	3097	189	3.1 L	6 CYL	Vin: D	GMC W Shallow Oil Ring Grv.	89.00 3.504	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
1963-67	3179	194	3.2 L	6 CYL		GMC	3	9/16 5/64 5/64 3/16	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
1978-79	3277	200	3.3 L	6 CYL		GMC	3	1/2 5/64 5/64 3/16	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	582 582005 582030 582040 582060 2C582 2C582005 2M582 2M582005 2M582030 2M582040	6	STD 0.13 0.75 1.00 1.50 STD 0.13 STD 0.13 0.75 1.00
1989-93	3300	204	3.3 L	6 CYL		GMC Shallow Oil Ring Grv.	94.00 3.701	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	4478 4478020 4478030 4478040 2M4478 2M4478020 2M4478030 2M4478040 2M4478060	6	STD 0.50 0.75 1.00 STD 0.50 0.75 1.00
1996-03	3392	207	3.4 L	6 CYL	Vin: E,F	GMC	92.00 3.622	1.20 1.50 4.00	398 BF CR S 126 RVT PC GI 872 FV CR 005 FV CR 397 BF PM S 126 RVT PC GI 872 FV CR 005 FV CR	2C4893 2C4893020 2C4893030 2C4893040 2C4893060 2M4893 2M4893020 2M4893030 2M4893040	6	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00
2002-09	3392	207	3.4 L	6 CYL	Vin: E,F	GMC w/3.00mm oil grv.	92.00 3.622	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-TRUCKS												
2004-06	3460	211	3.5 L	5 CYL	L5 Vin: 6		93.00 3.661	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
1937-53	3540	216	3.5 L	6 CYL		GMC - CI Piston 3 Ring Piston	3 1/2	1/8 1/8 3/16	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
1937-53	3540	216	3.5 L	6 CYL		Chevrolet 4 Ring Piston	3 1/2	1/8 1/8 3/16 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	6337	6	STD
2004-13	3605	220	3.6 L	6 CYL	Vin: 7, D	GMC	94.00 3.701	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
2007-12	3654	223	3.7 L	5 CYL	L5 Vin: E DOHC	Hummer H3, H3T	95.50 3.760	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
1935-50	3736	228	3.7 L	6 CYL		GMC To S/N 228-308565	3 9/16	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C468	6	STD
1950-53	3736	228	3.7 L	6 CYL		GMC To S/N 228-308565	3 9/16	3/32 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5047 2C5047030	6	STD 0.75
1935-50	3736	228	3.7 L	6 CYL		GMC	3 9/16	3/32 3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5257	6	STD
1980-85	3753	229	3.8 L	6 CYL		GMC	3.736	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5617 5617010 5617020 5617030 5617040 5617060	6	STD 0.25 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5617 2C5617010 2C5617020 2C5617030 2C5617040 2C5617060	6	STD 0.25 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 860 FV CR 732 FV CR	2M5617 2M5617010 2M5617020 2M5617030 2M5617040 2M5617060	6	STD 0.25 0.50 0.75 1.00 1.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-TRUCKS												
1963-69	3770	230	3.8 L	6 CYL		GMC	3 7/8	5/64 5/64 3/16	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
1985-86	3785	231	3.8 L	6 CYL		Chevrolet, GMC Deep Oil Ring Grv.	3.800	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5474 5474020 5474030 5474040 5474060	6	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5474 2C5474010 2C5474020 2C5474030 2C5474040 2C5474060	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	2M5474 2M5474020 2M5474030 2M5474040 2M5474060	6	STD 0.50 0.75 1.00 1.50
1987-95	3800	231	3.8 L	6 CYL		Chevrolet, GMC Shallow Oil Ring Grv.	96.50 3.799	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4458 4458020 4458030 4458040 4458060	6	STD 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 872 FV CR 732 FV CR	2M4458 2M4458020 2M4458030 2M4458040 2M4458060	6	STD 0.50 0.75 1.00 1.50
1950-55	3851	235	3.9 L	6 CYL		GMC-Canada	3	9/16 3/32 1/8 3/16	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
1956-62	3851	235	3.9 L	6 CYL		GMC-Canada	3	9/16 3/32 3/32 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	136 136020 136030 136040 136080	6	STD 0.50 0.75 1.00 2.00
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C136 2C136030 2C136040	6	STD 0.75 1.00
1953-61	3851	235	3.9 L	6 CYL		GMC 4 Ring Piston	3	9/16 3/32 3/32 3/16 3/16	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-TRUCKS												
	3867	236	3.9 L	6 CYL		GMC	3 5/8	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4008	6	STD
2004-11	3900	238	3.9 L	6 CYL	LZG (gas), LZE (flex-fuel) Vin: N,R,W,1,3		99.00 3.897	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
	4067	248	4.1 L	6 CYL		GMC	3 23/32	3/32 1/8 1/8 3/16	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4400 2C4400030	6	STD 0.75
1953-55	4067	248	4.1 L	6 CYL		GMC	3 23/32	3/32 3/32 3/32 3/16	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5255 2C5255030	6	STD 0.75
1963-84	4097	250	4.1 L	6 CYL		GMC	3 7/8	5/64 5/64 3/16	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
2000	4195	256	4.2 L	6 CYL	L6 Vin: S	GMC w/1.2 2nd grv	93.00 3.661	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
2002-09	4195	256	4.2 L	6 CYL	Vin: S,X L6 DOHC	GMC w/1.5 2nd grv	93.00 3.661	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
1954-62	4277	261	4.3 L	6 CYL		GMC - Canada	3 3/4	3/32 3/32 3/16	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	6	STD 0.75
										2C137	6	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-TRUCKS												
1990-95	4293	262	4.3 L	6 CYL			101.60 4.000	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
1988-95	4293	262	4.3 L	6 CYL	Vin: Z	Shallow Oil Ring Grv.	101.60 4.000	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
1996-13	4293	262	4.3 L	6 CYL	Vin: W,X		101.60 4.000	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
1975-76	4293	262	4.3 L	8 CYL		Chevrolet	3.671	5/64 5/64 3/16	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
1985-94	4293	262	4.3 L	6 CYL	Vin: Z	Chevrolet Deep Oil Grv.	101.60 4.000	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
2014-17	4301	262	4.3 L	6 CYL	LV3 VIN: H / 12 Valves EcoTec3	Chervrolet Silverado 1500, GMC Sierra 1500	99.60 3.921	1.20 1.50 2.50	397 BF PM S 126 RVT PC GI 995 FV CR 732 FV CR	2M5285	6	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE	
GENERAL MOTORS-TRUCKS													
1955-57	4343	265	4.3 L	8 CYL		Chevrolet	3	3/4	5/64 5/64 3/16	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	
1994-96	4343	265	4.3 L	8 CYL	Vin: W	Chevrolet, GMC Shallow Oil Ring Grv.	94.89 3.736	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4742 4742010 4742020 4742030 4742040 4742060	8 STD 0.25 0.50 0.75 1.00 1.50		
										327 BF PM GI 126 RVT PC GI 872 FV CR 732 FV CR	2M4742 2M4742010 2M4742020 2M4742030 2M4742040 2M4742060	8 STD 0.25 0.50 0.75 1.00 1.50	
1979-82	4375	267	4.4 L	8 CYL		GMC	3	1/2	5/64 5/64 3/16	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	
1957-67	4640	283	4.6 L	8 CYL		GMC	3	7/8	5/64 5/64 3/16	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	

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE	
GENERAL MOTORS-TRUCKS													
1955	4703	288	4.7 L	8 CYL		GMC-Canada	3	3/4	5/64 5/64 3/16	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	
1963-89	4785	292	4.8 L	6 CYL		Chevy, GMC	3	7/8	3/32 3/32 3/16	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 CYL		Chev., GMC Fits Brazilian Mahle Piston	3	7/8	3/32 3/32 3/16	363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4840	6 STD	
1999-15	4818	294	4.8 L	8 CYL	Vin: A,C,V,O,7,4	FLEX Shallow Top Grv.	96.00 3.779	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		
	4868	286	4.7 L	6 CYL		GMC	3	5/8	1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4008	6 STD	
1952-59	4949	302	4.9 L	6 CYL		GMC	4.000	3/32 3/32 3/32 3/16	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5209 2C5209060	6 STD 1.50		

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-TRUCKS												
1977-94	4998	305	5.0 L	8 CYL		GMC Deep Oil Ring Grv.	3.736	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5499 5499010 5499020 5499030 5499040 5499060	8	STD 0.25 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5499 2C5499010 2C5499020 2C5499030 2C5499040 2C5499060	8	STD 0.25 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 860 FV CR 732 FV CR	2M5499 2M5499010 2M5499020 2M5499030 2M5499040 2M5499060	8	STD 0.25 0.50 0.75 1.00 1.50
1960-75	4998	305	5.0 L	6 CYL	Vin: A, B, C, D	GMC 4 Ring Piston	4 1/4	3/32 3/32 3/32 3/16	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6308	6	STD
									363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6308	6	STD
1960-72	4998	305	5.0 L	6 CYL		GMC 3 Ring Piston	4 1/4	3/32 3/32 3/16	363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6395	6	STD
1993-02	4998	305	5.0 L	8 CYL	Vin: M	GMC Shallow Oil Ring Grv.	94.89 3.736	2.00 2.00 4.75	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4742 4742010 4742020 4742030 4742040 4742060	8	STD 0.25 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 872 FV CR 732 FV CR	2M4742 2M4742010 2M4742020 2M4742030 2M4742040 2M4742060	8	STD 0.25 0.50 0.75 1.00 1.50
1968-73	5030	307	5.0 L	8 CYL		GMC	3 7/8	5/64 5/64 3/16	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
1955-56	5180	316	5.2 L	8 CYL		GMC	3 15/16	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	636 636030	8	STD 0.75

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-TRUCKS												
1956-60	5276	322	5.3 L	8 CYL		Chevrolet Deep Oil Ring Grv.	4.000	5/64 5/64 3/16	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
2014-17	5293	323	5.3 L	8 CYL	L83 Vin: C OHV FLEX/GAS	ECOTEC 3 Tahoe, Suburban	96.00 3.780	1.20 1.50 2.50	397 BF PM S 126 RVT PC GI 934 FV CR 005 FV CR	2M5380 2M5380020 2M5380030	8	STD 0.50 0.75
1999-13	5293	323	5.3 L	8 CYL	LC9, LS4 Vin: 0,3,4 B,C,J, L,M,P,T,Z	Shallow Top Grv.	96.00 3.779	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
1955-56	5309	324	5.3 L	8 CYL		GMC	3 7/8	5/64 5/64 3/16	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE	
GENERAL MOTORS-TRUCKS													
	5358	327	5.4 L	8 CYL		GMC-Canada	4.000	5/64	032 BF PC GI	139	8	STD	
	5440	332	5.4 L	8 CYL		Deep Oil Ring Grv.		5/64	126 RVT PC GI	139010		0.25	
								3/16	860 FV CR	139020		0.50	
									732 FV CR	139030		0.75	
										139040		1.00	
										139060		1.50	
										139070		1.75	
										139080		2.00	
										139100		2.50	
									362 BF 3CR GI	2C139	8	STD	
									126 RVT PC GI	2C139010		0.25	
									860 FV CR	2C139020		0.50	
									732 FV CR	2C139030		0.75	
										2C139040		1.00	
										2C139060		1.50	
										2C139070		1.75	
										2C139080		2.00	
									397 BF PM S	2M139	8	STD	
									126 RVT PC GI	2M139005		0.13	
									860 FV CR	2M139010		0.25	
									732 FV CR	2M139020		0.50	
										2M139030		0.75	
										2M139040		1.00	
										2M139060		1.50	
										2M139070		1.75	
										2M139080		2.00	
										2M139100		2.50	
1958-59	5506	336	5.5 L	8 CYL		GMC To S/N 33635001	3	7/8	5/64	032 BF PC GI	660	8	STD
								5/64	126 RVT PC GI	660010		0.25	
								3/16	860 FV CR	660020		0.50	
									732 FV CR	660030		0.75	
										660040		1.00	
										660060		1.50	
										660080		2.00	
									327 BF PM GI	2M660	8	STD	
									126 RVT PC GI	2M660010		0.25	
									860 FV CR	2M660020		0.50	
									732 FV CR				
1957	5686	347	5.7 L	8 CYL		GMC	3	15/16	5/64	032 BF PC GI	636	8	STD
								5/64	126 RVT PC GI	636030		0.75	
								3/16	860 FV CR				
									732 FV CR				
1958-65	5703	348	5.7 L	8 CYL		GMC-Canada	4	1/8	5/64	032 BF PC GI	661	8	STD
								5/64	126 RVT PC GI	661010		0.25	
								3/16	860 FV CR	661020		0.50	
									732 FV CR	661030		0.75	
										661040		1.00	
										661060		1.50	
									362 BF 3CR GI	2C661	8	STD	
									126 RVT PC GI	2C661040		1.00	
									860 FV CR				
									732 FV CR				
									327 BF PM GI	2M661	8	STD	
									126 RVT PC GI	2M661010		0.25	
									860 FV CR	2M661020		0.50	
									732 FV CR	2M661030		0.75	
										2M661040		1.00	
										2M661060		1.50	

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-TRUCKS												
1990-02	5735	350	5.7 L	8 CYL	Vin: R	Light Wt. Piston Shallow Oil Ring Grv.	101.60 4.000	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
1987-96	5735	350	5.7 L	8 CYL	Vin: K	GMC Shallow Oil Ring Grv.	4.000	5/64 5/64 3/16	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
1968-89	5735	350	5.7 L	8 CYL		GMC Deep Oil Ring Grv.	4.000	5/64 5/64 3/16	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-TRUCKS												
1996-00	5735	350	5.7 L	8 CYL		(Vortec) Shallow Oil Ring Grv.	101.60 4.000	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4860 4860020 4860030 4860040 4860060	8	STD 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2M4860 2M4860005 2M4860010 2M4860020 2M4860030 2M4860040 2M4860045 2M4860060 2M4860065 2M4860070 2M4860080	8	STD 0.13 0.25 0.50 0.75 1.00 1.13 1.50 1.65 1.75 2.00
1969-76	5900	360	5.9 L	6 CYL		GMC	4	1/8 3/32 3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7124	6	STD
2005-15	5965	364	6.0 L	8 CYL	LS2, L96 LC8, LZ1 Vin: B, G, H, K, U, Y, 2, 5, 8	GMC fuel type CNG,FLEX, GAS, Electric/Gas	101.60 4.000	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
1999-06	5965	364	6.0 L	8 CYL	Vin: H,N,U	Shallow Oil Ring Grv.	101.60 4.000	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4860 4860020 4860030 4860040 4860060	8	STD 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 872 FV CR 732 FV CR	2M4860 2M4860005 2M4860010 2M4860020 2M4860030 2M4860040 2M4860045 2M4860060 2M4860065 2M4860070 2M4860080	8	STD 0.13 0.25 0.50 0.75 1.00 1.13 1.50 1.65 1.75 2.00
1966-90	6000	366	6.0 L	8 CYL		Chevrolet, GMC	3 15/16	3/32 5/64 5/64 3/16	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-TRUCKS												
1991-97	6000	366	6.0 L	8 CYL		GMC 4 Ring Piston Shallow Oil Grv.	3 15/16	3/32 5/64 5/64 3/16	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
1991-97	6000	366	6.0 L	8 CYL	V8	GMC 4 Ring Piston Shallow Oil Grv.	3 15/16	3/32 5/64 3/16	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
1957-59	6063	370	6.1 L	8 CYL		GMC	4.000	5/64 3/32 3/16	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
2009-11	6162	376	6.2 L	8 CYL	LS9, ZK1 Vin: T Supercharged	Denali, Escalade, Yukon	103.25 4.065	1.50 1.20 2.00	397 BF PM S 406 N PC DI 991 FV CR 005 FV CR	2M5275	8	STD 0.50 0.75 1.00
2014-18	6162		6.2 L	8 CYL	L86 VinJ	Escalade, Sierra, Silverado, Yukon	103.25 4.065	1.20 1.50 2.50	397 BF PM S 406 N PC DI 985 FV CR 732 FV CR	2M5381 2M5381020 2M5381030	8	STD 0.50 0.75
2007-17	6195	378	6.2 L	8 CYL	LS3, L9H(Flex Fuel), L92, L99 Vin: 2, 8, R, W OHV	Escalade, Sierra, Yukon	103.25 4.065	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
1982-95	6210	379	6.2 L	8 CYL		GMC Diesel Eng Incl Turbo 2nd ring gap .029 - .039	101.05 3.978	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
GENERAL MOTORS-TRUCKS												
1982-95	6210	379	6.2 L	8 CYL		GMC Diesel Eng Incl Turbo	101.05 3.978	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
1992-06	6473	395	6.5 L	8 CYL	L57, L65 Vin: F,S,Y	GMC Diesel Eng Incl Turbo 2nd ring gap .029 - .039	103.00 4.055	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
1966-69	6490	396	6.5 L	8 CYL		GMC	4 3/32	5/64 5/64 3/16	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
1974-80 1970-72	6555 6588	400 402	6.6 L 6.6 L	8 CYL 8 CYL		GMC GMC	4 1/8	5/64 5/64 3/16	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 2M661 2M661010 2M661020 2M661030 2M661040 2M661060	661 661010 661020 661030 661040 661060 2C661 2C661040 2M661 2M661010 2M661020 2M661030 2M661040 2M661060	8	STD 0.25 0.50 0.75 1.00 STD 1.00 STD 0.25 0.50 0.75 1.00 1.50
2001-15	6603	403	6.6 L	8 CYL	VIN:1,2,3,8,D,L OHV	V8 32V Duramax Diesel Eng	103.00 4.055	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
1962-65	6702	409	6.7 L	8 CYL		GMC	4 5/16	5/64 5/64 3/16	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	STD 0.75 1.00 1.50 STD 0.75 1.00 1.50
1995-98	6997	427	7.0 L	8 CYL		GMC Shallow Oil Ring Grv.	4 1/4	5/64 5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 872 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 126 RVT PC GI 872 FV CR 732 FV CR 397 BF PM S 126 RVT PC GI 126 RVT PC GI 872 FV CR 732 FV CR	4929 4929010 4929020 4929030 4929040 4929060 2C4929 2C4929010 2C4929020 2C4929030 2C4929040 2C4929060 2M4929 2M4929010 2M4929020 2M4929030 2M4929040 2M4929060	8	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE	
GENERAL MOTORS-TRUCKS													
1968-94	6997	427	7.0 L	8 CYL		GMC	4	1/4	3/32 5/64 5/64 3/16	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 345 T PM GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6606 6606060 2C6606 2C6606020 2C6606030 2C6606040 2C6606060 2M6606 2M6606020 2M6606030 2M6606040 2M6606060	8 8 8 8	STD 1.50 STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
1971-90	7440	454	7.4 L	8 CYL		GMC Deep Oil Ring Grv.	4	1/4	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR <			

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE	
GENERAL MOTORS-TRUCKS													
	7456	455	7.5 L	8 CYL		GMC	4	1/8	5/64 5/64 3/16	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	
2001-07	8128	496	8.1 L	8 CYL	Vin: G,K,L,M	GMC V-8	107.95 4.250	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	
1988-95	8226	502	8.2 L	8 CYL		H.O.	113.47 4.467	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 CYL		GMC	4	1/2	1/8 1/8 1/8 3/16	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4056	6 STD	
HANOMAG													
	3780		3.8 L	4 CYL	OM 314.915	F-SERIE Diesel Eng.	97.00 3.819	3.000 3.000 3.000 5.500	227 FKST CR DI 035 TF PC GI 035 TF PC GI 553 2PCO CR GI	2D4512 2D451250 2D4512100	2 STD	0.50 1.00	
	5675		5.7 L	6 CYL	OM 352.917, OM 353.916, OM 353.917	F-SERIE Diesel Eng.	97.00 3.819	3.000 3.000 3.000 5.500	227 FKST CR DI 035 TF PC GI 035 TF PC GI 553 2PCO CR GI	2D4512 2D451250 2D4512100	2 STD	0.50 1.00	
HARLEY-DAVIDSON													
1963-73				1 CYL		D, DC, DF, D4	2	3/4	1/16 1/16 1/16	022 ST PC GI 022 ST PC GI 022 ST PC GI	4359	1 STD	
				2 CYL		Models using Wiseco Piston, 3 3/16" Bore 3 Ring Piston	3	3/16	1/16 1/16 5/32	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 CYL		Models using Axtell Cyl. 3 3/16" Bore 2 Ring Piston	3	3/16	1/16 5/32	102 T PC GI 860 FV CR 732 FV CR	6948	1 STD	
				1 CYL		Models using Axtell Cyl. 3 3/16" Bore 3 Ring Piston	3	3/16	1/16 1/16 5/32	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 CYL		Models using Axtell Cyl. 3 1/4" Bore 2 Ring Piston	3	1/4	1/16 5/32	102 T PC GI 860 FV CR 732 FV CR	6949	1 STD	

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
HARLEY-DAVIDSON												
				1 CYL		Models using Axtell Cyl. 3 1/4" Bore 3 Ring Piston	3	1/4	1/16 1/16 5/32	102 T PC GI 102 T PC GI 056 FV CR 732 FV CR	6954	1 STD
				1 CYL		Models using Axtell Cyl. 3 5/16" Bore 2 Ring Piston	3	5/16	1/16 5/32	102 T PC GI 860 FV CR 732 FV CR	6950	1 STD
				1 CYL		Models using Axtell Cyl. 3 5/16" Bore 3 Ring Piston	3	5/16	1/16 1/16 5/32	102 T PC GI 102 T PC GI 860 FV CR 732 FV CR	6955 6955040	1 STD 1.00
				2 CYL		Models using Wiseco Piston, 3 7/16" Bore 3 Ring Piston	3	7/16	1/16 1/16 5/32	327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M4916 2M4916010 2M4916020	1 STD 0.25 0.50
				2 CYL		Models using Wiseco Piston 3.498 Bore 3 Ring Piston	3.498		1/16 1/16 5/32	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 CYL		Models using Axtell Cyl. 3 1/2" Bore 3 Ring Piston	3	1/2	1/16 1/16 5/32	102 T PC GI 102 T PC GI 056 FV CR 732 FV CR	7002	1 STD
				1 CYL		Models using Axtell Cyl. 3 9/16" Bore 3 Ring Piston	3	9/16	1/16 1/16 5/32	102 T PC GI 102 T PC GI 056 FV CR 732 FV CR	7001	1 STD
				1 CYL		Stroker Kit w/1/16 Comp. Rings	3	5/8	1/16 1/16 3/16	327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M5721 2M5721020	1 STD 0.50
				1 CYL		Stroker Kit w/5/64 Comp. Rings	3	5/8	5/64 5/64 3/16	327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M5722 2M5722030 2M5722040	1 STD 0.75 1.00
				1 CYL		Models using Axtell Cyl. 3 5/8" Bore 3 Ring Piston	3	5/8	1/16 1/16 5/32	327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M6958 2M6958005	1 STD 0.13
				2 CYL	100 Big Twin	Models using Custom Chrome Piston w/5/32 oil grv.	3	13/16	1/16 1/16 5/32	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
				2 CYL	100 Big Twin	Models using Silvolite Piston w/3/16" oil grv.	3	13/16	1/16 1/16 3/16	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 CYL		Models using KB Piston	3	7/8	1/16 1/16 3/16	327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M4985 2M4985010 2M4985030	2 STD 0.25 0.75
1986-On				1 CYL		XL883	76.20 3.000	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
				2 CYL	Twin Cam 88	Model using Custom Chrome Piston	101.60 4.000	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
				2 CYL		V-Twin big bore Model using Mid West Pistons	107.95 4.250	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
1950-65	737	45		2 CYL		Side Valve G, GE, K, KH	2.745	1/16		102 T PC GI	4244	2 STD
1950-65	901	55						1/16 3/16		102 T PC GI 871 FV CR 732 FV CR	4244010 4244020 4244030	0.25 0.50 0.75

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
HARLEY-DAVIDSON												
1937-55	737	45		2 CYL		45 Side Valve D Ser. G, GA, W Ser.	2.745	3/32 3/32 1/8	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
1957-71	900			2 CYL	OHV	XL, XLCH, XLH Sportster	3.000	1/16 1/16 3/16	102 T PC GI 102 T PC GI 860 FV CR 732 FV CR	6457	2	STD
1948-52	1000	61		2 CYL	OHV	Knuckle Head E, EL	3	5/16 3/32 3/32 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6627 6627030	1	STD 0.75
1948-52	1000	61		2 CYL		Knuckle Head	3.313	1/16 1/16 3/16	102 T PC GI 102 T PC GI 860 FV CR 732 FV CR	7024	2	STD
1983-85	1000			2 CYL		XL, XR	3	3/16 1/16 1/16 5/32	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
1972-85	1000			2 CYL	Sportster OHV	XL, XLCH, XLH	3	3/16 1/16 1/16 3/16	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
1955-80	1200			2 CYL	OHV	Electra Glide FL, FLH, FXE All Cast Iron Rings	3	7/16 1/16 1/16 3/16	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
2004-On	1200		1.2 L	2 CYL		Sportster Buell	88.84 3.498	1.20 1.50 2.50	397 BF PM S 126 RVT PC GI 872 FV CR 005 FV CR	2M5069	1	STD
1948-64	1200			2 CYL		74, F, FL, FLE	3	7/16 3/32 3/32 3/16	032 BF PC GI 126 RVT PC GI 501 1PCO PC GI 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	5193 5193020 5193040 5193060 2C5193	2	STD 0.50 1.00 1.50 STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
HARLEY-DAVIDSON												
1983-On	1200			2 CYL		XL & Late Shovel Head Sportster	3.497	1/16	032 BF PC GI	6164	2	STD
								1/16	126 RVT PC GI	6164005		0.13
1983-On	1340	80		2 CYL	Evolution Eng.			5/32	860 FV CR	6164010		0.25
									732 FV CR	6164020		0.50
										6164030		0.75
										6164040		1.00
									327 BF PM GI	2M6164	2	STD
									126 RVT PC GI	2M6164005		0.13
									860 FV CR	2M6164010		0.25
									732 FV CR	2M6164020		0.50
										2M6164030		0.75
										2M6164040		1.00
1955-80	1200	74		2 CYL	OHV	FL, FLH, FXE Electra Glide	3	7/16	032 BF PC GI	6482	2	STD
1948-78	1200	74		2 CYL		FL, FLH, FX, FXE Pan/Shovel Head		1/16	126 RVT PC GI	6482010		0.25
								3/16	860 FV CR	6482020		0.50
									732 FV CR	6482030		0.75
										6482040		1.00
										6482050		1.25
										6482060		1.50
										6482070		1.75
										6482080		2.00
									327 BF PM GI	2M6482	2	STD
									126 RVT PC GI	2M6482005		0.13
									860 FV CR	2M6482010		0.25
									732 FV CR	2M6482020		0.50
										2M6482030		0.75
										2M6482040		1.00
										2M6482050		1.25
										2M6482060		1.50
										2M6482070		1.75
										2M6482080		2.00
										2M6482090		2.25
1978-83	1340	80		2 CYL		FL, FX Shovel Head	3.498	1/16	032 BF PC GI	6127	2	STD
								1/16	126 RVT PC GI	6127010		0.25
								3/16	860 FV CR	6127020		0.50
									732 FV CR	6127030		0.75
										6127040		1.00
										6127050		1.25
										6127060		1.50
										6127070		1.75
									327 BF PM GI	2M6127	2	STD
									126 RVT PC GI	2M6127005		0.13
									860 FV CR	2M6127010		0.25
									732 FV CR	2M6127020		0.50
										2M6127030		0.75
										2M6127040		1.00
1998-On	1450			1 CYL	Twin Cam 88		95.25	1.50	337 BF PM DI	2M4942	2	STD
							3.750	1.50	126 RVT PC GI	2M4942005		0.13
								3.00	872 FV CR	2M4942010		0.25
									732 FV CR	2M4942020		0.50
										2M4942030		0.75
2007-On	1584	96		2 CYL	JED		95.25	1.50	337 BF PM DI	2M4805	2	STD
							3.750	1.50	126 RVT PC GI	2M4805005		0.13
								2.50	872 FV CR	2M4805010		0.25
									732 FV CR			
1998-On	1690			2 CYL	Twin Cam 88	Big Bore Kit	98.43	1.50	337 BF PM DI	2M4941	2	STD
							3.875	1.50	126 RVT PC GI	2M4941005		0.13
								2.50	872 FV CR	2M4941010		0.25
									005 FV CR	2M4941020		0.50
										2M4941030		0.75
										2M4941040		1.00
	1753	107		2 CYL	Twin Cam 88	Model using	104.78	1.50	336 T PM DI	2M5157	2	STD
	1917	117			Twin Cam 96	United Eng. Piston	4.125	1.50	126 RVT PC GI	2M5157005		0.13
								3.00	621 FV CR	2M5157030		0.75
									005 FV CR			
2007-14	1800	110		2 CYL		Twin Cam w/CVO models	101.60	1.20	397 BF PM S	2M5299	2	STD
							4.000	1.20	406 N PC DI	2M5299005		0.13
								2.50	872 FV CR	2M5299010		0.25
									732 FV CR	2M5299020		0.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
HARLEY-DAVIDSON												
2005-On	1852	113	1.9 L	2 CYL		Also KB pistons	103.12	1.50	337 BF PM DI	2M5153	1	STD
							4.060	1.50	126 RVT PC GI	2M5153005		0.13
								2.50	872 FV CR	2M5153010		0.25
									732 FV CR			
HERCULES												
				4 CYL	ZXB		2	5/8	3/32	102 T PC GI	7859	4 STD
									3/32	126 RVT PC GI		
									3/16	871 FV CR		
										732 FV CR		
										362 BF 3CR GI	2C7859	4 STD
										126 RVT PC GI	2C7859020	0.50
										871 FV CR	2C7859030	0.75
										732 FV CR	2C7859040	1.00
				6 CYL	JX, QXB, QXB2, QXB3, QXB5, QXB5C		3	1/4	1/8	032 BF PC GI	4072	6 STD
									1/8	126 RVT PC GI	4072020	0.50
									1/8	126 RVT PC GI	4072060	1.50
									3/16	860 FV CR		
										732 FV CR		
										362 BF 3CR GI	2C4072	6 STD
										126 RVT PC GI		
										126 RVT PC GI		
										860 FV CR		
										732 FV CR		
				4 CYL	IXB, IXBC, IXB3, IXB5		3	1/4	1/8	032 BF PC GI	5060	4 STD
									1/8	126 RVT PC GI	5060020	0.50
									3/16	860 FV CR	5060030	0.75
										732 FV CR	5060060	1.50
										362 BF 3CR GI	2C5060	4 STD
										126 RVT PC GI		
										860 FV CR		
										732 FV CR		
				4 CYL	IXB, IXB3		3	1/4	3/32	032 BF PC GI	6022	4 STD
									1/8	126 RVT PC GI		
									3/16	860 FV CR		
										732 FV CR		
										362 BF 3CR GI	2C6022	4 STD
										126 RVT PC GI		
										860 FV CR		
										732 FV CR		
				2 CYL	NXB		3	1/4	1/8	032 BF PC GI	7843	2 STD
									1/8	126 RVT PC GI		
									3/16	860 FV CR		
										732 FV CR		
										362 BF 3CR GI	2C7843	2 STD
										126 RVT PC GI		
										860 FV CR		
										732 FV CR		
				6 CYL	QXD, QXLD, QXLDM	Marine	3	7/16	3/32	362 BF 3CR GI	2C4878	6 STD
									1/8	126 RVT PC GI		
									3/16	860 FV CR		
										732 FV CR		
				6 CYL	QXD5MM, QXLD, QXLD3, QXLD5, WQXD5MC		3	7/16	3/32	362 BF 3CR GI	2C5127	6 STD
									3/32	126 RVT PC GI		
									3/16	860 FV CR		
										732 FV CR		
				6 CYL	QXD, QXD3, QXD5, QXLD		3	7/16	3/32	362 BF 3CR GI	2C5263	6 STD
									1/8	126 RVT PC GI		
									3/16	860 FV CR		
										732 FV CR		
									3/16	501 1PCO PC GI		
				3 CYL	GO130		3	1/2	3/32	032 BF PC GI	6130	1 STD
				4 CYL	GO173				1/8	126 RVT PC GI		
				6 CYL	GO260				3/16	860 FV CR		
										732 FV CR		
									3/16	501 1PCO PC GI		
										362 BF 3CR GI	2C6130	1 STD
										126 RVT PC GI		
										860 FV CR		
										732 FV CR		
										501 1PCO PC GI		

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
HERCULES												
				6 CYL	JXB, JXBM, P4		3	5/8	1/8 1/8 1/8 3/16 362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4008	6	STD
				4 CYL	CU, CU2		3	3/4	3/16 3/16 3/16 3/16 362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 871 FV CR 732 FV CR	2C712	4	STD
				3 CYL 4 CYL 6 CYL	G149, G150D, GO130H, GO149 DD198, G198, G200D, GO198 GO298, JXLC		3	3/4	3/32 1/8 3/16 3/16 363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C6581	1	STD
				6 CYL	D298ERT	Zollner Piston #1536	3	3/4	1/8 1/8 3/32 3/16 372 FKST CR DI 170 FKST PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6910	6	STD
				4 CYL	JX4C, OOB		3	3/4	1/8 1/8 1/8 3/16 362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7669	4	STD
				4 CYL	JX4D OHC, OOC	4 Ring Piston		4.000	1/8 1/8 1/8 3/16 362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C702	4	STD
				6 CYL	JXD, JXDF, JXDT, JXDTR, WXC, WXG, WXH, WXHC, WXLC			4.000	1/8 1/8 1/8 3/16 363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4007	6	STD
				6 CYL	G339, G3400, JXD, JXLD, JXLDF			4.000	3/32 1/8 3/16 3/16 363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C4231	6	STD
				6 CYL	G2300, G3400, JXDM	Use 2/3 set of 6 Cyl. for 4 Cyl.		4.000	3/32 1/8 3/16 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5213 2C5213040	6	STD 1.00
				3 CYL 4 CYL 6 CYL	D1700 D2300 D3400	Diesel Eng		4.000	1/8 3/32 3/16 372 FKST CR DI 126 RVT PC GI 860 FV CR 732 FV CR	2C5622 2C5622020 2C5622040	1	STD 0.50 1.00
				3 CYL 4 CYL 6 CYL	G1700, GO169, GO3-169 GO226, JX4L-D3, GO4-226, JX4D GO6-339, JXDT			4.000	3/32 1/8 3/16 3/16 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C6288	1	STD
				4 CYL	L, LC, LP, MU3		4	1/2	3/16 3/16 3/16 3/16 362 BF 3CR GI 102 T PC GI 401 SCRPP PC GI 860 FV CR 732 FV CR	2C4157	4	STD
	2311	141	2.3 L	4 CYL	G1400		3	7/8	3/32 3/32 3/16 032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6353 6353010 6353020 6353030 6353040 6353060	4	STD 0.25 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6353 2C6353010 2C6353020 2C6353030 2C6353040 2C6353060	4	STD 0.25 0.50 0.75 1.00 1.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
HERCULES												
	2671	163	2.7 L	4 CYL	G1404, G1600		4.000	5/64 5/64 3/16	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4389	4	STD
HONDA												
1972-78	1237		1.2 L	4 CYL	EB2	Civic	72.00 2.835	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		STD 0.25 0.50 0.75 1.00 1.50
1978-81	1237		1.2 L	4 CYL	EB-3, EE,	Civic	72.00 2.835	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	6131 6131010 6131020 6131030 6131040 6131060	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	2C6131 2C6131010 2C6131020 2C6131030 2C6131040 2C6131060	4	STD 0.25 0.50 0.75 1.00 1.50
	1250		1.3 L	4 CYL		Civic	72.00 2.835	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		STD 0.25 0.50 0.75 1.00 1.50
1982-83	1335		1.3 L	4 CYL	EJZ	Civic	72.00 2.835	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
1980-82	1335		1.3 L	4 CYL	EJ1, EN1	Civic, Civic DX	72.00 2.835	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	6131 6131010 6131020 6131030 6131040 6131060	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	2C6131 2C6131010 2C6131020 2C6131030 2C6131040 2C6131060	4	STD 0.25 0.50 0.75 1.00 1.50
2006-13	1339		1.3 L	4 CYL	LDA-MF3 SOHC	Civic Hybrid, Insight Gas/Electric	73.00 2.874	1.00 1.00 1.50	398 BF CR S 123 RVT PC DI 981 FV CR 005 FV CR	2C5723	4	STD
2002-13	1339		1.3 L	4 CYL	L13A1, L13A3, L13A8 LDA1 / 2 SOHC	Civic Hybrid w/VTECH	73.00 2.874	1.00 1.20 2.00	398 BF CR S 610 RVT PC GI 990 FV CR 732 FV CR	2C5253 2C5253020 2C5253030 2C5253040	4	STD 0.50 0.75 1.00
1985-91	1488		1.5 L	4 CYL	D15A2, EJ2, EW1, HF	Civic, CR-X	74.00 2.913	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
HONDA												
1975-79	1488		1.5 L	4 CYL	EC	Civic	74.00 2.913	1.50 1.50 2.80	032 BF PC GI 126 RVT PC GI 859 FV CR 732 FV CR	4435 4435010 4435020 4435030 4435040	4	STD 0.25 0.50 0.75 1.00
									362 BF 3CR GI 126 RVT PC GI 859 FV CR 732 FV CR	2C4435 2C4435010 2C4435020 2C4435030 2C4435040	4	STD 0.25 0.50 0.75 1.00
1983-87	1488		1.5 L	4 CYL	D15A2, EM1	Excl. HF, EW1	74.00 2.913	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
1976-78	1488		1.5 L	4 CYL	EM	Ballade, Civic CVCC	74.00 2.913	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
1992-96	1493		1.5 L	4 CYL	D15B8, D15Z1	Civic CX, VX, Vei	75.00 2.953	1.20 1.50 3.00	398 BF CR S 435 SCRP PC GI 054 FV CR 732 FV CR	2C4962 2C4962020 2C4962030 2C4962040	4	STD 0.50 0.75 1.00
1988-95	1493		1.5 L	4 CYL	D15B1/B2 D15B7/B8	CRX, Civic Del Sol	75.00 2.953	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
1996-98	1493		1.5 L	4 CYL	D15B6, D15Z1	8 Valve Deep Oil Grv.	75.00 2.953	1.00 1.20 2.80	398 BF CR S 126 RVT PC GI 859 FV CR 732 FV CR	2C4690 2C4690010 2C4690020 2C4690030 2C4690040	4	STD 0.25 0.50 0.75 1.00
2007-13	1497		1.5 L	4 CYL	L15A1 SOHC		73.00 2.874	1.00 1.20 2.00	398 BF CR S 610 RVT PC GI 990 FV CR 732 FV CR	2C5253 2C5253020 2C5253030 2C5253040	4	STD 0.50 0.75 1.00
1993-99	1590		1.6 L	4 CYL	B16A2 DOHC	Civic EDM, Del Sol Si V-TEC	81.00 3.189	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
1999-On	1590		1.6 L	4 CYL	D16Y8 SOHC	Civic, Del Sol Si V-TEC w/ shallow Oil Grv.	75.00 2.953	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
1989-97	1590		1.6 L	4 CYL	D16Z6 D16A6/A7	Civic, Civic Ex, Del Sol Si	75.00 2.953	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
1988-95	1590		1.6 L	4 CYL	D16Y7, D16Y8, D16B5	Deep Oil Grv.	75.00 2.953	1.00 1.20 2.80	398 BF CR S 126 RVT PC GI 859 FV CR 732 FV CR	2C4690 2C4690010 2C4690020 2C4690030 2C4690040	4	STD 0.25 0.50 0.75 1.00

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
HONDA												
1980-85	1599		1.6 L	4 CYL	EF	Accord	74.00 2.913	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
	1600		1.6 L	4 CYL		KA200 Civic	75.00 2.953	1.20 1.50 4.00	398 BF CR S 435 SCRP 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 SCRP PC GI 058 FV CR 732 FV CR	2N4631 2N463150	4	STD 0.50
2001-05	1668		1.7 L	4 CYL	D17A1, D17A2, D17A6 SOHC	Civic DX, EX, HX L4 V-TEC	75.00 2.953	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
1979-83	1751		1.8 L	4 CYL	EK1, EL1	Eord, Prelude	77.00 3.031	1.50 1.50 4.00	032 BF PC GI 401 SCRP 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 SCRP PC GI 058 FV CR 732 FV CR	2C6134 2C6134010 2C6134020 2C6134030 2C6134040	4	STD 0.25 0.50 0.75 1.00
2006-16	1799		1.8 L	4 CYL	R18A1, R18Z9 SOHC	Civic, HR-V	81.00 3.189	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
1983-87	1829		1.8 L	4 CYL	A18A1 ES1, ES2 ES3, ET2	Prelude DX Accord Sei	80.00 3.150	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
1985-89	1955		2.0 L	4 CYL	A20A, BS, BT SOHC	Accords, Preludes	82.70 3.256	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
1988-93	1958		2.0 L	4 CYL	B20A3, B20A5	Prelude	81.00 3.189	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
HONDA												
1997-02	1972		2.0 L	4 CYL	B20B4, B20Z2 DOHC	CRV	84.00 3.307	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
1996-02	1994		2.0 L	4 CYL	20T2N, 20T2R	Accord, Civic Diesel Eng	84.45 3.325	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
2002-11	1998		2.0 L	4 CYL	K20A1, K20A3, K20Z3 DOHC	Civic, RSX I-VTECH	86.00 3.386	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
1990-91	2056		2.1 L	4 CYL	B21A1	Prelude 16 Valve	83.00 3.268	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
1990-97	2156		2.2 L	4 CYL	F22A1, F22A4, F22B2, F22B1	Accord	85.00 3.346	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
1997-02	2156		2.2 L	4 CYL	H22A4	Prelude	87.00 3.425	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
	2204		2.2 L	4 CYL	N22A1, N22A2 DOHC	Turbo Diesel w/2 pc oil ring	85.00 3.346	2.00 2.00 3.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7425	1	STD
2004-On	2204		2.2 L	4 CYL	N22A1, N22A2 DOHC	Accord, Civic, CR-V Turbo Diesel	85.00 3.346	2.50 1.50 2.00	274 FKST BF SS GI 406 N PC DI 203 CF GN SS 881 2PCO	2D7811	4	STD
1998-02	2254		2.3 L	4 CYL	F23A1, F23A4, F23A7	Accord LX, EX, SE, LEV ULEV, Odyssey	86.00 3.386	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
1992-00	2259		2.3 L	4 CYL	H22A4, H23A1		87.00 3.425	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
2013-14	2354		2.4 L	4 CYL	K24Z7	Civic	87.00 3.425	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
1996-97	2559		2.6 L	4 CYL	4ZE1 Isuzu Eng.	Passport	92.60 3.646	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
1987-97	2675		2.7 L	6 CYL	PL2, C27A1	Accord	87.00 3.425	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
HONDA												
1997-07	3000		3.0 L	6 CYL	J30A1, JNA1, J30A4 SOHC	Accord, Avancier Odyssey	86.00 3.386	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
1996-97	3156		3.2 L	6 CYL	6VD1 Isuzu Eng.	Passport	93.40 3.677	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
1998-02	3156		3.2 L	6 CYL	6VD1 Isuzu Eng.	Passport	93.40 3.677	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
1999-17	3471		3.5 L	6 CYL	J35A6, J35A7, J35A9, J35Y1, J35Y2 J35Z1, J35Z4, J35Z5, J35Z8	Odyssey	89.00 3.504	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
HONDA-RACING												
1997-99	1590		1.6 L	4 CYL	D16A	Domani V-TEC	75.00 2.953	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
1989-93	1590		1.6 L	4 CYL	B16A	Civic, Integra V-TEC	81.00 3.189	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
	1600 2000		1.6 L 2.0 L	4 CYL	B16 B20	CRX	84.00 3.307	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												
				1 CYL	GX240K1 8HP	Stationary Eng.	73.00 2.874	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
				1 CYL	GX390K1 13HP	Stationary Eng.	88.00 3.464	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
	337			1 CYL	GX340, GXV340	Stationary Eng.	82.00 3.228	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
HYUNDAI												
2011-19	998		1.0 L	3 CYL	G3LA	i10, i20, i30, Kona	71.00 2.795	1.00 1.20 2.00	398 BF CR S 406 N PC DI 987 FV GN SS 714 GN SS	2C4086 2C408625 2C408650	3	STD 0.25 0.50
	999		1.0 L	4 CYL	G4HC, G4DG	Atos, Epsilon	66.00 2.598	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
1998-08	999		1.0 L	4 CYL	G4HC	Atos For shallow grv pistons	66.00 2.598	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5802 2C580225 2C580250 2C580275 2C58002100	4	STD 0.25 0.50 0.75 1.00
2002-09	1086		1.1 L	4 CYL	G4HD SOHC	Atos, Getz w/2.5mm oil grv	67.00 2.638	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
HYUNDAI												
2003-13	1086		1.1 L	4 CYL	G4HG SOHC	Atos, i10	67.00 2.638	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 989 FV CR 732 FV CR	2C5298 2C5298010 2C5298020 2C5298030 2C5298040	4	STD 0.25 0.50 0.75 1.00
									322 BF GN SS 435 SCRPP PC GI 987 FV GN SS 714 GN SS	2N5298	4	STD
2005-08	1100		1.1 L	4 CYL	G4HG SOHC	Atos, i10 w/2.8mm oil grv	67.00 2.638	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
2008-18	1248		1.2 L	4 CYL	G4LA	i10, i20	71.00 2.795	1.00 1.20 2.00	398 BF CR S 406 N PC DI 987 FV GN SS 714 GN SS	2C4068 2C406825 2C406850 2C4068100	4	STD 0.25 0.50 1.00
1996-On	1341		1.3 L	4 CYL	G4EA, G4K G4N, G4EH Alpha 1.3	Accent, ES, Multi, RS Click, Getz 1.3i 12V, Verna	71.50 2.815	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	5264 5264020 5264030 5264040 5264060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 054 FV CR 732 FV CR	2C5264	4	STD 0.25 0.50
2010-16	1341		1.3 L	4 CYL	G4EA	Getz, Accent Mpi	71.50 2.815	1.20 1.20 2.00	398 BF CR S 435 SCRPP PC GI 993 FV CR 005 FV CR	2C5389	4	STD 0.50 1.00
2007-15	1396		1.4 L	4 CYL	G4FA	Accent, Estate, Gamma	77.00 3.031	1.20 1.20 2.00	398 BF CR S 435 SCRPP PC GI 993 FV CR 005 FV CR	2C4504 2C450425 2C450450 2C4504100	4	STD 0.25 0.50 1.00
2005-11	1399		1.4 L	4 CYL	G4EE MPI DOHC	Accent, Getz	75.50 2.972	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
	1400		1.4 L	4 CYL		Pony	73.00 2.874	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	4	STD 0.25 0.50 0.75 1.00 1.50
1985-96	1468		1.5 L	4 CYL	G15B	Excel, Lantra, Pony	75.50 2.972	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	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	4	STD 0.25 0.50 0.75 1.00
2001-10	1493		1.5 L	3 CYL	D3EA	Accent, Getz, Matrix Diesel Eng	83.00 3.268	2.00 2.00 3.00	213 FKST CC DI 223 RVT CR DI 204 CF CR DI 881 2PCO	2D7468	1	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
HYUNDAI												
1996-97	1495		1.5 L	4 CYL	G4FK DOHC	Accent, Elantra	75.50 2.972	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
1992-10	1495		1.5 L	4 CYL	G4EK SOHC	Accent, Elantra	75.50 2.972	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 996 FV CR 732 FV CR	4782 4782010 4782020 4782030 4782040	4	STD 0.25 0.50 0.75 1.00
									363 BF CR GI 126 RVT PC GI 996 FV CR 732 FV CR	2C4782 2C4782010 2C4782020 2C4782030 2C4782040	4	STD 0.25 0.50 0.75 1.00
2007-17	1582		1.6 L	4 CYL	D4FB	Accent, Creta, Elantra i30, Kona	77.20 3.039	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
2008-17	1591		1.6 L	4 CYL	G4FC, G4FG	Accent, Estate, Elantra, Veloster	77.00 3.031	1.20 1.20 2.00	398 BF CR S 435 SCRP PC GI 993 FV CR 005 FV CR	2C4504 2C450425 2C450450 2C4504100	4	STD 0.25 0.50 1.00
1992-95	1595		1.6 L	4 CYL	G4CR, G4DR DOHC	Elantra, 16 V	82.30 3.240	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
1985-90	1597		1.6 L	4 CYL	G32B	Stellar	76.90 3.027	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
2000-11	1599		1.6 L	4 CYL	G4ED Euro 4, G4ED-G DOHC	Accent, Coupe, Getz, Matrix w/2.0mm Oil Grv.	76.50 3.012	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
2001-05	1599		1.6 L	4 CYL	G4ED, G4GR DOHC	w/2.5mm Oil Grv.	76.50 3.012	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 CYL		Elantra 2000	76.50 3.012	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
1995-02	1599		1.6 L	4 CYL	G4GR	Coupe, Elantra	77.40 3.047	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
1996-On	1796		1.8 L	4 CYL	G4CM, G4DM, G4JN DOHC	16 Valve, Elantra	81.50 3.208	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
1993-95	1796		1.8 L	4 CYL	G4CN	Elantra EXPORT ONLY	81.50 3.208	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
2012-16	1797		1.8 L	4 CYL	G4NA DOHC	Elantra, Mistra "NU SERIES"	81.00 3.189	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 0.50 1.00

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
HYUNDAI												
1995-06	1836		1.8 L	4 CYL	G4DM, G4GB, G4GM	Elantra	82.00 3.228	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
1998-00	1905		1.9 L	4 CYL	DJY SOHC	Iantra II Diesel Eng	83.00 3.268	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
2004-09	1975		2.0 L	4 CYL	G4GF DOHC	Tucson	82.00 3.228	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
2001-11	1991		2.0 L	4 CYL	D4EA	Elantra, i30, Santa Fe, Tucson CRDi Diesel Eng	83.00 3.268	2.00 2.00 3.00	213 FKST CC DI 223 RVT CR DI 204 CF CR DI 881 2PCO	2D7468	1	STD
2010-On	1995		2.0 L		D4HA DOHC	Tucson, IX35 Diesel Eng	84.00 3.307	2.50 2.00 3.00	241 FKST CC DI 214 RVT PC DI 204 CF CR DI 881 2PCO	2D7455	1	STD
1991-98	1997		2.0 L	4 CYL	G4CP, G4GF	Sonata	85.00 3.346	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
1985-89	1997		2.0 L	4 CYL	4G63	Stellar	85.00 3.346	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
1997-10	1997		2.0 L	4 CYL	G4CP, G4GC, G4GF, G4JP	Coupe, Elantra	82.00 3.228	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
2002-11	2188		2.2 L		D4EB-F, D4EB-G SOHC	Santa FE CRDi Diesel Eng	87.00 3.425	2.50 2.00 3.00	222 FKST CC DI 214 RVT PC DI 204 CF CR DI 881 2PCO	2D7495	1	STD
	2346		2.3 L	4 CYL	4D55T	Galopper Turbo Diesel	91.10 3.587	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
1980-86	2346		2.3 L	4 CYL	4D55 SOHC	Galopper Jeep Diesel Eng	91.10 3.587	2.50 2.00 4.00	231 BF PM DI 236 TF CR DI 204 CF CR DI 881 2PCO	2M7379	1	STD
1980-86	2346		2.3 L	4 CYL	4D55	Galopper Jeep Diesel Eng	91.10 3.587	2.00 2.00 4.00	226 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2C7454	1	STD
1989-93	2351		2.4 L	4 CYL	G64B	Sonata	86.50 3.405	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
HYUNDAI												
2006-15	2359		2.4 L	4 CYL	G4KC, G4KJ DOHC	Sonata, Tucson	88.00 3.464	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
1999-02	2400		2.4 L	4 CYL	G4JS	Sonata	86.50 3.405	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
1993-07	2476		2.5 L	4 CYL	D4BA, D4BB, D4BC	Porter- H100 Diesel Eng	91.10 3.587	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
1991-On	2476		2.5 L	4 CYL	4D56T, 4D56TDi	Galopper I 2.5 TD Turbo Diesel	91.10 3.587	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
	2476		2.5 L	4 CYL	D4BX SOHC	8V Diesel Eng	91.10 3.587	2.50 2.00 4.00	231 BF PM DI 236 TF CR DI 204 CF CR DI 881 2PCO	2M7379	1	STD
1980-86	2476		2.5 L	4 CYL	D4BX SOHC	8V Diesel Eng	91.10 3.587	2.00 2.00 4.00	226 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2C7454	1	STD
1998-05	2493		2.5 L	6 CYL	G6BV	Sonata, XG	84.00 3.307	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
2002-On	2497		2.5 L	4 CYL	D4CB DOHC	H100 TCi w/Keystone top grv. Diesel Eng	91.00 3.583	2.50 2.00 3.00	211 HKST CC DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2C7361	1	STD
2001-07	2497		2.5 L	4 CYL	D4CB Euro 4	H-1, Porter Diesel Eng	91.00 3.583	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
1993-10	2607		2.6 L	4 CYL	D4BB Diesel Engine	Galopper, H-1, H100, HD LIGHT, Porter	91.10 3.587	2.00 2.00 3.00	322 BF GN SS 236 TF CR DI 553 CF CR GI 881 2PCO	2D5309 2D530950 2D5309100	4	STD 0.50 1.00
2000-12	2656		2.7 L	6 CYL	G6BA DOHC	Santa Fe, Sonata, Tiburon 24V	86.70 3.412	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
2006-12	2656		2.7 L	6 CYL	G6BA DOHC	Santa Fe, Tiburon, Tucson	86.70 3.413	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
2001-06	2902		2.9 L	4 CYL	J3 TCi SOHC	Terracan Diesel Eng	97.10 3.823	2.00 2.00 3.00	232 HKST CR DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2C7401	1	STD
2001-06	2902		2.9 L	4 CYL	J3 TCi, J3 CRDi SOHC	Terracan Diesel Eng	97.10 3.823	2.50 2.00 3.00	211 HKST CC DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2D7492	1	STD
1990-98	2972		3.0 L	6 CYL	G6AT, 6G72	Sonata 3.0 12 V	91.10 3.587	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
HYUNDAI												
2006-19	3342		3.3 L	6 CYL	G6DB DOHC	V6 Azera, Sonata, Santa Fe	92.00 3.622	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
2002-06	3467		3.5 L	6 CYL	G6CU, XG350 DOHC	Centennial, Santa Fe, Terrcan-Grandeur XG	93.00 3.661	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	STD 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00
2010-19	3470		3.5 L	6 CYL	G6DC DOHC	V6 Santa Fe	92.00 3.622	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
2006-14	3778		3.8 L	6 CYL	DOHC	Azera, Entourage, Genesis, Veracruz	96.00 3.779	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
INFINITI												
1991-00	1998		2.0 L	4 CYL	SR20D, SR20DE	G20	86.00 3.386	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
1990-98	2960		3.0 L	6 CYL	VG30DE, VG30E	M30, J30	87.00 3.425	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
2001-16	3498		3.5 L	6 CYL	VQ35DE DOHC	G35, I35, JX35, QX4 QX60	95.50 3.760	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
2007-18	3498		3.5 L	6 CYL	VQ35HR, VQ35DE	EX35, FX35, M35h, Q50, Q70	95.50 3.760	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
2009-18	3699		3.7 L	6 CYL	VQ37VHR DOHC	G37, IPL G37, M37, Q70, QX50, QX70	95.50 3.760	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
1997-01	4130		4.1 L	8 CYL	VH41DE	Q41	93.00 3.661	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
2002-10	4494		4.5 L	8 CYL	VK45DE DOHC	FX45, M45, Q45	93.00 3.661	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5186	8	STD
1990-02	4494		4.5 L	8 CYL	VH45DE	Q45	93.00 3.661	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
INFINITI												
2004-10	5552		5.6 L	8 CYL	VK56DE	QX4, QX56	98.00 3.858	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 8 0.50 0.75 1.00
INTERNATIONAL-BALERS												
			4 CYL	C60	UC60 Engs.	50, 55T, 55W, 56	2	5/8 3/32 3/16	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
			4 CYL	C113		50, 55T, 55W, 56 (1/4" Oil Ring)	3.000	1/8 1/8 1/8 1/4	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 STD
			4 CYL	C113 Eng. Sleeved Eng.		50, 55T, 55W, 56 (3/16" Oil Ring)	3.000	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 871 FV CR 732 FV CR	2C7758	4	STD
			4 CYL	C123		50, 55T, 55W, 56, 57T, 57W Gas Eng.	3	1/8 3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7696	4	STD
			6 CYL	BD240		Field Harvester 20C, 36	3	9/16 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5280 2C5280030	6	STD 0.75
INTERNATIONAL-COMBINES												
			4 CYL	C60		52R, 64	2	5/8 3/32 3/32 3/16	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
			4 CYL	C113 Sleeved Eng.		22, 64, 76, 81 (1/4" Oil Ring)	3.000	1/8 1/8 1/8 1/4	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 STD
			4 CYL	C113 Sleeved Eng.		22, 64, 76, 81 (3/16" Oil Ring)	3.000	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 871 FV CR 732 FV CR	2C7758	4	STD
			4 CYL	C123 Sleeved Eng.		Gas 76, 81	3	1/8 3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7696	4	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
INTERNATIONAL-COMBINES												
				4 CYL	C135 Sleeved Eng.	Gas 91	3	1/4	3/32 3/32 3/16	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	
				4 CYL	C152 Sleeved Eng.	122	3	3/8	1/8 5/32 5/32 1/4	362 BF 3CR GI 102 T PC GI 401 SCRPP PC GI 860 FV CR 732 FV CR	2C726	4 STD
				4 CYL	C153	93	3	3/8	3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7144 2C7144020	4 STD 0.50
				4 CYL	C164	Gas Eng. 140	3	1/2	3/32 3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7503	4 STD
				6 CYL	BD220 BD220	101 127, 141, 303	3	9/16	3/32 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5280 2C5280030	6 STD 0.75
				4 CYL	C169 Sleeved Eng.	Gas or LPG 140	3	9/16	3/32 3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7547	4 STD
				6 CYL	C221 Sleeved Eng. C263	205, 303, 315 403	3	9/16	3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7687	6 STD
				4 CYL	C175 Sleeved Eng.	Gas or LPG 140	3	5/8	3/32 3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7677	4 STD
				6 CYL	Herc. G3400	SPH908 Hillside	4.000	3/32 1/8 3/16 3/16	363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C4231	6 STD	
INTERNATIONAL-CONSTRUCTION & INDUSTRIAL												
				4 CYL	C135 Sleeved Eng.	T5, T340 Crawler Gas Eng.	3	1/4	3/32 3/32 3/16	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	
				4 CYL	C153	2444, 2500, 3514	3	3/8	3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7144 2C7144020	4 STD 0.50
				6 CYL	C221 Sleeved Eng. C221 Sleeved Eng. C263	T6 Gas or LPG Eng. 3616 Gas Eng. T6-62 Series 2656 Gas or LPG Eng.	3	9/16	3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7687	6 STD
				6 CYL		T35, TA40	3	5/8	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4008	6 STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
INTERNATIONAL-CONSTRUCTION & INDUSTRIAL												
				4 CYL	C264 Sleeved Eng.	T6-61 Gas or LPG Eng.	4.000	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7795	4	STD
INTERNATIONAL-ENGINES & POWER UNITS												
				4 CYL	U1, UC60		2 5/8	3/32 3/32 3/16	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
				4 CYL	P12		3.000	1/8 1/8 1/8 1/8 3/16	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
				4 CYL	U2, U2A Sleeved Eng.	1/4" Oil Ring	3.000	1/8 1/8 1/8 1/4	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
				4 CYL	U2, U2A Sleeved Eng.	3/16" Oil Ring	3.000	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 871 FV CR 732 FV CR	2C7758	4	STD
				4 CYL	U123		3 1/8	3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7696	4	STD
				4 CYL	UC135, UC135B		3 1/4	3/32 3/32 3/16	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
				4 CYL	I4, IU4, U4, 122HT Sleeved Eng.		3 3/8	1/8 5/32 5/32 1/4	362 BF 3CR GI 102 T PC GI 401 SCRPP PC GI 860 FV CR 732 FV CR	2C726	4	STD
				4 CYL	UC153, U157		3 3/8	3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7144 2C7144020	4	STD 0.50
				4 CYL	U164 Sleeved Eng.		3 1/2	3/32 3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7503	4	STD
				6 CYL	U220, U240 Sleeved Eng.	4 Ring Piston	3 9/16	3/32 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5047 2C5047030	6	STD 0.75
				6 CYL	U220, UB220 Sleeved Eng.	3 Ring Piston 302 series	3 9/16	3/32 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5280 2C5280030	6	STD 0.75

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
INTERNATIONAL-ENGINES & POWER UNITS												
				4 CYL	U169 Sleeved Eng.		3	9/16	3/32 3/32 3/32 1/4 732 FV CR	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7547	4 STD
				6 CYL	UC221, C263 Sleeved Eng.		3	9/16	3/32 3/32 1/4 732 FV CR	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7687	6 STD
				4 CYL	U175, 350 Utility Sleeved Eng.		3	5/8	3/32 3/32 3/32 1/4 732 FV CR	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7677	4 STD
				4 CYL 6 CYL	UD166 UD236, UD282 Sleeved Eng.	1/8" Half Keystone Top Ring	3	11/16	1/8 1/8 1/4 732 FV CR	394 HKST CR DI 126 RVT PC GI 860 FV CR 732 FV CR	2C7114	2 STD
				6 CYL	U21, PA50 Sleeved Eng.	Diesel Eng	3	3/4	1/8 1/8 1/8 3/16 732 FV CR	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5028	6 STD
				4 CYL	C200		3	13/16	1/8 3/32 1/4 732 FV CR	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7220 2C7220020 2C7220060	4 STD 0.50 1.50
				8 CYL	UV345, V304, V345		3	7/8	3/32 3/32 3/16 732 FV CR	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
				4 CYL	U264 Sleeved Eng.	Late Piston	4.000		3/32 3/32 3/32 1/4 732 FV CR	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7795	4 STD
				8 CYL	461, UV401, V446		4	1/8	3/32 3/32 3/16 732 FV CR	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
				6 CYL	UR450		4	3/8	3/32 3/32 3/16 732 FV CR	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6286	6 STD
				8 CYL	UV549		4	1/2	3/32 3/32 3/32 3/16 732 FV CR	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	578	8 STD
										363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C578 2C578020 2C578030 2C578040 2C578060 2C578080	8 STD 0.50 0.75 1.00 1.50 2.00

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
INTERNATIONAL-TRACTORS												
				4 CYL	C60	Cub, Intr. Lo-Boy	2	5/8	3/32 3/32 3/16	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
				4 CYL	IHC IHC Sleeved Eng.	F12, F14 I12, I14, O12, O14; W12, W14 Late 1935	3.000	1/8 1/8 1/8 1/8 3/16	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	
				4 CYL	C113 Sleeved Eng.	A, AV, B, BN; Super A, AV; Farmall C 1/4" Oil Ring Gas or Dist.	3.000	1/8 1/8 1/8 1/4	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
				4 CYL	C113 Sleeved Eng.	A, AV, B, BN; Super A, AV; Farmall C 3/16" Oil Ring	3.000	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 871 FV CR 732 FV CR	2C7758	4 STD	
				4 CYL	C123 Sleeved Eng.	100, 130, 140, 200, 230, 240, Super C Gas Eng.	3	1/8 3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7696	4 STD	
				4 CYL	C123	100, 130, 140, 200, 240, Super A1, Super C Dist. or Kero. Eng.	3	1/8 3/32 3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7724	4 STD	
				4 CYL	C123 Sleeved Eng.	100, 200, Super A1, Super C	3	3/16 3/32 3/32 1/4	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	4123	4 STD	
										362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4123	4 STD
				1 CYL	K241	Kohler Cub Cadet	3	1/4 3/32 3/32 3/16	032 BF PC GI 401 SCRP PC GI 860 FV CR 732 FV CR	6535	1 STD	
										362 BF 3CR GI 401 SCRP PC GI 860 FV CR 732 FV CR	2C6535	1 STD
				4 CYL	C135 Sleeved Eng.	330, 340, 404, 2404 Gas Eng.	3	1/4 3/32 3/32 3/16	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
				4 CYL	C152 Sleeved Eng.	H, HV, I4, IU4, O4, OS4, W4	3	3/8 1/8 5/32 5/32 1/4	362 BF 3CR GI 102 T PC GI 401 SCRP PC GI 860 FV CR 732 FV CR	2C726	4 STD	
				4 CYL	C146, C157	424, 444, 504, 2424, 2444 Gas Eng.	3	3/8 3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7144 2C7144020	4 STD 0.50	

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
INTERNATIONAL-TRACTORS												
				4 CYL		H	3	3/8	3/32 3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7558	4 STD
				4 CYL	C164 Sleeved Eng.	Super H, HV, W4 Gas Eng.	3	1/2	3/32 3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7503	4 STD
				4 CYL	C169 Sleeved Eng.	300 Series Gas or LPG Eng.	3	9/16	3/32 3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7547	4 STD
				6 CYL	C221 C263	460, 606, 656, 2606 560, 656 Series, 660, 2656, 2706 Gas or LPG Eng.	3	9/16	3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7687	6 STD
				6 CYL		IA40, WA40	3	5/8	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4008	6 STD
				4 CYL	C175 Sleeved Eng.	300, 350 Gas or LPG Eng.	3	5/8	3/32 3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7677	4 STD
				4 CYL 4 CYL 6 CYL 6 CYL	D166 D188 D236 D282	TD340 Crawler 2444, 2500, 3514 460D, 606, 2606, 3616D 560D, 656D, 660D, 706, 2656D, 2706 1/8" Half Kyst Top Ring Diesel Eng	3	11/16	1/8 1/8 1/4	394 HKST CR DI 126 RVT PC GI 860 FV CR 732 FV CR	2C7114	2 STD
				6 CYL	UC301	806, 2806 After #4996 Gas or LPG Eng.	3	13/16	1/8 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7193 2C7193020 2C7193060	6 STD 0.50 1.50
				4 CYL	C200	544, 2544	3	13/16	1/8 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7220 2C7220020 2C7220060	4 STD 0.50 1.50
				4 CYL	D239, DT239, 544, I544, 574	Diesel Eng	3	7/8	1/8 3/32 3/16	372 FKST CR DI 126 RVT PC GI 860 FV CR 732 FV CR	2C5319	4 STD
				4 CYL	206D		3	7/8	1/8 1/8 1/8 3/16	372 FKST CR DI 126 RVT PC GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C5559	4 STD
				6 CYL	D310	666, 706, 756 4 Ring Piston	3	7/8	1/8 1/8 1/8 3/16	372 FKST CR DI 126 RVT PC GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7197	6 STD
				4 CYL	C264 Sleeved Eng.	Super M, M, M-TA, MV, W6 Gas or LPG Eng.	4.000	3/32	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7795	4 STD
				4 CYL	IHC Sleeved Eng.	Super M, W6 Sterling Piston	4.000	3/32	3/32 3/32 3/32 1/4 1/4	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
INTERNATIONAL-TRACTORS												
				4 CYL	C281 C281 Sleeved Eng.	400, 450, W450 Super M, M, MTA, MV, W6 Gas or LPG Eng.	4	1/8	3/32 3/32 3/32 1/4	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												
				4 CYL	C113 Eng. Sleeved Eng.	M & W Sleeve Kit Superior Piston #A1018 McQuay Norris Kit #SA177 M & W Sleeve Kit Sealed Power #SP9	3	1/8	1/8 1/8 1/8 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7543	4 STD
				4 CYL	C113 Eng. Sleeved Eng.	M & W Sleeve Kit Superior Piston #A1018 McQuay Norris Kit #SA177 M & W Sleeve Kit Sealed Power #SP9	3	1/8	3/32 3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7799	4 STD
				4 CYL	C123 Eng. Sleeved Eng.	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	3	3/16	3/32 3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7564	4 STD
				4 CYL	C123 Eng. Sleeved Eng.	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	3	3/16	3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7698	4 STD
				4 CYL	C123 Eng. Sleeved Eng.	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	3	1/4	3/32 3/32 3/32 3/16	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
				4 CYL	C123 Eng. Sleeved Eng.	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	3	1/4	3/32 3/32 3/32 3/16	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7584	4 STD
										362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7584	4 STD
				4 CYL	C152 Eng. Sleeved Eng.	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.	3	7/16	3/32 3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5669	4 STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE	
INTERNATIONAL-TRACTORS INCREASE BORE SLEEVE													
				4 CYL	C152 Eng. Sleeved Eng.	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.	3	7/16	3/32 3/32 3/32 3/16 3/16	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
				4 CYL	C152 Eng. Sleeved Eng.	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.	3	7/16	3/32 3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7681	4	STD
				4 CYL	C152 Eng. Sleeved Eng.	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.	3	7/16	3/32 3/32 1/8 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7790	4	STD
				4 CYL	C152 Eng. Sleeved Eng.	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.	3	9/16	3/32 3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7547	4	STD
				4 CYL	C169 Dist. or Gas Eng. C175 Dist,Gas or LPG Eng. Sleeved Eng.	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	3	5/8	3/32 3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7677	4	STD
					C248 Eng. Sleeved Eng.	M & W #SP3, SP3-5 Sealed Power #SL1696,1727 Power Pkg. M Kit	3	7/8	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7647	4	STD
					C248 Eng. Sleeved Eng.	M & W #SP60, SP61, SP62 McQuay Norris #AS162, 173, 241, 242, 243	4.000		3/32 3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7654	2	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
INTERNATIONAL-TRACTORS INCREASE BORE SLEEVE												
				4 CYL	C248 Eng.	M & W Sleeve Kit Power Pkg. Incre. Bore Kit Superior Piston #A1011 Sealed Power #SL1741	4.000	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7795	4	STD
					IHC Eng. Sleeved Eng.	McQuay Norris #SA193						
				4 CYL	C248 Eng. Sleeved Eng.	M & W #SP60, SP61, SP62 McQuay Norris #AS162, 173, 241, 242, 243	4.000	3/32 3/32 1/8 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7997	4	STD
				4 CYL	C264 Eng. Sleeved Eng.	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	4 1/8	3/32 1/8 1/8 3/16	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7553	4	STD
				4 CYL	C264 Eng. Sleeved Eng.	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	4 1/8	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7580	4	STD
				4 CYL	C264 Eng. Sleeved Eng.	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	4 1/8	3/32 3/32 1/8 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7794	4	STD
INTERNATIONAL-TRUCKS & ENGINES												
				6 CYL	Sleeved Eng.	B240, BD269, BLD269 Canada BD220, BD240, S220, S240, SD220, SD240 FAC269	3 9/16	3/32 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5047 2C5047030	6	STD 0.75
				6 CYL		BD220, BD240, BG220, BG241, SD220 3 Ring Piston	3 9/16	3/32 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5280 2C5280030	6	STD 0.75
				8 CYL		V266	3 5/8	3/32 3/32 3/16	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
				6 CYL	Sleeved Eng.	FBB3, FBB223, FBB298 Diesel Eng	3 3/4	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5028	6	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
INTERNATIONAL-TRUCKS & ENGINES												
				8 CYL		V304, E V345, E	3	7/8	3/32 3/32 3/16	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	
				8 CYL		V401 White Mach.Piston #A1173P V461	4	1/8	3/32 3/32 3/32 3/16	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C579 2C579020 2C579030 2C579040 2C579060	8 STD 0.50 0.75 1.00 1.50
				8 CYL		MV404, MV446, V392, E; V461, V392, V401, VS401	4	1/8	3/32 3/32 3/16	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	
				6 CYL	Sleeved Eng.	RD372 406, 450 Late Piston Zollner 4063 Piston	4	3/8	3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6286	6 STD
				8 CYL		V549, FTV549 4 Ring Piston	4	1/2	3/32 3/32 3/32 3/16	032 BF PC 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
				8 CYL		V478, V549, FTV549, VS478, VS549 3 Ring Piston	4	1/2	3/32 3/32 3/16	032 BF PC 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
				4 CYL		196, 196E	104.78 4.125	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	
	2491	152	2.5 L	4 CYL		152T Scout Comanche 4-152, 4-152E	3	7/8	3/32 3/32 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6353 6353010 6353020 6353030 6353040 6353060	4 STD 0.25 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6353 2C6353010 2C6353020 2C6353030 2C6353040 2C6353060	4 STD 0.25 0.50 0.75 1.00 1.50	

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE	
INTERNATIONAL-TRUCKS & ENGINES													
4228	258	4.2 L	6 CYL			6-232	3	3/4	5/64	032 BF PC GI	656	6	STD
									5/64	126 RVT PC GI	656010		0.25
									3/16	860 FV CR	656020		0.50
										732 FV CR	656030		0.75
											656040		1.00
											656060		1.50
										362 BF 3CR GI	2C656	6	STD
										126 RVT PC GI	2C656010		0.25
										860 FV CR	2C656020		0.50
										732 FV CR	2C656030		0.75
											2C656040		1.00
											2C656060		1.50
										327 BF PM GI	2M656	6	STD
										126 RVT PC GI	2M656010		0.25
										860 FV CR	2M656020		0.50
										732 FV CR	2M656030		0.75
											2M656040		1.00
											2M656060		1.50
6883	420	6.9 L	8 CYL			Diesel Eng	4.000	5/64	336 T PM DI	2D5693	8	STD	
									5/64	126 RVT PC GI	2D569325		0.25
									7/64	553 CF CR GI	2D569350		0.50
										881 2PCO	2D569375		0.75
											2D5693100		1.00
		2D5693150		1.50									
6883	420	6.9 L	8 CYL			Diesel Eng Special .060 to .070 gap 2nd ring	4.000	5/64	336 T PM DI	2D5697	8	STD	
									5/64	130 RVT PC GI	2D569725		0.25
									7/64	553 CF CR GI	2D569750		0.50
										881 2PCO	2D569775		0.75
											2D5697100		1.00
		2D5697150		1.50									
9013	550	9.0 L	8 CYL			DV550, B, S/N 15828-on, Zollner Piston #4185, 4253, 4288 Zollner Piston #4307C Use .010 Oversize for Std Diesel Eng	4	1/2	1/8	372 FKST CR DI	2C4305	8	STD
									3/32	126 RVT PC GI	2C4305010		0.25
									3/16	565 CF CR GI	2C4305020		0.50
										881 2PCO			
ISUZU													
1985-93	1471	1.5 L	4 CYL	4XC1 OHC		Gemini FF, Piazza Stylus 2 Ring Piston	77.00 3.031	1.50 1.50 2.80	032 BF PC GI	4241	4	STD	
									861 FV CR	4241020		0.50	
									732 FV CR	4241030		0.75	
										4241040		1.00	
									335 T PM DI	2M4241	4	STD	
									861 FV CR	2M4241020		0.50	
									732 FV CR	2M4241030		0.75	
	2M4241040		1.00										
1985-93	1471	1.5 L	4 CYL	4XC1-H, 4XC1-T		Turbo	77.00 3.031	1.20 1.20 2.80	398 BF CR S	2C4646	4	STD	
									126 RVT PC GI	2C4646020		0.50	
									861 FV CR	2C4646030		0.75	
									732 FV CR	2C4646040		1.00	
1974-90	1488	1.5 L	4 CYL	4EC1 4EC1T		Gemini Gemini Turbo Diesel Eng	76.00 2.992	2.00 1.50 3.00	362 BF 3CR GI	2C4751	4	STD	
									435 SCRP PC GI	2C4751020		0.50	
									054 FV CR	2C4751030		0.75	
									732 FV CR	2C4751040		1.00	
1974-88	1584	1.6 L	4 CYL	G161 G161Z		Elf, Gemini Elf, Gemini	82.00 3.228	2.00 2.00 4.00	032 BF PC GI	4294	4	STD	
									126 RVT PC GI	4294020		0.50	
									056 FV CR	4294030		0.75	
									732 FV CR	4294040		1.00	
										4294060		1.50	
									362 BF 3CR GI	2C4294	4	STD	
									126 RVT PC GI	2C4294010		0.25	
									056 FV CR	2C4294020		0.50	
									732 FV CR	2C4294030		0.75	
										2C4294040		1.00	
										2C4294060		1.50	
									327 BF PM GI	2M4294	4	STD	
									126 RVT PC GI				
									056 FV CR				
									732 FV CR				

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
ISUZU												
1975-85	1584		1.6 L	4 CYL	G161-Z	Gemini, Rodeo (KB 25, KB26)	82.00 3.228	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
1981-87	1584		1.6 L	4 CYL	4ZA1	Fargo, Shuttle	82.00 3.228	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
1988-93	1588		1.6 L	4 CYL	4XE1, 4XE1W	Geo Storm, Stylus	80.00 3.150	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
1990-93	1686		1.7 L	4 CYL	4EE1 DOHC	Gemini, Stylus Turbo Diesel	79.00 3.110	2.00 1.50 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	4758 4758020	4	STD 0.50
									335 T PM DI 126 RVT PC GI 204 CF CR DI 881 2PCO	2D4758 2D475850 2D4758100	4	STD 0.50 1.00
1990-93	1686		1.7 L	4 CYL	4EE1 DOHC	Gemini, Stylus Turbo Diesel w/2pc Oil	79.00 3.110	2.00 1.50 3.00	217 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2C7424	1	STD
1992-93	1809		1.8 L	4 CYL	4XF1	Geo Storm Gsi, Stylus RS	80.00 3.150	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
1982-84	1817	110	1.8 L	4 CYL	4ZB1, 4FC1	Fargo	84.00 3.307	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	4217 4217010 4217020 4217030 4217040 4217060	4	STD 0.25 0.50 0.75 1.00 1.50
									336 T PM DI 126 RVT PC GI 058 FV CR 732 FV CR	2M4217 2M4217010 2M4217020 2M4217030 2M4217040	4	STD 0.25 0.50 0.75 1.00
1973-85	1871	114	1.8 L	4 CYL	G180SS, G180Z	Bellett GT, Gemini	84.00 3.307	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
ISUZU												
1983-87	1949	119	2.0 L	4 CYL	G200Z	Trooper	87.00 3.425	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
1982	1949	119	2.0 L	4 CYL	G200Z	Trooper	87.00 3.425	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
	1951		2.0 L	4 CYL	C190	Faster/Holden Rodeo, Florian	86.00 3.386	2.50 2.00 5.00	362 BF 3CR GI 435 SCRP PC GI 553 CF CR GI 881 2PCO	2D4390 2D439025	4	STD 0.25
1985-89	1994		2.0 L	4 CYL	4ZC1, 4ZC1-T	Aska, Piazza Turbo	88.00 3.464	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
1983-86	2000		2.0 L	4 CYL	ZNG200	Impulse	87.00 3.425	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
1996-99	2156		2.2 L	4 CYL	F22B6 Honda Eng.	Oasis	85.00 3.346	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
1996-99	2197		2.2 L	4 CYL	LN2	Hombre	89.00 3.504	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 005 FV CR	6209 6209010 6209020 6209030 6209040 6209060	4	STD 0.25 0.50 0.75 1.00 1.50
									397 BF PM S 126 RVT PC GI 872 FV CR 005 FV CR	2M6209 2M6209020 2M6209030 2M6209040 2M6209060	4	STD 0.50 0.75 1.00 1.50
2001-04	2198		2.2 L	4 CYL	X22SE DOHC	Rodeo	86.00 3.386	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
ISUZU												
1998-00	2200		2.2 L	4 CYL	X22SE	Rodeo	86.00 3.386	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
1986-93	2254		2.3 L	4 CYL	4ZD1	Amigo, Rodeo, MU, Wizard	89.30 3.516	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	4603 4603010 4603020 4603030 4603040 4603060	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	2C4603 2C4603010 2C4603020 2C4603030 2C4603040 2C4603060	4	STD 0.25 0.50 0.75 1.00 1.50
	2369		2.4 L	4 CYL	C240		86.00 3.386	2.50 2.00 5.00	362 BF 3CR GI 435 SCRP PC GI 553 CF CR GI 881 2PCO	2D4390 2D439025	4	STD 0.25
2004-13	2499		2.5 L	4 CYL	4JK1-TC	D-Max	95.40 3.756	2.00 1.50 3.00	232 HKST CR DI 435 SCRP PC GI 203 CF GN SS 881 2PCO	2D7225	4	STD
1983-90	2499		2.5 L	4 CYL	4JA1	Campo Turbo Diesel Chrome Sleeves use 7384 only	93.00 3.661	2.00 2.00 4.00	252 BF PC GI 218 TF PC DI 200 CF PC GI 881 2PCO	7384	1	STD
									217 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2C7384	1	STD
1986-97	2559	156	2.6 L	4 CYL	4ZE1	Amigo, Pickup, Trooper II	92.60 3.646	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
1985-03	2772		2.7 L	4 CYL	4JB1, 4JB1-T	Elf Box, Chassis, Trooper Turbo Diesel Chrome Sleeves use 7384 only	93.00 3.661	2.00 2.00 4.00	252 BF PC GI 218 TF PC DI 200 CF PC GI 881 2PCO	7384	1	STD
									217 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2C7384	1	STD
1989-91	2827		2.8 L	6 CYL		Trooper	89.00 3.504	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
ISUZU												
	2999		3.0 L	4 CYL	4JJ1-TC	Rodeo	95.40 3.756	2.00 1.50 3.00	232 HKST CR DI 435 SCRP PC GI 203 CF GN SS 881 2PCO	2D7225	4	STD
	3059		3.1 L	4 CYL	4JH1	Faster, Rodeo D-Max Diesel Eng Chrome Plated Cylinder	95.40 3.756	2.50 2.00 3.00	110 BF PC DI 435 SCRP PC GI 203 CF GN SS 881 2PCO	2D7188	4	STD
1991-93	3097		3.1 L	6 CYL		Rodeo	89.00 3.504	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
1992-96	3165		3.2 L	6 CYL	6VD1	Faster, Rodeo, Trooper	93.40 3.677	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
1997-05	3165		3.2 L	6 CYL	6VD1	Faster, Rodeo, Trooper	93.40 3.677	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
2005-08	3494		3.5 L	6 CYL	6VE1	Axiom, Rodeo, Trooper	93.40 3.677	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
1996-04	3494		3.5 L	6 CYL	6VE1	Axiom, Rodeo, Trooper	93.40 3.677	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
2009-On	5193		5.2 L	4 CYL	4HK1TC OHC	ELF 400, 450, 500, 600 Turbo Diesel	115.00 4.527	3.00 2.50 4.00	370 HKST 3CR GI 401 SCRP PC GI 553 CF CR GI 881 2PCO	2C7456	4	STD
IVECO												
	2287		2.3 L	4 CYL	F1AE	Turbo Diesel	88.00 3.465	2.50 2.00 2.50	221 FKST CC DI 206 TF PC DI 204 CF CR DI 881 2PCO	2D7138	1	STD
	2798		2.8 L	4 CYL	8140.23, 8140.43, 8140.43C	Turbo Diesel	94.40 3.716	3.00 2.00 3.00	225 FKST CR DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2C7353	1	STD
	2798		2.8 L	4 CYL	8140.63 Euro, Sofim	Turbo Diesel	94.40 3.716	3.00 2.00 2.50	225 FKST CR DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2C7449	1	STD
1999-06	2798		2.8 L	4 CYL	8140.23, 8140.43, 8140.43C	Turbo Diesel	94.40 3.716	2.50 2.00 2.50	233 FKST PM DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2M7450	1	STD
	2998		3.0 L	4 CYL	F1CE	441A, 481A Turbo Diesel	95.80 3.772	2.50 2.00 2.50	221 FKST CC DI 206 TF PC DI 204 CF CR DI 881 2PCO	2D7347	1	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
JAGUAR												
2012-17	1999		2.0 L	4 CYL	204PT	F-Pace, XE, XF, XJ	87.50 3.445	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C4150	4	STD
2012-15	1999		2.0 L	4 CYL	204PT	XE, XF, XJ	87.50 3.445	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR 326 TBF GN SS 126 RVT PC GI 993 FV CR 005 FV CR	2C5282 2C528250 2C528275 2C5282100 2N5282 2N528250	4	STD 0.50 0.75 1.00 STD 0.50
2011-On	2179		2.2 L	4 CYL	224DT	XF Diesel Eng Incl. Turbo	85.00 3.346	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
1959-68	2400	231	3.8 L	6 CYL	XK-E	Mark IX, Mark X,	3.425	5/64 5/64 5/32	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	5957 5957020 5957030 5957040 2C5957 2C5957020 2C5957030	6	STD 1.50 STD
1949-64	2400		2.4 L	6 CYL	XK 2.4	3 1/2, Mark VII, XK120, XK140, XK150	83.00 3.268	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
2012-17	2995		3.0 L	6 CYL	306PS	F-PACE, F-TYPE XE, XF, XJ	84.50 3.327	1.20 1.20 2.00	398 BF CR S 610 RVT PC GI 993 FV CR 005 FV CR	2C5303	6	STD
1949-64	3400		3.4 L	6 CYL	XK 3.4	3 1/2, Mark VII, XK120, XK140, XK150	83.00 3.268	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
1997-On	3980		4.0 L	6 CYL	F1CE	XJR6	91.00 3.583	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
1971-92	4200		4.2 L	6 CYL	XK 4.2	XJ6, XJ6 Series III Shallow Oil Ring Grv.	92.00 3.622	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	4625 4625010 4625020 4625030 4625040 2C4625 2C4625010 2C4625020 2C4625030 2C4625040	6	STD 0.25 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00
1964-91	4200		4.2 L	6 CYL	XK 4.2 XK-E	XJ6, Mark I & II Deep Oil Ring Grv.	3.622	5/64 5/64 3/16	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	6800 6800020 6800040 2C6800 2C6800010 2C6800020 2C6800030 2C6800040	6	STD 0.50 1.00 STD 0.25 0.50 0.75 1.00
2009-18	4999		5.0 L	8 CYL	AJ133	F-Type, XF, XJ, XK, XKR	92.50 3.642	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
1975-92	5343		5.3 L	12 CYL		XJS XJ12 XKE Series III	3.543	1/16 5/64 5/32	362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C4441 2C4441020 2C4441030	12	STD 0.50 0.75

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
JEEP												
1955-62				6 CYL	6-226, L6-226	Panel Delivery, Station Sedan, FC170	3	5/16	3/32 3/32 5/32 5/32	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI 901 GL	4233 4233040	6 1.00
1991-96	1468	92	1.5 L	4 CYL	Vin Q	Eagle 12 Valve	75.50 2.972	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
1988-92	1468	92	1.5 L	4 CYL		Eagle	75.50 2.972	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
1989-90	1595	98	1.6 L	4 CYL	DOHC	Eagle	82.30 3.240	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
1989-94	1754	107	1.8 L	4 CYL		Eagle	80.60 3.173	1.50 1.50 4.00	032 BF PC GI 401 SCRP 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 SCRP PC GI 058 FV CR 732 FV CR	2C4367 2C4367020 2C4367030 2C4367040 2C4367060	4	STD 0.50 0.75 1.00 1.50
1979-88	1995		2.0 L	4 CYL	829, J6R, ZEJ J5R-800 Renault Eng.	CJ-7 Laredo CJ5-CJ8	88.00 3.464	1.75 2.00 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	4257	4	STD
									327 BF PM GI 126 RVT PC GI 056 FV CR 732 FV CR	2M4257 2M4257010	4	STD 0.25
1990-93	1997	122	2.0 L	4 CYL	DOHC	Eagle Incl. Turbo	85.00 3.346	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
1993-94	1997		2.0 L	4 CYL	4G63 Mitsubishi Eng DOHC	Incl. Turbo	85.00 3.346	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
2009-15	1997	122	2.0 L	4 CYL	ECN Vin:A	World Eng.	86.00 3.386	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
1995-98	1997	122	2.0 L	4 CYL	4G63 Mitsubishi Eng DOHC	Incl. Turbo	85.00 3.346	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
JEEP												
2010-on	2143		2.2 L	4 CYL	OM 651.925 Mercedes Eng	Compass Diesel Eng	83.00 3.268	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
1940-74	2196	134	2.2 L	4 CYL	CJ2A, CJ3A, MB, 475	3 Ring Piston	3	1/8 3/32 3/32 3/16	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	828 828020 828030 828040 828060 828080 2C828 2C828020 2C828030 2C828040 2C828060	4	STD 0.50 0.75 1.00 1.50 2.00 STD 0.50 0.75 1.00 1.50
2007-15	2360	144	2.4 L	4 CYL	Vin:2	World Eng.	88.00 3.464	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
1992-93	2393	146	2.4 L	4 CYL	T		86.50 3.405	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	4638 4638020 4638030 4638040 4638060 2C4638 2C4638010 2C4638020 2C4638030 2C4638040	4	STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00
1983-95	2458	150	2.5 L	4 CYL		Eagle	3	7/8 5/64 5/64 3/16	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
1996-02	2458	150	2.5 L	4 CYL	L4 Vin P		98.43 3.875	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
JEEP												
1980	2474	151	2.5 L	4 CYL		Deep Oil Ring Grv.	4.000	5/64 5/64 3/16	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
1981	2474	151	2.5 L	4 CYL		Shallow Oil Ring Grv.	4.000	5/64 5/64 3/16	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
1982-84	2474	151	2.5 L	4 CYL		Shallow Oil Ring Grv.	4.000	1/16 5/64 3/16	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
1984	2835	173	2.8 L	6 CYL		Deep Oil Ring Grv.	89.00 3.504	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
JEEP												
1985-86	2835	173	2.8 L	6 CYL		Shallow Oil Ring Grv.	89.00 3.504	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
1996	2966	181	2.9 L	4 CYL	4G93 Mitsubishi Eng		81.00 3.189	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
1988-93	2982	182	3.0 L	6 CYL	Sleeved Eng.	Eagle, Renault	93.00 3.661	1.75 1.75 3.50	363 BF CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C4672	6	STD
2014-20	3239	198	3.2 L	6 CYL	EHB, EHK VIN: S, X	Cherokee	91.00 3.583	1.20 1.20 2.00	397 BF PM S 406 N PC DI 991 FV CR 005 FV CR	2M4577	6	STD
1993-97	3294	201	3.3 L	6 CYL			93.00 3.661	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
2010-18	3604	220	3.6 L	6 CYL	G	Grand Cherokee, Wangler	96.00 3.779	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
1966-71	3687	225	3.7 L	6 CYL			3 3/4	5/64 5/64 3/16	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
1999-11	3703	226	3.7 L	6 CYL	Vin: K		93.00 3.661	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE	
JEEP													
1962-66	3769	230	3.8 L	6 CYL	OHC	Tornado, A, B Series	3.344	5/64 5/64 3/16	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	834 834030 834040 2C834 2C834030 2C834040	6	STD 0.75 1.00 6 0.75 1.00	
2001-12	3785	231	3.8 L	6 CYL	Vin:1	Wrangler	96.00 3.779	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 6 0.25 0.50 0.75 1.00	
1966-83	3802	232	3.8 L	6 CYL			3	3/4	5/64 5/64 3/16	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	STD 0.25 0.50 0.75 1.00 1.50 6 0.25 0.50 0.75 1.00 1.50
1986-95	3966	242	4.0 L	6 CYL			3	7/8	5/64 5/64 3/16	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 6 0.25 0.50 0.75 1.00 1.50 2.00
1996-06	3966	242	4.0 L	6 CYL	Vin:S	Shallow Oil Ring Grv.	98.43 3.875	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 6 0.50 0.75 1.00 1.50	

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
JEEP												
	3966	242	4.0 L	6 CYL		Powertech, Cherokee Export	98.43 3.875	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
1971-90	4228	258	4.2 L	6 CYL			3 3/4	5/64 5/64 3/16	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
2008-13	4670	285	4.7 L	8 CYL	Vin: P	Cherokee	93.00 3.661	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
1999-07	4703	287	4.7 L	8 CYL	Vin: N	Cherokee	93.00 3.661	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
1971-81	4982	304	5.0 L	8 CYL			3 3/4	5/64 5/64 3/16	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
1993-94	5146	314	3.5 L	6 CYL			96.00 3.779	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
JEEP												
1992-97	5211	318	5.2 L	8 CYL		Shallow Oil Ring Grv.	99.31 3.910	2.00 2.00 4.00	032 BF PC GI	4735	8	STD
									126 RVT PC GI	4735020		0.50
									872 FV CR	4735030		0.75
									732 FV CR	4735040		1.00
										4735060		1.50
									363 BF CR GI	2C4735		STD
									126 RVT PC GI	2C4735020		0.50
									872 FV CR	2C4735030		0.75
									732 FV CR	2C4735040		1.00
										2C4735060		1.50
									397 BF PM S	2M4735		STD
									126 RVT PC GI	2M4735020		0.50
									872 FV CR	2M4735030		0.75
									732 FV CR	2M4735040		1.00
										2M4735060		1.50
									032 BF PC GI	139		STD
									126 RVT PC GI	139010		0.25
									860 FV CR	139020		0.50
									732 FV CR	139030		0.75
										139040		1.00
										139060		1.50
										139070		1.75
										139080		2.00
										139100		2.50
1966-68	5359	327	5.4 L	8 CYL			4.000	5/64 5/64 3/16	032 BF PC GI	139	8	STD
									126 RVT PC GI	139010		0.25
									860 FV CR	139020		0.50
									732 FV CR	139030		0.75
										139040		1.00
										139060		1.50
										139070		1.75
										139080		2.00
										139100		2.50
									362 BF 3CR GI	2C139		STD
									126 RVT PC GI	2C139010		0.25
									860 FV CR	2C139020		0.50
									732 FV CR	2C139030		0.75
										2C139040		1.00
										2C139060		1.50
										2C139070		1.75
										2C139080		2.00
									397 BF PM S	2M139		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
2009-18	5654	345	5.7 L	8 CYL	EZH Vin: T	Commander, Grand Cherokee	99.50 3.917	1.20 1.20 2.00	397 BF PM S	2M5141	8	STD
									126 RVT PC GI	2M5141004		0.10
									989 FV CR	2M5141020		0.50
									732 FV CR	2M5141030		0.75
										2M5141040		1.00
2003-08	5703	348	5.7 L	8 CYL	Vin: D,H,2	Hemi	99.50 3.917	1.50 1.50 3.00	032 BF PC GI	5097	8	STD
									126 RVT PC GI	5097010		0.25
									997 FV CR	5097020		0.50
									732 FV CR	5097030		0.75
										5097040		1.00
									397 BF PM S	2M5097		STD
									126 RVT PC GI	2M5097010		0.25
									997 FV CR	2M5097020		0.50
									732 FV CR	2M5097030		0.75
										2M5097040		1.00
										2M5097060		1.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
JEEP												
1968-71	5735	350	5.7 L	8 CYL			3.800	5/64 5/64 3/16	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
1971-91	5899	360	5.9 L	8 CYL			4.080	5/64 5/64 3/16	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 2M693020 2M693030 2M693040 2M693060	8	STD 0.50 0.75 1.00 1.50
									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
1998	5899	360	5.9 L	8 CYL			101.60 4.000	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 635 FV CR 732 FV CR	4346 4346020 4346030 4346040 4346060	8	STD 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 635 FV CR 732 FV CR	2M4346 2M4346010 2M4346020 2M4346030 2M4346040 2M4346060	8	STD 0.25 0.50 0.75 1.00 1.50
2005-10	6063	370	6.1 L	8 CYL			103.00 4.055	1.50 1.50 3.00	397 BF PM S 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
2018	6166	376	6.2L	8 CYL	ESD Supercharged	Grand Cherokee	103.90 4.091	1.20 1.20 2.00	397 BF PM S 406 N PC DI 991 FV CR 732 FV CR	2M4161	8	STD
2012-20	6424	392	6.4 L	8 CYL	ESG Vin; J Hemi	Grand Cherokee	104.00 4.094	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
1974-77	6571	401	6.6 L	8 CYL			4.165	5/64 5/64 3/16	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 2M672030	8	STD 0.75
									327 BF PM GI 126 RVT PC GI 860 FV CR 732 FV CR	2M672 2M672030	8	STD 0.75

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
JOHN DEERE-COMBINES												
				2 CYL	12A		3	1/2	1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7844	2 STD
				4 CYL	5A, 35		3	3/4	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7669	4 STD
				4 CYL	55, 95, 105	3 Ring Piston	3	7/8	3/32 3/32 3/16	363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7158	2 STD
				4 CYL 4 CYL	HC165 Gas 45 Hi-Lo 55, 95, 105 Sleeved Eng.	Diesel, Gas, LPG 4 Ring Piston	3	7/8	3/32 3/32 3/32 3/16	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 501 1PCO PC GI 825 2PCO	2C7118	2 STD
				4 CYL 6 CYL	HA341G 105	4 Cyl. & 6 Cyl.	4	1/4	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7675 2C7675020 2C7675045	2 STD 0.50 1.13
	1885	115	1.9 L	4 CYL	40 Hi-Lo Sleeved Eng.		3	1/2	3/32 3/32 3/32 3/16	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7119	4 STD
										362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7119	4 STD
	2376	145	2.4 L	4 CYL	HC145G Sleeved Eng.		3	5/8	3/32 3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7581	4 STD
	2376	145	2.4 L	4 CYL	45 Hi-Lo Sleeved Eng.		3	5/8	3/32 3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7581	4 STD
	4064	248	4.1 L	6 CYL	55, 95M, 105 Sleeved Eng.	Diesel, Gas, LPG 4 Ring Piston	3	7/8	3/32 3/32 3/32 3/16	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 501 1PCO PC GI 825 2PCO	2C7118	2 STD
JOHN DEERE-ENGINE & POWER UNITS												
				4 CYL	115 Series Sleeved Eng.	Gas	3	1/2	3/32 3/32 3/32 3/16	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7119	4 STD
										362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7119	4 STD
				2 CYL		LA, LU Power Unit	3	1/2	1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7844	2 STD
				4 CYL 4 CYL	145 Series HA145 Sleeved Eng.	Gas & Diesel	3	5/8	3/32 3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7581	4 STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
JOHN DEERE-ENGINE & POWER UNITS												
				4 CYL	165 Series	Gas & Diesel	3	7/8	3/32	363 BF CR GI	2C7118	2 STD
				6 CYL	248 Series	Gas, LPG & Diesel			3/32	126 RVT PC GI		
					Sleeved Eng.				3/32	126 RVT PC GI		
									3/16	501 1PCO PC GI		
										825 2PCO		
				4 CYL	241 Series		4	1/4	3/32	363 BF CR GI	2C7236	2 STD
				6 CYL	360 Series				3/32	126 RVT PC GI		
									3/16	860 FV CR		
										732 FV CR		
				4 CYL	HA341G		4	1/4	3/32	363 BF CR GI	2C7675	2 STD
									3/32	126 RVT PC GI	2C7675020	0.50
									3/32	126 RVT PC GI	2C7675045	1.13
									1/4	860 FV CR		
										732 FV CR		
				2 CYL	60 Eng.		5	1/2	3/16	362 BF 3CR GI	2C7731	2 STD
									3/16	102 T PC GI	2C7731040	1.00
									3/16	401 SCRP PC GI	2C7731090	2.25
									3/16	401 SCRP PC GI		
									5/16	501 1PCO PC GI		
										825 2PCO		
				2 CYL	R	Diesel	5	3/4	1/8	362 BF 3CR GI	2C7784	2 STD
									1/8	102 T PC GI	2C7784125	3.13
									1/8	102 T PC GI		
									1/8	102 T PC GI		
									1/8	102 T PC GI		
									1/4	710 FV CR		
										732 FV CR		
										825 2PCO		
									1/4	501 1PCO PC GI		
				2 CYL	70 Eng.	70	5	7/8	1/8	362 BF 3CR GI	2C7642	2 STD
									1/8	102 T PC GI	2C7642045	1.13
									1/8	102 T PC GI	2C7642090	2.25
									1/8	102 T PC GI	2C7642120	3.00
									1/4	501 1PCO PC GI		
										825 2PCO		
JOHN DEERE-TRACTORS												
				4 CYL	V4 Starting Eng	730 & 830 Series	2.000		3/32	102 T PC GI	7707	4 STD
									3/32	401 SCRP PC GI		
									3/16	501 1PCO PC GI		
				4 CYL		33, 35, 36, 36A, 36B	3	1/4	1/8	032 BF PC GI	5060	4 STD
									1/8	126 RVT PC GI	5060020	0.50
									3/16	860 FV CR	5060030	0.75
										732 FV CR	5060060	1.50
										362 BF 3CR GI	2C5060	4 STD
										126 RVT PC GI		
										860 FV CR		
										732 FV CR		
						L After S/N 624999	3	1/4	1/8	032 BF PC GI	7843	2 STD
									1/8	126 RVT PC GI		
									3/16	860 FV CR		
										732 FV CR		
										362 BF 3CR GI	2C7843	2 STD
										126 RVT PC GI		
										860 FV CR		
										732 FV CR		
				2 CYL		LA, LU Power Unit	3	1/2	1/8	362 BF 3CR GI	2C7844	2 STD
									1/8	126 RVT PC GI		
									3/16	860 FV CR		
										732 FV CR		
				2 CYL		H, HN, HNH, HWH	3	9/16	1/8	362 BF 3CR GI	2C7742	2 STD
									1/8	126 RVT PC GI		
									1/8	860 FV CR		
										732 FV CR		
									1/4	501 1PCO PC GI		
				4 CYL	Sleeved Eng.	1010 Diesel From S/N 42000, 3 Ring Piston	3	5/8	3/32	362 BF 3CR GI	2C7155	4 STD
									3/32	126 RVT PC GI		
									3/16	501 1PCO PC GI		
										825 2PCO		

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
JOHN DEERE-TRACTORS												
				4 CYL 6 CYL		3010 4010 Gas	4.000	3/32 3/32 3/32 1/4 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C7113	2	STD
				2 CYL		40, 40C, 40S, 40 Crawler, 320, 330	4.000	3/32 3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7654	2	STD
				2 CYL		40, 40 Crawler, M, MC, MI, MT	4.000	5/32 5/32 1/8 1/4	362 BF 3CR GI 102 T PC GI 401 SCRP PC GI 860 FV CR 732 FV CR	2C7771	2	STD
				2 CYL		B, BI, BN, BO, BR, After S/N 32900 BW S/N 60000-201000	4 1/2	3/16 3/16 3/16 3/16	362 BF 3CR GI 102 T PC GI 102 T PC GI 501 1PCO PC GI 825 2PCO	2C7733 2C7733045 2C7733090	2	STD 1.13 2.25
				2 CYL		B, BN, BW, After S/N 200999	4 11/16	3/16 3/16 3/16 3/16 5/16	362 BF 3CR GI 102 T PC GI 102 T PC GI 401 SCRP PC GI 501 1PCO PC GI 825 2PCO	2C4965 2C4965045 2C4965090	2	STD 1.13 2.25
				2 CYL		A, AH, AI, AN, ANH, AO, AR, AW, AWH, Gen. Purp.; 60H, 60 Std.	5 1/2	1/4 1/4 1/4 1/4 1/4	362 BF 3CR GI 102 T PC GI 102 T PC GI 710 FV CR 732 FV CR 825 2PCO 501 1PCO PC GI	2C722	2	STD
				2 CYL		A, AO, AR, AN, AW, 60, Own 60	5 1/2	3/16 3/16 3/16 3/16 5/16	362 BF 3CR GI 102 T PC GI 401 SCRP PC GI 401 SCRP PC GI 501 1PCO PC GI 825 2PCO	2C7731 2C7731040 2C7731090	2	STD 1.00 2.25
				2 CYL		620, 620H, 620S, 6200, 630, 630H, 630S 6 Ring Piston	5 1/2	1/8 1/8 1/8 1/4 1/8 1/4	362 BF 3CR GI 102 T PC GI 102 T PC GI 501 1PCO PC GI 825 2PCO 102 T PC GI 501 1PCO PC GI	2C7940 2C7940045	2	STD 1.13
				2 CYL		R, Own R Diesel	5 3/4	1/8 1/8 1/8 1/8 1/8 1/4 1/8 1/4	362 BF 3CR GI 102 T PC GI 102 T PC GI 102 T PC GI 102 T PC GI 710 FV CR 732 FV CR 825 2PCO 501 1PCO PC GI	2C7784 2C7784125	2	STD 3.13
				2 CYL		70 Gas & LPG, Own 70	5 7/8	1/8 1/8 1/8 1/8 1/4	362 BF 3CR GI 102 T PC GI 102 T PC GI 102 T PC GI 501 1PCO PC GI 825 2PCO	2C7642 2C7642045 2C7642090 2C7642120	2	STD 1.13 2.25 3.00
				2 CYL		720, 720H, 720S, 730, 730H, 730S Gas	6.000	1/8 1/8 1/8 1/4 1/8 1/4	362 BF 3CR GI 102 T PC GI 102 T PC GI 401 SCRP PC GI 501 1PCO PC GI 501 1PCO PC GI	2C7998 2C7998045	2	STD 1.13

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
JOHN DEERE-TRACTORS												
				2 CYL		70D, 70DH, 70DS, 720D, 720DS To S/N 7214899	6	1/8	1/8	362 BF 3CR GI	2C7674	2 STD
				2 CYL		70 Gas or LPG 70, 70H, 70S			1/8	102 T PC GI	2C7674045	1.13
				2 CYL		80, 820 Diesel			1/8	102 T PC GI	2C7674120	3.00
						To S/N 8203099			1/4	501 1PCO PC GI		
									1/4	825 2PCO		
									1/4	501 1PCO PC GI		
				2 CYL		720D, 720DH, 720DS, 730D, 730H, 730DS	6	1/8	5/32	381 FKST CR DI	2C7690	2 STD
						From S/N 7214900			1/8	102 T PC GI		
				2 CYL		820 Diesel			1/8	102 T PC GI		
						From S/N 8203100;			1/4	501 1PCO PC GI		
						830, 840 Diesel			1/4	825 2PCO		
									1/4	501 1PCO PC GI		
1885	115	1.9 L	4 CYL	1010		Gas	3	1/2	3/32	032 BF PC GI	7119	4 STD
									3/32	126 RVT PC GI		
									3/32	126 RVT PC GI		
									3/16	860 FV CR		
										732 FV CR		
										362 BF 3CR GI	2C7119	4 STD
										126 RVT PC GI		
										126 RVT PC GI		
										860 FV CR		
										732 FV CR		
2376	145	2.4 L	4 CYL	2010		Gas	3	5/8	3/32	362 BF 3CR GI	2C7581	4 STD
				550, 660		Gas & Diesel			3/32	126 RVT PC GI		
				1010		To S/N 41999,			3/32	126 RVT PC GI		
				Sleeved Eng.		Diesel			3/16	860 FV CR		
						4 Ring Piston				732 FV CR		
2704	165	2.7 L	4 CYL			2010, To S/N 29018	3	7/8	3/32	363 BF CR GI	2C7118	2 STD
						Diesel			3/32	126 RVT PC GI		
									3/32	126 RVT PC GI		
									3/16	501 1PCO PC GI		
										825 2PCO		
2704	165	2.7 L	4 CYL			Diesel 2010,	3	7/8	3/32	363 BF CR GI	2C7158	2 STD
						From S/N 29019			3/32	126 RVT PC GI		
						3 Ring Piston			3/16	860 FV CR		
										732 FV CR		
3720	227	3.7 L	4 CYL	Sleeved Eng.		3020 Gas	4	1/4	3/32	363 BF CR GI	2C7675	2 STD
						JD500 Diesel			3/32	126 RVT PC GI	2C7675020	0.50
						4020 Gas			3/32	126 RVT PC GI	2C7675045	1.13
						JD600 Diesel			1/4	860 FV CR		
										732 FV CR		
3949	241	3.9 L	4 CYL			3020	4	1/4	3/32	363 BF CR GI	2C7236	2 STD
									3/32	126 RVT PC GI		
									3/16	860 FV CR		
										732 FV CR		
4425	270	4.4 L	4 CYL	Sleeved Eng.		3020 Gas	4	1/4	3/32	363 BF CR GI	2C7675	2 STD
						JD500 Diesel			3/32	126 RVT PC GI	2C7675020	0.50
						4020 Gas			3/32	126 RVT PC GI	2C7675045	1.13
						JD600 Diesel			1/4	860 FV CR		
										732 FV CR		
4670	285	4.7 L	2 CYL			F710, F725	74.00	1.20		398 BF CR S	2C5025	2 STD
						Models w/Kawasaki (twin)	2.913	1.20		126 RVT PC GI	2C5025010	0.25
								3.00		996 FV CR	2C5025020	0.50
										732 FV CR	2C5025030	0.75
											2C5025040	1.00
5244	320	5.2 L	2 CYL			F710, F725	74.00	1.20		398 BF CR S	2C5025	2 STD
						Models w/Kawasaki (twin)	2.913	1.20		126 RVT PC GI	2C5025010	0.25
								3.00		996 FV CR	2C5025020	0.50
										732 FV CR	2C5025030	0.75
											2C5025040	1.00
5326	325	5.3 L	2 CYL			F710, F725	74.00	1.20		398 BF CR S	2C5025	2 STD
						Models w/Kawasaki (twin)	2.913	1.20		126 RVT PC GI	2C5025010	0.25
								3.00		996 FV CR	2C5025020	0.50
										732 FV CR	2C5025030	0.75
											2C5025040	1.00

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
JOHN DEERE-TRACTORS												
5490	335	5.5 L	2 CYL			F710, F725 Models w/Kawasaki (twin)	74.00 2.913	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
5588	341	5.6 L	6 CYL		Sleeved Eng.	3020 Gas JD500 Diesel 4020 Gas JD600 Diesel	4	1/4 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7675 2C7675020 2C7675045	2	STD 0.50 1.13
5654	345	5.7 L	2 CYL			F710, F725 Models w/Kawasaki (twin)	74.00 2.913	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
5899	360	5.9 L	6 CYL			4020, 4230 Gas or LPG	4	1/4 3/32 3/16	363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7236	2	STD
6571	401	6.6 L	6 CYL			401DT Diesel 9000 Turbo	4.400	1/8 3/32 3/32 3/16	372 FKST CR DI 126 RVT PC GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7012	6	STD
6620	404	6.6 L	6 CYL		Sleeved Eng.	3020 Gas JD500 Diesel 4020 Gas JD600 Diesel	4	1/4 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7675 2C7675020 2C7675045	2	STD 0.50 1.13
6883	420	6.9 L	2 CYL		Sleeved Eng.	3020 Gas JD500 Diesel 4020 Gas JD600 Diesel	4	1/4 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7675 2C7675020 2C7675045	2	STD 0.50 1.13
7046	430	7.0 L	2 CYL		Sleeved Eng.	3020 Gas JD500 Diesel 4020 Gas JD600 Diesel	4	1/4 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7675 2C7675020 2C7675045	2	STD 0.50 1.13
7210	440	7.2 L	2 CYL			3020 Gas JD500 Diesel 4020 Gas JD600 Diesel	4	1/4 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7675 2C7675020 2C7675045	2	STD 0.50 1.13
KERMATH												
			4 CYL			IXV Sea Bird	3	1/4 1/8 3/16	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	5060 5060020 5060030 5060060 2C5060	4	STD 0.50 0.75 1.50 STD
			6 CYL			Herc. QXLD Prince	3	7/16 1/8 3/16 3/16	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C5263	6	STD
			4 CYL			Herc. OOB Sea Dog	3	3/4 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7669	4	STD
			4 CYL			Herc. OOC Sea Man	4.000	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C702	4	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
KERMATH												
				6 CYL		Herc. JXD Sea Rover	4.000	1/8 1/8 1/8 3/16	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4007	6	STD
KIA												
2011-19	998		1.0 L	3 CYL	G3LA	Ceed, Picanto, Rio, Stonic	71.00 2.795	1.00 1.20 2.00	398 BF CR S 406 N PC DI 987 FV GN SS 714 GN SS	2C4086 2C408625 2C408650	3	STD 0.25 0.50
2004-11	999		1.0 L	4 CYL	G4HC	Picanto For shallow grv pistons	66.00 2.598	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5802 2C580225 2C580250 2C580275 2C58002100	4	STD 0.25 0.50 0.75 1.00
1991-00	1138		1.1 L	4 CYL	B1	Pride	68.00 2.677	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
2011-18	1248		1.2 L	4 CYL	G4LA	Picanto, Rio	71.00 2.795	1.00 1.20 2.00	398 BF CR S 406 N PC DI 987 FV GN SS 714 GN SS	2C4068 2C406825 2C406850 2C4068100	4	STD 0.25 0.50 1.00
2010-16	1341		1.3 L	4 CYL	G4EA		71.50 2.815	1.20 1.20 2.00	398 BF CR S 435 SCRP PC GI 993 FV CR 005 FV CR	2C5389 2C538950 2C5389100	4	STD 0.50 1.00
2000-06	1493		1.5 L	4 CYL	A5D Mazda Eng DC DOHC	w/2.5mm oil grv	75.50 2.972	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
	1493		1.5 L	3 CYL	D3EA	Getz, Accent, Matrix Diesel Eng	83.00 3.268	2.00 2.00 3.00	213 FKST CC DI 223 RVT CR DI 204 CF CR DI 881 2PCO	2D7468	1	STD
2008-16	1591		1.6 L	4 CYL	G4FC, G4FJ GAMMA	Forte, Ray, Rio, Soul	77.00 3.031	1.20 1.20 2.00	398 BF CR S 435 SCRP PC GI 993 FV CR 005 FV CR	2C4504 2C450425 2C450450 2C4504100	4	STD 0.25 0.50 1.00
2003-05	1597		1.6 L	4 CYL	A6D DOHC	Rio	78.00 3.071	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
1994-04	1597		1.6 L	4 CYL	B6 SOHC/DOHC	Sephia, Shuma, Spectra	78.00 3.071	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
KIA												
1993-98	1597		1.6 L	4 CYL	B6D SOHC, DOHC	Sephia	78.00 3.071	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	4737 4737010 4737020 4737030 4737040 2C4737 2C4737010 2C4737020 2C4737030 2C4737040 2C4737060	4	STD 0.25 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00 1.50
2004-11	1599		1.6 L	4 CYL	G4ED Euro 4 DOHC	Cerato, Pride, Rio	76.50 3.012	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
2003-05	1599		1.6 L	4 CYL	G4ED DOHC	Rio	76.50 3.012	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
1994-97	1839		1.8 L	4 CYL		Incl. Turbo	83.00 3.268	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	STD 0.25 0.50 1.00 STD 0.25 0.50 0.75 1.00 1.50 STD
2005-10	1975		2.0 L	4 CYL	G4GF DOHC	w/2.0mm Oil Ring	82.00 3.228	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
2004-12	1991		2.0 L	4 CYL	D4EA	Carens , Cee'D, Sportage, Magenti Diesel Eng	83.00 3.268	2.00 2.00 3.00	213 FKST CC DI 223 RVT CR DI 204 CF CR DI 881 2PCO	2D7468	1	STD
1994-02	1998		2.0 L	4 CYL	FE	Sportage 2.0l	86.00 3.386	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 397 BF PM S 435 SCRPP PC GI 058 FV CR 732 FV CR 322 BF GN SS 126 RVT PC GI 987 FV GN SS 714 GN SS	5664 5664020 5664030 5664040 5664060 2C5664 2C5664010 2C5664020 2C5664030 2C5664040 2C5664060 2M5664 2M5664010 2M5664020 2M5664030 2M5664040 2M5664060 2N5664	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 STD
2012-16	1999		2.0 L	4 CYL	G4NA DOHC	Soul, Forte, Sportage, Optima NU Series	81.00 3.189	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
2000-05	2351		2.4 L	4 CYL	G4JS Vin:S	L4	86.50 3.405	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
KIA												
2006-15	2359		2.4 L	4 CYL	G4KC, G4KJ DOHC	Forte, Optima, Sportage	88.00 3.464	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
1999-On	2497		2.5 L	6 CYL	K5 DOHC	Carnival 24V	80.00 3.150	1.20 1.50 2.50	398 BF CR S 401 SCRP PC GI 995 FV CR 732 FV CR	2C5221 2C5221020	6	STD 0.50
2002-On	2497		2.5 L	4 CYL	D4CB Euro 4	Sorento I 2.5 CRDi Diesel Eng	91.00 3.583	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
2001-12	2656		2.7 L	6 CYL	G6BA DOHC	Amanthi, Cadenza, Magentis, Optima, Sportage	86.70 3.412	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
2007-15	2656		2.7 L	6 CYL	G6A5 DOHC	Kee, Opitma, Rondo, Sportage	86.70 3.413	1.20 1.20 2.00	398 BF CR S 435 SCRP PC GI 993 FV CR 732 FV CR	2C5384 2C538450	6	STD 0.50
1997-03	2665		2.7 L	4 CYL	J2 SOHC	K2700, Bongo, Pregio Diesel Eng	94.50 3.720	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
2008-19	3342		3.3 L	6 CYL	G6DB G6DG	Cadenza, Sorento	92.00 3.622	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
2011-15	3470		3.5 L	6 CYL	G6DC DOHC	Cadenza, Sedona	92.00 3.622	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
2002-06	3497		3.5 L	6 CYL	G6CU DOHC	V-6	93.00 3.661	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	STD 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00
2007-10	3778		3.8 L	6 CYL	DOHC	Amanti, Borrego, Sedona, Sorento	96.00 3.779	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
KOHLER												
			4 CYL			L654	2 5/8	3/32 3/32 3/16	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
			2 CYL			KT17 Twin, M-18	3 1/8	1/16 1/16 5/32	363 BF CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C6170	2	STD
			1 CYL			K301S K532S Use 2 sets	3 3/8	5/64 5/64 3/16	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
KOHLER												
				1 CYL		K321S K592 Use 2 sets	3 7/16	5/64 3/32 3/32 1/4	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 327 BF PM GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6677 6677020 6677030 6677060 2C6677 2C6677030 2C6677040 2M6677 2M6677040	4	STD 0.50 0.75 1.50 STD 0.75 1.00 STD 1.00
				1 CYL		K341	3 3/4	3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5311 2C5311020 2C5311030	1	STD 0.50 0.75
				2 CYL		CH 18, 20, 22; CV16, 18, 20, 22, Twins	77.00 3.031	1.50 1.50 3.00	335 T PM DI 401 SCRPP PC GI 054 FV CR 732 FV CR	2M4765	1	STD
				1 CYL		CH 22, 23 CH680	80.00 3.150	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 CYL		CH25, CH26, CH732, CH740, CH750, Twin CV25, CV26, CV730, CV740, CV750	83.00 3.268	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 CYL		Command Eng's. 11, 12 1/2, 14 H.P.	87.00 3.425	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
LADA												
1972-86	1198		1.2 L	4 CYL	BA3 2101,	1200, Samara1300	76.00 2.992	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 401 SCRPP PC GI 055 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 055 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 4 STD 0.25 0.40 0.50 0.60 0.75 0.80 1.00 1.50 1.60
1987-On	1300		1.3 L	4 CYL		Samara	76.00 2.992	1.50 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	4460 4460016 4460032 2C4460 2C4460016 2C4460020 2C4460032	4	STD 0.40 0.80 4 STD 0.40 0.50 0.80

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
LADA												
1972-04	1452		1.5 L	4 CYL	BA3 2103,BA3 21081 BA3 2103 (KAT)	Nova1500	76.00 2.992	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
2000-On	1499		1.5 L	4 CYL		Natacha, Sagona, Samara	82.00 3.228	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
1987-On	1500		1.5 L	4 CYL		Samara	82.00 3.228	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 CYL		2121 NIVA 4WD	79.00 3.110	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
1993-On	1800		1.8 L	4 CYL		Aleko	85.00 3.346	1.50 2.00 3.00	362 BF 3CR GI 401 SCRPP PC GI 054 FV CR 732 FV CR	2C9340	4	STD
1999-On	1905		1.9 L	4 CYL	XUD9SD	Diesel Eng	83.00 3.268	3.00 2.00 3.00	221 FKST CC DI 202 TTF PC DI 204 CF CR DI 881 2PCO	2D7351	1	STD
1993-On	1905		1.9 L	4 CYL	XUD9A	Diesel Eng	83.00 3.268	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
LAND ROVER												
1958-59				4 CYL		Land Rover Diesel Eng	3.375	3/32 3/32 3/32 3/16 3/16	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
1990-On	1120		1.1 L	4 CYL		Metro, L, S	75.00 2.953	1.20 1.50 3.00	398 BF CR S 435 SCRP PC GI 054 FV CR 732 FV CR	2C4962 2C4962020 2C4962030 2C4962040	4	STD 0.50 0.75 1.00
1991-01	1275		1.3 L	4 CYL	12 A2B, A Series A+ Series (12 A2D) A+ Series (12 A2E) A+ Series (12 H)	Mini, Mini 1300, Maestro, Mini Cooper	70.62 2.780	1.49 1.49 4.00	032 BF PC GI 406 N PC DI 200 CF PC GI 881 2PCO	5800 580050 5800100 5800150	4	STD 0.50 1.00 1.50
1991-01	1275		1.3 L	4 CYL	12 A2B, A Series A+ Series (12 A2D) A+ Series (12 A2E) A+ Series (12 H)	Mini, Mini 1300, Maestro, Mini Cooper	70.62 2.780	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
1990-On	1396		1.4 L	4 CYL	DOHC	Metro, GS, GTA, GTi, GLi, Si, SL, SLi,	75.00 2.953	1.20 1.50 3.00	398 BF CR S 435 SCRP PC GI 054 FV CR 732 FV CR	2C4962 2C4962020 2C4962030 2C4962040	4	STD 0.50 0.75 1.00
1995-05	1588		1.6 L	4 CYL	16 K4F (K Series)	25 1.6, 45, 200, 400	80.00 3.150	1.00 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C4623	2	STD
1995-05	1796		1.8 L	4 CYL	18 K4F, 18 K4K	25 1.8, 75 1.8, 200,400	80.00 3.150	1.00 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C4623	2	STD
1991-95	1905		1.9 L	4 CYL	XUD9A, XUD9B XUD9L, XUD9Y	218 D, 418 D/SD/SLD Diesel Eng	83.00 3.268	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
1999-07	1951		2.0 L	4 CYL	M 47 R	75 2.0 Turbo Diesel	84.00 3.307	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
1994-05	1994		2.0 L	4 CYL	20 T2R, 20 T2N	25, 45, 200, 400,600	84.45 3.325	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
2011-On	1999		2.0 L	4 CYL	204PT	Discovery, LR2, Range Rover Evoque	87.50 3.445	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR 326 TBF GN SS 126 RVT PC GI 993 FV CR 005 FV CR	2C5282 2C528250 2C528275 2C5282100 2N5282 2N528250	4	STD 0.50 0.75 1.00 STD 0.50
2011-17	1999		2.0 L	4 CYL	204PT	Discovery Sport, LR2, Evoque Range rover Velar	87.50 3.445	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C4150	4	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
LAND ROVER												
2006-On	2179		2.2 L	4 CYL	224DT	Land Rover LR2, Discovery Diesel Eng	85.00 3.346	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
1962-64	2250		2.3 L	4 CYL		Diesel Eng	3	9/16 3/32 3/32 3/16 3/16	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
1958-62	2250		2.3 L	4 CYL		Land rover Series II 88, 109, rover 80 4 Ring Piston	90.50 3.563	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
1958-81	2286		2.3 L	4 CYL 4 CYL 4 CYL	80	88, 109, 110 Gas Eng.	90.50 3.563	1.75 1.75 4.75	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	5928 2C5928 2C5928010 2C5928020 2C5928030 2C5928040	4	STD STD 0.25 0.50 0.75 1.00
1990-99	2392		2.4 L	4 CYL	HR 492 HT	800, 825 D/SD Diesel Eng	92.00 3.622	2.50 2.00 4.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
2007-On	2402		2.4 L	4 CYL	244DT (Duratorq)	Turbo Diesel	89.90 3.539	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
1986-98	2495		2.4 L	4 CYL	16 L, 17L, 19L, 23L (300 Tdi)	Defender, Discovery Diesel Eng	90.50 3.563	3.00 2.50 3.00	222 FKST CC DI 435 SCRPF PC GI 553 CF CR GI 881 2PCO	2D4513	4	STD
1984-On	2495		2.5 L	4 CYL	12J	90, 110 Diesel Eng	90.50 3.563	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
1998-04	2495		2.5 L	5 CYL	14 P/15 P, TD5 (10P)	Defender	84.45 3.325	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
1982-86	2500		2.5 L	4 CYL	492 4 SHIRG	Diesel Eng	92.00 3.622	2.50 2.00 4.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
1999-07	2926		2.9 L	6 CYL	M 57 D30	Turbo Diesel	84.00 3.307	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
2013-18	2995		3.0 L	6 CYL	306PS	Discovery, Range Rover, Range Rover Sport, Velar	84.50 3.327	1.20 1.20 2.00	398 BF CR S 610 RVT PC GI 993 FV CR 005 FV CR	2C5303	6	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
LAND ROVER												
1969-73	3500		3.5 L	8 CYL	11 D, 24 D, 25 D 30 A, 31 A, 38 A	2000- 3500 Range Rover Vogue	3 1/2	5/64 5/64 3/16	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	STD 0.75 1.00 1.50 8 0.25 0.50 0.75 1.00 8 0.75 1.00
1977-89	3528		3.5 L	8 CYL		SD1 Range Rover	88.90 3.500	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	STD 0.50 0.75 8 0.50 0.75
1988-98	3950		4.0 L	8 CYL	35D, 36D, 37D, 38D	Land Rover EFI, Vogue	94.00 3.701	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
1994-02	4000		4.0 L	8 CYL	42D	Land Rover V-8	94.00 3.701	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
2006-09	4197		4.2 L	8 CYL	428PS	Range Rover III Range Rover Sport	86.00 3.386	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C5302	8	STD
1993-95	4250		4.3 L	8 CYL	40D	Land Rover EFI, Vogue	94.00 3.701	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
2006-09	4394		4.4 L	8 CYL	Vin:5 Jaguar Eng.		88.00 3.464	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C4437	8	STD
2003-05	4398		4.4 L	8 CYL	M62 BMW Eng.	Alusil bore use 2C5296	92.00 3.622	1.50 1.50 2.00	363 BF CR GI 401 SCRP 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
1994-02	4600		4.6 L	8 CYL	46D	Land Rover V-8	94.00 3.701	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
2009-18	4999		5.0 L	8 CYL	LR-V8	Discovery, Defender Range Rover Sport	92.50 6.642	1.20 1.50 2.00	398 BF CR S 401 SCRP PC GI 991 FV CR 005 FV CR	2C4147 2C4147020	8	STD 0.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
LEROI												
				4 CYL		D133	3	1/4	1/8 1/8 3/16 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	5060 5060020 5060030 5060060 2C5060	4	STD 0.50 0.75 1.50 4 STD
				4 CYL		D176	3	3/4	1/8 1/8 1/8 3/16 860 FV CR 732 FV CR	2C7669	4	STD
				4 CYL		D201, D226	4.000	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C702	4	STD
				1 CYL		300 Low Pressure Cyl.	4.000	1/8 1/8 1/8 3/16	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 501 1PCO PC GI	5678	1	STD
				1 CYL 1 CYL		400 Low Pressure Cyl. 880A High Pressure Cyl.	4	1/2 1/8 1/8 3/16	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 501 1PCO PC GI	2C5683	1	STD
LEXUS												
2011-15	1798	110	1.8 L	4 CYL	2ZR-FE DOHC Toyota Eng.	1.5 mm Oil Grv.	80.50 3.169	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
2010-12	2362		2.4 L	4 CYL	2AZ-FXE DOHC	HS	88.50 3.484	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
1990-91	2507		2.5 L	6 CYL	2VZFE	ES250	87.50 3.445	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
1992-93	2959		3.0 L	6 CYL	3VZ-F, 3VZFE	ES300	87.50 3.445	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 6 STD 0.25 0.50 0.75 1.00
1994-05	2959		3.0 L	6 CYL	1MZFE	ES300	87.50 3.445	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
1992-06	2997		3.0 L	6 CYL	2JZGE, 2JZGTE	GS300, SC300	86.00 3.386	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
2004-08	3310		3.3 L	6 CYL	3MZFE DOHC	ES, RX	92.00 3.622	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
2007-12	3456		3.5 L	6 CYL	2GRFE DOHC	ES350, GS350, GS450, RX350	94.00 3.701	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
LEXUS												
1990-00	3969		4.0 L	8 CYL	1UZFE	LS400, SC400	87.50 3.445	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
2001-10	4293		4.3 L	8 CYL	3UZFE DOHC 32V	GS430, LS430	91.00 3.582	1.20 1.20 3.00	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR	2C4561	8	STD
1996-97	4477		4.5 L	6 CYL	1FZFE	LX450	100.00 3.937	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
2007-20	4608		4.6 L	8 CYL	1URFE	GX460	94.00 3.701	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
2004-09	4663		4.7 L	8 CYL	2UZFE DOHC	LX470	94.00 3.701	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
1999-06	4663		4.7 L	8 CYL	2UZFE	LX470	94.00 3.701	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
2008-14	5663		5.7 L	8 CYL	3URFE DOHC	LX	94.00 3.701	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
M.G.												
			4 CYL			TC, TD w/Covmo Piston #12387	2.718	1/16 1/16 5/32	102 T PC GI 102 T PC GI 058 FV CR 732 FV CR	6893	4	STD
1963-66	1098		1.1 L	4 CYL		1100 MG-Midget, MK II	2.542	1/16 1/16 1/16 1/8	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
									362 BF 3CR GI 032 BF PC GI 401 SCRP PC GI 710 FV CR 732 FV CR	2C6742 2C6742010 2C6742020 2C6742030 2C6742040 2C6742060	4	STD 0.25 0.50 0.75 1.00 1.50
1967-73	1275		1.3 L	4 CYL		Midget, MK11, 1300A A+ Series MG Metro	70.62 2.780	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
1967-74	1275		1.3 L	4 CYL		Midget Mark III, 1300 Hepolite Piston 20394, 20747, 20814	2.780	1/16 1/16 1/16 5/32	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
									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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
M.G.												
1956-61	1489		1.5 L	4 CYL		A' Series Midget, Magnetite ZA, Mark III, MGA 1500	2 7/8	1/16 1/16 1/16 5/32	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
1975-79	1500		1.5 L	4 CYL		Midget Mark III	2.900	1/16 1/16 5/32	102 T PC GI 401 SCRP 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
									362 BF 3CR GI 401 SCRP PC GI 058 FV CR 732 FV CR	2C6840 2C6840020 2C6840030 2C6840040	4	STD 0.50 0.75 1.00
1963-71	1798		1.8 L	4 CYL		MGB Series, High Comp. 4 Ring Piston	3.160	1/16 1/16 1/16 5/32	102 T PC GI 102 T PC GI 102 T PC GI 056 FV CR 732 FV CR	6738 6738030	4	STD 0.75
1971-81	1798		1.8 L	4 CYL		MG, MGB, MGB/GT 18V Hepolite Piston 3 Ring Piston	3.160	1/16 1/16 5/32	102 T PC GI 102 T PC GI 056 FV CR 732 FV CR	9526 9526030	4	STD 0.75
MAN												
1982-97	5687		5.7 L	6 CYL		D 0226 MC,D 0226 MCE,D 0226 N 8T-SERIES, 9T-SERIES, 12T-SERIES, D 0226 MK,D 0226 MKE,D 0226 M M 90, 14T-SERIES D 0226 MKFA,D 0226 MKFO,D 02: 16T-SERIES, 17T-SERIES D 0226 ML,D 0226 MLE,D 0226 M Diesel Eng. D 0226 MTE,D 0226 MTE 51, D 0226 MTXE 51	102.00	3.00 2.50 4.00	250 FKST BF CR GI 035 TF PC GI 553 2PCO CR GI	2D7098		STD
MASSEY-FERGUSON-BALERS, REAPERS & THRESHERS												
			6 CYL			21, 21A Piston #954800	3 1/4	3/32 3/32 5/32 5/32	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	144 144040 144060	6	STD 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C144	6	STD
			6 CYL			21, 21A , T112	3 1/4	1/8 1/8 1/8 3/16	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
			4 CYL	VF4		Wis. No.1 Late S.P. Baler	3 1/4	3/32 3/32 3/32	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	4215 4215020 4215040	4	STD 0.50 1.00
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4215	4	STD
			6 CYL			120 20, 21, 21A Piston #974084	3 3/8	3/32 3/32 5/32	362 BF 3CR GI 102 T PC GI 860 FV CR 732 FV CR	2C438 2C438020 2C438030	6	STD 0.50 0.75
								5/32	501 1PCO PC GI			

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MASSEY-FERGUSON-BALERS, REAPERS & THRESHERS												
				6 CYL		201 Repl. Eng. 27	3	7/16	3/32 3/32 5/32 5/32	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	6 STD
										2C445	6	STD
MASSEY-FERGUSON-COMBINES												
				6 CYL		30 Eng. Chry. Ind. 72, 82 Cont. Eng. 82, 92	3	1/4	3/32 3/32 5/32 5/32	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	6 STD 1.00 1.50
										2C144	6	STD
				4 CYL	VF4	Wis. 50 P.T. Swather	3	1/4	3/32 3/32 3/32 3/16	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	4 STD 0.50 1.00
										2C4215	4	STD
				4 CYL	FC	WAUKESHA Eng. 15, 17	3	1/4	1/8 1/8 3/16	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	5060 5060020 5060030 5060060	4 STD 0.50 0.75 1.50
										2C5060	4	STD
				4 CYL	AD4.203	Perkins MF300 For Late Piston Diesel Eng Chrome Slv use 7140 only	3.601		3/32 3/32 1/8 1/4 1/4	103 T PC DI 103 T PC DI 103 T PC DI 502 1PCO PC DI 502 1PCO PC DI	7140	1 STD
				6 CYL		14 Diesel Eng	3	3/4	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5028	6 STD
				4 CYL		11, 12	4.000		1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C702	4 STD
	2786	170	2.8 L	6 CYL		Chry. Ind. MF205 H225 Gas Chry. Ind. MF300	3.400		5/64 5/64 3/16	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	6 STD 0.50 0.75 1.00 1.50
										2C687	6	STD
										2C687020 2C687030 2C687040 2C687060		0.50 0.75 1.00 1.50
										2M687	6	STD
										2M687030 2M687040 2M687060		0.75 1.00 1.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MASSEY-FERGUSON-COMBINES												
4343	265	4.3 L	6 CYL			Chry. Ind. 92, Super 92	3	7/16	3/32 3/32 5/32 5/32	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
4785	292	4.8 L	6 CYL			Chev. 410	3	7/8	3/32 3/32 3/16	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
5359	327	5.4 L	8 CYL			Chev. 510	4.000	5/64 5/64 3/16	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-INCREASED BORE SLEEVE												
			4 CYL			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	3	1/4	3/32 3/32 5/32 5/32	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	7582	4 STD
										362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C7582	4 STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE	
MASSEY-FERGUSON-INCREASED BORE SLEEVE													
				4 CYL		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	3	5/16	3/32 3/32 5/32 5/32	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	7537	4	STD
				4 CYL		Continental Z129, Z134 Engs. Conversion; Continental TO30, Z134 Engs. Overbore Conversion MH50, to 35 Allied Slv Kit #WSA313 Perfect Circle #WSA313	3	3/8	3/32 1/8 1/8 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7207	4	STD
				4 CYL		Continental Z129, Z134 Engs Ertel Slv Kit #SA214 White Machine #G243HCH Genuine Parts #S105, SA327 McQuay Norris Kit #SA201 M & W Slv Kit #SP23 Sealed Power Kit #SL1762 Thompson Slv Kit #SA185	3	3/8	3/32 3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7671	4	STD
				4 CYL		Continental Z129, Z134 Engs Ertel Slv Kit #SA214 White Machine #G243HCH Genuine Parts #S105, SA327 McQuay Norris Kit #SA201 M & W Slv Kit #SP23 Sealed Power Kit #SL1762 Thompson Slv Kit #SA185	3	3/8	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7762	4	STD
				4 CYL		Continental H260 Eng. M & W Slv Kit #SP11 Allied Slv Kit #WSA327 Genuine Parts #S147, S148 McQuay Norris Kit #SA194 Permite Slv Kit #CSA237 Sealed Power Kit #SL1774 Thompson Slv Kit #SA177 White Machine #G208RHCH Piston A 1065	4.000		3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7795	4	STD
				4 CYL		Continental H260 Eng. M & W Slv Kit #SP11 Allied Slv Kit #WSA327 Genuine Parts #S147, S148 McQuay Norris Kit #SA194 Permite Slv Kit #CSA237 Sealed Power Kit #SL1774 Thompson Slv Kit #SA177 White Machine #G208RHCH Piston A 1065	4.000		3/32 3/32 1/8 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7997	4	STD
MASSEY-FERGUSON-TRACTORS													
				4 CYL	N62 Continental Eng.	Pony	2	3/8	3/32 3/32 3/16	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
				4 CYL	F124 Continental Eng.	20, 21 Colt, Cont. 81	3.000	1/8 1/8 1/8 1/4	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MASSEY-FERGUSON-TRACTORS												
				6 CYL	S137 Repl.	101 Super	3	1/4	3/32 3/32 5/32 5/32	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	144 144040 144060	6 1.00 1.50
										362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C144	6 STD
				6 CYL	D504-6	101S Tractor	3	1/4	1/8 1/8 1/8 3/16	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	4072 4072020 4072060	6 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
				4 CYL	Z129 Continental Eng.	TO30	3	1/4	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7789	4 STD
				4 CYL	Z134 Continental Eng. Sleeved Eng.	F40, 50, MF35, 50, 202, 204, 2135, 2200, MH50, TO35	3	5/16	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7578	4 STD
				4 CYL	Z145 Continental Eng.	MF135G, MF150G	3	3/8	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7762	4 STD
				4 CYL	AG4-212	Perkins MF30G, MF165G	3.877		3/32 3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 871 FV CR 732 FV CR	2C7243	4 STD
				4 CYL		15-22, GI, GP	4.000		1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C702	4 STD
				4 CYL	Sleeved Eng.	44 Series Gas, Dist. & Diesel Eng w/Superior A1065 Piston	4.000		3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7795	4 STD
MAZDA												
1968-74	1000		1.0 L	4 CYL	PB		68.00 2.677	2.00 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 058 FV CR 732 FV CR	4277	4	STD
1968-76	1169		1.2 L	4 CYL	TB	200	70.00 2.756	2.00 2.00 4.00	362 BF 3CR GI 401 SCRPP PC GI 058 FV CR 732 FV CR	2C6880	4	STD
1970-78	1200		1.2 L	4 CYL		1300	73.00 2.874	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MAZDA												
2007-On	1240		1.2 L	4 CYL	CR12DE	Familia	71.00 2.815	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
1996-03	1242		1.2 L	4 CYL	DHF, DHG	121 III	71.90 2.819	1.20 1.50 2.50	398 BF CR S 435 SCRPP PC GI 989 FV CR 732 FV CR	2C5637	4	STD
1970-84	1272		1.3 L	4 CYL	TC	Familia/Familia Presto/Mazda 1300	73.00 2.874	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
1981-86	1296		1.3 L	4 CYL	E3, Gasoline	Familia, GLC	77.00 3.031	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
1996-03	1299		1.3 L	4 CYL	J4R, J4T JJA, JJK, JJM	121 III 1.3	74.00 2.913	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 2C4988 2C4988010 2C4988020 2C4988030 2C4988040	4	STD 0.50 1.00 STD 0.25 0.50 0.75 1.00
	1300		1.3 L	4 CYL	Vin T	Mini Mizer; 818	73.00 2.874	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
1988-99	1323		1.3 L	4 CYL	B3 SOHC	Familia, Demio	71.00 2.795	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
2003-15	1349		1.3 L	4 CYL	ZJ-VE	Mazda 2, Mazda 3	74.00 2.913	1.00 1.00 2.00	398 BF CR S 123 RVT PC DI 990 FV CR 732 FV CR	2C4159 2C415950	4	STD 0.50
2003-07	1399		1.4 L	4 CYL	F6JA, F6JB	2 1.4 CD Turbo Diesel	73.70 2.902	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
1978-80	1415		1.4 L	4 CYL	UC	GLC	77.00 3.031	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	6134 6134010 6134020 6134024 6134030 6134032 6134040 6134060 2C6134 2C6134010 2C6134020 2C6134030 2C6134040	4	STD 0.25 0.50 0.60 0.75 0.80 1.00 1.50 STD 0.25 0.50 0.75 1.00

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MAZDA												
1971-On	1484		1.5 L	4 CYL	UA		75.00 2.953	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
1971-On	1484		1.5 L	4 CYL	UA	Shallow Oil Ring Grv.	75.00 2.953	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
1966-73	1490		1.5 L	4 CYL	UB SOHC	Mazda Luce 1500 Capella	78.00 3.071	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
1981-85	1490		1.5 L	4 CYL	E3, E5	GLC, 1500 After Jan 82	77.00 3.031	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 058 FV CR 732 FV CR	2N6175	4	STD
1980-86	1490		1.5 L	4 CYL	E5	GLC	77.00 3.031	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
1995-98	1498		1.5 L	4 CYL	Z5	Protege	75.30 2.964	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
2003-15	1498		1.5	4 CYL	ZY-DE, ZY-VE, ZY05, ZY66	Mazda 2, Mazda 3	78.00 3.071	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5310 2C531050 2C531075	4	STD 0.50 0.75

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MAZDA												
1972-77	1586		1.6 L	4 CYL	NA	B1600	78.00	1.50	032 BF PC GI	4265	4	STD
1988-95	1597		1.6 L	4 CYL	B6, B6-ME, B6-ZE	323, Miata	3.071	1.50 4.00	126 RVT PC GI 058 FV CR 732 FV CR	4265010 4265020 4265030 4265040 4265060		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
	1587		1.6 L	4 CYL		626 EXPORT ONLY	81.00 3.189	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	4665 4665020 4665030 4665040 4665060	4	STD 0.50 0.75 1.00 1.50
									363 BF CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C4665 2C4665020 2C4665030	4	STD 0.50 0.75
1990-94	1597		1.6 L	4 CYL	B6Y2	MX-3	78.00 3.071	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
1983-93	1597		1.6 L	4 CYL	F6	323, B1600 Shallow Oil Grv.	81.00 3.189	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
1999-On	1597		1.6 L	4 CYL	ZL DOHC	16 Valve, Protege	78.00 3.071	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
1996-03	1753		1.8 L	4 CYL	RTJ, RTK SOHC	Mazda 121 III Diesel Eng	82.50 3.248	2.00 2.00 3.00	217 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2C7538	1	STD
1973-84	1769		1.8 L	4 CYL	VC	B1800, Cosmo, Luce	80.00 3.150	2.00 2.00 4.00	032 BF PC GI 401 SCRP PC GI 056 FV CR 732 FV CR	6761 6761020 6761030 6761040 6761060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C6761 2C6761020 2C6761030 2C6761040	4	STD 0.50 0.75 1.00

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MAZDA												
1987-92	1789		1.8 L	4 CYL	F8	626	86.00 3.386	1.50 1.50 4.00	032 BF PC GI 435 SCRP 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 SCRP 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
									397 BF PM S 435 SCRP 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
1968-79	1796		1.8 L	4 CYL	VB OHC-4	Luce, B1800	78.00 3.071	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
1972-78	1797		1.8 L	4 CYL	VB	618, B1800	78.00 3.071	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
1990-05	1839		1.8 L	4 CYL	BP, BP01, BP05-VE Vin. 6, P DOHC, SOHC	323, Miata Protégé Incl. Turbo	83.00 3.268	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	4651 4651010 4651020 4651040	4	STD 0.25 0.50 1.00
									376 BF CR DI 126 RVT PC GI 054 FV CR 732 FV CR	2C4651 2C4651010 2C4651020 2C4651030 2C4651040 2C4651060	4	STD 0.25 0.50 0.75 1.00 1.50
									326 TBF GN SS 435 SCRP PC GI 987 FV GN SS 714 GN SS	2N4651	4	STD
	1839		1.8 L	4 CYL		323 Race	83.00 3.268	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
1993-03	1839		1.8 L	4 CYL	FP DOHC	323 Astina, 626, Capella, Protege	83.00 3.268	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MAZDA												
1992-97	1845		1.8 L	6 CYL	K8	MX-3	75.00 2.953	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
1979-82	1970		2.0 L	4 CYL		626 8V L4	80.00 3.150	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
1982-84	1970		2.0 L	4 CYL		626 8V L4	80.00 3.150	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
1977-85	1970		2.0 L	4 CYL	MA	B2000, Cosmo, Luce	80.00 3.150	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
	1985		2.0 L	4 CYL	VA	Forklift	82.00 3.228	2.00 2.00 4.50	032 BF PC GI 126 RVT PC GI 870 FV CR 732 FV CR	4630	4	STD
1993-03	1991		2.0 L	4 CYL	FS, FP DOHC	MX6, 626	83.00 3.268	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
1993-06	1991		2.0 L	4 CYL	FS DOHC	626, MX-6, Protégé	83.00 3.268	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
1991-03	1995		2.0 L	6 CYL	KF DOHC	Mx-6, 323f Zxi, 626 LX	78.00 3.071	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 996 FV CR 732 FV CR	5289 5289020 5289040	6	STD 0.50 1.00
									363 BF CR GI 126 RVT PC GI 996 FV CR 732 FV CR	2C5289 2C5289020 2C5289040	6	STD 0.50 1.00
1983-97	1998		2.0 L	4 CYL	RF, RF46 RF83	626, Spectron Diesel Eng	86.00 3.386	2.00 2.00 3.00	335 T PM DI 435 SCRPP PC GI 553 CF CR GI 881 2PCO	2D4989 2D498950	4	STD 0.50
1992-97	1998		2.0 L	4 CYL	RF55	626 Diesel Eng	86.00 3.386	2.00 2.00 4.00	336 T PM DI 435 SCRPP PC GI 553 CF CR GI 881 2PCO	2D4210	4	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MAZDA												
1984-06	1998		2.0 L	4 CYL	FE	626, 929, B-Serie, E2000	86.00	1.50	032 BF PC GI	5664	4	STD
							3.386	1.50	435 SCRP PC GI	5664020		0.50
								4.00	058 FV CR	5664030		0.75
									732 FV CR	5664040		1.00
										5664060		1.50
									362 BF 3CR GI	2C5664	4	STD
									435 SCRP PC GI	2C5664010		0.25
									058 FV CR	2C5664020		0.50
									732 FV CR	2C5664030		0.75
										2C5664040		1.00
										2C5664060		1.50
									397 BF PM S	2M5664	4	STD
									435 SCRP PC GI	2M5664010		0.25
									058 FV CR	2M5664020		0.50
									732 FV CR	2M5664030		0.75
										2M5664040		1.00
										2M5664060		1.50
1984-99	2184		2.2 L	4 CYL	R2	B Serie, E Serie, Spectron	86.00	2.00	336 T PM DI	2D4210	4	STD
						Diesel Eng	3.386	2.00	435 SCRP PC GI			
								4.00	553 CF CR GI			
									881 2PCO			
1988-93	2184		2.2 L	4 CYL	F2, F2L1	626	86.00	1.50	032 BF PC GI	5664	4	STD
							3.386	1.50	435 SCRP PC GI	5664020		0.50
								4.00	058 FV CR	5664030		0.75
									732 FV CR	5664040		1.00
										5664060		1.50
									362 BF 3CR GI	2C5664	4	STD
									435 SCRP PC GI	2C5664010		0.25
									058 FV CR	2C5664020		0.50
									732 FV CR	2C5664030		0.75
										2C5664040		1.00
										2C5664060		1.50
									397 BF PM S	2M5664	4	STD
									435 SCRP PC GI	2M5664010		0.25
									058 FV CR	2M5664020		0.50
									732 FV CR	2M5664030		0.75
										2M5664040		1.00
										2M5664060		1.50
1995-02	2255		2.3 L	6 CYL	KJ	Millenia	80.30	1.50	032 BF PC GI	4918	6	STD
							3.161	1.50	401 SCRP PC GI	4918020		0.50
								3.00	054 FV CR	4918030		0.75
									005 FV CR	4918040		1.00
									363 BF CR GI	2C4918	6	STD
									401 SCRP PC GI	2C4918020		0.50
									054 FV CR	2C4918030		0.75
									005 FV CR	2C4918040		1.00
2006-12	2261		2.3 L	4 CYL	L3-VDT DOHC	Mazda 3, 6, CX7 MZR 16V Duatac 23 w/Turbo	87.50	1.50	397 BF PM S	2M5168	4	STD
							3.445	1.50	126 RVT PC GI	2M5168020		0.50
								2.00	993 FV CR	2M5168030		0.75
									005 FV CR	2M5168040		1.00
1994-97	2300		2.3 L	4 CYL		B2300 Pickup	96.00	1.50	032 BF PC GI	5761	4	STD
							3.779	1.50	126 RVT PC GI	5761020		0.50
								4.00	870 FV CR	5761030		0.75
									732 FV CR	5761040		1.00
										5761060		1.50
									362 BF 3CR GI	2C5761	4	STD
									126 RVT PC GI	2C5761020		0.50
									870 FV CR	2C5761030		0.75
									732 FV CR	2C5761040		1.00
										2C5761060		1.50
									327 BF PM GI	2M5761	4	STD
									126 RVT PC GI	2M5761020		0.50
									870 FV CR	2M5761030		0.75
									732 FV CR	2M5761040		1.00
										2M5761060		1.50
1999-02	2495		2.5 L	6 CYL	GY-DE	MPV II	81.60	1.20	398 BF CR S	2C5160	6	STD
							3.212	1.50	126 RVT PC GI	2C5160020		0.50
								3.00	054 FV CR	2C5160030		0.75
									732 FV CR	2C5160040		1.00

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MAZDA												
1993-02	2497		2.5 L	6 CYL	KL	626, MX-6, Millenia	84.50 3.327	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	4750 4750020 4750030 4750040 2C4750 2C4750020 2C4750030 2C4750040	6	STD 0.50 0.75 1.00 6 0.50 0.75 1.00
1995-10	2499		2.5 L	4 CYL	WL-T Diesel Engine	B Series, E Series, MPV	93.00 3.661	2.50 2.00 3.00	215 TBF CR DI 257 TF CR DI 553 CF CR GI 881 2PCO	2D5308 2D530850 2D5308100	4	STD 0.50 1.00
2006-15	2499		2.5 L	4 CYL	WL, WLAA	B Serie, BT-50 Diesel Eng	93.00 3.661	2.00 1.50 2.00	326 TBF GN SS 236 TF CR DI 203 CF GN SS 881 2PCO	2D7277	4	STD
1998-01	2507		2.5 L	4 CYL		B2500 SOHC	96.00 3.779	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 4 0.50 0.75 1.00 1.50
1987-88	2555		2.6 L	4 CYL	M1 CARB	B2600 Pickup	91.10 3.587	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 4 0.25 0.50 0.75 1.00 1.50
1989-94	2605		2.6 L	4 CYL	G6	B2600i, MPV Truck	92.00 3.622	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 4 0.25 0.50 0.75 1.00 4 0.25 0.50 0.75 1.00 1.50
1988-97	2954		3.0 L	6 CYL	JE	929, MPV	90.00 3.543	1.50 1.50 4.00	363 BF CR 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	2C4679 2C4679020 2C4679030 2C4679040 2M4679 2M4679020 2M4679030	6	STD 0.50 0.75 1.00 6 0.50 0.75
2001-08	2967		3.0 L	6 CYL	AJ-DE DOHC	Mazda 6, MPV	89.00 3.504	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MAZDA												
	2977		3.0 L	4 CYL	HA	Titan E3000 WE, WOF1 Diesel Eng	95.00 3.740	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
1994-07	2986	182	3.0 L	6 CYL	VULCAN Vin. U, V DOHC	B3000 Pickup	89.00 3.504	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	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
1991-07	4016		4.0 L	6 CYL	XS	Navajo, B4000 SOHC	100.40 3.953	1.60 1.75 3.50	032 BF PC GI 126 RVT PC GI 874 FV CR 732 FV CR 335 T PM DI 126 RVT PC GI 874 FV CR 732 FV CR	4627 4627020 4627030 4627040 4627060 2M4627 2M4627010 2M4627020 2M4627030 2M4627040 2M4627060	6	STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
	4052		4.1 L	6 CYL	ZB	Forklift,	3	5/8 3/32 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	563 563020 563030	6	STD 0.50 0.75
MERCEDES-BENZ												
				4 CYL		190D Mahle Piston	87.00 3.425	1.50 1.50 2.50 4.00	362 BF 3CR GI 102 T PC GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C4542 2C4542010 2C4542020 2C4542030 2C4542040	4	STD 0.25 0.50 0.75 1.00
1980-On				4 CYL	M102 E 20, M102 V 20	109, 190E, 200T M102	89.00 3.504	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
				6 CYL	OM 360, OM 360 A, OM 360 H	Diesel Eng	115.00 4.527	3.50 3.00 5.50	361 FKST CR DI 401 SCRP PC GI 565 CF CR GI 881 2PCO	2C5603	6	STD
1998-On	599		0.6 L	3 CYL	M160 E6AL B03, M160 E6AL B04	Smart 600	63.50 2.500	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
2004-On	799		0.8 L	3 CYL	OM660.940 OM660.950	Diesel Eng.	65.50 2.579	1.50 1.50 2.50	201 BF GN SS 202 TTF PC DI 248 CF CR 881 2PCO	2D7448	1	STD
2004-12	1498		1.5 L	4 CYL	M 266.920	A Class, B Class	83.00 3.268	1.20 1.75 2.00	322 BF GN SS 406 N PC DI 987 FV GN SS 714 GN SS	2N4055	4	STD
1997-04	1598		1.6 L	4 CYL	M 166.940, M 166.960 M 166.961	A-Class, Vaneo 1.6	80.00 3.150	1.20 1.75 3.00	322 BF GN SS 275 TF CR DI 996 FV CR 732 FV CR	2N4138	4	STD
1998-05	1689		1.7 L	4 CYL	OM668.942 OM668.941 OM668.940 OM668.914 DOHC	A-Class, Vaneo Diesel Eng.	80.00 3.150	2.00 2.00 3.00	212 TBF CC DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2D7352	1	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MERCEDES-BENZ												
2004-12	1699		1.7 L	4 CYL	M 266.940	A Class, B Class	83.00 3.268	1.20 1.75 2.00	322 BF GN SS 406 N PC DI 987 FV GN SS 714 GN SS	2N4055	4	STD
2003-10	1796		1.8 L	4 CYL	M 271.942 (M271 DE18)	C Class, CLK	82.00 3.228	1.20 1.50 2.50	322 BF GN SS 126 RVT PC GI 987 FV GN SS 714 GN SS	2N4129	4	STD
1993-00	1799		1.8 L	4 CYL	M 111, M 111.920, M 111.921	C 180, C Class	85.30 3.358	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
1983-95	1978		1.9 L	4 CYL	OM601.911, OM601.912	190 D 2.0	87.00 3.425	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
1965-80	1988		2.0 L	4 CYL	M115.923, M115.926 M115.938, M115.939	/8 200, Heckflosse 200 Saloon 200	87.00 3.425	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
1966-79	1988		2.0 L	4 CYL	OM615.915, OM615.940, OM615.961, OM615.963 OM615.965, OM615.968 OM615.969, OM615.970	Saloon 200 D, Series 206 100 Bus,2000 D, 100 Box 2.0 D, 100 Bus 2.0 D	87.00 3.425	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 4 STD 0.50 0.75 1.00	
2004-12	1991		2.0 L	4 CYL	OM 639.939 Euro 4 OM 640.940 OM 640.941	A160, A180, A200, B180, B200 Diesel Eng	83.00 3.268	2.00 2.00 2.00	220 TBF PM DI 126 RVT PC GI 248 CF CR 881 2PCO	2M7382	1	STD
2004-12	2034		2.0 L	4 CYL	M 266.960	A Class, B Class	83.00 3.268	1.20 1.75 2.00	322 BF GN SS 406 N PC DI 987 FV GN SS 714 GN SS	2N4055	4	STD
1968-77	1988		2.0 L	4 CYL	OM615.913	8 200 D 3 Ring Piston Diesel Eng	87.00 3.425	3.00 2.00 4.00	363 BF CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C9506	4	STD
1992-02	1998		2.0 L	4 CYL	M111.957	E200, CLK200, C200	89.90 3.539	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
2007-13	2143		2.1 L	4 CYL	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,	A-Class, B-Class, CLA, Viano, C-Class C,E-Class, GLK-Class, M-Class, S-Class, SLK Turbo Diesel	83.00 3.268	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
1997-09	2148		2.1 L	4 CYL	OM611LA,OM611.960 OM646.811, OM646.820	C-Class, E-Class, Sprinter 3,Vito Box Diesel Eng.	88.00 3.464	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
1993-On	2155		2.2 L	4 CYL	OM604 D	C 220, E 220 Diesel Eng	89.00 3.504	2.50 2.00 3.00	244 TBF CR DI 229 TTF PC DI 204 CF CR DI 881 2PCO	2C7292	1	STD
1993-On	2155		2.2 L	4 CYL	OM604 D	C 220, E 220 Diesel Eng	89.00 3.504	2.50 2.00 3.00	244 TBF CR DI 229 TTF PC DI 204 CF CR DI 881 2PCO	2C7292	1	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MERCEDES-BENZ												
1992-96	2199		2.2 L	4 CYL	M111.960	E220, C220, W202	89.90 3.539	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
1968-On	2197		2.2 L	4 CYL	M115.900	220/8 3 Ring Piston	87.00 3.425	2.00 2.50 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	4320 4320040 4320020	4	STD 1.00 1.00
									362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C4320 2C4320040	4	STD 1.00
1973-96	2197		2.2 L	4 CYL	OM615, OM615.911, OM615.917, OM615.941 OM615.918, OM615.936 OM615.937, OM615.939	Henschel 2-T 206 T2/L, Unimog, Series F 20	87.00 3.425	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
1968-80	2197		2.2 L	4 CYL	OM615.910, OM615.912 OM615.914, OM615.916 OM615.930, OM615.932	O 309 O 309 D, /8 200 D 3 Ring Piston Diesel Eng	87.00 3.425	3.00 2.00 4.00	363 BF CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C9506	4	STD
1968-76	2292		2.3 L	6 CYL	M180.954	230.6	81.75 3.218	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
1995-06	2295		2.3 L	4 CYL	M161.971, M111.984, M111.981, M111.982, M111.980, M111.979, M111.978, M111.977, M111.975, M111.974, M111.973, M111.970	C-Class, CLK, E-Class, CLK, M-Class, V-Class, Vito, Sprinter, Viano, V, C-Class	90.90 3.579	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
1979-92	2299		2.3 L	4 CYL	M102.985, M102.980 M102.981	190E, 230E, 230CE, 230GE, 230TE	95.50 3.760	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
1988-00	2299		2.3 L	4 CYL	OM601 D 23	208, 308, 408, 508, Viano, Vito Diesel Eng	89.00 3.504	2.50 2.00 3.00	244 TBF CR DI 229 TTF PC DI 204 CF CR DI 881 2PCO	2C7292	1	STD
1988-00	2299		2.3 L	4 CYL	OM601 D 23	208, 308, 408, 508, Viano, Vito Diesel Eng	89.00 3.504	2.50 2.00 3.00	244 TBF CR DI 229 TTF PC DI 204 CF CR DI 881 2PCO	2C7292	1	STD
1976-93	2308		2.3 L	4 CYL	M115.951, M115.954 M115.955, M115.955 M115.973	/8 230.4, Coupe 230 C, T1 Box 210, G-Class 230 G	93.75 3.691	1.75 2.50 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5373	4	STD
									363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5373 2C5373020 2C5373040	4	STD 0.50 1.00
1997-03	2398		2.4 L	6 CYL	M 112.910, M 112.911	C Class, E Class	83.20 3.276	1.50 1.75 3.00	326 TBF GN SS 406 N PC DI 987 FV GN SS 714 GN SS	2N4187	6	STD
1978-On	2399		2.4 L	4 CYL	OM616.913, OM616.914 OM616.936, OM616.939	240D, T1 Diesel Eng	90.90 3.579	3.00 2.00 4.00	345 T PM GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2M4724	4	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MERCEDES-BENZ												
1973-88	2404		2.4 L	4 CYL	OM616.916,OM616.932	/8 240 D,T1 Bus Diesel Eng	91.00 3.582	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
1973-88	2404		2.4 L	4 CYL	OM616.916,OM616.932	/8 240 D,T1 Bus Diesel Eng	91.00 3.582	3.00 2.00 4.00	362 BF 3CR GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2C5564	1	STD
1985-93	2497		2.5 L	5 CYL	OM602.911, OM602.912 OM602.930	190 D 2.5, G-Class 250 GD, Kombi Estate	87.00 3.425	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
1988-96	2497		2.5 L	5 CYL	OM602.961,OM602A.962 OM605.960,OM605.962	C-Class, E-Class, 300TD Diesel Eng	87.00 3.425	2.50 2.00 3.00	220 TBF PM DI 126 RVT PC GI 204 CF CR DI 881 2PCO	2D5627	1	STD
2005-11	2496		2.5 L	6 CYL	M 272.911, M 272.920 M 272.921, M 272.922	C-Class, E-Class	88.00 3.464	1.50 1.75 2.50	322 BF GN SS 406 N PC DI 987 FV GN SS 714 GN SS	2N4059	6	STD
1982-93	2599		2.6 L	6 CYL	M103.940, M103.941, M103.942 M103.943	Kombi Estate 260, S-Class 260 SE, 190	82.90 3.264	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
1999-07	2685		2.7 L	5 CYL	OM612.961,OM612.962 OM612.966, OM612.981	C-Class, E-Class, M-Class Diesel Eng.	88.00 3.464	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
1972-On	2746		2.7 L	6 CYL	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	S-Class 280, Saloon 280	86.00 3.386	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
1968-73	2778		2.8 L	6 CYL		280S, 280SE, 280SL, 250/8, 250C, 300SEL	86.50 3.405	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 362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 056 FV CR 732 FV CR	9505 2C9505	6	STD STD
1998-06	2799		2.8 L	6 CYL	M104 E 28	C280,S280,E280	89.90 3.539	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
1988-00	2874		2.9 L	5 CYL	OM602 D 29, OM602 D 29 LA	290 GD, O 405,Sprinter, Diesel Eng	89.00 3.504	2.50 2.00 3.00	244 TBF CR DI 229 TTF PC DI 204 CF CR DI 881 2PCO	2C7292	1	STD
1988-00	2874		2.9 L	5 CYL	OM602 D 29, OM602 D 29 LA	290 GD, O 405,Sprinter, Vario Diesel Eng	89.00 3.504	2.50 2.00 3.00	244 TBF CR DI 229 TTF PC DI 204 CF CR DI 881 2PCO	2C7292	1	STD
1979-93	2996		3.0 L	6 CYL	OM603.912, OM603.913	G-Class 300, Kombi Estate	87.00 3.425	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
1989-96	2960		3.0 L	6 CYL	M104.980, M104.981	Cabriolet 300, Saloon,	88.50 3.484	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MERCEDES-BENZ												
1985-97	2962		3.0 L	6 CYL	M103.980, M103.981 M103.982, M103.983 M103.984, M103.987	E-Class, G-Class, S-Class,	88.50 3.484	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
2006-14	2987		3.0 L	6 CYL	OM642	ML300, ML350, E320, E350, S320 Diesel Eng	83.00 3.268	2.00 2.00 2.00	240 FKST CC DI 126 RVT PC GI 248 CF CR 881 2PCO	2D7367	1	STD
2005-12	2996		3.0 L	6 CYL	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	C-Class, CLS, E-Class, R-Class S-Class	88.00 3.464	1.50 1.75 2.50	322 BF GN SS 406 N PC DI 987 FV GN SS 714 GN SS	2N4059	6	STD
1986-96	2996		3.0 L	6 CYL	OM603.961, OM603A.960 OM603A.963	E-Class, Saloon 300 Turbo-D Diesel Eng	87.00 3.425	2.50 2.00 3.00	220 TBF PM DI 126 RVT PC GI 204 CF CR DI 881 2PCO	2D5627	1	STD
1979-On	2998		3.0 L	5 CYL	OM617.913, OM617.931 OM617.932, OM617.933 OM617.950, OM617.952 OM616.913	G Class, 300GD, Kombi Diesel Eng	90.90 3.579	3.00 2.00 4.00	345 T PM GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2M4934	5	STD
1974-85	2998		3.0 L	5 CYL	OM617.910, OM617.912	/8 240 D 3.0 Diesel Eng	91.00 3.582	3.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 553 CF CR GI 881 2PCO	5325	4	STD
									345 T PM GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2M5325 2M5325020	4	STD 0.50
1974-85	2998		3.0 L	5 CYL	OM617.910, OM617.912	/8 240 D 3.0 Diesel Eng	91.00 3.582	3.00 2.00 4.00	362 BF 3CR GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2C5564	1	STD
1999-03	3222		3.2 L	6 CYL	OM613.960, OM613.961	E-Class, S-Class Diesel Eng.	88.00 3.464	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
1991-05	3199		3.2 L	6 CYL	M104 E 32, M112 E 32	300 SE, E320, S 320 C320, E320, G320, S320, ML320, CLK320 V6	89.90 3.539	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
1992-97	3449		3.5 L	6 CYL	OM603 D 35 A	350 S, 350 GD Diesel Eng	89.00 3.504	2.50 2.00 3.00	244 TBF CR DI 229 TTF PC DI 204 CF CR DI 881 2PCO	2C7292	1	STD
1992-97	3449		3.5 L	6 CYL	OM603 D 35 A	350 S, 350 GD Diesel Eng	89.00 3.504	2.50 2.00 3.00	244 TBF CR DI 229 TTF PC DI 204 CF CR DI 881 2PCO	2C7292	1	STD
2005-08	3498		3.5 L	6 CYL	M272DE35, M272KE35, M273KE46, 272.960 DOHC FI 24V	C350, CLK350, E350, R350, SLK350	92.90 3.657	1.50 1.75 2.50	336 T PM DI 126 RVT PC GI 985 FV CR 732 FV CR	2M5304	6	STD
1969-80	3499		3.5 L	8 CYL	M116.980, M116.981 M116.982, M116.983 M116.984, M116.985	S Class, SL 350	92.00 3.622	1.75 2.50 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	5490	8	STD
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5490	8	STD
2002-12	3724		3.7 L	6 CYL	M 112.970, M 112.972 M 112.973, M 112.975 M 112.976	M-Class, S-Class, SL 350	97.00 3.819	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MERCEDES-BENZ												
1964-On	3780		3.8 L	6 CYL	OM 314, OM 353, OM 367,	80, 100 H.P. Diesel Eng	97.00 3.819	3.00 3.00 3.00 5.50 5.50	361 FKST CR DI 032 BF PC GI 401 SCRP PC GI 553 CF CR GI 881 2PCO 501 1PCO PC GI	2C5480 2C5480020 2C5480040	2	STD 0.50 1.00
	3780		3.8 L	6 CYL	OM314.965, OM340.930, OM340.932, OM343.910, OM343.932, OM343.934	Diesel Eng.	97.00 3.819	3.00 3.00 3.00 5.50	361 FKST CR DI 032 BF PC GI 401 SCRP PC GI 553 CF CR GI 881 2PCO	2D4512 2D451250 2D4512100	2	STD 0.50 1.00
	3784		3.8 L	6 CYL	OM314	Turbo Diesel	97.00 3.819	2.50 2.50 4.00	361 FKST CR DI 126 RVT PC GI 553 CF CR GI 881 2PCO	2C7264	2	STD
	3780		3.8 L	4 CYL	OM314.910-965, OM314.965, OM340.930, OM340.932, OM343.910, OM343.932, OM343.934	Diesel Eng.	97.00 3.819	3.00 3.00 3.00 5.50 5.50	227 FKST CR DI 035 TF PC GI 414 TFN GI 553 2PCO CR GI 501 1PCO PC GI	2D5480 2D5480020 2D5480040	2	STD 0.50 1.00
1980-84	3818		3.8 L	8 CYL	M116.960	S-Class 3.8, SL 380	92.00 3.622	1.75 2.00 3.50	363 BF CR GI 401 SCRP PC GI 059 FV CR 732 FV CR	2C5760 2C5760020	8	STD 0.50
2000-08	3996		4.0 L	8 CYL	OM628.960, OM628.961 OM628.962, OM628.963 DOHC	E-Class, G-Class, M-Class, S-Class V8	86.00 3.386	2.50 2.00 3.00	212 TBF CC DI 202 TTF PC DI 204 CF CR DI 881 2PCO	2D7329	1	STD
1997-07	4266		4.3 L	8 CYL	M113 E 43	C43 AMG,C240,E430,CLK430, ML430,S430 V8	89.90 3.539	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
	4250		4.3 L	4 CYL	OM 900.911 Euro 4 OM 900.912 Euro 4 OM 900.913 Euro 4 OM 900.915 Euro 4 OM 900.916 Euro 4 OM 900.917 Euro 4 OM 900.918 Euro 4 OM 900.919 Euro 4 OM 900.920 Euro 4 OM 900.921 Euro 4 OM 900.922 Euro 4	Diesel Eng.	102.00 4.016	3.50 2.50 4.00	378 FKST BF CC DI 277 RVT TF CR GI 553 2PCO CR GI	2D7052 2D705230 2D705260 2D705290	1	STD 0.30 0.60 0.90
			4.3 L	4 CYL	OM904, OM907, OM924, OM960	Diesel Eng	102.00 4.016	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
1972-80	4520		4.5 L	8 CYL	M117.982, M117.983 M117.986	S-Class, SL 450	92.00 3.622	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	STD STD
2004-On	4800		4.8 L	4 CYL	OM 924.927 Euro 5 OM 924.930 Euro 5 OM 924.931 Euro 5 OM 924.934 Euro 5 OM 924.935 OM 924.936 Euro 5 OM 924.937 Euro 5 OM 924.938	Atego Diesel Eng.	106.00 4.173	3.50 2.50 4.00	378 FKST BF CC DI 277 RVT TF CR GI 553 2PCO CR GI	2D7054 2D705430 2D705460	1	STD 0.30 0.60
1998-10	4966		5.0 L	8 CYL	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	G-Class, M-Class, S Class, SL 500	97.00 3.819	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MERCEDES-BENZ												
1991-01	4973		5.0 L	8 CYL	M 117.960, M 117.963 M 119.960, M 119.972 M 119.980	SL 500, S-Class 500	96.50 3.799	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
1998-05	5439		5.4 L	8 CYL	M 113.980, M 113.981 M 113.984 M 113.971	CLK, E-Class, M-Class	97.00 3.819	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
	5675		5.7 L	6 CYL	OM 341.900,OM 341.910,OM 341 Diesel Eng. OM 341.912,OM 341.915,OM 341.918, OM 341.919,OM 341.931,OM 341.932, OM 341.934,OM 341.935,OM 341.936, OM 341.938,OM 341.941,OM 341.946, OM 341.948,OM 341.949,OM 341.995, OM 344.905,OM 344.912,OM 344.919, OM 344.930,OM 344.932,OM 344.933, OM 344.940,OM 344.941,OM 344.943, OM 344.944,OM 344.945,OM 344.946, OM 344.949,OM 344.963,OM 344.991, OM 344.997,OM 352.900,OM 352.901, OM 352.902,OM 352.903,OM 352.904, OM 352.905,OM 352.906,OM 352.907, OM 352.908,OM 352.909,OM 352.910, OM 352.911,OM 352.912,OM 352.914, OM 352.915,OM 352.917,OM 352.919, OM 352.930,OM 352.931,OM 352.932, OM 352.933,OM 352.934,OM 352.935, OM 352.936,OM 352.938,OM 352.939, OM 352.942,OM 352.943,OM352.944, OM 352.945,OM 352.948,OM 352.953, OM 352.954,OM 352.955,OM 352.956, OM 352.957,OM 352.958,OM 352.959, OM 352.960,OM 352.961,OM 352.962, OM 352.963,OM 352.964,OM 352.965, OM 352.966,OM 352.967,OM 352.969, OM 352.970,OM 352.971,OM 352.972, OM 352.973,OM 352.974,OM 352.975, OM 352.976,OM 352.978,OM 352.979, OM 352.980,OM 352.981,OM 352.982, OM 352.983,OM 352.984,OM 352.985, OM 352.986,OM 352.987,OM 352.989, OM 352.990,OM 352.991,OM 352.992, OM 352.993,OM 352.996,OM 352.997, OM 352.998,OM 352.999,OM 353.900, OM 353.901,OM 353.902,OM 353.903, OM 353.904,OM 353.905,OM 353.907, OM 353.915,OM 353.916,OM 353.917, OM 353.922,OM 353.923,OM 353.930, OM 353.931,OM 353.932,OM 353.933, OM 353.934,OM 353.935,OM 353.936, OM 353.938,OM 353.940,OM 353.941, OM 353.942,OM 353.943,OM 353.944, OM 353.945,OM 353.946,OM 353.949, OM 353.957,OM 353.960,OM 353.961, OM 353.962,OM 353.963,OM 353.964, OM 353.965,OM 353.966,OM 353.967, OM 353.968,OM 353.969,OM 353.973, OM 353.980,OM 353.981,OM 353.982, OM 353.983,OM 353.984,OM 353.985, OM 353.989,OM 353.995,OM 396.900	97.00 3.819	3.00 3.00 3.00 5.50	227 FKST CR DI 035 TF PC GI 035 TF PC GI 553 2PCO CR GI	2D4512 2D451250 2D4512100	2	STD 0.50 1.00	

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MERCEDES-BENZ												
	5675		5.7 L	6 CYL	OM 341.900,OM 341.910,OM 341 Diesel Eng.		97.00	3.00	227 FKST CR DI	2D5480	2	STD
					OM 341.912,OM 341.913,OM 341.915,		3.819	3.00	035 TF PC GI	2D5480020		0.50
					OM 341.918,OM 341.919,OM 341.931,			3.00	414 TFN GI	2D5480040		1.00
					OM 341.932,OM 341.933,OM 341.934,			5.50	553 2PCO CR GI			
					OM 341.935,OM 341.936,OM 341.937,			5.50	501 1PCO PC GI			
					OM 341.938,OM 341.939,OM 341.941,							
					OM 341.943,OM 341.946,OM 341.947,							
					OM 341.948,OM 341.949,OM 341.950,							
					OM 341.995,OM 341.996,OM 344.905,							
					OM 344.912,OM 344.913,OM 344.919,							
					OM 344.930,OM 344.931,OM 344.932,							
					OM 344.933,OM 344.940,OM 344.941,							
					OM 344.943,OM 344.944,OM 344.945,							
					OM 344.946,OM 344.949,OM 344.963,							
					OM 344.991,OM 344.997,OM 352.900,							
					OM 352.901,OM 352.902,OM 352.903,							
					OM 352.904,OM 352.905,OM 352.906,							
					OM 352.907,OM 352.908,OM 352.909,							
					OM 352.910,OM 352.911,OM 352.912,							
					OM 352.913,OM 352.914,OM 352.915,							
					OM 352.916,OM 352.917,OM 352.918,							
					OM 352.919,OM 352.930,OM 352.931,							
					OM 352.932,OM 352.933,OM 352.934,							
					OM 352.935,OM 352.936,OM 352.937,							
					OM 352.938,OM 352.939,OM 352.942,							
					OM 352.943,OM 352.944,OM 352.945,							
					OM 352.946,OM 352.948,OM 352.949,							
					OM 352.950,OM 352.953,OM 352.954,							
					OM 352.955,OM 352.956,OM 352.957,							
					OM 352.958,OM 352.959,OM 352.960,							
					OM 352.961,OM 352.962,OM 352.963,							
					OM 352.964,OM 352.965,OM 352.966,							
					OM 352.967,OM 352.968,OM 352.969,							
					OM 352.970,OM 352.971,OM 352.972,							
					OM 352.973,OM 352.974,OM 352.975,							
					OM 352.976,OM 352.978,OM 352.979,							
					OM 352.980,OM 352.981,OM 352.982,							
					OM 352.983,OM 352.984,OM 352.985,							
					OM 352.986,OM 352.987,OM 352.988,							
					OM 352.989,OM 352.990,OM 352.991,							
					OM 352.992,OM 352.993,OM 352.994,							
					OM 352.996,OM 352.997,OM 352.998,							
					OM 352.999,OM 353.900,OM 353.901,							
					OM 353.902,OM 353.903,OM 353.904,							
					OM 353.905,OM 353.907,OM 353.909,							
					OM 353.910,OM 353.911,OM 353.912,							
					OM 353.913,OM 353.914,OM 353.915,							
					OM 353.916,OM 353.917,OM 353.921,							
					OM 353.922,OM 353.923,OM 353.930,							
					OM 353.931,OM 353.932,OM 353.933,							
					OM 353.934,OM 353.935,OM 353.936,							
					OM 353.937,OM 353.938,OM 353.940,							
					OM 353.941,OM 353.942,OM 353.943,							
					OM 353.944,OM 353.945,OM 353.946,							
					OM 353.949,OM 353.950,OM 353.951,							
					OM 353.952,OM 353.953,OM 353.954,							
					OM 353.957,OM 353.958,OM 353.960,							
					OM 353.961,OM 353.962,OM 353.963,							
					OM 353.964,OM 353.965,OM 353.966,							
					OM 353.967,OM 353.968,OM 353.969,							
					OM 353.970,OM 353.971,OM 353.972,							
					OM 353.973,OM 353.974,OM 353.975,							
					OM 353.976,OM 353.977,OM 353.978,							
					OM 353.980,OM 353.981,OM 353.982,							
					OM 353.983,OM 353.984,OM 353.985,							
					OM 353.989,OM 353.991,OM 353.995,							
					OM 353.997,OM 396.900							

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MERCEDES-BENZ												
1964-On	5675		5.7 L	6 CYL	OM352, OM352A	126 H.P. Incl. Turbo Diesel Eng	97.00 3.819	3.00 3.00 3.00 5.50 5.50	361 FKST CR DI 032 BF PC GI 401 SCRP PC GI 553 CF CR GI 881 2PCO 501 1PCO PC GI	2C5480 2C5480020 2C5480040	2	STD 0.50 1.00
	5675		5.7 L	6 CYL	OM352, OM362	Turbo Diesel	97.00 3.819	2.50 2.50 4.00	361 FKST CR DI 126 RVT PC GI 553 CF CR GI 881 2PCO	2C7264	2	STD
	6374		6.4 L	6 CYL	OM 902.913 Euro 4 OM 902.914 Euro 4 OM 902.915 Euro 4 OM 902.916 Euro 4 OM 902.917 Euro 4 OM 902.918 Euro 4 OM 902.923 Euro 4 OM 902.924 Euro 4 OM 902.925 Euro 4 OM 902.926 Euro 4 OM 902.927 Euro 4 OM 902.930 Euro 4 OM 902.931 Euro 4 OM 902.932 Euro 4 OM 902.933 Euro 4 OM 902.934 Euro 4 OM 902.936 Euro 4 OM 906.910 Euro 2 OM 906.911 Euro 2 OM 906.919 Euro 2 OM 906.920 OM 906.921 Euro 2 OM 906.922 Euro 2 OM 906.999	Diesel Eng.	102.00 4.016	3.50 2.50 4.00	378 FKST BF CC DI 277 RVT TF CR GI 553 2PCO CR GI	2D7052 2D705230 2D705260 2D705290	1	STD 0.30 0.60 0.90
			6.4 L	6 CYL	OM902, OM906, OM909, OM926	Diesel Eng	102.00 4.016	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
2004-On	7201		7.2 L	6 CYL	OM 925.920 EEV OM 925.960 EEV OM 926.945 Euro 5 OM 926.946 Euro 5 OM 926.947 Euro 5 OM 926.948 Euro 5 OM 926.949 Euro 4 OM 926.959 OM 926.970 OM 926.971 OM 926.972 OM 926.973 OM 926.974 OM 926.975 OM 926.976	Axor Diesel Eng.	106.00	3.50 2.50 4.00	378 FKST BF CC DI 277 RVT TF CR GI 553 2PCO CR GI	2D7054 2D705430 2D705460	1	STD 0.30 0.60
	9973	####		5 CYL	OM 429.951,OM 429.953,OM 429 Diesel Eng. OM 475.907-505,OM 475.907-506,OM 475.950, OM 475.951,OM 475.952,OM 475.953, OM 475.954,OM 475.982,OM 475.984, OM 475.985,OM 475.986,OM 475.989, OM 475.991,OM 475.994,OM 475.997, OM 475.998,OM 485.980,OM 489.960, OM 489.961		128.00 5.039	3.00 3.00 4.00	213 FKST CC DI 349 RVT CR GI 553 2PCO CR GI	2D7096	1	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MERCEDES-BENZ												
10964	####			6 CYL	OM 421.900/-000,OM 421.901-41 Diesel Eng.		128.00	3.00	213 FKST CC DI	2D7096	1	STD
					OM 421.901-500,OM 421.901-510,		5.039	3.00	349 RVT CR GI			
					OM 421.901/-400,OM 421.905,			4.00	553 2PCO CR GI			
					OM 421.906,OM 421.907,OM 421.908,							
					OM 421.909,OM 421.910,OM 421.923,							
					OM 421.951,OM 421.967,OM 441.901,							
					OM 441.901-400,OM 441.901-500,							
					OM 441.901-504,OM 441.901-505,							
					OM 441.901-507 Euro 2,OM 441.901-520,							
					OM 441.901-530,OM 441.950 Euro 0,							
					OM 441.951,OM 441.953 Euro 0,							
					OM 441.955 Euro 0,OM 441.960 Euro 0,							
					OM 441.961 Euro 0,OM 441.962 Euro 0,							
					OM 441.980 Euro 1,OM 441.981,OM 441.982,							
					OM 441.983,OM 441.985 Euro 0,							
					OM 441.986 Euro 1,OM 441.987 Euro 1,							
					OM 441.988 Euro 1,OM 441.989 Euro 1,							
					OM 441.990 Euro 1,OM 441.991 Euro 1,							
					OM 441.992 Euro 1,OM 441.993 Euro 1,							
					OM 441.994 Euro 1,OM 441.995 Euro 1,							
					OM 441.996 Euro 1,OM 441.997 Euro 1,							
					OM 441.998 Euro 1,OM 441.999 Euro 1,							
					OM 445.920 Euro 2,OM 445.921 Euro 2,							
					OM 445.922 Euro 2,OM 445.923 Euro 2,							
					OM 445.924 Euro 2,OM 445.925 Euro 2,							
					OM 445.926 Euro 2,OM 445.927 Euro 2,							
					OM 445.929 Euro 2,OM 445.930 Euro 2,							
					OM 445.931 Euro 2,OM 445.933 Euro 2,							
					OM 445.934 Euro 2,OM 445.935 Euro 2,							
					OM 445.936 Euro 2,OM 445.937 Euro 2,							
					OM 445.938 Euro 2,OM 445.939 Euro 2,							
					OM 445.940 Euro 2,OM 445.941 Euro 2,							
					OM 481.902,OM 481.904,OM 481.912,							
					OM 481.930,OM 481.940,OM 481.941							

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MERCEDES-BENZ												
11967		####		6 CYL	M 447.925,M 476.921,M 476.925, Diesel Eng. M 476.926,M 476.927,OM 427.900/-000, OM 427.901/-200,OM 427.902-500, OM 427.902/-400,OM 427.903/-600, OM 427.905,OM 427.910,OM 427.911, OM 427.950,OM 427.951,OM 427.952, OM 447.9 Euro 1,OM 447.900/-000, OM 447.901-204 Euro 1,OM 447.901/-200, OM 447.902,OM 447.902-400,OM 447.902-500, OM 447.902-520,OM 447.902-521, OM 447.903 Euro 2,OM 447.903-501 Euro 0, OM 447.903-600,OM 447.903-604 Euro 1, OM 447.903-701 Euro 0,OM 447.903-704 Euro 1, OM 447.903-705,OM 447.903-707 Euro 2, OM 447.905,OM 447.906,OM 447.907, OM 447.908,OM 447.910,OM 447.911, OM 447.912,OM 447.913 Euro 1, OM 447.914 Euro 1,OM 447.915,OM 447.916, OM 447.947 Euro 1,OM 447.948 Euro 2, OM 447.950 Euro 0,OM 447.951 Euro 0, OM 447.952 Euro 0,OM 447.953 Euro 0, OM 447.954 Euro 1,OM 447.955 Euro 1, OM 447.956 Euro 1,OM 447.957 Euro 1, OM 447.958 Euro 1,OM 447.959 Euro 1, OM 447.960 Euro 1,OM 447.970 Euro 2, OM 447.971 Euro 2,OM 447.972 Euro 2, OM 447.973 Euro 2,OM 447.974 Euro 2, OM 447.975 Euro 2,OM 447.976 Euro 2, OM 447.977 Euro 2,OM 447.978 Euro 2, OM 447.979 Euro 2,OM 447.980 Euro 1, OM 447.981 Euro 1,OM 447.982 Euro 1, OM 447.983 Euro 1,OM 447.984 Euro 1, OM 447.985 Euro 1,OM 447.986 Euro 1, OM 447.987 Euro 1,OM 447.988 Euro 2, OM 447.990 Euro 2,OM 447.991 Euro 2, OM 447.992 Euro 2,OM 447.993 Euro 2, OM 447.994 Euro 2,OM 447.995 Euro 1, OM 447.996 Euro 2,OM 447.998 Euro 2, OM 447.999 Euro 2,OM 457.914 Euro 2/3, OM 457.917 Euro 2/3,OM 457.933 Euro 2/3, OM 457.934 Euro 2/3,OM 457.935 Euro 2/3, OM 457.936 Euro 2/3,OM 457.937 Euro 2/3, OM 457.938 Euro 2/3,OM 457.939 Euro 2/3, OM 457.940 Euro 2/3,OM 457.941 Euro 2/3, OM 457.942 Euro 2/3,OM 457.943 Euro 2/3, OM 457.944 Euro 2/3,OM 457.945 Euro 2/3, OM 457.946 Euro 2/3,OM 457.949 Euro 2/3, OM 457.962 Euro 2/3,OM 466.900-005, OM 476.916,OM 476.916-405,OM 476.916-406, OM 476.917,OM 476.917-505,OM 476.917-506, OM 476.917-508,OM 476.950,OM 476.977 Euro 2, OM 476.980,OM 476.981,OM 476.982, OM 476.983,OM 476.985 Euro 1	128.00 5.039	3.00 3.00 4.00	213 FKST CC DI 349 RVT CR GI 553 2PCO CR GI	2D7096	1	STD	

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MERCEDES-BENZ												
14618	####	8	CYL		OM 422.900/-000,OM 422.901, Diesel Eng.		128.00	3.00	213 FKST CC DI	2D7096	1	STD
					OM 422.901-400,OM 422.901-410,		5.039	3.00	349 RVT CR GI			
					OM 422.921,OM 422.922,OM 422.923,			4.00	553 2PCO CR GI			
					OM 440.971 Euro 1,OM 440.972 Euro 1,							
					OM 440.973 Euro 1,OM 440.975 Euro 1,							
					OM 440.976 Euro 1,OM 440.978 Euro 1,							
					OM 440.979 Euro 1,OM 440.980 Euro 1,							
					OM 440.981 Euro 1,OM 440.982 Euro 1,							
					OM 440.983 Euro 1,OM 440.984 Euro 1,							
					OM 440.985 Euro 1,OM 440.986 Euro 1,							
					OM 440.987 Euro 1,OM 440.988 Euro 1,							
					OM 440.989 Euro 1,OM 440.990 Euro 1,							
					OM 440.991 Euro 1,OM 442.901-404 Euro 1,							
					OM 442.901-502,OM 442.901-504 Euro 1,							
					OM 442.901-505 Euro 1,OM 442.901-506 Euro 1,							
					OM 442.901-507 Euro 2,OM 442.901-508 Euro 2,							
					OM 442.901-520,OM 442.901/-400,							
					OM 442.941 Euro 0,OM 442.942 Euro 0,							
					OM 442.943 Euro 0,OM 442.944 Euro 0,							
					OM 442.945 Euro 0,OM 442.946 Euro 0,							
					OM 442.950 Euro 0,OM 442.951 Euro 0,							
					OM 442.952 Euro 0,OM 442.953 Euro 0,							
					OM 442.954 Euro 0,OM 442.955 Euro 0,							
					OM 442.957 Euro 0,OM 442.958 Euro 0,							
					OM 442.959 Euro 0,OM 442.960 Euro 0,							
					OM 442.961 Euro 0,OM 442.962 Euro 0,							
					OM 442.963 Euro 0,OM 442.964 Euro 0,							
					OM 442.965 Euro 0,OM 442.966 Euro 0,							
					OM 442.967 Euro 0,OM 442.968 Euro 0,							
					OM 442.969-502 Euro 0,OM 442.969-503 Euro 0,							
					OM 442.971 Euro 0,OM 442.972 Euro 0,							
					OM 442.974 Euro 0,OM 442.975 Euro 0,							
					OM 442.976 Euro 0,OM 442.977 Euro 1,							
					OM 442.978 Euro 1,OM 442.980 Euro 0,							
					OM 442.982 Euro 0,OM 442.983 Euro 0,							
					OM 442.985 Euro 0,OM 442.989,							
					OM 442.991 Euro 0,OM 442.992 Euro 0,							
					OM 442.993 Euro 0,OM 442.994 Euro 0,							
					OM 442.995 Euro 1,OM 442.996 Euro 1,							
					OM 442.997 Euro 1,OM 442.998 Euro 1,							
					OM 442.999 Euro 1,OM 442A Euro 1,							
					OM 446.920 Euro 2,OM 446.922 Euro 2,							
					OM 446.923 Euro 2,OM 446.924 Euro 2,							
					OM 446.925 Euro 2,OM 446.926 Euro 2,							
					OM 446.927 Euro 2,OM 446.928 Euro 2,							
					OM 446.929 Euro 2,OM 446.930 Euro 2,							
					OM 446.931 Euro 2,OM 446.932 Euro 2,							
					OM 446.933 Euro 2,OM 446.934 Euro 2,							
					OM 446.935 Euro 2,OM 446.936 Euro 2,							
					OM 446.938 Euro 2,OM 446.939 Euro 2,							
					OM 446.940 Euro 2,OM 446.941 Euro 2,							
					OM 446.942 Euro 2,OM 446.943 Euro 2,							
					OM 446.945 Euro 2,OM 446.946 Euro 2,							
					OM 446.948 Euro 2,OM 462.900-410 Euro 0,							
					OM 462.900-411 Euro 0,OM 462.900-414 Euro 0,							
					OM 462.900-510 Euro 0,OM 462.900-511 Euro 0,							
					OM 482.912,OM 482.930,OM 482.940,							
					OM 482.941,OM 492.900-001,OM 492.900-002,							
					OM 492.900-004,OM 492.900-005,							
					OM 492.900-007,OM 492.900-008,							
					OM 492.900-009,OM 492.900-010,							
					OM 492.900-013,OM 492.900-405,							
					OM 492.900-406,OM 492.900-409,							
					OM 492.900-411,OM 492.900-501							

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MERCEDES-BENZ												
18273	####	10	CYL	OM 423.900/-000, OM 423.901	OM 444.901-400 Euro 0		128.00	3.00	213 FKST CC DI	2D7096	1	STD
				OM 423.901-400, OM 423.901-50	OM 444.901-410 Euro 0		5.039	3.00	349 RVT CR GI			
				OM 423.901-510, OM 423.905	OM 444.901-500 Euro 0			4.00	553 2PCO CR GI			
				OM 423.906, OM 423.907	OM 444.901-504 Euro 0							
				OM 423.908, OM 423.909	OM 444.901-505 Euro 0							
				OM 423.950, OM 443.901-500	OM 444.901-506 Euro 0							
				OM 443.901-504 Euro 1	OM 424.900/-000, OM 424.901							
				OM 443.940 Euro 0, OM 443.980	OM 424.901-400, OM 424.901-500							
				OM 493.900-001 (AFS), OM 493.9	OM 424.901-510 Diesel Eng.							
21927	####	12	CYL	OM 444.901-400 Euro 0	Diesel Eng.		128.00	3.00	213 FKST CC DI	2D7096	1	STD
				OM 444.901-410 Euro 0			5.039	3.00	349 RVT CR GI			
				OM 444.901-500 Euro 0				4.00	553 2PCO CR GI			
				OM 444.901-504 Euro 0								
				OM 444.901-505 Euro 0								
				OM 444.901-506 Euro 0								
				OM 424.900/-000, OM 424.901								
				OM 424.901-400, OM 424.901-500								
				OM 424.901-510								
MERCURISER												
2966	181	3.0	L	4	CYL		4.000	5/64	032 BF PC GI	5570	4	STD
								5/64	126 RVT PC GI	5570020		0.50
								3/16	860 FV CR	5570030		0.75
									732 FV CR	5570040		1.00
										5570060		1.50
									362 BF 3CR GI	2C5570	4	STD
									126 RVT PC GI	2C5570020		0.50
									860 FV CR	2C5570030		0.75
									732 FV CR	2C5570040		1.00
										2C5570060		1.50
									397 BF PM S	2M5570	4	STD
									126 RVT PC GI	2M5570020		0.50
									860 FV CR	2M5570030		0.75
									732 FV CR	2M5570040		1.00
										2M5570060		1.50
										2M5570065		1.63
3671	224	3.7	L	4	CYL	470-488 series	4.360	5/64	032 BF PC GI	6138	4	STD
								5/64	126 RVT PC GI	6138020		0.50
								3/16	860 FV CR	6138030		0.75
									732 FV CR	6138040		1.00
									362 BF 3CR GI	2C6138	4	STD
									126 RVT PC GI	2C6138020		0.50
									860 FV CR	2C6138030		0.75
									732 FV CR	2C6138040		1.00
									345 T PM GI	2M6138	4	STD
									126 RVT PC GI	2M6138020		0.50
									860 FV CR	2M6138030		0.75
									732 FV CR	2M6138040		1.00
										2M6138060		1.50
2010-On	8226	502	8.2	L	8	CYL	113.47	1.50	336 T PM DI	2M4699	8	STD
						Ser #OM9545	4.467	1.50	126 RVT PC GI			
						w/1.5mm top grv.		4.00	872 FV CR			
									732 FV CR			
1988-09	8226	502	8.2	L	8	CYL	113.47	2.00	336 T PM DI	2M4727	8	STD
						H.O.	4.467	1.50	126 RVT PC GI	2M4727005		0.13
								4.00	872 FV CR	2M4727030		0.75
									732 FV CR	2M4727060		1.50
MIDLAND-COMPRESSORS												
						13 cu. ft.	2	3/4	126 RVT PC GI	6128	1	STD
						EL1300, EL1600; 7000 Series		3/16	126 RVT PC GI	6128010		0.25
						3 ring piston		3/16	871 FV CR	6128020		0.50
									732 FV CR	6128030		0.75
										6128040		1.00

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MINNEAPOLIS-MOLINE-WHITE MOTORS												
				4 CYL	Sleeved Eng.	165-4, 4A; 185-4, 206-4, 4A; 206A4, 4A; 206B, 206G, 206VEE, RE Shallow Grvs.	3	5/8	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7567	4 STD
				4 CYL		Jet Star 3, Big MO 400 & 500 Diesel, Gas, LPG 206N4 4 Star, 4 Star Super, Jet Star, 335, 445, G4, Combine Unitractor 445, 206B4R, 206H4, 206GH Minn. Ind., G4	3	5/8	3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7581	4 STD
				4 CYL	Sleeved Eng.	165-4, 185-4, 206-4, 206B, 206G, EE, RE, V206V	3	5/8	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7745	4 STD
				4 CYL		206 N4 Eng. 4 Star, 4 Star Super, Jet Star, 335, 445,G4, Combine Unitractor 445, 206B4R, 206H4, 206GH Minn. Ind., G4 Comb.						
				4 CYL	Sleeved Eng.	165-4, 4A; 185-4, 206-4, 4A; 206A4, 4A; 206B, 206G, 206VEE, RE M & W Sleeve Kit #AP123 White Machine #A1085 INCREASE BORE SLEEVE ASSEMB. FOR ABOVE	3	3/4	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7669	4 STD
				6 CYL		425-C6 Gas & LPG	4	1/4	3/32 3/32 3/32 3/16	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4877	6 STD
				6 CYL		425C-6	4	1/4	3/32 3/32 3/32 3/16	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6308	6 STD
										363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6308	6 STD
				6 CYL		HD 800 Gas & LPG	5.320	3/32 3/32 3/32 3/16	102 T PC GI 102 T PC GI 401 SCRP PC GI 860 FV CR 732 FV CR	7173 7173060	6 STD 1.50	
MITSUBISHI												
				4 CYL	4G36-EC	Colt, Mirage	71.80 2.827	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 4694040 2C4694 2C4694020 2C4694040 2C4694040	4 STD 0.50 1.00 1.00 4 STD 0.50 1.00	
1984	783		0.8 L	2 CYL	2G25 SOHC	Mitsubishi Towny Mitsubishi Minicab 800	78.00 3.071	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	
1963-67	997		1.0 L	4 CYL		1100	72.00 2.835	2.00 2.00 4.00	102 T 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	6752 2C6752	4 STD 4 STD	

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MITSUBISHI												
1967-73	1088		1.1 L	4 CYL	KE44	Colt 1100	73.00 2.874	2.00 2.00 4.00	032 BF PC GI 401 SCRP PC GI 058 FV CR 732 FV CR	6714 6714020 6714030 6714040 6714060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 401 SCRP PC GI 058 FV CR 732 FV CR	2C6714 2C6714020 2C6714030 2C6714040 2C6714060	4	STD 0.50 0.75 1.00 1.50
1983-86	1187		1.2 L	4 CYL	4G42	Lancer	71.00 2.795	2.00 2.00 4.00	032 BF PC GI 401 SCRP PC GI 056 FV CR 732 FV CR	4342	4	STD 0.50 1.00
									362 BF 3CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C4342 2C4342020 2C4342040	4	STD 0.50 1.00
1969-73	1189		1.2 L	4 CYL	KE46	Colt 1200	73.00 2.874	2.00 2.00 4.00	032 BF PC GI 401 SCRP PC GI 058 FV CR 732 FV CR	6714 6714020 6714030 6714040 6714060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 401 SCRP PC GI 058 FV CR 732 FV CR	2C6714 2C6714020 2C6714030 2C6714040 2C6714060	4	STD 0.50 0.75 1.00 1.50
1975-78	1238		1.2 L	4 CYL	4G36	Celeste, Colt, Lancer	73.00 2.874	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
2007-On	1240		1.2 L	4 CYL	CR12DE	Lancer	71.50 2.815	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
1978-85	1244		1.2 L	4 CYL	4G11	Colt/Mirage Lancer	69.50 2.736	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 055 FV CR 732 FV CR	4673	4	STD
									362 BF 3CR GI 126 RVT PC GI 055 FV CR 732 FV CR	2C4673 2C4673010 2C4673020 2C4673030 2C4673040	4	STD 0.25 0.50 0.75 1.00
1969-70	1289		1.3 L	4 CYL	4G30	Galant 1300	73.00 2.874	2.00 2.00 4.00	032 BF PC GI 401 SCRP PC GI 058 FV CR 732 FV CR	6714 6714020 6714030 6714040 6714060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 401 SCRP PC GI 058 FV CR 732 FV CR	2C6714 2C6714020 2C6714030 2C6714040 2C6714060	4	STD 0.50 0.75 1.00 1.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MITSUBISHI												
1985-91	1298		1.3 L	4 CYL	4G13 SOHC	Colt / Mirage / Lancer	71.00 2.795	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	4618 4618010 4618020 4618030 4618040	4	STD 0.25 0.50 0.75 1.00
									362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C4618 2C4618010 2C4618020 2C4618030 2C4618040	4	STD 0.25 0.50 0.75 1.00
1971-79	1378		1.4 L	4 CYL	4G41	Galant Coupe FTO, Delica Truck T120	76.50 3.012	2.00 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR	4492 4492020 4492030	4	STD 0.50 0.75
									362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C4492 2C4492020 2C4492040	4	STD 0.50 1.00
1979-On	1410		1.4 L	4 CYL	4G12	Colt, Lancer, Tredia	74.00 2.913	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
1973-78	1439		1.4 L	4 CYL	4G33	Celeste, Galant, Lancer	73.00 2.874	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
1971-75	1439		1.4 L	4 CYL	4G33	Galant 1400	73.00 2.874	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
1991-96	1468		1.5 L	4 CYL	4G15, G15B	Colt, Lancer, Mirage	75.50 2.972	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
1997-02	1468		1.5 L	4 CYL	4G15, 4G93	Colt, Lancer, Mirage	75.50 2.972	1.20 1.50 2.80	398 BF CR S 126 RVT PC GI 732 FV CR	2C4884 2C4884020 2C4884030 2C4884040	4	STD 0.50 0.75 1.00

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MITSUBISHI												
1983-91	1468		1.5 L	4 CYL	4G15, G15B	Colt, Lancer, Mirage	75.50 2.972	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
1965-70	1498		1.5 L	4 CYL	KE45	Colt	85.00 3.346	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
1999-07	1584		1.6 L	4 CYL	4G18 SOHC	Lancer, Pajero, Space Star	76.00 2.992	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
1989-93	1595		1.6 L	4 CYL	4G31, 4G61 DOHC	Colt, Galant, Mirage incl. Turbo	82.30 3.240	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
1977-96	1597		1.6 L	4 CYL	4G32, 4G32B	Colt, Lancer, L200, L300	76.90 3.027	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
1985-89	1597		1.6 L	4 CYL	G32B	Mirage Incl. Turbo	76.90 3.027	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
1984-94	1755		1.8 L	4 CYL	4G37, G62B	Cordia, Eclipse, Tredia Incl. Turbo	80.60 3.173	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MITSUBISHI												
1983-83	1795		1.8 L	4 CYL	G62B	Cordia	80.60 3.173	2.00 2.00 4.00	032 BF PC GI 401 SCRP 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 SCRP PC GI 056 FV CR 732 FV CR	2C6172 2C6172020 2C6172030 2C6172040	4	STD 0.50 0.75 1.00
1992-02	1834		1.8 L	4 CYL	4G93	Mirage	81.00 3.189	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
1973-87	1995		2.0 L	4 CYL	4G52	Canter, Galant, Lancer, Sigma	84.00 3.307	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
1988-92	1997		2.0 L	4 CYL	4G63, GTX DOHC	Turbo Thru 4/92	85.00 3.346	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
1994-99	1997		2.0 L	4 CYL	420A AS88	Eclipse	87.50 3.445	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
1992-97	1997		2.0 L	4 CYL	4G63 DOHC	16 Valve Begin 5/92, Shallow Oil Grv.	85.00 3.346	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
1993-98	1997		2.0 L	4 CYL	4G63 SOHC, DOHC	Eclipse, Galant, Talon	85.00 3.346	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
2002-06	1997		2.0 L	4 CYL	4G94 SOHC	Lancer	81.50 3.208	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
1983-93	1997		2.0 L	4 CYL	G63B	Galant	85.00 3.346	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
mitsubishi												
1983-88	1997		2.0 L	4 CYL	G63B	Colt, Pickup, Tredia	85.00 3.346	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
2003-08	1998		2.0 L	4 CYL	4G63, 4G63T Vin:D,F DOHC	Lancer EVO Incl. Turbo	85.00 3.346	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
2009-12	1998		2.0 L	4 CYL	4B11, 4B11T DOHC	Lancer, Outlander Sport	86.00 3.386	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
2007-On	2179		2.2 L	4 CYL	4HK, 4HN, HTH	Outlander Diesel Eng Incl. Turbo	85.00 3.346	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
1980-86	2346		2.3 L	4 CYL	4D55T	Galant, Pajero Turbo Diesel	91.10 3.587	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
1980-86	2346		2.3 L	4 CYL	4D55T	Galant, Pajero Turbo Diesel	91.10 3.587	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
1980-86	2346		2.3 L	4 CYL	4D55	L200, L300, Pajero Diesel Eng	91.10 3.587	2.50 2.00 4.00	231 BF PM DI 236 TF CR DI 204 CF CR DI 881 2PCO	2M7379	1	STD
1992-96	2350		2.4 L	4 CYL	4G64	Pickup	86.50 3.405	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
1984-94	2351		2.4 L	4 CYL	4G37, G62B	Cordia, Eclipse, Tredia	86.50 3.405	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
1993-05	2351		2.4 L	4 CYL	4G64	Eclipse, Galant, Outlander	86.50 3.405	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
2008-17	2359		2.4 L	4 CYL	4B12 DOHC	Lancer, Outlander	88.00 3.464	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
2004-12	2378		2.4 L	4 CYL	4G69 Vin:F SOHC	Eclipse, Lancer, Outlander	87.00 3.425	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
1987-08	2476		2.5 L	4 CYL	4D56T, 4D56TD	Pajero, L200, L300 Turbo Diesel	91.10 3.587	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
1987-08	2476		2.5 L	4 CYL	4D56T, 4D56TD	Pajero, L200, L300 Turbo Diesel	91.10 3.587	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MITSUBISHI												
1987-94	2476		2.5 L	4 CYL	4D56	L200, L300 Diesel Eng	91.10 3.587	2.50 2.00 4.00	231 BF PM DI 236 TF CR DI 204 CF CR DI 881 2PCO	2M7379	1	STD
1994-98	2477		2.5 L	4 CYL	4D56	L200, L300 Diesel Eng	91.10 3.587	2.00 2.00 4.00	226 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2C7454	1	STD
1979-199	2555		2.6 L	4 CYL	4G54, 4G54B	Excecutive 2600, Galant 2600, Montero Pickup	91.10 3.587	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 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
1983-89	2555		2.6 L	4 CYL	4G54	Montero, Magna, Pick-up, Starion incl. Turbo	91.10 3.587	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 4	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
	2835		2.8 L	4 CYL	4M40	FB501, FD511, Pajero Diesel Eng incl. Turbo	95.00 3.740	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
1992-08	2835		2.8 L	4 CYL	4M40T	Delica, Galant, L200, L300 Montero, Pajero	95.00 3.740	2.30 2.00 3.00	372 FKST CR DI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D5807	4	STD
1987-02	2972	181	3.0 L	6 CYL	6G72 Vin: F,H,P	Montero, Pickup,	91.10 3.587	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 6	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
1990-04	2972	181	3.0 L	6 CYL	6G72-T, 6G72 Vin:F	Diamante	91.10 3.587	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
2007-12	2998		3.0 L	6 CYL	6B31 SOHC	Outlander	87.60 3.449	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
1998-16	3200		3.2 L	4 CYL	4M41	Montero, Pajero Diesel Eng	98.50 3.878	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
MITSUBISHI												
1994-04	3497		3.5 L	6 CYL	6G74 Vin: P,4 SOHC DOHC	Montero	93.00 3.661	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	STD 0.50 0.75 1.00 6 0.25 0.50 0.75 1.00
2003-05	3828		3.8 L	6 CYL	6G75 SOHC	Endeavor, Galant, Montero	95.00 3.740	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
NISSAN												
				6 CYL	TB45DE, TB48DE	Gas Eng.	99.50 3.917	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 6 0.50 1.00
2016-On	898		0.9 L	3 CYL	H4B 408	Micra	72.20	1.20 1.50 2.00	326 TBF GN SS 410 TFN CR DI 993 FV GN SS 714 GN SS	2N5307	1	STD
1982-On	987		1.0 L	4 CYL	MA10, MA10ET	Micra	68.00 2.677	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
1971-76	988		1.0 L	4 CYL	A10	E10	73.00 2.874	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
1967-82	988		1.0 L	4 CYL	A10	Cherry	73.00 2.874	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
	999		1.0 L	3 CYL	HR10	March, Versa - Flex 12v	78.00 3.071	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 990 FV CR 732 FV CR	2C4091 2C409150	3	STD 0.50
1966-78	1138		1.1 L	4 CYL	D11	Forklift	73.00 2.874	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
NISSAN												
1961-74	1171		1.2 L	4 CYL	A12, E1, D12	Model B110, 1200/110, 312/320/410, Cabstar	73.00 2.874	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
2010-On	1198		1.2 L	3 CYL	HR12DE	Micra	78.00 3.071	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 990 FV CR 732 FV CR	2C5393	3	STD
1986-92	1200		1.2 L	4 CYL	MA12S	Micra	71.00 2.795	1.50 1.50 2.80	032 BF PC GI 126 RVT PC GI 859 FV CR 732 FV CR	4362 4362020 4362040	4	STD 0.50 1.00
									362 BF 3CR GI 126 RVT PC GI 859 FV CR 732 FV CR	2C4362 2C4362008 2C4362020 2C4362030 2C4362040	4	STD 0.20 0.50 0.75 1.00
1979-82	1237		1.2 L	4 CYL	A12A	210	75.00 2.953	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 2C6813063	4	STD 0.25 0.50 0.75 1.00 1.50 1.60
1979-On	1237		1.2 L	4 CYL	A12A	Shallow Oil Ring Grv.	75.00 2.953	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
2003-10	1240		1.2 L	4 CYL	CR12DE	Micra III, WingRoad, AD Van	71.50 2.815	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
1981	1270		1.3 L	4 CYL	E13	1.3 Pulsar/N12	76.00 2.992	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	6151 6151010 6151020 6151030 6151040 6151060	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	2C6151 2C6151010 2C6151020 2C6151030 2C6151040 2C6151060	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	2M6151	4	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
NISSAN												
1991-07	1295		1.3 L	4 CYL	GA13DE, GA13DS	Lucino, Tsuru	71.00 2.795	1.50 1.50 2.80	032 BF PC GI 126 RVT PC GI 859 FV CR 732 FV CR	4362 4362020 4362040	4	STD 0.50 1.00
									362 BF 3CR GI 126 RVT PC GI 859 FV CR 732 FV CR	2C4362 2C4362008 2C4362020 2C4362030 2C4362040	4	STD 0.20 0.50 0.75 1.00
1973-74	1296		1.3 L	4 CYL	L13	Bluebird 1300	83.00 3.268	2.00 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR	6831 6831010 6831020 6831030 6831040	4	STD 0.25 0.50 0.75 1.00
									362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C6831 2C6831010 2C6831020 2C6831030 2C6831040	4	STD 0.25 0.50 0.75 1.00
1965-75	1299		1.3 L	4 CYL	A13, J, J13	Model B210, Bluebird, 411/ 520/ 521	73.00 2.874	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
2003-12	1386		1.4 L	4 CYL	CR14DE	Cube, Micra III, Note	73.00 2.874	1.20 1.20 2.00	322 BF GN SS 126 RVT PC GI 990 FV CR 732 FV CR	2N4096	4	STD
1975-82	1397	85	1.4 L	4 CYL	A14	210, 310	76.00 2.992	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
1977-78	1397		1.4 L	4 CYL	A14	B210	76.00 2.992	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
1988-07	1400		1.4 L	4 CYL	GA14, GA14S	Sunny Sentra, Tsuru	73.60 2.898	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
1968-73	1428		1.4 L	4 CYL	L14	Bluebird 1400	83.00 3.268	2.00 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR	6831 6831010 6831020 6831030 6831040	4	STD 0.25 0.50 0.75 1.00
									362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C6831 2C6831010 2C6831020 2C6831030 2C6831040	4	STD 0.25 0.50 0.75 1.00
2003-14	1461		1.5 L	4 CYL	K9K SOHC	Almera, Micra, Note Versa Turbo Diesel	76.00 2.992	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
NISSAN												
1970-On	1483		1.5 L	4 CYL	J15	Cabstar/Cedric/Homer	78.00 3.071	2.00 2.00 4.00	032 BF PC GI	6871	4	STD
									401 SCRPP PC GI	6871040		1.00
									056 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C6871	4	STD
									401 SCRPP PC GI	2C6871020		0.50
									056 FV CR	2C6871030		0.75
									732 FV CR	2C6871040		1.00
1982-84	1487		1.5 L	4 CYL	E15, E15S, E15T	310/N10, Prairie, Pulsar/N12(Turbo), Sunny, Tsuru	76.00 2.992	1.50 1.50 4.00	032 BF PC GI	6151	4	STD
									126 RVT PC GI	6151010		0.25
									058 FV CR	6151020		0.50
									732 FV CR	6151030		0.75
										6151040		1.00
										6151060		1.50
									362 BF 3CR GI	2C6151	4	STD
									126 RVT PC GI	2C6151010		0.25
									058 FV CR	2C6151020		0.50
									732 FV CR	2C6151030		0.75
										2C6151040		1.00
										2C6151060		1.50
1962-65	1488		1.5 L	4 CYL	G15	SPL 310	80.00 3.150	2.00 2.00 4.00	032 BF PC GI	6761	4	STD
									401 SCRPP PC GI	6761020		0.50
									056 FV CR	6761030		0.75
									732 FV CR	6761040		1.00
										6761060		1.50
									362 BF 3CR GI	2C6761	4	STD
									401 SCRPP PC GI	2C6761020		0.50
									056 FV CR	2C6761030		0.75
									732 FV CR	2C6761040		1.00
1979-82	1488		1.5 L	4 CYL	A15	210, 310	76.00 2.992	1.20 2.00 4.00	398 BF CR S	2C6146	4	STD
									401 SCRPP PC GI	2C6146010		0.25
									056 FV CR	2C6146020		0.50
									732 FV CR	2C6146030		0.75
										2C6146040		1.00
										2C6146060		1.50
1995-00	1500		1.5 L	4 CYL	GA15, GA15A	Almera, Lucino, Presea	73.60 2.898	1.50 1.50 2.80	362 BF 3CR GI	2C4158	4	STD
									401 SCRPP PC GI	2C4158020		0.50
									996 FV CR			
									732 FV CR			
1980-84	1567		1.6 L	4 CYL	J16	Pick Up	78.00 3.071	2.00 2.00 4.00	032 BF PC GI	6871	4	STD
									401 SCRPP PC GI	6871040		1.00
									056 FV CR			
									732 FV CR			
									362 BF 3CR GI	2C6871	4	STD
									401 SCRPP PC GI	2C6871020		0.50
2002-On	1595		1.6 L	4 CYL	K4M Renault Eng Made in Mexico	Platina	79.50 3.130	1.20 1.50 2.50	056 FV CR	2C6871030		0.75
									732 FV CR	2C6871040		1.00
1965-74	1595		1.6 L	4 CYL	R16	SPL 311,PL 411	87.20 3.433	2.00 2.50 4.00	032 BF PC GI	6830	4	STD
									401 SCRPP PC GI	6830020		0.50
									860 FV CR	6830030		0.75
									732 FV CR	6830040		1.00
										6830060		1.50
									362 BF 3CR GI	2C6830	4	STD
									401 SCRPP PC GI	2C6830020		0.50
									860 FV CR	2C6830030		0.75
									732 FV CR	2C6830040		1.00
										2C6830060		1.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
NISSAN												
1968-73	1595		1.6 L	4 CYL	L16	Bluebird 1600 510, 520/521, 620	83.00 3.268	2.00 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR	6831 6831010 6831020 6831030 6831040	4	STD 0.25 0.50 0.75 1.00
									362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C6831 2C6831010 2C6831020 2C6831030 2C6831040	4	STD 0.25 0.50 0.75 1.00
1996-06	1597		1.6 L	4 CYL	QG16DE	Almera, Avenir, Bluebird Primera	76.00 2.992	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C4087	4	STD
1983-88	1597		1.6 L	4 CYL	E16	Pulsar/N12, Sentra/B11/B12	76.00 2.992	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	6151 6151010 6151020 6151030 6151040 6151060	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	2C6151 2C6151010 2C6151020 2C6151030 2C6151040 2C6151060	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	2M6151	4	STD
1983-90	1598		1.6 L	4 CYL	CA16S OHC	Bluebird, Stanza	78.00 3.071	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
2009-15	1598		1.6 L	4 CYL	HR16DE DOHC	March, Versa 16V	78.00 3.071	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
1989-94	1598		1.6 L	4 CYL	GA16DE GA16DE/I GA16I	NX 1600, Pulsar NX, Sentra	76.00 2.992	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
NISSAN												
1987-89	1598		1.6 L	4 CYL	CA16DE DOHC	Pulsar, Sunny	78.00 3.071	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
1990-93	1598		1.6 L	4 CYL	GA16DS	100NX, Primera, Sunny	76.00 2.992	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
1995-99	1598		1.6 L	4 CYL	GA16, GA16i, GA16DE	Sentra, 200SX 2 Ring Piston	76.00 2.992	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
1989-95	1627		1.6 L	4 CYL	NA16S SOHC	Atlas F22 - F23, Datsun Truck D21	81.50 3.209	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
2000-04	1769		1.8 L	4 CYL	QG18DE DOHC	Sentra XE/GXE	80.00 3.150	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
1973-74	1770		1.8 L	4 CYL	L18	610 Sedan 1800	85.00 3.346	2.00 2.00 4.00	032 BF PC GI 401 SCRP PC GI 056 FV CR 732 FV CR	6872 6872020 6872030 6872040 6872060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C6872 2C6872020 2C6872030 2C6872040 2C6872060	4	STD 0.50 0.75 1.00 1.50
2007-14	1797		1.8 L	4 CYL	MR18DE DOHC	Tiida, Verso	84.00 3.307	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
1981-On	1800		1.8 L	4 CYL	J18	Mexican Built	80.50 3.169	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
1984-94	1809		1.8 L	4 CYL	CA18DE, CA18ET	Bluebird, Pulsar, Skyline Silvia/180SX P/S13, 200SX Turbo	83.00 3.268	1.50 1.50 2.80	032 BF PC GI 126 RVT PC GI 861 FV CR 732 FV CR	4221 4221020 4221040	4	STD 0.50 1.00
									376 BF CR DI 126 RVT PC GI 861 FV CR 732 FV CR	2C4221 2C4221010 2C4221020 2C4221030 2C4221040	4	STD 0.25 0.50 0.75 1.00

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
NISSAN												
1978-83	1809		1.8 L	4 CYL	CA18E, CA18S	Auster, Bluebird, Laurel, Prairie, 1800 Series	83.00 3.268	1.50 1.50 4.00	102 T PC GI 126 RVT PC GI 058 FV CR 732 FV CR	4951 4951020	4	STD 0.50
									362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C4951 2C4951020 2C4951040	4	STD 0.50 1.00
2001-On	1870		1.9 L	4 CYL	F9Q 760	Primastar Diesel Eng	80.00 3.150	2.50 2.00 3.00	220 TBF PM DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2M7332	1	STD
1985-On	1952		2.0 L	4 CYL	Z20	200SX, NAP-Z	85.00 3.346	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
1980-84	1952		2.0 L	4 CYL	Z20E, Z20S	200SX, NAP-Z	85.00 3.346	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
1974-80	1952		2.0 L	4 CYL	L20B	200SX, 510, 610, 620 Pickup, 710, 2000 Series	85.00 3.346	2.00 2.00 4.00	032 BF PC GI 401 SCRP PC GI 056 FV CR 732 FV CR	6872 6872020 6872030 6872040 6872060	4	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C6872 2C6872020 2C6872030 2C6872040 2C6872060	4	STD 0.50 0.75 1.00 1.50
1966-69	1973		2.0 L	6 CYL	J20	Cedric 2000	73.00 2.874	2.00 2.00 4.00	032 BF PC GI 401 SCRP PC GI 058 FV CR 732 FV CR	4410 4410020 4410030 4410040	6	STD 0.50 0.75 1.00
									362 BF 3CR GI 401 SCRP PC GI 058 FV CR 732 FV CR	2C4410 2C4410020	6	STD 0.50
1989	1974		2.0 L	4 CYL	CA20E	Stanza	84.50 3.327	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
1990-99	1974		2.0 L	4 CYL	CD20	Almera, Primera, Sunny Diesel Eng	84.50 3.327	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
NISSAN												
1982-88	1974		2.0 L	4 CYL	CA20E, CA20S	Stanza, 200SX/S12	84.50 3.327	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
1967-82	1982		2.0 L	4 CYL	H20	Forklift, Truck	87.20 3.433	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
1969-70	1988		2.0 L	6 CYL	L20A	Cedric, Skyline 2000 GT	78.00 3.071	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
2006-13	1995		2.0 L	4 CYL	M9R, M9R 760, M9R 780	Primastar, X-Trail Turbo Diesel	84.00 3.307	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
1997-On	1996		2.0 L	4 CYL	1Y, 2Y, 3Y	LWB, SWB Hardbody	86.00 3.386	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
1991-00	1998		2.0 L	4 CYL	SR20DE Vin:G	Serena, Primera	86.00 3.386	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
1986-93	1998		2.0 L	6 CYL	VG20E, VG20ET, RB20DET	Skyline	78.00 3.071	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
2007-17	1999		2.0 L	4 CYL	MR20DE DOHC	16V Sentra	84.00 3.307	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
2000-On	2184		2.2 L	4 CYL	YD22ETi, YD22DDTi YD22DDT	Almera, Primera, X-Trail	86.00 3.386	2.00 2.00 3.00	385 HKST SS GI 135 T PC GI 203 CF GN SS 881 2PCO	2D7809	4	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
NISSAN												
1981-84	2187		2.2 L	4 CYL	Z22, Z22E	720, 200SX/S100	87.00 3.425	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
2002-On	2188		2.2 L	4 CYL	G9T	720, 722, 750 Turbo Diesel	87.00 3.425	3.00 1.75 2.50	228 HKST PM DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2M7349	1	STD
1984-90	2389		2.4 L	4 CYL	Z24I	D21 Pickup, Pathfinder/WD21, Van/GC22, 720	89.00 3.504	2.00 1.50 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	4452 4452010 4452020 4452030 4452040 4452060	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	2C4452 2C4452010 2C4452020 2C4452030 2C4452040 2C4452060	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	2M4452 2M4452010 2M4452020 2M4452030 2M4452040	4	STD 0.25 0.50 0.75 1.00
1989-98	2389		2.4 L	4 CYL	KA24D, KA24DE, KA24E	Altima 240SX Axxess, 240SX Pickup, Stanza, Van	89.00 3.504	1.50 1.50 2.80	032 BF PC GI 126 RVT PC GI 861 FV CR 732 FV CR	4660 4660010 4660020 4660030 4660040	4	STD 0.25 0.50 0.75 1.00
									363 BF CR GI 126 RVT PC GI 861 FV CR 732 FV CR	2C4660 2C4660010 2C4660020 2C4660030 2C4660040 2C4660060	4	STD 0.25 0.50 0.75 1.00 1.50
1983-84	2389		2.4 L	4 CYL	Z24	720	89.00 3.504	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	5673 5673020 5673030 5673040	4	STD 0.50 0.75 1.00
									363 BF CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C5673 2C5673020 2C5673030 2C5673040	4	STD 0.50 0.75 1.00
1981	2393		2.4 L	6 CYL	L24E	810	83.00 3.268	1.50 2.00 4.00	032 BF PC GI 401 SCRP PC GI 860 FV CR 732 FV CR	6148 6148020 6148030 6148040	6	STD 0.50 0.75 1.00
									362 BF 3CR GI 401 SCRP PC GI 860 FV CR 732 FV CR	2C6148 2C6148020 2C6148030 2C6148040	6	STD 0.50 0.75 1.00

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
NISSAN												
1982-85	2393		2.4 L	6 CYL	L24E	Maxima	83.00 3.268	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	STD 0.50 0.75 1.00 6 0.50 0.75 1.00 1.50 6 0.50 0.75 1.00
1970-80	2393		2.4 L	6 CYL	L24	240Z/S30 , 810	83.00 3.268	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	6856 6856010 6856020 6856030 6856040 2C6856 2C6856010 2C6856020 2C6856030 2C6856040	6	STD 0.25 0.50 0.75 1.00 6 0.25 0.50 0.75 1.00
2002-03	2463		2.5 L	4 CYL	G9U 720, G9U 730	Interstar,Primastar Turbo Diesel	89.00 3.504	3.00 1.75 2.50	228 HKST PM DI 218 TF PC DI 204 CF CR DI 881 2PCO	2M7328	1	STD
2002-On	2463		2.5 L	4 CYL	G9U 720, G9U 730	Interstar,Primastar Turbo Diesel	89.00 3.504	2.50 1.75 2.50	230 TBF PM DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2M7423	1	STD
2007-17	2488		2.5 L	4 CYL	QR25DE DOHC	Altima, Rouge, Sentra w/2.00mm oil grv.	89.00 3.504	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
1983-88	2488		2.5 L	4 CYL	SD23, SD25	Diesel Eng	89.00 3.504	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
1999-11	2488		2.5 L	4 CYL	YD25 DDTi	Bassara, Cabstar, Fontier, Navara, Pathfinder, Presage, D22 Diesel Diesel Eng	89.00 3.504	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
			2.5 L	4 CYL		H25 Model Forklift	92.00 3.622	2.00 2.50 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 327 BF PM GI 126 RVT PC GI 870 FV CR 732 FV CR	5645 5645010 5645020 5645030 5645040 5645060 2C5645 2C5645010 2C5645020 2C5645030 2C5645040 2C5645060 2M5645 2M5645010 2M5645020 2M5645030 2M5645040 2M5645060	4	STD 0.25 0.50 0.75 1.00 1.50 4 0.25 0.50 0.75 1.00 1.50 4 0.25 0.50 0.75 1.00 1.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
NISSAN												
1978-80	2565		2.6 L	6 CYL	L26	260Z/S30	83.00 3.268	2.00 2.00 4.00	032 BF PC GI 401 SCRP 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 SCRP PC GI 058 FV CR 732 FV CR	2C6856 2C6856010 2C6856020 2C6856030 2C6856040	6	STD 0.25 0.50 0.75 1.00
1983-06	2663		2.7 L	4 CYL	TD27, TD27T	D21, Frontier, Navara, Patrol, Pickup, Terrano, URVAN	96.00 3.779	2.50 2.00 4.00	363 BF CR GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D4956	4	STD
1975-80	2753		2.8 L	6 CYL	L28, L28E	ZX/S130 Z/S30	86.00 3.386	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	4394 4394020 4394030 4394040 4394060	6	STD 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4394 2C4394020 2C4394030 2C4394040	6	STD 0.50 0.75 1.00
1981-83	2753		2.8 L	6 CYL	L28E	280ZX w/o Turbo	86.00 3.386	1.50 2.00 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	6142 6142020 6142030 6142040	6	STD 0.50 0.75 1.00
									362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C6142 2C6142020 2C6142030 2C6142040 2C6142060	6	STD 0.50 0.75 1.00 1.50
1981-83	2753		2.8 L	6 CYL	L28ET	280ZX Incl Turbo	86.00 3.386	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
	2825		2.8 L	6 CYL	RD28, RD28T	Diesel Eng	85.00 3.346	2.00 2.00 4.00	376 BF CR DI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D5058	6	STD
	2953		3.0 L	4 CYL	ZD30, ZD30DDT, ZD30DDTi	Cabstar, Caravan, Patrol, Terrano Diesel Eng.	96.00 3.779	2.50 2.00 3.00	211 HKST CC DI 257 TF CR DI 203 CF GN SS 881 2PCO	2D7309	4	STD
	2953		3.0 L	4 CYL	ZD30, ZD30DDT, ZD30DDTi	Cabstar, Caravan, Patrol, Terrano Diesel Eng.	96.00 3.779	2.50 2.00 2.00	385 HKST SS GI 135 T PC GI 203 CF GN SS 881 2PCO	2D7307	4	STD
1984-98	2960		3.0 L	6 CYL	VG30E, VG30ET	300ZX/Z31 200 SX/S12 Maxima, Pickup Pathfinder, Quest incl Turbo	87.00 3.425	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
1985-95	2960		3.0 L	6 CYL	VG30i, VG30E	D21 Pickup, Laurel Pathfinder, Terrano,	87.00 3.425	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
NISSAN												
	2962		3.0 L	6 CYL	RB30E	Skyline	86.00 3.386	1.50 1.50 2.80	032 BF PC GI 435 SCRP PC GI 861 FV CR 732 FV CR 376 BF CR DI 435 SCRP PC GI 861 FV CR 732 FV CR 397 BF PM S 435 SCRP PC GI 861 FV CR 732 FV CR	4754 4754020 4754040 2C4754 2C4754020 2M4754 2M4754020 2M4754030 2M4754040	6	STD 0.50 1.00 6 0.50 6 0.50 0.75 1.00
1995-01	2987		3.0 L	6 CYL	VQ30DE DOHC	V6 Maxima	93.00 3.661	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR 397 BF PM S 126 RVT PC GI 995 FV CR 732 FV CR	2C4781 2C4781010 2C4781020 2C4781030 2C4781040 2M4781 2M4781010 2M4781020 2M4781030 2M4781040	6	STD 0.25 0.50 0.75 1.00 6 0.25 0.50 0.75 1.00
1996-04	3275		3.3 L	6 CYL	VG33	Pathfinder, QX4	91.50 3.602	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
2007-12	3498		3.5 L	6 CYL	VQ35HR, VQ35DE DOHC	24V Altima, Maxima, Murano, 350Z Roadster	95.50 3.760	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
2009-14	3699		3.7 L	6 CYL	VQ37VHR DOHC	370 Z	95.50 3.760	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
2005-12	3954		4.0 L	6 CYL	VQ40DE DOHC	Frontier, Pathfinder, Xterra	95.50 3.760	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
1963-82	3956		4.0 L	6 CYL	P, P40	Patrol, Forklift	85.70 3.374	2.50 2.50 4.75	032 BF PC GI 401 SCRP PC GI 871 FV CR 732 FV CR 362 BF 3CR GI 401 SCRP 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 6 0.25 0.50 0.75 1.00 1.50
1987-On	4169		4.2 L	6 CYL	TB42, TB42S	Patrol Australian	96.00 3.779	2.00 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	4938 4938020 4938040 2M4938 2M4938020 2M4938030 2M4938040 2M4938060	6	STD 0.50 1.00 6 0.50 0.75 1.00 1.50
1987-On	4169		4.2 L	6 CYL	TD42	Patrol Australian Diesel Eng	96.00 3.779	2.50 2.00 4.00	363 BF CR GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D4939	6	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
NISSAN												
2004-15	5552		5.6 L	8 CYL	VK56, VK56DE, QX56 DOHC Vin: U	Armada, Titan	98.00 3.858	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 8 0.50 0.75 1.00
	5654		5.7 L	6 CYL	ED6, FD6		100.00 3.937	3.00 2.00 4.50	335 T PM DI 126 RVT PC GI 860 FV CR 732 FV CR	2M4267 2M4267020	6	STD 0.50
OLIVER-WHITE MOTORS												
				4 CYL	Sleeved Eng.	Super 55, 55HC; Super 66, 66HC; 550 Gas & * Diesel	3	1/2	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5117	4 STD
				6 CYL		248 Gas 1600	3	5/8	3/32 3/32 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	563 563020 563030	6 STD 0.50 0.75
				4 CYL	Sleeved Eng.	155 Gas & Diesel 2-44 550 & 660 Gas & Diesel	3	5/8	3/32 3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7581	4 STD
				6 CYL	Sleeved Eng.	Super 88, 88KD, 880 Gas & Diesel, 1600 Diesel	3	3/4	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5028	6 STD
				4 CYL		OC4 Gas	3	3/4	3/32 1/8 3/16 3/16	363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C6581	1 STD
				6 CYL		1800 Gas	3	3/4	3/32 3/32 3/32 3/16	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7702	6 STD
				6 CYL	Sleeved Eng.	77KD Dist., Super 77 Gas & Diesel Super 88 Gas & Diesel 88 Diesel 88HC, 88KD Dist. 177HC Ind., 188D, 188HC Ind.	3	3/4	1/8 1/8 1/8 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7747	6 STD
				6 CYL		1750G Gas to S/N 147260	3	7/8	3/32 3/32 3/16	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 0.25 0.50 0.75 1.00 1.50 2.00 6 0.25 0.50 0.75 1.00 1.50 2.00 6 0.25 0.50 0.75 1.00 1.50 2.00

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
OLIVER-WHITE MOTORS												
				6 CYL	Sleeved Eng.	1750, 1755, 1800, 1850 Gas; 1650, 1800 Series Diesel 3 Ring Piston	3	7/8	3/32 3/32 3/16	363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7179	6 STD
				6 CYL		283 Diesel 2-78, 4-78; 4-105 Gas 1650, 1800 Diesel, 1850 Gas	3	7/8	3/32 3/32 3/32 3/16	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7703	6 STD
				6 CYL	Sleeved Eng.	99D, 99HC, Super 99 199D Ind., 199HC Ind., 950 Gas & Diesel	4.000		1/8 1/8 1/8 3/16	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4007	6 STD
				4 CYL		80 HC	4	1/2	3/16 3/16 3/16 3/16	362 BF 3CR GI 102 T PC GI 401 SCRP PC GI 860 FV CR 732 FV CR	2C4157	4 STD
OLIVER-WHITE MOTORS INCREASED BORE SLEEVE												
				6 CYL	70HC, 70KD Eng. Sleeved Eng.	Genuine Slv. Kit S190 McQuay Norris SA182 Sealed Power SL 1810 Thompson Piston #L17733 White Mach. G218HCH	3	1/4	3/32 3/32 5/32 5/32	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	6 STD 1.00 1.50
				4 CYL	.66D, 66HC, Ind. 166D Sleeved Eng.	McQuay Norris #AS164	3	1/2	3/32 3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7503	4 STD
				6 CYL	Super 77, 77D, 77HC, 77KD, 88D, 88HC, Ind. 166HC, Ind., 188D Sleeved Eng.	White Mach. G225AHCH M & W Slv. Kit SP123 Diesel Eng.	3	3/4	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5028	6 STD
				6 CYL	Super 77, Super 77D, 77KD, 88D, 88HC, 770, 770D Sleeved Eng.	McQuay Norris Kit #SA166, 202, 224, 227	3	3/4	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7139	6 STD
				4 CYL	Super 55, 55D, 66, 66D, 66KD, 166HC Sleeved Eng.	Allied Slv. Kit #WSA283, 288 Permite #CSA283, 288	3	3/4	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7669	4 STD
				6 CYL	Super 77, 77D, 77HC, 77KD, 88D, 88HC, Ind. Sleeved Eng.	166HC, Ind., 188D M & W Gear SP18D Sealed Power SL1811 Thompson SA176	3	3/4	1/8 1/8 1/8 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7747	6 STD
ONAN												
				2 CYL		OTC, OTC44GN	2	3/4	3/32 3/32 3/16	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 CYL		VFA-W4, W2C, W2S, W3M, W3S	3.000		3/32 3/32 1/8 3/16	102 T PC GI 102 T PC GI 102 T PC GI 501 1PCO PC GI 825 2PCO	5172	2 STD
				2 CYL		B48G model 20 HP GA020/3707E	3	1/4	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	4398 4398010	2 STD 0.25

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
ONAN												
2 CYL						CCK, CCKM, MF/471C	3	1/4	3/32 3/32 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6261 6261020 6261040	2 STD 0.50 1.00
2 CYL 1 CYL 4 CYL						CCK, CCKA, CCKB, J60, JB, VB J30, LK J120, JC, K120	3	1/4	3/32 3/32 3/16	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 1 STD
2 CYL						NH, NHC	3	9/16	3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5360	2 STD
2 CYL						NHC Late Design	3	9/16	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6962 6962010 6962020	1 STD 0.25 0.50
OPEL												
1996-00	973		1.0 L	4 CYL	X10XE, Z10XE	Agila, Corsa	72.50 2.854	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	1 STD 0.50	
2003-On	1000		1.0 L	4 CYL	Z 10 XEP	Agila, Corsa	73.40 2.890	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	
	1078		1.1 L	4 CYL	11N, 11S	Kadett	75.00 2.953	1.75 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	4248 4248020 2C4248 2C4248020 2C4248030 2C4248040 2C4248060	4 STD 0.50 4 STD 0.50 0.75 1.00 1.50	
2017-On	1119		1.2 L	3 CYL	B 12 XE	Crossland	75.00 2.953	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	
1973-80	1196		1.2 L	4 CYL	12N, 12NC, 12S, 12SC, E12GV	Ascona, Corsa, Kadette, Manta	79.00 3.110	2.00 2.00 5.00	032 BF PC GI 401 SCRP PC GI 871 FV CR 732 FV CR 362 BF 3CR GI 401 SCRP PC GI 871 FV CR 732 FV CR	4413 4413020 4413040 2C4413 2C4413020 2C4413040	4 STD 0.50 1.00 4 STD 0.50 1.00	
	1196		1.2 L	4 CYL	12NZ, C12NZ, X12SZ	Corsa	72.00 2.835	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	
2004-On	1199		1.2 L	4 CYL	Z 12 XEP	Agial, Astra, Corsa 1.2 l	73.40 2.890	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	
1998-00	1199		1.2 L	4 CYL	Z12XE, X12XE	Astra, Agila, Corsa	72.50 2.854	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 STD 0.50 1 STD 0.25 0.50	

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
OPEL												
2003-201	1248		1.3 L	4 CYL	Z 13 DT, Y 13 DT Euro 3/4	Agila, Corsa, Combo, Meriva Diesel Eng	69.60 2.740	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
2006-On	1248		1.3 L	4 CYL	A 13 DTC, A 13 DTR A 13 FD Euro 5	Corsa, Combo Turbo Diesel	69.60 2.740	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
1979-91	1297		1.3 L	4 CYL	1.3NB, 1.3S	Corsa, Kadett	75.00 2.953	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 7228060 2D7228 2D722850 2D722875 2D7228100 2D7228150	4	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
1979-91	1297		1.3 L	4 CYL	13 N, 13 NB, 13 SB	Ascona, Kadett, Manta	75.00 2.953	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	STD 0.50 STD 0.50 0.75 1.00 1.50
1979-On	1300		1.3 L	4 CYL		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 2.953	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	STD 0.25 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00
2010-On	1364		1.4 L	4 CYL	A 14 NET Euro 5	Astra, Corsa, Insignia	72.50 2.854	1.20 1.20 2.00	322 BF GN SS 406 N PC DI 987 FV GN SS 714 GN SS	2N4141	4	STD
2001-On	1364		1.4 L	4 CYL	Z 14 XEP	Astra, Corsa, Meriva	73.40 2.890	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
1988-91	1389		1.4 L	4 CYL	C1.4NZ	Astra, Corsa, Kadett	77.60 3.055	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	STD 0.25 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00
	1389		1.4 L	4 CYL	Z 14 XE	Astra Corsa	77.60 3.055	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
1965-71	1500		1.5 L	4 CYL		Rekord B, C, L	82.50 3.248	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	6823 2C6823 2C6823060	4	STD STD 1.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
OPEL												
1997-On	1598		1.6 L	4 CYL		16V Astra, Vectra W/2.0Mm Oil Grv.	79.00 3.110	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
1997-10	1598		1.6 L	4 CYL	Y 16 XE, Z 16 SE, Z 16 XE	Astra, Corsa, Vectra, Tigra	79.00 3.110	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
1982-89	1598		1.6 L	4 CYL	16 D, 16 DA	Ascona C, Kadett D Kadett E Diesel Eng w/ 2pc Oil	80.00 3.150	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
									362 BF 3CR GI 401 SCRPP PC GI 204 CF CR DI 881 2PCO	2D4709 2D470950	4	STD 0.50
2000-10	1598		1.6 L	4 CYL	Z 16 XEP, Z 16 XE1	Astra, Meriva, Vectra	79.00 3.110	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
1970	1600		1.6 L	4 CYL	16 N, 16 S	Ascona Manta	85.00 3.346	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
1959-65	1600		1.6 L	4 CYL		Car-A-Van 17, Olympia, Rekord P17	85.00 3.346	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
2007-14	1686		1.7 L	4 CYL	A17DT, A1DTC, A17DTI A17DTJ, A17DTL, A17DTR, A17DTS, Z17DT, Z17DTJ, Z17DTR	Astra, Corsa, Meriva, Zafira	79.00 3.110	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
1965-On	1698		1.7 L	4 CYL		Car-A-Van, Coupe, L, Rekord, 75 Din-Ps	88.00 3.464	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
	1700		1.7 L	4 CYL		Astra, Kadett, Vectra	82.49 3.247	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
	1796		1.8 L	4 CYL	X18XE1	Astra, Vectra	80.50 3.169	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
1997-On	1799		1.8 L	4 CYL		Astra 180ie Ecotec	81.60 3.212	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
									363 BF CR GI 401 SCRPP PC GI 054 FV CR 732 FV CR	2C5200 2C5200020	4	STD 0.50
	1800		1.8 L	4 CYL		Calibra, Vectra	81.60 3.212	1.50 1.50 3.00	363 BF CR GI 401 SCRPP PC GI 997 FV CR 732 FV CR	2C5269	2	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
OPEL												
1976-80	1817		1.8 L	4 CYL		Isuzu	84.07 3.310	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
1998-01	1870		1.9 L	4 CYL	F8Q	600, 606, 676, 714, 730, 732 Diesel Eng	80.00 3.150	2.00 2.00 3.00	219 BF PM DI 209 RVT PC DI 204 CF CR DI	2M5860	1	STD
1998-05	1896		2.0 L	4 CYL	X20DTL, Y20DTL SOHC	Astra, Vectra Diesel Eng	84.00 3.307	2.00 1.75 3.00	205 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2D7290	1	STD
2004-10	1910		1.9 L	4 CYL	Z 19 DTH, Z 19 DTJ	Cdti Astra, Signum, Vectra, Zafira Turbo Diesel	82.00 3.228	2.00 2.00 2.00	205 BF CR DI 214 RVL PC DI 248 CF CR 881 2PCO	2D7366 2D736640 2D736660	1	STD 0.40 0.60
2008-On	1956		2.0 L	4 CYL	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	Astra, Cascada, Combo Insignia, Zafira Diesel Eng Turbo Intercooled	83.00 3.268	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
2006-On	1991		2.0 L	4 CYL	Z 20DM, Z20 DHM, Z20S	Antara	83.00 3.268	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
2006-On	1995		2.0 L	4 CYL	M9R	Turbo Diesel	84.00 3.307	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
1997-05	1995		2.0 L	4 CYL	X20DTH SOHC	Astra, Vectra Turbo Diesel W/Keystone Top Grv.	84.00 3.307	2.50 1.75 3.00	241 FKST CC DI 218 TF PC DI 204 CF CR DI 881 2PCO	2D7376	1	STD
1997-05	1995		2.0 L	4 CYL	Y 20 DTH SOHC	Astra, Omega, Vectra Turbo Diesel	84.00 3.307	1.75 1.75 3.00	205 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2D7167	1	STD
2007-On	1998		2.0 L	4 CYL	X20XER, Z20LEH, Z20LER, Z20LET,	Astra, Vectra	86.00 3.386	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
1986-98	1998		2.0 L	4 CYL	20 E, 20 SE, 20 SEH, 20 SER, 20 XE, C 20 LET, C 20 NE, C 20 XE, X 20 XEV	Ascona, Astra, Calibra, Kadett, Omega, Vectra	86.00 3.386	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
1975-81	2000		2.0 L	4 CYL		Rekord 2000 Diesel Eng	86.50 3.405	2.00 2.00 4.00	362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C5591	4	STD
1972-On			2.1 L	4 CYL		Rekord 2100D Diesel Eng	88.00 3.464	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
OPEL												
1997-08	2172		2.2 L	4 CYL	X 22 DTH, Y 22 DTH, Y 22 DTR SOHC	Turbo Diesel	84.00 3.307	1.75 1.75 3.00	205 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2D7167	1	STD
2000-On	2188		2.2 L	4 CYL	G9T.720, G9T.722, G9T.750	Movano Turbo Diesel	87.00 3.425	3.00 1.75 2.50	228 HKST PM DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2M7349	1	STD
1984-On	2197		2.2 L	4 CYL		Monza, Rekord, Senator Cd, Gl, Gl	95.00 3.740	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	4	STD 0.50
2000-10	2198		2.2 L	4 CYL	Y22SE, Z22SE, Z22XE, Z22YH	Astra, Vectra, Omega	86.00 3.386	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
	2400		2.4 L	4 CYL		Calibra, Vectra	81.60 3.212	1.50 1.50 3.00	363 BF CR GI 401 SCRPP PC GI 997 FV CR 732 FV CR	2C5269	2	STD
2003-06	2464		2.5 L	4 CYL	G9U 630, G9U.632, G9U.720	Movano, Vivaro Turbo Diesel	89.00 3.504	3.00 1.75 2.50	228 HKST PM DI 218 TF PC DI 204 CF CR DI 881 2PCO	2M7328	1	STD
1967-88	2490		2.5 L	6 CYL	25 CIH, 25H, 25S	Blitz, Commodore, Senator Commodore A/B/C, Senator	87.00 3.425	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	4416 4416030 4416040	6	STD 0.75 1.00
										2C4416 2C4416020 2C4416040	6	STD 0.50 1.00
1989-97	2499		2.5 L	4 CYL	4JA1	Chrome Slv Use 7384 Only Diesel Eng	93.00 3.661	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	1	STD
										2C7384	1	STD
1937-53	2500		2.5 L	6 CYL		Blitzwagen, Kapitan, Super Six	80.00 3.150	3.00 3.00 4.75	102 T PC GI 401 SCRPP PC GI 871 FV CR 732 FV CR	5806	6	STD
1996-98	2500		2.5 L	4 CYL	25TDS (VM41B)	Frontera Turbo Diesel	92.00 3.622	2.50 2.00 4.00	225 FKST CR DI 210 SCRPP TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
1990-94	2594		2.6 L	6 CYL	C 26 NE	Omega, Senator	88.80 3.496	1.50 1.50 3.00	362 BF 3CR GI 126 RVT PC GI 054 FV CR 732 FV CR	2C5283	6	STD
1959-64	2600		2.6 L	6 CYL		Blitz, Kapitan P, PI	85.00 3.346	2.50 2.50 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	5994 5994030 5994040 5994060	6	STD 0.75 1.00 1.50
										2C5994 2C5994030 2C5994040 2C5994060	6	STD 0.75 1.00 1.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
OPEL												
1965-On	2784		2.8 L	6 CYL	28E, 28HL, 28S	Admiral, Commodore, Diplomat 2600E	92.00 3.622	2.00 2.00 5.00	032 BF PC GI 401 SCRP PC GI 860 FV CR 732 FV CR	5084 5084020	6	STD 0.50
									362 BF 3CR GI 401 SCRP PC GI 860 FV CR 732 FV CR	2C5084 2C5084020 2C5084040	6	STD 0.50 1.00
1998-01	2799		2.8 L	4 CYL	S9W.700, S9W.702 Through - Eng.2572279	Movano Turbo Diesel	94.40 3.716	3.00 2.00 3.00	225 FKST CR DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2C7353	1	STD
1998-01	2799		2.8 L	4 CYL	S9W.700, S9W.702 Eng.2572280-On	Movano Turbo Diesel	94.40 3.716	2.50 2.00 2.50	233 FKST PM DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2M7450	1	STD
1985-91	2962		3.0 L	6 CYL	RB30E OHC	VI Commodore, Nissan Australia Incl. Turbo	86.00 3.386	1.50 1.50 4.00	376 BF CR DI 435 SCRP PC GI 058 FV CR 732 FV CR	2C4713 2C4713010 2C4713020 2C4713030 2C4713040	6	STD 0.25 0.50 0.75 1.00
1994-01	2962		3.0 L	6 CYL	X 30 XE	Omega, Sintra 3.0 I 24 V	86.00 3.386	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
1987-94	2969		2.8 L	4 CYL	C 30 NE	Omega, Senator	95.00 3.740	2.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 056 FV CR 732 FV CR	4246 4246040	4	STD 1.00
									362 BF 3CR GI 126 RVT PC GI 056 FV CR 732 FV CR	2C4246 2C4246040	4	STD 1.00
PACKARD												
1948-54 1948-54				8 CYL		All Eng. Nos. with Suffix "C"	3	1/2 3/32 3/32 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	458	8	STD
1940-53				8 CYL		All Eng. Nos. w/o Suffix "C"	3	1/2 3/32 1/8 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	4048	8	STD
1957-58	4736	289	4.7 L	8 CYL		All Models 57L, 58, 58L Packard, 5406, 5426, 5431 212 H.P.	3	9/16 5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	630 630060	8	STD 1.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
PACKARD												
1955-56	5768	352	5.8 L	8 CYL		5560, 5580, 5640, 5650, Clipper, Custom, Deluxe, Patrician, Super, 400	4.000	5/64 5/64 3/16	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
1954	5883	359	5.9 L	8 CYL		All Models 57L, 58, 58L Packard, 5406, 5426, 5431 212 H.P.	3	9/16 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	630 630060	8	STD 1.50
1956	6129	374	6.1 L	8 CYL		5680, 5688, Patrician, 400 Carribean	4	1/8 5/64 5/64 3/16	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
PALMER												
1986-91	4949	302	4.9 L	8 CYL			101.60 4.000	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 635 FV CR 732 FV CR	4346 4346020 4346030 4346040 4346060	8	STD 0.50 0.75 1.00 1.50
									327 BF PM GI 126 RVT PC GI 635 FV CR 732 FV CR	2M4346 2M4346010 2M4346020 2M4346030 2M4346040 2M4346060	8	STD 0.25 0.50 0.75 1.00 1.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
PALMER												
1968-85	4949	302	4.9 L	8 CYL			4.000	5/64 5/64 3/16	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
	4982	304	5.0 L	8 CYL			3	7/8 3/32 3/32 3/16	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
	5654	345	5.7 L	8 CYL			3	7/8 3/32 3/32 3/16	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE										
PALMER																						
5752	351	5.8 L	8 CYL				4.000	5/64 5/64 3/16	032 BF PC GI	139	8	STD										
									126 RVT PC GI	139010		0.25										
									860 FV CR	139020		0.50										
									732 FV CR	139030		0.75										
										139040		1.00										
										139060		1.50										
										139070		1.75										
										139080		2.00										
										139100		2.50										
									362 BF 3CR GI	2C139	8	STD										
									126 RVT PC GI	2C139010		0.25										
									860 FV CR	2C139020		0.50										
									732 FV CR	2C139030		0.75										
										2C139040		1.00										
										2C139060		1.50										
										2C139070		1.75										
									2C139080		2.00											
									2C139100		2.50											
								3/16	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										
									6424	392	6.4 L	8 CYL				4	1/8	3/32	363 BF CR GI	2C6094	8	STD
																		3/32	126 RVT PC GI	2C6094020		0.50
																		3/16	860 FV CR	2C6094030		0.75
																			732 FV CR	2C6094040		1.00
		2C6094060		1.50																		
327 BF PM GI	2M6094	8	STD																			
126 RVT PC GI	2M6094030		0.75																			
860 FV CR	2M6094040		1.00																			
732 FV CR	2M6094060		1.50																			
6571	401	6.6 L	8 CYL				4	16/97										5/64	032 BF PC GI	672	8	STD
																		5/64	126 RVT PC GI	672030		0.75
																		3/16	860 FV CR	672040		1.00
										732 FV CR												
									362 BF 3CR GI	2C672	8	STD										
									126 RVT PC GI													
									860 FV CR													
									732 FV CR													
									327 BF PM GI	2M672	8	STD										
									126 RVT PC GI	2M672030		0.75										
									860 FV CR													
									732 FV CR													
6620	404	6.6 L	8 CYL				4	1/8	3/32	363 BF CR GI	2C6094	8	STD									
									3/32	126 RVT PC GI	2C6094020		0.50									
									3/16	860 FV CR	2C6094030		0.75									
										732 FV CR	2C6094040		1.00									
											2C6094060		1.50									
									327 BF PM GI	2M6094	8	STD										
									126 RVT PC GI	2M6094030		0.75										
									860 FV CR	2M6094040		1.00										
									732 FV CR	2M6094060		1.50										
									8997	549	9.0 L	8 CYL				4	1/2	3/32	032 BF PC GI	6309	8	STD
																		3/32	126 RVT PC GI			
																		3/16	860 FV CR			
	732 FV CR																					
363 BF CR GI	2C6309	8	STD																			
126 RVT PC GI	2C6309020		0.50																			
860 FV CR	2C6309030		0.75																			
732 FV CR	2C6309040		1.00																			
	2C6309060		1.50																			

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
PERKINS												
	2491	152	2.5 L	3 CYL	3A.152 Sleeved Eng.	S/N 1935854-on S/N 2939036-on For Late Piston Chrome Slvs use 7140 only Diesel Eng	3 3/5	3/32 3/32 1/8 1/4 1/4	103 T PC DI 103 T PC DI 103 T PC DI 502 1PCO PC DI 502 1PCO PC DI	7140	1	STD
	3327	203	3.3 L	4 CYL	4A.203D Sleeved Eng.	S/N 1935854-on S/N 2939036-on For Late Piston Chrome Slvs use 7140 only Diesel Eng	3 3/5	3/32 3/32 1/8 1/4 1/4	103 T PC DI 103 T PC DI 103 T PC DI 502 1PCO PC DI 502 1PCO PC DI	7140	1	STD
	3474	212	3.5 L	4 CYL	AG4-212	Gas Engs.	3.877	3/32 3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 871 FV CR 732 FV CR	2C7243	4	STD
	3867	236	3.9 L	4 CYL	G4-236	Gas Engs.	3.877	3/32 3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 871 FV CR 732 FV CR	2C7243	4	STD
	3990		4.0 L	4 CYL	1004.4	Naturally Aspirated	100.00 3.937	2.50 2.50 4.00	362 BF 3CR GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2C7258	1	STD
	4998	305	5.0 L	6 CYL	6.305D Sleeved Eng.	S/N 1935854-on S/N 2939036-on For Late Piston Chrome Slvs use 7140 only Diesel Eng	3 3/5	3/32 3/32 1/8 1/4 1/4	103 T PC DI 103 T PC DI 103 T PC DI 502 1PCO PC DI 502 1PCO PC DI	7140	1	STD
	5985		6.0 L	6 CYL	1006.6	Naturally Aspirated	100.00 3.937	2.50 2.50 4.00	362 BF 3CR GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2C7258	1	STD
PEUGEOT												
1975-87	954		1.0 L	4 CYL	XV3, XV5, XV8	104, 205	70.00 2.756	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	4373 4373040	4	STD 1.00
1987-On	954		1.0 L	4 CYL	TU9/C1/H1	106XN, 20J, 205XL ,GL,XE,XR, 205 Junior	70.00 2.756	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	5013 5013016 5013024 5013040 5013060 2C5013 2C5013016 2C5013024 2C5013032	4	STD 0.40 0.60 1.00 1.50 STD 0.40 0.60 0.80
2012-On	999		1.0 L	3 CYL	EAO	108, 208	71.00 2.795	1.00 1.00 2.00	322 BF GN SS 123 RVT PC DI 248 CF CR 881 2PCO	2N4057	3	STD
2013-18	1119		1.2 L	3 CYL	HMP, HMT, HMZ, HNY, HNZ	108, 208, 308, 2008, 3008, 5008, Grand Raid	75.00 2.953	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
2002-08	1124		1.1 L	4 CYL	TU1JP	Koral 1.1	72.00 2.835	1.50 1.50 2.50	376 BF CR DI 406 N PC DI 199 CF DI 881 2PCO	2C4128	4	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
PEUGEOT												
1983-90	1124		1.1 L	4 CYL	XW3S, XW7	104, 205	72.00 2.835	1.50 2.00 4.00	032 BF PC GI 401 SCRP PC GI 056 FV CR 732 FV CR	4486 4486010 4486020	4	STD 0.25 0.50
									362 BF 3CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C4486 2C4486010 2C4486020	4	STD 0.25 0.50
1988-01	1124		1.1 L	4 CYL	TU1 (H1A/H1B/H3A) TU1M	106I, II, 206 I, II, 205 Box, 205II, 309II Partner	72.00 2.835	1.50 2.00 3.00	362 BF 3CR GI 401 SCRP PC GI 054 FV CR 732 FV CR	2C9356 2C9356020	4	STD 0.50
1975-80	1127		1.1 L	4 CYL	XK5	204, 304	78.00 3.071	1.75 2.00 4.00	032 BF PC GI 401 SCRP PC GI 860 FV CR 732 FV CR	6197 6197010	4	STD 0.25
									362 BF 3CR GI 401 SCRP PC GI 860 FV CR 732 FV CR	2C6197 2C6197010 2C6197020	4	STD 0.25 0.50
1968-73	1255		1.3 L	4 CYL	1.3 L diesel I4	204 Diesel Moteur XLD	75.00 2.953	1.50 1.50 4.00	032 BF PC GI 435 SCRP PC GI 056 FV CR 732 FV CR	7228 7228020 7228030 7228040 7228060	4	STD 0.50 0.75 1.00 1.50
									363 BF CR GI 435 SCRP PC GI 553 CF CR GI 881 2PCO	2D7228 2D722850 2D722875 2D7228100 2D7228150	4	STD 0.50 0.75 1.00 1.50
1969-75	1288		1.3 L	4 CYL	XL3	304, 304S	76.00 2.992	1.75 2.00 4.00	102 T PC GI 401 SCRP PC GI 056 FV CR 732 FV CR	4330 4330010 4330020 4330030 4330040	4	STD 0.25 0.50 0.75 1.00
									362 BF 3CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C4330 2C4330010 2C4330020 2C4330040	4	STD 0.25 0.50 1.00
1972-82	1290		1.3 L	4 CYL	XL5, XL5S	304, 305	78.00 3.071	1.75 2.00 4.00	032 BF PC GI 401 SCRP PC GI 860 FV CR 732 FV CR	6197 6197010	4	STD 0.25
									362 BF 3CR GI 401 SCRP PC GI 860 FV CR 732 FV CR	2C6197 2C6197010 2C6197020	4	STD 0.25 0.50
1987-90	1294		1.3 L	4 CYL	TU2.4	205II	75.00 2.953	1.75 2.00 3.00	362 BF 3CR GI 401 SCRP PC GI 054 FV CR 732 FV CR	2C9372 2C9372010 2C9372020 2C9372030	4	STD 0.25 0.50 0.75
1973-80	1357		1.4 L	4 CYL	Moteur XL4D	204, 304 Diesel Eng	78.00 3.071	1.75 2.00 3.00	362 BF 3CR GI 401 SCRP PC GI 553 CF CR GI 881 2PCO	2D7239	4	STD
1987-10	1360		1.4 L	4 CYL	TU3A, TU3 F, TU3 F2C TU3M, TU3MC, TU3S	106, 205, 309, 405	75.00 2.953	1.75 2.00 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	5068 5068020	4	STD 0.50
									362 BF 3CR GI 126 RVT PC GI 054 FV CR 732 FV CR	2C5068 2C5068010 2C5068020 2C5068030 2C5068040	4	STD 0.25 0.50 0.75 1.00
1988-11	1360		1.4 L	4 CYL	TU3 All K2B, KDX, KDZ KDY, KFZ, KAY, KFW KFV, KFT, K6F, K6E, KFY, KFZ, K2A, KDX	205II	75.00 2.953	1.75 2.00 3.00	362 BF 3CR GI 401 SCRP PC GI 054 FV CR 732 FV CR	2C9372 2C9372010 2C9372020 2C9372030	4	STD 0.25 0.50 0.75

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
PEUGEOT												
1993-12	1361		1.4 L	4 CYL	TU3JP, TU3JP-L4	106, 206, 306, 307 Partner 1.4i	75.00 2.953	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
2001-09	1398		1.4 L	4 CYL	DV4TD, DV4TED4	206, 307, 1007 Turbo Diesel	73.70 2.902	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
1977-82	1472		1.5 L	4 CYL	XR5	305	78.00 3.071	1.75 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 860 FV CR 732 FV CR	6197 6197010	4	STD 0.25
									362 BF 3CR GI 401 SCRPP PC GI 860 FV CR 732 FV CR	2C6197 2C6197010 2C6197020	4	STD 0.25 0.50
1995-On	1527		1.5 L	4 CYL	TUD5, TUD 5B	106 1.5 D Diesel Eng	77.00 3.031	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
2004-15	1560		1.6 L	4 CYL	DV6TED4, DV6ATED4, DV6UTED4	Expert, Grand Raid, Partner, 206, 207 Turbo Diesel	75.00 2.953	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
2009-On	1560		1.6 L	4 CYL	DV6BTED4, DV6BTED4 DV6C, DV6CTED, DV6DTED, DV6DTED DV6DTEDM, DV6ETEDM	Partner, 207, 308, 508, 2008 Diesel Eng Incl. Turbo	75.00 2.953	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
1984-96	1580		1.6 L	4 CYL	XU5J, XU5JA, XU5JM	205, 309	83.00 3.268	1.50 1.50 4.00	376 BF CR DI 126 RVT PC GI 058 FV CR 732 FV CR	2C5881	4	STD
1994-04	1581		1.6 L	4 CYL	XU5JP, XU5JPZ	405, 406	83.00 3.268	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
1996-15	1587		1.6 L	4 CYL	NFU, NFX, TU 5 JP 4	106, 206, 307 Berlingo, C3, 110 Saxo Partner, Xsara	78.50 3.090	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
1987-On	1592		1.6 L	4 CYL	J2	205 GTX, 309 SR	80.60 3.173	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
1967-87	1618		1.6 L	4 CYL	XC6, XCSP, XC7P	404, 504, J7, J9	84.00 3.307	2.00 2.00 4.50	032 BF PC GI 401 SCRPP PC GI 871 FV CR 732 FV CR	6713 6713020 6713030	4	STD 0.50 0.75
									362 BF 3CR GI 401 SCRPP PC GI 871 FV CR 732 FV CR	2C6713	4	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
PEUGEOT												
1992-04	1762		1.8 L	4 CYL	XU7JB, XU7JP, XU7JPZ, XU7JP4	306, 405	83.00 3.268	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	STD 0.25 0.50 1.00 STD 0.25 0.50 0.75 1.00 1.50 STD
1968-94	1796		1.8 L	4 CYL	KF5, XM, XM7, XM7A, XM7T	504, 505, J7, J5 Box	84.00 3.307	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 2C9516 2C9516010 2C9516020 2C9516024 2C9516030 2C9516032 2C9516040 2C9516060 2C9516063	9516 9516010 9516020 9516030 9516032 9516040 9516060 2C9516 2C9516010 2C9516020 2C9516024 2C9516030 2C9516032 2C9516040 2C9516060 2C9516063	4 4	STD 0.25 0.50 0.75 0.80 1.00 1.50 STD 0.25 0.50 0.60 0.75 0.80 1.00 1.50 1.60
1996-15	1868		1.9 L	4 CYL	DW8, DW8B SOHC	206, 306, Expert Jumpy, Partner, Xsra Diesel Eng	82.20 3.236	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 1	STD STD 0.50
1982-02	1905		1.9 L	4 CYL	XUD 9, XUD 9 A	205, 305, 306, 309,405, Boxer, Partner, Ranch Diesel Eng	83.00 3.268	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	STD 0.50 STD 0.50
1982-98	1905		1.9 L	4 CYL	XU5J, XU51C, XU5CP, XU5S, XU51C, XU52C, XU92C	205 GTi, 305 GT, GTX, 405	83.00 3.268	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	STD STD
1988-96	1905		1.9 L	4 CYL	XUD9A, XUD9BSD, XUD9SD, XUD9TE	306, 309, 405, 406 406, Expert, 806, Boxer Diesel Eng	83.00 3.268	3.50 2.00 3.00	224 FKST PM DI 202 TTF PC DI 204 CF CR DI 881 2PCO	2M7157	1	STD
1997-04	1905		1.9 L	4 CYL	XUD9A, XUD9TE XUD9TF	306, 309, 405, 406 406, Expert, 806, Boxer Diesel Eng	83.00 3.268	3.00 2.00 3.00	221 FKST CC DI 202 TTF PC DI 204 CF CR DI 881 2PCO	2D7351	1	STD
1982-98	1905		1.9 L	4 CYL	XUD 9, XUD 9 A	205, 305, 306, 309,405, Boxer, Partner, Ranch Diesel Eng	83.00 3.268	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
PEUGEOT												
1987-93	1905		1.9 L	4 CYL	XU9J4	306, 406 Incl. Turbo	83.00 3.268	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 SCRIP PC GI 987 FV GN SS 714 GN SS	4651 4651010 4651020 4651040 2C4651 2C4651010 2C4651020 2C4651030 2C4651040 2C4651060 2N4651	4	STD 0.25 0.50 1.00 4 0.25 0.50 0.75 1.00 1.50 4 STD
1985-98	1905		1.9 L	4 CYL	XU9J2, XU9JA XU9JAZ, XU9M, XU9S X92C	205, 305, 405	83.00 3.268	1.50 1.50 4.00	376 BF CR DI 126 RVT PC GI 058 FV CR 732 FV CR	2C5881	4	STD
1968-89	1948		1.9 L	4 CYL	XD 88, XDP 4.88	504, J7 Diesel Eng	88.00 3.464	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 362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 871 FV CR 732 FV CR	6861 6861020 2C6861 2C6861020 2C6861040	4	STD 0.50 STD 0.50 1.00
1971-89	1971		2.0 L	4 CYL	XN1, XN1A, XN1T, XN1TA, XN1P, XN1T, XN2, ZMJ	504, 505, J5, J9	88.00 3.464	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	4279 4279020 2C4279 2C4279010 2C4279020 2C4279040	4	STD 0.50 STD 0.25 0.50 1.00
2010-On	1997		2.0 L	4 CYL	AHR, AHV, AHW, AHX, AHZ, RHZ, RHD, RHE, RHH, DW10FD	308, 407, 508, 5008, Expert Diesel Eng	85.00 3.346	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
2000-06	1997		2.0 L	4 CYL	DW10ATED, DW10BTED	Break, Expert Turbo Diesel	85.00 3.346	3.50 2.00 3.00	213 FKST CC DI 210 SCRIP TF PC DI 204 CF CR DI 881 2PCO	2D7176 2D717660	1	STD 0.60
1999-12	1998		2.0 L	4 CYL	EW 10 J4, EW 10L3, EW 10L4	206, 307, 308, 407, 807	85.00 3.346	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 STD 0.20 0.40 0.60 0.80
1992-04	1998		2.0 L	4 CYL	XU102C, XU10J2 XU10J2TE, XU10J4 XU10J4R	405 SRi, STi, GTX, Motor Hunter 605 SLi, SRi, SVi	86.00 3.386	1.50 1.75 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR 397 BF PM S 126 RVT PC GI 054 FV CR 732 FV CR	5065 5065020 2M5065 2M5065010 2M5065020 2M5065030 2M5065040 2M5065060	4	STD 0.50 STD 0.25 0.50 0.75 1.00 1.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
PEUGEOT												
1968-86	2112		2.1 L	4 CYL	XDP90, XD4x90	504, J7	90.00 3.543	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
2007-On	2179		2.2 L	4 CYL	DW12C, DW12MTED4, DW12MTED4	508, 4007 Diesel Eng	85.00 3.346	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
2000-04	2179		2.2 L	4 CYL	DW12BTED4, DW12TED4	Boxer, Break, Coupe Turbo Diesel	85.00 3.346	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
1975-93	2304		2.3 L	4 CYL	EN 55 XD2, XD3	504, 505D w/o Turbo Diesel Eng	94.00 3.701	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
1984-On	2500		2.5 L	4 CYL	CRD93, CRD93L	J5 Diesel Eng	93.00 3.661	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
1977-84	2664		2.7 L	6 CYL	ZM (112), ZMJ (140)	504, 604	88.00 3.464	1.50 2.00 4.00	032 BF PC GI 401 SCRPF PC GI 056 FV CR 732 FV CR	4488 4488030	6	STD 0.75
									362 BF 3CR GI 401 SCRPF PC GI 056 FV CR 732 FV CR	2C4488 2C4488030	6	STD 0.75
2000-04	2798		2.8 L	4 CYL	8140.23	Boxer Turbo Diesel	94.40 3.716	3.00 2.00 3.00	225 FKST CR DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2C7353	1	STD
1999-02	2798		2.8 L	4 CYL	8140.63(F28D)	Boxer Diesel Eng	94.40 3.716	3.00 2.00 2.50	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7449	1	STD
2000-09	2798		2.8 L	4 CYL	8140.43N, 8140.43S	Boxer, Chassis Turbo Diesel	94.40 3.716	2.50 2.00 2.50	233 FKST PM DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2M7450	1	STD
PORSCHE												
1952-55	1300		1.3 L	4 CYL		Sport 1300	80.00 3.150	3.00 3.00 5.00	102 T PC GI 401 SCRPF PC GI 501 1PCO PC GI	5755	4	STD
1952-55	1500		1.5 L	4 CYL		1500, 1500 Super	80.00 3.150	3.00 3.00 5.00	102 T PC GI 401 SCRPF PC GI 501 1PCO PC GI	5755	4	STD
1965-70	1582		1.6 L	4 CYL	616.36, 616.39, 616.40	912, 912 Targa	82.50 3.248	1.50 2.00 4.00	362 BF 3CR GI 401 SCRPF PC GI 056 FV CR 732 FV CR	2C6801	4	STD
1971-73	1679		1.7 L	4 CYL		914.7	90.00 3.543	2.00 2.00 5.00	362 BF 3CR GI 401 SCRPF PC GI 871 FV CR 732 FV CR	2C6864	4	STD
1973-76	1795		1.8 L	4 CYL	AN, AP	914 1.8	93.00 3.661	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
PORSCHE												
1976-79	1984		2.0 L	4 CYL	XJ	924 2.0 w/Mahle Piston	86.50 3.405	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
1977-On	3229		3.3 L	6 CYL	930.60, M 30.69 930.66/68, M 30.69S	911 3.3 911 Targa Turbo Intercooled	97.00 3.819	1.50 1.50 3.50	336 T PM DI 126 RVT PC GI 058 FV CR 716 FV	2M4789	6	STD
2004-On	4511		4.5 L	8 CYL	M 48.50S	Cayenne (955) Turbo S 4.5	93.00 3.661	1.20 1.50 2.00	322 BF GN SS 126 RVT PC GI 987 FV GN SS 714 GN SS	2N4077	8	STD
RENAULT												
2012-18	898		0.9 L	3 CYL	H4B 400 H4B 401 H4B 408	Captur, Clio, Sandersos, Thalia, Twingo	72.20	1.20 1.50 2.00	326 TBF GN SS 410 TFN CR DI 993 FV GN SS 714 GN SS	2N5307	1	STD
1985-93	956		1.0 L	4 CYL	C1C 706, C1C 708, C1C 754	Rapid Box 1.0 4 1.0	65.00 2.559	1.75 2.00 3.50	102 T PC GI 401 SCRPP PC GI 054 FV CR 732 FV CR	4369	4	STD
									362 BF 3CR GI 401 SCRPP PC GI 054 FV CR 732 FV CR	2C4369	4	STD
	999		1.0 L	3 CYL	B4D	Kwid, Sandero, Logan Flex	71.00 2.795	1.00 1.20 2.00	398 BF CR S 610 RVT PC GI 993 FV CR 005 FV CR	2C4090 2C409050	3	STD 0.50
2014-On	999		1.0 L	3 CYL	H4D 400	Twingo	72.20	1.20 1.50 2.00	326 TBF GN SS 410 TFN CR DI 993 FV GN SS 714 GN SS	2N5307	1	STD
1962-98	1108		1.1 L	4 CYL	688 02, 688 10, 688 11 C1E (688.01), C1E 700 C1E 715, C1E 720, C1E 750, C1E 754 C1E 756, C1E 792	R4, R5, R6L, , Express Clio I, , Rapid Box, Super 5 1.1	70.00 2.756	1.75 2.00 3.50	032 BF PC GI 401 SCRPP PC GI 055 FV CR 732 FV CR	4652	4	STD
									362 BF 3CR GI 401 SCRPP PC GI 055 FV CR 732 FV CR	2C4652	4	STD
1962-90	1108		1.1 L	4 CYL	C1E (688.01), C1E 688	R6, R8, R10 Express 1.1	70.00 2.756	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
2000-On	1149		1.1 L	4 CYL	D4F 702, D4F 704 D4F 704, D4F 712 D4F 722, D4F 728 D4F 730, D4F 740	Twingo, 16V w/1.2mmtop grv.	69.00 2.716	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
1998-On	1149		1.1 L	4 CYL	D7F, F4P	Clio, Twingo, Modus, Kangoo	69.00 2.716	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
1990-98	1171		1.2 L	4 CYL	E5F 710, E5F 716 E7F 700, E7F 704 E7F 706, E7F 708 E7F 730, E7F 750	Clio, Rapid Box, 19 II	75.80 2.984	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
									362 BF 3CR GI 401 SCRPP PC GI 054 FV CR 732 FV CR	2C4859 2C4859010 2C4859020	4	STD 0.25 0.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
RENAULT												
2013-On	1197		1.2 L	4 CYL	H5F 400 H5F 402 H5F 403 H5F 404 H5F 408 H5F 412	Captur, Clio, Kangoo, Megane, Grnad Scenic,	72.20	1.20 1.50 2.00	326 TBF GN SS 410 TFN CR DI 993 FV GN SS 714 GN SS	2N5307	1	STD
1991-98	1200		1.2 L	4 CYL	C3G 700, C3G 702 C3G 712, C3G 720 C3G 750	Clio, Rapid Box, Twigo	74.00 2.913	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 2C4988 2C4988010 2C4988020 2C4988030 2C4988040	4	STD 0.50 1.00 STD 0.25 0.50 0.75 1.00
1967	1255		1.3 L	4 CYL	812E	Gordini 1300, R8	74.50 2.933	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
1969-84	1289		1.3 L	4 CYL	810.01, 810.02, 810.03, 810.05, 810.10, 810.19 810.25, 810.26, 810.96 810.97	Estafette, 12 1.3, 10 1.3 R11 1.3, Rodeo 5, 5 Box	73.00 2.874	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 2C6870 2C6870010 2C6870030	4	STD STD 0.25 0.75
2004-10	1390		1.4 L	4 CYL	K7J, K7J 710	Logan, Sandero	79.50 3.130	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
1988-03	1390		1.4 L	4 CYL	E6J 700, E6J 712 E6J 713, E6J 718 E7J 624, E7J 634 E7J 718, E7J 719	Clio, Kangoo, Megane	75.80 2.984	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	4859 4859010 2C4859 2C4859010 2C4859020	4	STD 0.25 STD 0.25 0.50
1978-98	1397		1.4 L	4 CYL	847 700, 847 720 C1J 700, C1J 715 C1J 742, C1J 768 C1J 780, C2J 782 C2J 713, C3J 700	Rapid Box, Super 5, Trafic Box, 9 1.4	76.00 2.992	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
2003-14	1461		1.5 L	4 CYL	K9K SOHC	Clio, Kangoo, Megane, Scenic, Thalia Turbo Diesel	76.00 2.992	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
1968-71	1469		1.5 L	4 CYL	697.01	R16 (R1150)	76.00 2.992	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
RENAULT												
1968-86	1565		1.6 L	4 CYL	807, 807 03, 807 20, 821, 821 20, 821.03	12 1.6 Gordini, 16 1.6 16 1.6 TL, 18 1.6 Incl Turbo	77.00 3.031	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
1982-98	1595		1.6 L	4 CYL	F8M 700, F8M 720 F8M 730, F8M 736 F8M 760	R9D, R11D Rapid Box, Super 5 Diesel Eng.	78.00 3.071	2.00 2.00 3.00	362 BF 3CR GI 401 SCRPP PC GI 054 FV CR 732 FV CR	2C4864	4	STD
1995-09	1598		1.6 L	4 CYL	K4M 830, K4M 831, K7M 702, K7M 720, K7M 745, K7M 790	Clio, Logan, Kangoo, Megane	79.50 3.130	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
	1647		1.6 L	4 CYL	841 717, 841 A1M 841.25, 843, 843.05, A1M, A1M 707, A2M 723	16 1.6, 17 1.6, 18 1.6, 20 1.6, Fuego 1.6 Trafic Box	79.00 3.110	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
1967-81	1700		1.7 L	2 CYL	D225, D325	R6 Diesel Eng	95.00 3.740	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
1985-95	1721		1.7 L	4 CYL	F1N 720, F1N 722 F1N 724, F2N 700 F2N 770, F2N 797 F3N 726, F3N 740 F3N 702, F3N 743	Clio 1.7 Trafic Box, 9 1.7, 11 1.7 21 Box, 19 I, 19 II	81.00 3.189	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
1990-01	1794		1.8 L	4 CYL	F3P 670, F3P 678 F3P 710, F3P 712 F3P 714, F3P 720 F3P 724, F3P 754 F3R 722, F3R 722	Clio, Laguna	82.70 3.256	1.50 1.75 3.00	032 BF PC GI 401 SCRPP PC GI 054 FV CR 732 FV CR	4990 4990020	4	STD 0.50
									362 BF 3CR GI 401 SCRPP PC GI 054 FV CR 732 FV CR	2C4990 2C4990010 2C4990020 2C4990030 2C4990040	4	STD 0.25 0.50 0.75 1.00
1988-05	1870		1.9 L	4 CYL	F8Q 606, F8Q 620 F8Q 630, F8Q 640 F8Q 662, F8Q 676 F8Q 706, F8Q 710 F8Q 722, F8Q 730 F8Q 764, F8Q 776	Clio, Eclair Kangoo, Megane Rapid Box, 19, 21 Diesel Eng w/ 2pc Oil	80.00 3.150	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
									362 BF 3CR GI 401 SCRPP PC GI 204 CF CR DI 881 2PCO	2D4709 2D470950	4	STD 0.50
1986-05	1870		1.9 L	4 CYL	F8Q 606, F8Q 620 F8Q 630, F8Q 640 F8Q 662, F8Q 676 F8Q 706, F8Q 710 F8Q 722, F8Q 730 F8Q 764, F8Q 776	Clio, Eclair Kangoo, Megane Rapid Box, 19, 21 Diesel Eng	80.00 3.150	2.00 2.00 3.00	219 BF PM DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2M5860	1	STD
1997-03	1870		1.9 L	4 CYL	F9Q 650, F9Q 710, F9Q 717, F9Q 718, F9Q 750 F9Q 756, F9Q 758, F9Q 759, F9Q 80	Laguna, Megane, Scénic Diesel Eng	80.00 3.150	2.50 2.00 3.00	220 TBF PM DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2M7332	1	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
RENAULT												
1992-95	1965		2.0 L	4 CYL	F2R, F3R		82.00 3.228	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	STD 0.50 0.75 1.00 STD 0.50 0.75 1.00
1987-89	1965		2.0 L	4 CYL	F3R	GTA	82.00 3.228	1.75 2.00 4.00	362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C7333	4	STD
2005-On	1995		2.0 L	4 CYL	M9R 610, M9R 615 M9R 700, M9R 722 M9R 724, M9R 740 M9R 746, M9R 750 M9R 760, M9R 762	Escape, Laguna, Megane, Scenic Turbo Diesel	84.00 3.307	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
1980-89	1995		2.0 L	4 CYL	J5R, J6R,	21, Espace,Fuego	88.00 3.464	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 STD 0.25
1993-03	1998		1.9 L	4 CYL	F3R 729, F3R 750	Espace, Laguna, Megane	82.70 3.256	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	STD 0.50 STD 0.25 0.50 0.75 1.00
2004-On	2000		2.0 L	4 CYL	F4R	Megane LA1L	82.70 3.256	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
1991-96	2068		2.1 L	4 CYL	J8S	18, 20, 21, 30, 2.1 Turbo-D30, Espace,Safrane Turbo Diesel	86.00 3.386	2.50 2.50 3.00	372 FKST CR DI 401 SCRPP PC GI 204 CF CR DI 881 2PCO	2D5043	4	STD
1985-89	2165		2.2 L	4 CYL	829 730, J7R, J7T	20, 25	88.00 3.464	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 STD 0.25
1993-01	2188		2.2 L	4 CYL	G8T 706, G8T 752 G8T 790, G8T 792 G8T 794 DOHC	Laguna Laguna Grandtour Diesel Eng	87.00 3.425	2.50 1.75 2.50	220 TBF PM DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2M7298	1	STD
2000-On	2188		2.2 L	4 CYL	G9T 600, G9T 605 G9T 606, G9T 607 G9T 642, G9T 645 G9T 700, G9T 750	Espace, Laguna II, Master II, Vel Satis Turbo Diesel	87.00 3.425	3.00 1.75 2.50	228 HKST PM DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2M7349	1	STD
1981-On	2445		2.4 L	4 CYL	8140.61.2300 8140.61.240 S8U 720, S8U 722 S8U 730, S8U 731	Master, Trafic Diesel Eng	93.00 3.661	3.00 2.00 4.00	376 BF CR DI 401 SCRPP PC GI 200 CF PC GI 881 2PCO	2D9384	4	STD
2001-On	2463		2.5 L	4 CYL	G9U 630, G9U 632, G9U 650 Euro 4	Master, Trafic Turbo Diesel	89.00 3.504	3.00 1.75 2.50	228 HKST PM DI 218 TF PC DI 204 CF CR DI 881 2PCO	2M7328	1	STD
2000-06	2463		2.5 L	4 CYL	G9U 720, G9U 724 G9U 730, G9U 750 G9U 754 Euro 3	Master, Trafic Turbo Diesel	89.00 3.504	2.50 1.75 2.50	230 TBF PM DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2M7423	1	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
RENAULT												
1975-89	2664		2.7 L	6 CYL	112, Z7V 708, Z7V 709, Z7V 711 Z7V-140	R25, 30 R30 TS, R30 TX	88.00 3.464	1.50 2.00 4.00	362 BF 3CR GI 401 SCRPP PC DI 056 FV CR 732 FV CR	2C4488 2C4488030	6	STD 0.75
	2798		2.8 L	4 CYL	8140.63.2585 Euro 2	Turbo Diesel	94.40 3.716	3.00 2.00 2.50	225 FKST CR DI 210 SCRPP TF PC DI 204 CF CR DI 881 2PCO	2C7449	1	STD
1998-01	2799		2.8 L	4 CYL	S9W 700/S9W 702 Through-Eng.2572279	Master II Turbo Diesel	94.40 3.716	3.00 2.00 3.00	225 FKST CR DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2C7353	1	STD
1998-01	2799		2.8 L	4 CYL	S9W 700/S9W 702 Eng.2572280-ON	Master II Turbo Diesel	94.40 3.716	2.50 2.00 2.50	233 FKST PM DI 210 SCRPP TF PC DI 204 CF CR DI 881 2PCO	2M7450	1	STD
SAAB												
1970-73	1854		1.9 L	4 CYL		Model 99 3 Ring Piston	87.00 3.425	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
2004-10	1910		1.9 L	4 CYL	Z 19 DTH, Z 19 DTJ	3-Sep Turbo Diesel	82.00 3.228	2.00 2.00 2.00	205 BF CR DI 214 RVL PC DI 248 CF CR 881 2PCO	2D7366 2D736640 2D736660	1	STD 0.40 0.60
2010-On	1956		2.0 L	4 CYL	A 20 DTH, A 20 DTR	9-5 2.0 TiD, 9-5 2.0 TTiD 9-5 2.0 TTiD XWD Diesel Eng Turbo Intercooled	83.00 3.268	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
SAAB												
1972-85	1985	121	2.0 L	4 CYL		99L, 900, 900EMS incl. Turbo	90.00 3.543	1.75 2.00 4.00	032 BF PC GI 401 SCRP PC GI 860 FV CR 732 FV CR	5562	4	STD
									362 BF 3CR GI 401 SCRP PC GI 860 FV CR 732 FV CR	2C5562 2C5562020	4	STD 0.50
2004-13	1998		2.0 L	4 CYL		B207	86.00 3.386	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C5130 2C5130010 2C5130020 2C5130030 2C5130040	4	STD 0.25 0.50 0.75 1.00
									322 BF GN SS 435 SCRP PC GI 995 FV CR 732 FV CR	2N5130 2N513050	4	STD 0.50
2000-03	1998	121	2.0 L	4 CYL		Model 9-3 B205 SE L4	90.00 3.543	1.50 1.50 2.50	335 T PM DI 126 RVT PC GI 995 FV CR 732 FV CR	2M4197	4	STD
1991-On	2100		2.1 L	4 CYL		B212, 900, S	93.00 3.661	1.75 2.00 3.00	363 BF CR GI 126 RVT PC GI 997 FV CR 732 FV CR	2C4997	4	STD
2000-05	2290		2.3 L	4 CYL		Model 9-5 B235 SAA Aero, Linear, Viggen	90.00 3.543	1.50 1.50 2.50	335 T PM DI 126 RVT PC GI 995 FV CR 732 FV CR	2M4197	4	STD
SCANIA												
	8870		8.8 L	5 CYL	DC 9 (DOOSAN) DC 9.11 Euro 3 DC 9.12 Euro 3 DC 9.13 Euro 3 DC 9.16 Euro 4 DC 9.17 Euro 4 DC 9.18 Euro 4 DC 9.19 DC 9.20 Euro 3 DC 9.21 Euro 3 DC 9.60 A 177 Euro 2 DC 9.60 A 199 Euro 2 DC 9.60 A 228 Euro 2 DC 9.60 A 243 Euro 2 DC 9.61 A 228 Euro 3 DC 9.61 A 243 Euro 3 DC 9.62 A Euro 3 DC 9.63 A Euro 3 DC 9.64 A 177 Euro 3 DC 9.64 A 199 Euro 3 DC 9.65 A Euro 3 DC 9.68 A Euro 3 DC 9.69 A Euro 3	Diesel Eng.	127.00	3.50 2.39 3.50	378 FKST BF CC DI 135 T PC GI 553 2PCO CR GI	2D7087	1	STD
	10640	####		6 CYL	DC 11.01 Euro 2 DC 11.02 Euro 2 DC 11.03 Euro 3 DC 11.04 Euro 3 DC 11.06 Euro 3 DC 11.07 Euro 2 DC 11.08 Euro 3 DC 11.09 Euro 3	Diesel Eng.	127.00	3.50 2.39 3.50	378 FKST BF CC DI 135 T PC GI 553 2PCO CR GI	2D7087	1	STD
	11022	####		6 CYL	DN 11.06 B DSC 11 (Gas) DSC 11 Euro 2	Diesel Eng.	127.00	3.50 2.39 3.50	378 FKST BF CC DI 135 T PC GI 553 2PCO CR GI	2D7087	1	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE			
SCANIA															
11716	####	6	CYL	DC 12	Diesel Eng.		127.00	3.50	378 FKST BF CC DI	2D7087	1	STD			
				DC 12.01 Euro 3					135 T PC GI						
				DC 12.02					553 2PCO CR GI						
				DC 12.03 Euro 3											
				DC 12.09 Euro 3											
				DSC 12 Gas											
				DSC 12.01 Euro 2											
				DSC 12.02 Euro 2											
				DSC 12.03 Euro 2											
				DSC 12.05 Euro 2											
				DT 12 Euro 3											
DT 12.02 Euro 3															
15600	####	8	CYL	DC 16 Gas	Diesel Eng.		127.00	3.50	378 FKST BF CC DI	2D7087	1	STD			
				DC 16.02 Euro 3					135 T PC GI						
									553 2PCO CR GI						
SEAT															
1983-93	1193	1.2	L 4 CYL	021 A.1000	Ibiza, Malage, Ronda		75.00	1.50	032 BF PC GI	4714	4	STD			
									2.953				401 SCRPP PC GI	4714010	0.25
													056 FV CR	4714020	0.50
													732 FV CR	4714030	0.75
														4714040	1.00
													363 BF CR GI	2C4714	4 STD
													401 SCRPP PC GI	2C4714020	0.50
													056 FV CR		
													732 FV CR		
2010-18	1197	1.2	L 4 CYL	CBZA, CBZB, CJZA CJZD, CBZD, CYVA	Ibiza, Leon, Toledo		71.00	1.20	322 BF GN SS	2N4126	4	STD			
									2.795				236 TF CR DI	2N412625	0.25
													987 FV GN SS	2N412650	0.50
													714 GN SS		
2009-12	1390	1.4	L 4 CYL	CAVA, CAVE, CAVF, CNWB, CTHA, CTHE	Alhambra, Ibiza		76.50	1.20	398 BF CR S	2C5391	4	STD			
									3.012				126 RVT PC GI	2C5391020	0.50
													993 FV CR		
													005 FV CR		
													322 BF GN SS	2N5391	4 STD
													126 RVT PC GI	2N539125	0.25
													987 FV GN SS	2N539150	0.50
	714 GN SS														
2008-13	1390	1.4	L 4 CYL	CAXA, CAXC, CFNA	Altea, Leon, Toledo 16V Incl. Turbo		76.50	1.20	398 BF CR S	2C5438	4	STD			
									3.012				126 RVT PC GI	2C543850	0.50
													993 FV CR		
													005 FV CR		
													322 BF GN SS	2N5438	4 STD
													126 RVT PC GI	2N543825	0.25
													993 FV CR	2N543850	0.50
	005 FV CR														
2000-10	1422	1.4	L 3 CYL	AMF, BMS, BNM, BNV	Arosa, Corodoba, Ibiza Diesel Eng		79.50	1.75	205 BF CR DI	2D5854	1	STD			
									3.130				126 RVT PC GI	2D585425	0.25
													204 CF CR DI	2D585450	0.50
													881 2PCO	2D5854100	1.00
1985-On	1461	1.5	L 4 CYL	021.A.2000	Ibiza, Malage, Porsche, Ronda		83.00	1.50	032 BF PC GI	4614	4	STD			
									3.268				126 RVT PC GI		
													058 FV CR		
													732 FV CR		
													362 BF 3CR GI	2C4614	4 STD
													126 RVT PC GI	2C4614008	0.20
													058 FV CR	2C4614016	0.40
	732 FV CR														
1999-10	1598	1.6	L 4 CYL	BTS	Altea, Leon, Toledo 16V Incl. Turbo		76.50	1.20	398 BF CR S	2C5438	4	STD			
									3.012				126 RVT PC GI	2C543850	0.50
													993 FV CR		
													005 FV CR		
													322 BF GN SS	2N5438	4 STD
													126 RVT PC GI	2N543825	0.25
1997-04	1716	1.8	L 4 CYL	AHB, AKU	Arosa, Cordoba, Inca Diesel Eng		79.50	1.75	205 BF CR DI	2D5854	1	STD			
									3.130				126 RVT PC GI	2D585425	0.25
													204 CF CR DI	2D585450	0.50
													881 2PCO	2D5854100	1.00

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
SEAT												
2005-15	1798		1.8 L	4 CYL	CDA, CDHA, CDHB, CJS, CJSB	TSI	82.50 3.248	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
1991-10	1896		1.9 L	4 CYL	1Z, 1Y, AAZ, AEF, AEY, AFN, AGP, AGR, AHF, AHU, AKU, ALH, ANU, AQM, ARL, ASK, ASV, ASY, ASZ, ATD, AU, AV, AX, AYQ, BJB, BKC, BLS, BLT, BMT, BPX, BTB, BUK, BVK, BXE, BXF, BXJ	Alhambra, Cordoba, Ibiza, Inca, Leon, Pony, Toledo Diesel Eng	79.50 3.130	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
2012-on	1968		2.0 L	4 CYL	CKFB, CKFC, CRVA, CRVC, CUNA, CUPA	Leon, Octavia Diesel Eng TDI	81.00 3.189	1.75 2.00 2.00	363 BF CR GI 130 RVT PC GI 203 CF GN SS 881 2PCO	2C7487	1	STD
2004-10	1984		2.0 L	4 CYL	BLR, BLY, BVY, BVZ, BWA	Altea, Leon, Toledo	82.50 3.248	1.20 1.50 2.00	322 BF GN SS 406 N PC DI 248 CF CR 881 2PCO	2N4144	1	STD
2005-15	1984		2.0 L	4 CYL	CCZA, CCZB, CJXE, DEDA	TSI	82.50 3.248	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
SKODA												
1965-71	988		1.0 L	4 CYL	1000MB	S100, S100 L	68.00	2.00	362 BF 3CR GI	2C4422	4	STD
1976-90	#####		1.0 L	4 CYL	742.1	105, 120 1.0 105 S, L, GL	2.677	2.00 4.00	401 SCR PC GI 058 FV CR 732 FV CR			
1967-90	1174		1.1 L	4 CYL	1200MB, 742.12 X	S120 Rapid 105, 120 1.2 120 GLS	72.00 2.835	2.00 2.00 4.00	362 BF 3CR GI 401 SCR PC GI 058 FV CR 732 FV CR	2C4424 2C4424030	4	STD 0.75
2010-18	1197		1.2 L	4 CYL	CBZA, CBZB, CJZA, CJZC, CBZB, CYVA	Octavia III, Rapid, Roomster, Yeti	71.00 2.795	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
1994-02	1289		1.3 L	4 CYL	136M, 742.13, 781.136 AMH, AMJ	Felicia	75.50 2.972	1.50 1.50 3.00	376 BF CR DI 126 RVT PC GI 054 FV CR 732 FV CR	2C4146	4	STD
1990-02	1300		1.3 L	4 CYL	136B, 781.135 781.135E, AMG	Favorit 1.3 Felicia Favorit Forman	75.50 2.972	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 872 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 872 FV CR 732 FV CR	4863 4863020 4863030 4863040 2C4863 2C4863010 2C4863020 2C4863030 2C4863040 2C4863060	4	STD 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00 1.50
2008-13	1390		1.4 L	4 CYL	CAXA, CAXC, CFNA	Octavia, Rapid, Superb, Yeti	76.50 3.012	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	4	STD 0.50
										2N5438 2N543825 2N543850	4	STD 0.25 0.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
SKODA												
2010-on	1397		1.4 L	4 CYL	CAVE, CTHE	Fabia Turbo Super Charged	76.50 3.012	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
2000-03	1397		1.4 L	4 CYL	AMD, AME, AQW ATZ, AZE, AZF	Fabia	75.50 2.972	1.50 1.50 3.00	376 BF CR DI 126 RVT PC GI 054 FV CR 732 FV CR	2C4146	4	STD
2003-10	1422		1.4 L	3 CYL	AMF, BMS, BNM, BNV,	Fabia, Octavia, Roomster Diesel Eng	79.50 3.130	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
2004-08	1598		1.6 L	4 CYL	BLF, BTS	Octavia	76.50 3.012	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C5438 2C543850	4	STD 0.50
									322 BF GN SS 126 RVT PC GI 993 FV CR 005 FV CR	2N5438 2N543825 2N543850	4	STD 0.25 0.50
2005-15	1798		1.8 L	4 CYL	CDA, CDAB, CJS, CJSB, CJS	Octavia, Superb, Yeti	82.50 3.248	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
1995-11	1896		1.8 L	4 CYL	AEF, AEY, AGP, AGR, AHF, ALH, AQM, ASV, ASY, ASZ, ATD, AVB, AVF, AWX, AXR, BJB, BKC, BLS, BLT, BSW, BXE	Fabia, Felicia, Octavia, Roomster, Superb Diesel Eng	79.50 3.130	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
2004-09	1968		2.0 L	4 CYL	AZV, BKD, BMM, BMN, BMP, BSS	Octavia Superb Turbo Diesel	81.00 3.189	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
2012-17	1968		2.0 L	4 CYL	CKFB, CKFC, CUPA CRLB, CUNA, CUUB DBGA, DFCA	Octavia, Yeti Diesel Eng	81.00 3.189	1.75 2.00 2.00	363 BF CR GI 130 RVT PC GI 203 CF GN SS 881 2PCO	2C7487	1	STD
2004-10	1984		2.0 L	4 CYL	BLR, BLV, BVY, BVZ, BWA	Altea, Leon, Toledo	82.50 3.248	1.20 1.50 2.00	322 BF GN SS 406 N PC DI 248 CF CR 881 2PCO	2N4144	1	STD
2005-15	1984		2.0 L	4 CYL	CCZA, CHHA, CHHB,	Octavia, Superb, Yeti	82.50 3.248	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
2001-08	2496		2.5 L	4 CYL	AYM, BDG	Superb 2.5 Turbo Diesel	78.30 3.083	1.75 2.00 3.00	205 BF CR DI 214 RVT PC DI 204 CF CR DI 881 2PCO	2D7284	1	STD
SMART												
1998-04	599		0.6 L	3 CYL	M 160 E6AL B03, M 160 E6AL B04, M 160 E6AL B05	Cabrio, City-Coupe	63.50 2.500	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
SMART												
2003-07	698		0.7 L	3 CYL	M 160.910, M 160.922, M 160.923, M 160.921	Cabrio, City-Coupe	66.50 2.618	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
2014-On	898		0.9 L	3 CYL	H4B 409	Fortwo	72.20	1.20 1.50 2.00	326 TBF GN SS 410 TFN CR DI 993 FV GN SS 714 GN SS	2N5307	1	STD
2007-On	999		1.0 L	3 CYL	M 132.910	Fortwo	72.00 2.834	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
2007-On	999		1.0 L	3 CYL	M 132.910	Fortwo	72.00 2.834	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
2014-On	999		1.0 L	3 CYL	M 281.910 M 281.920	Fortwo, Forfour	72.20	1.20 1.50 2.00	326 TBF GN SS 410 TFN CR DI 993 FV GN SS 714 GN SS	2N5307	1	STD
SSANGYONG												
	1998		2.0 L	4 CYL	D20DT DOHC	16v Diesel Eng	86.20 3.394	2.50 2.00 3.00	227 FKST CR DI 202 TTF PC DI 204 CF CR DI 881 2PCO	2C7498	1	STD
1997-201	2295		2.3 L	4 CYL	M 111.970, M 111.974, M 161.970, M 161.974	Chairman, Korando, Musso, Actyon, Kyron	90.90 3.579	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
1995-On	2299		2.3 L	4 CYL	OM601.940	Diesel Eng	89.00 3.504	2.50 2.00 3.00	244 TBF CR DI 229 TTF PC DI 204 CF CR DI 881 2PCO	2C7292	1	STD
1996-On	2874		2.9 L	5 CYL	OM662, OM 662.940	Diesel Eng	89.00 3.504	2.50 2.00 3.00	244 TBF CR DI 229 TTF PC DI 204 CF CR DI 881 2PCO	2C7292	1	STD
STUDEBAKER												
1965-66	3179	194	3.2 L	6 CYL			3 9/16	5/64 5/64 3/16	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
1955-64	3671	224	3.7 L	8 CYL		Avanti 63R Golden Hawk	3 9/16	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	630 630060	8	STD 1.50
1939-50	3703	226	3.7 L	6 CYL		14A, 15A, 16A, 17A,	3 5/16	3/32 3/32 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	473 473030	6	STD 0.75

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
STUDEBAKER												
1966	3769	230	3.8 L	6 CYL			3	7/8	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	667 667010 667020 667030 667040 667060 667080	6 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 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 0.25 0.50 0.75 1.00 1.50 2.00
1951-54	3818	233	3.8 L	8 CYL		Models H, 3H, 4H, Commander 5H	3	3/8	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	474	8 STD
1939-63	4031	246	4.0 L	6 CYL		9A, 10A, 11A, 12A, #81539-on	3	5/16	3/32 3/32 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	473 473030	6 STD 0.75
1955-64	4244	259	4.2 L	8 CYL		Avanti 63R Golden Hawk	3	9/16	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	630 630060	8 STD 1.50
1965-66	4638	283	4.6 L	8 CYL			3	7/8	5/64 5/64 3/16	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
1955-64	4736	289	4.7 L	8 CYL		Avanti 63R Golden Hawk	3	9/16	5/64 5/64 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	630 630060	8 STD 1.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
STUDEBAKER												
1956	5768	352	5.8 L	8 CYL		Golden Hawk 56J	4.000	5/64 5/64 3/16	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												
	544		0.5 L	2 CYL	EK23	Rex, Sanba	76.00 2.992	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
	700		0.7 L	2 CYL	EK42	Subaru Rex, Sambar/700	78.00 3.071	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
1967-69	997		1.0 L	4 CYL	A12	Subaru 1000	72.00 2.835	2.00 2.00 4.00	362 BF 3CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C6752	4	STD
1983-95	997		1.0 L	3 CYL	EF10	Justy	78.00 3.071	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
1970-72	1088		1.1 L	4 CYL	EA61	Subaru FF-1, Star and Subaru G	76.00 2.992	2.00 2.00 4.00	102 T PC GI 401 SCRP 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 SCRP 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
1987-93	1189		1.2 L	3 CYL	EF12	Justy	78.00 3.071	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
SUBARU												
2003-On	1248		1.3 L	4 CYL	Z13DT	Justy Diesel Eng	69.60 2.740	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
1971-73	1267		1.3 L	4 CYL	EA62, E62S	1300DL, GL	82.00 3.228	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	STD 0.50 0.75 1.00 1.50 STD 0.25 0.50 0.75 1.00 1.50
1979-91	1298		1.3 L	4 CYL	EA65	Leone, Loyale II 1300	83.00 3.268	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
1973-76	1361		1.4 L	4 CYL		1400 DL, GF, GL	85.00 3.346	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
1975-83	1595		1.6 L	4 CYL	EA71	Leone	92.00 3.622	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 327 BF PM GI 401 SCRPP PC GI 056 FV CR 732 FV CR	5364 5364010 5364020 5364030 5364040 2C5364 2C5364010 2C5364020 2C5364030 2C5364040 2C5364060 2M5364 2M5364020 2M5364030 2M5364040	4	STD 0.25 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00 STD 0.50 0.75 1.00
1979-91	1595		1.6 L	4 CYL	EA71	1600 DL, GL, GLF Incl. Turbo	92.00 3.622	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
1975-79	1781		1.8 L	4 CYL	EA81	Leone	92.00 3.622	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 327 BF PM GI 401 SCRPP PC GI 056 FV CR 732 FV CR	5364 5364010 5364020 5364030 5364040 2C5364 2C5364010 2C5364020 2C5364030 2C5364040 2C5364060 2M5364 2M5364020 2M5364030 2M5364040	4	STD 0.25 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00 STD 0.50 0.75 1.00
1980-94	1781		1.8 L	4 CYL	EA81, EA82, EA82T	Brat 1800 1800 GL, GLF XT 1800 Incl. Turbo	92.00 3.622	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
SUBARU												
1993-On	1820		1.8 L	4 CYL	EJ18	Impreza	87.90 3.461	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
2002-05	1994		2.0 L	4 CYL	EJ20 DOHC	Impreza incl.Turbo w/2.5mm oil rings	92.00 3.622	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
1993-On	2000		2.0 L	4 CYL	EJ20, EJ20T	Impreza Forester Incl. Turbo	92.00 3.622	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
1990-99	2212		2.2 L	4 CYL	EJ22E	Legacy	97.00 3.819	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
2000-On	2212		2.2 L	4 CYL	EJ22	Legacy	96.90 3.815	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
1996-99	2457		2.5 L	4 CYL	EJ25, EJ25D	Impreza, Legacy	99.50 3.917	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
2005-14	2457		2.5 L	4 CYL	EJ257 DOHC/SOHC	WRX Sti w/2.0mm oil grv.	99.50 3.917	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
1999-12	2458		2.5 L	4 CYL	EJ255 SOHC	16V w/2.5mm oil grv	99.50 3.917	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
2005-10	2999		3.0 L	6 CYL	EZ30, EZ30D DOHC	Legacy, Outback H6, Tribeca w/2.5mm oil grv	89.20 3.512	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
1991-97	3318		3.3 L	6 CYL	EJ33	SVX	96.90 3.815	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 997 FV CR 732 FV CR 363 BF CR GI 126 RVT PC GI 997 FV CR 732 FV CR	4777 4777020 4777030 4777040 2C4777 2C4777020 2C4777030 2C4777040	6	STD 0.50 0.75 1.00 STD 0.50 0.75 1.00
2008-14	3629		3.6 L	6 CYL	EZ36D DOHC FI	Legacy, Outback, Tribeca	92.00 3.622	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												
1981-On	543		0.5 L	3 CYL	F5A	Alto/Carry 600	62.00 2.441	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
	660		0.7 L	3 CYL		Damas, Labo, Tico	68.50 2.697	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
1981-93	796		0.8 L	3 CYL	F8B	Alto	68.50 2.697	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
SUZUKI												
1980-85	797		0.8 L	4 CYL	F8A	Alto, Carry, LJ 80	62.00 2.441	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
	970		1.0 L	4 CYL	F10A	Samurai SJ 410 Super Carry	65.50 2.579	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	4234 4234020 4234040 2C4234 2C4234010 2C4234020 2C4234030 2C4234040 2C4234060	4	STD 0.50 1.00 STD 0.25 0.50 0.75 1.00 1.50
1998-04	993		1.0 L	3 CYL	G10A		74.00 2.913	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
1997-On	996		1.0 L	4 CYL	K10A	Alto	68.00 2.677	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
1989-95	1000		1.0 L	3 CYL		2 Ring Piston	74.00 2.913	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
1981-On	1061		1.1 L	4 CYL	F10D, F10DN	SS-80	68.50 2.697	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
	1200		1.2 L	4 CYL	K12A	SR-412 Wagon R,	71.00 2.795	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
2017-On	1197		1.2 L	4 CYL	K12M	Ignis III, Swift	73.00 2.874	1.00 1.20 2.00	326 TBF GN SS 435 SCRP PC GI 993N FV GN 714 GN SS	2N5313 2N531350	4	STD 0.50
2003-On	1248		1.3 L	4 CYL	Z13DT	Ignis, Swift, Wagon R+ - Turbo Diesel	69.60 2.740	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
1998	1298		1.3 L	4 CYL	G13BB	Swift	74.00 2.913	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
1985-01	1324		1.3 L	4 CYL	G13A, G13B	Samurai, SJ 413 Sidekick, Swift	74.00 2.913	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 CYL		Swift 2 Ring Piston	74.00 2.913	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
2000-08	1328		1.3 L	4 CYL	M13A	Ignis, Jimmy, Swift	78.00 3.071	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C4186 2C4186010 2C4186020 2C4186030	4	STD 0.25 0.50 0.75
2000-08	1490		1.5 L	4 CYL	M15A	Ignis, Jimmy, Swift	78.00 3.071	1.20 1.20 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C4186 2C4186010 2C4186020 2C4186030	4	STD 0.25 0.50 0.75

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
SUZUKI												
1989-98	1590		1.6 L	4 CYL	G16A, G16KV	Sidekick, X-90 Sidekick, X-90	75.00	1.20	398 BF CR S	2C4640	4	STD
							2.953	1.50	435 SCRPP PC GI	2C4640010		0.25
								2.80	859 FV CR	2C4640020		0.50
									732 FV CR	2C4640030		0.75
										2C4640040		1.00
										2C4640060		1.50
1996-02	1590		1.6 L	4 CYL	G16S	Esteem	75.00	1.20	398 BF CR S	2C4901	4	STD
							2.953	1.20	126 RVT PC GI	2C4901010		0.25
								2.50	995 FV CR	2C4901020		0.50
									732 FV CR	2C4901030		0.75
										2C4901040		1.00
1996-04	1800		1.8 L	4 CYL	J18A	Sidekick Sport	84.00	1.20	398 BF CR S	2C4959	4	STD
							3.307	1.50	126 RVT PC GI	2C4959010		0.25
								2.50	995 FV CR	2C4959020		0.50
									732 FV CR	2C4959030		0.75
										2C4959040		1.00
									326 TBF GN SS	2N4959	4	STD
									435 SCRPP PC GI			
									987 FV GN SS			
									714 GN SS			
Th-1996	1905		1.9 L	4 CYL	XUD9SD	Vitara Diesel Eng	83.00	3.50	224 FKST PM DI	2M7157	1	STD
							3.268	2.00	202 TTF PC DI			
								3.00	204 CF CR DI			
									881 2PCO			
1996-99	1905		1.9 L	4 CYL	XUD9SD	Vitara Diesel Eng	83.00	3.00	221 FKST CC DI	2D7351	1	STD
							3.268	2.00	202 TTF PC DI			
								3.00	204 CF CR DI			
									881 2PCO			
1998-04	1905		1.9 L	4 CYL	XUD9	Samurai 1.9 Diesel Eng	83.00	2.00	239 BF CC DI	2D7435	1	STD
							3.268	2.00	123 RVT PC DI	2D743525		0.25
								3.00	204 CF CR DI	2D743550		0.50
									881 2PCO			
2009-On	1956		2.0 L	4 CYL	D20AA Euro 5	SX4 Diesel Eng Turbo Intercooled	83.00	1.50	239 BF CC DI	2D7528	4	STD
							3.268	1.50	406 N PC DI	2D752840		0.40
								2.00	553 CF CR GI			
									881 2PCO			
2010-13	1995		2.0 L	4 CYL	J20B	SX4	84.00	1.20	398 BF CR S	2C4434	4	STD
							3.307	1.00	123 RVT PC DI			
								2.00	990 FV CR			
									005 FV CR			
2007-12	1995		2.0 L	4 CYL		SX-4, SX-4 Crossover	84.00	1.20	398 BF CR S	2C4521	4	STD
							3.307	1.20	126 RVT PC GI	2C4521020		0.50
								2.50	995 FV CR			
									732 FV CR			
2003-08	1995		2.0 L	4 CYL	KL5J DOHC	Forenza, Reno ETEC L34	86.00	1.20	398 BF CR S	2C5130	4	STD
							3.386	1.50	126 RVT PC GI	2C5130010		0.25
								2.50	995 FV CR	2C5130020		0.50
									732 FV CR	2C5130030		0.75
										2C5130040		1.00
									322 BF GN SS	2N5130	4	STD
									435 SCRPP PC GI	2N513050		0.50
									995 FV CR			
									732 FV CR			
1996-04	1995		2.0 L	4 CYL	J20A	Suzuki Aerio, Suzuki SX4	84.00	1.20	398 BF CR S	2C4959	4	STD
							3.307	1.50	126 RVT PC GI	2C4959010		0.25
								2.50	995 FV CR	2C4959020		0.50
									732 FV CR	2C4959030		0.75
										2C4959040		1.00
									326 TBF GN SS	2N4959	4	STD
									435 SCRPP PC GI			
									987 FV GN SS			
									714 GN SS			
2000-On	2000		2.0 L	6 CYL	H20 DOHC	Grand Escudo V type Escudo V-6	78.00	1.20	398 BF CR S	2C4170	6	STD
							3.071	1.50	126 RVT PC GI	2C4170010		0.25
								2.50	533 FV CR	2C4170020		0.50
									732 FV CR	2C4170030		0.75
										2C4170040		1.00
2000-On	2000		2.0 L	4 CYL	SOHC	Escudo	78.00	1.20	398 BF CR S	2C4994	4	STD
							3.071	1.50	126 RVT PC GI	2C4994020		0.50
								2.50	533 FV CR	2C4994030		0.75
									732 FV CR	2C4994040		1.00

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
SUZUKI												
2004-08	2294		2.3 L	4 CYL	J23A DOHC	Aerio	90.00 3.543	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
2009-12	2393		2.4 L	4 CYL	J24B	Allrad, Escude, Grand Vitara, Kizashi	92.00 3.622	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
2009-12	2488		2.5 L	4 CYL	QR25DE DOHC Nissan Eng	Equator 16V	89.00 3.504	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
1999-06	2494		2.5 L	6 CYL	H25A	Grand Vitara	84.00 3.307	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
2001-08	2737		2.7 L	6 CYL	H27A	Grand Vitara	88.00 3.464	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
TATA												
2000-04	1390		1.4 L	4 CYL	MPFI	Indica	75.00 2.953	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
TOYOTA												
1966-74	993		1.0 L	4 CYL	2K	Publica, Starlet	72.00 2.835	2.00 2.00 4.00	102 T PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR	6752	4	STD
2005-On	996		1.0 L	3 CYL	1KR-FE	12V Aygo, Vitz, Yaris Platz 1.0 Yaris 1.0	71.00 2.795	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
	1000		1.0 L	4 CYL	1E, 1EL	Starlet FWD	70.50 2.775	1.50 1.50 3.00	335 T PM DI 126 RVT PC GI 996 FV CR 732 FV CR	2M5015	4	STD
1968-78	1077		1.1 L	4 CYL	K, KC	Corolla 1100	75.00 2.953	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
1968-78	1077		1.1 L	4 CYL	K	Corolla 1100 Shallow Oil Ring Grv	75.00 2.953	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
TOYOTA												
1975-80	1166		1.2 L	4 CYL	3K	Corolla Combi 1.2	75.00 2.953	2.00 2.00 4.00	032 BF PC GI 401 SCRP 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 SCRP PC GI 056 FV CR 732 FV CR	2C6813 2C6813010 2C6813020 2C6813030 2C6813040 2C6813060 2C6813063	4	STD 0.25 0.50 0.75 1.00 1.50 1.60
1981-82	1166		1.2 L	4 CYL	3KC	Corolla 1200 Shallow Oil Ring Grv	75.00 2.953	2.00 2.00 4.00	032 BF PC GI 401 SCRP 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 SCRP 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
2010-on	1197		1.2 L	4 CYL	3NR-FE DOHC	16V Etios NGK10	72.50 2.854	1.00 1.00 2.00	398 BF CR S 123 RVT PC DI 990 FV CR 732 FV CR	2C5392	4	STD
1961-66	1198		1.2 L	4 CYL	2P	Corona	76.60 3.016	2.00 2.00 4.00	032 BF PC GI 401 SCRP PC GI 058 FV CR 732 FV CR	4473	4	STD
									362 BF 3CR GI 401 SCRP PC GI 058 FV CR 732 FV CR	2C4473 2C4473020 2C4473030 2C4473040 2C4473060	4	STD 0.50 0.75 1.00 1.50
1983-84	1290		1.3 L	4 CYL	4KE	Starlet	75.00 2.953	1.50 1.50 4.00	032 BF PC GI 435 SCRP PC GI 058 FV CR 732 FV CR	6179 6179010 6179020 6179030 6179040	4	STD 0.25 0.50 0.75 1.00
									363 BF CR GI 435 SCRP PC GI 058 FV CR 732 FV CR	2C6179 2C6179010 2C6179020 2C6179030 2C6179040 2C6179060	4	STD 0.25 0.50 0.75 1.00 1.50
1978-87	1290		1.3 L	4 CYL	4KC	Corolla, Starlet	75.00 2.953	2.00 2.00 4.00	032 BF PC GI 401 SCRP 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 SCRP PC GI 056 FV CR 732 FV CR	2C6813 2C6813010 2C6813020 2C6813030 2C6813040 2C6813060 2C6813063	4	STD 0.25 0.50 0.75 1.00 1.50 1.60
1980-82	1290		1.3 L	4 CYL	4KC	Starlet Shallow Oil Ring Grv	75.00 2.953	2.00 2.00 4.00	032 BF PC GI 401 SCRP 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 SCRP 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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
TOYOTA												
1979-84	1295		1.3 L	4 CYL	2A, 2AL	Corolla, Tercel	76.00 2.992	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
1984-97	1295		1.3 L	4 CYL	2EL, 2EL	Corona 1300, Starlet	73.00 2.874	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
2005-08	1298		1.3 L	4 CYL	K3-VE	Myvi, Scion	72.00 2.835	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
2015-18	1329		1.3 L	4 CYL	1NR-VE	Avanza Dual VVT-i	72.50 2.854	1.20 1.00 2.00	398 BF CR S 126 RVT PC GI 990 FV CR 732 FV CR	2C4107 2C4107010	4	STD 0.25
2009-13	1329		1.3 L	4 CYL	1NR-FE DOHC	Auris, Corolla, Verso, Yaris	72.50 2.854	1.00 1.00 2.00	398 BF CR S 123 RVT PC DI 990 FV CR 732 FV CR	2C5392	4	STD
2000-12	1299		1.3 L	4 CYL	2NZFE	Corolla, Yaris	75.00 2.953	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C5091 2C5091010 2C5091020 2C5091030 2C5091040 2C5091060	4	STD 0.25 0.50 0.75 1.00 1.50
1991-99	1331		1.3 L	4 CYL	4EFE DOHC	Corolla	74.00 2.913	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
1967-75	1345		1.3 L	4 CYL	3P	Fork Lift	76.60 3.016	2.00 2.00 4.00	032 BF PC GI 401 SCRPP PC GI 058 FV CR 732 FV CR	4473	4	STD
									362 BF 3CR GI 401 SCRPP PC GI 058 FV CR 732 FV CR	2C4473 2C4473020 2C4473030 2C4473040 2C4473060	4	STD 0.50 0.75 1.00 1.50
1999-16	1364		1.4 L	4 CYL	1ND-TV SOHC	Corolla, Verso, Yaris Diesel Eng	73.00 2.874	1.50 1.50 3.00	239 BF CC DI 218 TF PC DI 204 CF CR DI 881 2PCO	2D5856	1	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
TOYOTA												
2005-10	1398		1.4 L	4 CYL	2WZ-TV	Aygo Diesel Eng	73.70 2.902	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
1987-97	1456		1.5 L	4 CYL	3E, 3EE		73.00 2.874	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 326 TBF GN SS 435 SCRPP PC GI 054 FV CR 732 FV CR	4633 4633020 4633030 4633040 4633060 2C4633 2C4633010 2C4633020 2C4633030 2C4633040 2C4633060 2N4633 2N463325 2N463350 2N463375 2N4633100	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
1995-98	1456		1.5 L	4 CYL	5EFE DOHC	Paseo Tercel	74.00 2.913	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
1980-90	1452		1.5 L	4 CYL	3AC OHC	Tercel, Corolla	77.50 3.051	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	6140 6140020 6140030 6140040 2C6140 2C6140010 2C6140020 2C6140030 2C6140040	4	STD 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00
1985-95	1487		1.5 L	4 CYL	5K	Liteace Bus	80.50 3.169	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
1965-69	1490		1.5 L	4 CYL	2R	Corona	78.00 3.071	2.00 2.50 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	6804 2C6804 2C6804040	4	STD STD 1.00
1972	1493		1.5 L	4 CYL	4P	Fork Lift	76.60 3.016	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	4473 2C4473 2C4473020 2C4473030 2C4473040 2C4473060	4	STD STD 0.50 0.75 1.00 1.50
2004-09	1496		1.5 L	4 CYL	1NZ-FXE	Prius Hybrid	75.00 2.953	0.80 1.00 1.50	398 BF CR S 123 RVT PC DI 981 FV CR 005 FV CR	2C5118	4	STD
2010-15	1496		1.5 L	4 CYL	2NR-FE DOHC	16V Etios NGK12. NGK15	72.50 2.854	1.00 1.00 2.00	398 BF CR S 123 RVT PC DI 990 FV CR 732 FV CR	2C5392	4	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
TOYOTA												
2000-12	1497		1.5 L	4 CYL	1NZFE, 1NZFXE	Echo, Prius, Porte, Yaris	75.00 2.953	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C5091 2C5091010 2C5091020 2C5091030 2C5091040 2C5091060	4	STD 0.25 0.50 0.75 1.00 1.50
									322 BF GN SS 435 SCRP PC GI 987 FV GN SS 714 GN SS	2N5091	4	STD
1987-06	1498		1.5 L	4 CYL	5A-F, 5A-FE	Carina, Corolla, Soluna, Sprinter (Japan Only)	78.70 3.098	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
2013-On	1560		1.6 L	4 CYL	3WZ-TV	Proace Box 1.6 Diesel Eng Turbo Direct Injection	75.00 2.953	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
1971-75	1587		1.6 L	4 CYL	12R	Corona 1600 RT81 Hi-Lux	80.50 3.169	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
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4293 2C4293010 2C4293020 2C4293040	4	STD 0.25 0.50 1.00
1988-93	1587		1.6 L	4 CYL	4AF/4AFE 4AGZE	Corolla Super charged	81.00 3.189	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
1990-93	1587		1.6 L	4 CYL	4AGE	Corolla	81.00 3.189	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
1993-03	1587		1.6 L	4 CYL	4AFE, 4AG	Caribe, Carina, Corolla, Sprinter	81.00 3.189	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
1983-91	1587		1.6 L	4 CYL	4AC, 4AGELC 4AGEC, 4AGE 4ALC	Corolla MR	81.00 3.189	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
TOYOTA												
1971-77	1588		1.6 L	4 CYL	2TC, 2TE	Corolla 1600 Carina 1600	85.00 3.346	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
1977-79	1588		1.6 L	4 CYL	2TC	Corolla 1600	85.00 3.346	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
1968-71	1591		1.6 L	4 CYL	7R, 7RB	Corona, Mark II	86.00 3.386	2.00 2.50 4.00	032 BF PC GI 401 SCRPP PC GI 860 FV CR 732 FV CR	6846 6846030 6846040 6846060	4	STD 0.75 1.00 1.50
									362 BF 3CR GI 401 SCRPP PC GI 860 FV CR 732 FV CR	2C6846 2C6846030 2C6846040 2C6846060	4	STD 0.75 1.00 1.50
2000-09	1598		1.6 L	4 CYL	3ZZ-FE	Avensis, Corolla	79.00 3.110	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
1969-74	1707		1.7 L	4 CYL	6R, 6RB	Corona, Mark II	86.00 3.386	2.00 2.50 4.00	032 BF PC GI 401 SCRPP PC GI 860 FV CR 732 FV CR	6846 6846030 6846040 6846060	4	STD 0.75 1.00 1.50
									362 BF 3CR GI 401 SCRPP PC GI 860 FV CR 732 FV CR	2C6846 2C6846030 2C6846040 2C6846060	4	STD 0.75 1.00 1.50
1993-02	1762		1.8 L	4 CYL	7AFE	Celica, Corolla	81.00 3.189	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
1980-82	1770		1.8 L	4 CYL	3TC	Corolla 1800	85.00 3.346	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
TOYOTA												
1998-08	1794		1.8 L	4 CYL	1ZZ, 1ZZFE	Celca, Corolla MR2 Spyder, Matrix XR, Vista	79.00 3.110	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
2002-07	1796		1.8 L	4 CYL	2ZZ-EE, 2ZZ-GE DOHC	Celica Matrix	82.00 3.228	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
2009-15	1798		1.8 L	4 CYL	2ZRFE DOHC	Corolla, Matrix	80.50 3.169	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
1982-92	1839		1.8 L	4 CYL	1C, 1C-L, 1C-TL	Corolla, Camry Diesel Eng incl Turbo	83.00 3.268	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
1985-89	1839		1.8 L	4 CYL	1C	Carina, Corolla Diesel Eng 3 PC Oil Ring	83.00 3.268	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
1968-73	1858		1.9 L	4 CYL	8R, 8RB, 8RC, 8RG	Corona, Mark II Hi-Lux Pickup	86.00 3.386	2.00 2.50 4.00	032 BF PC GI 401 SCRP PC GI 860 FV CR 732 FV CR	6846 6846030 6846040 6846060	4	STD 0.75 1.00 1.50
									362 BF 3CR GI 401 SCRP PC GI 860 FV CR 732 FV CR	2C6846 2C6846030 2C6846040 2C6846060	4	STD 0.75 1.00 1.50
1971-75	1968		2.0 L	4 CYL	18R, 18RC	Hi-Lux Shallow Oil Ring Grv. Art Piston .156 Depth	88.50 3.484	2.00 2.50 4.00	032 BF PC GI 401 SCRP PC GI 056 FV CR 732 FV CR	5623 5623010 5623020 5623030 5623040	4	STD 0.25 0.50 0.75 1.00
									362 BF 3CR GI 401 SCRP PC GI 056 FV CR 732 FV CR	2C5623 2C5623010 2C5623020 2C5623030 2C5623040	4	STD 0.25 0.50 0.75 1.00
1971-75	1968		2.0 L	4 CYL	18R, 18RC	Hi-Lux Deep Oil Grv.	88.50 3.484	2.00 2.50 4.00	032 BF PC GI 401 SCRP PC GI 860 FV CR 732 FV CR	6886 6886020 6886030 6886040	4	STD 0.50 0.75 1.00
									362 BF 3CR GI 401 SCRP PC GI 860 FV CR 732 FV CR	2C6886 2C6886020 2C6886030 2C6886040	4	STD 0.50 0.75 1.00
1970-78	1972		2.0 L	4 CYL	21R	Corona	84.00 3.307	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
1982-On	1972		2.0 L	4 CYL	21R	Corona	84.00 3.307	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
TOYOTA												
2013-18	1986		2.0 L	4 CYL	3ZR-FE, 3ZR-FAE DOHC	Avensis, Corolla, Noah, RAV 4, Voxy, 16V Flex Fuel Turbo	80.50 3.169	1.20 1.00 2.00	398 BF CR S 123 RVT PC DI 993 FV CR 005 FV CR	2C5395 2C539550 2C5395100	4	STD 0.50 1.00
	1988		2.0 L	6 CYL	1G, 1GE, 1GEU	Altezza, Crown, Soarer	75.00 2.953	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	STD 0.25 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00
1967-78	1994		2.0 L	4 CYL	5R	RS50 Crown 2000	88.00 3.464	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	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
1984-87	1995		2.0 L	4 CYL	2SEL, 2SELC, 21RC	Camry	84.00 3.307	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
1983-86	1995		2.0 L	4 CYL	2SEL	Camry	84.50 3.327	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
1986-97	1998		2.0 L	4 CYL	3SFE, 3Y	Camry, Celica, Hiace, RAV 4	86.00 3.386	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 STD 0.50 0.75 1.00
1986-95	1998		2.0 L	4 CYL	3SGTE, 3SGELC	Celica Altrac Celica GTS, MR2	86.00 3.386	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
1998-03	1998		2.0 L	4 CYL	3SFE	Camry, RAV 4	86.00 3.386	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
TOYOTA												
2001-04	1998		2.0 L	4 CYL	1AZ-FE	L4, RAV4	86.00 3.386	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
	1998		2.0 L	4 CYL	1RE, 1RZ	2000P, 8V	86.00 3.386	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
2005-18	1998		2.0 L	4 CYL	1TR-FE	Hilux, Innova w/ 2PC Oil Ring	86.00 3.386	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 248 CF CR 881 2PCO	2C7194	4	STD
1998-08	1998		2.0 L	4 CYL	1CD, 1CDA DOHC	Corolla Turbo Diesel	82.20 3.236	2.00 1.50 3.00	226 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2C7428	1	STD
2006-On	1998		2.0 L	4 CYL	1AD-FTV DOHC	Auris, Verso Diesel Eng	86.00 3.386	2.00 1.50 2.00	226 BF CR DI 218 TF PC DI 248 CF CR 881 2PCO	2C7465	1	STD
1990-98	2164		2.2 L	4 CYL	5SFE DOHC	Camry, Celica, MR2 16 valve	87.00 3.425	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
1990-94	2164		2.2 L	4 CYL	5SFE	Celica, MR2	87.00 3.425	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 997 FV CR 732 FV CR 397 BF PM S 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
1999-02	2164		2.2 L	4 CYL	5SFE	Solara Camry	87.00 3.425	1.20 1.20 3.00	398 BF CR S 126 RVT PC GI 997 FV CR 732 FV CR 398 BF CR S 435 SCRP PC GI 987 FV GN SS 714 GN SS	2C5006 2C5006010 2C5006020 2C5006030 2C5006040 2C5006060 2N5006 2N500625	4	STD 0.25 0.50 0.75 1.00 1.50 STD 0.25
1979-91	2188		2.2 L	4 CYL	L	Hiace, Hilux Mark II Diesel Eng	90.00 3.543	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
1975-80	2189		2.2 L	4 CYL	20R	Celica, Corona, Hi-Lux, Shallow Oil Ring Grv. Art Piston .156 Depth	88.50 3.484	2.00 2.50 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	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
1975-80	2189		2.2 L	4 CYL	20R	Celica, Corona, Hi-Lux, Deep Oil Grv.	88.50 3.484	2.00 2.50 4.00	032 BF PC GI 401 SCRP PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 401 SCRP 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
2005-On	2231		2.2 L	4 CYL	2AD-FTV DOHC	Auris, Verso Diesel Eng	86.00 3.386	2.00 1.50 2.00	226 BF CR DI 218 TF PC DI 248 CF CR 881 2PCO	2C7465	1	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
TOYOTA												
1985-90	2237		2.2 L	4 CYL	4Y, 4YEC	Hiace Van	91.00 3.582	1.50 1.50 4.00	032 BF PC GI 126 RVT PC GI 870 FV CR 732 FV CR	4480 4480010 4480020 4480030 4480040 4480060	4	STD 0.25 0.50 0.75 1.00 1.50
									362 BF 3CR GI 126 RVT PC GI 870 FV CR 732 FV CR	2C4480 2C4480010 2C4480020 2C4480030 2C4480040 2C4480060	4	STD 0.25 0.50 0.75 1.00 1.50
1966-72	2253		2.3 L	6 CYL	2M 2000, 50 OHC	Crown , MS Series	75.00 2.953	2.00 2.00 4.00	102 T PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR	6797 6797040	6	STD 1.00
									362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C6797 2C6797020 2C6797030 2C6797040 2C6797060	6	STD 0.50 0.75 1.00 1.50
2007-15	2362		2.4 L	4 CYL	2AZ-FE, 2AZ-FXE DOHC	L4 Corolla, Camry, RAV4 Scion XB	88.50 3.484	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
2001-07	3262		2.4 L	4 CYL	2AZ-FE, 2AZ-FXE	L4 Camry, Highlander, Matrix Scion Tc, Solara	88.50 3.484	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 991 FV CR 005 FV CR	2C5090 2C5090010 2C5090020 2C5090030 2C5090040	4	STD 0.25 0.50 0.75 1.00
									322 BF GN SS 435 SCRPP PC GI 987 FV GN SS 714 GN SS	2N5090 2N509025 2N509050	4	STD 0.25 0.50
2015-18	2393		2.4 L	4 CYL	2GD-FTV	Fortuner, Hi-Lux, Innova Diesel Eng.	92.00 3.622	2.00 1.50 3.00	276 HKST GN SS 264 TF GN SS 203 CF GN SS 881 2PCO	2D7306	4	STD
1985-95	2366		2.4 L	4 CYL	22R, 22RE, 22RGC, 22RTEC, 22REC	Celica, Pickup, 4Runner	92.00 3.622	1.50 1.50 4.00	032 BF PC GI 401 SCRPP PC GI 870 FV CR 732 FV CR	4216 4216010 4216020 4216030 4216040 4216060	4	STD 0.25 0.50 0.75 1.00 1.50
									363 BF CR GI 401 SCRPP PC GI 870 FV CR 732 FV CR	2C4216 2C4216010 2C4216020 2C4216030 2C4216040	4	STD 0.25 0.50 0.75 1.00
									335 T PM DI 401 SCRPP PC GI 870 FV CR 732 FV CR	2M4216 2M4216010 2M4216020 2M4216030 2M4216040 2M4216060	4	STD 0.25 0.50 0.75 1.00 1.50

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
TOYOTA												
1981-84	2366		2.4 L	4 CYL	22R, 22REC	Celica, Corona, Pickup, 4runner	92.00 3.622	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
1990-97	2438		2.4 L	4 CYL	2TZFE, 2TZFZE	Previa	95.00 3.740	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
1995-97	2438		2.4 L	4 CYL	2RZ-FE	Tacoma Deep Oil Ring Grv.	95.00 3.740	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
1998-04	2438		2.4 L	4 CYL	2RZ-FE DOHC	Tacoma Shallow Oil Ring Grv.	95.00 3.740	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
1977-06	2446		2.4 L	4 CYL	2LT, 2LTE	Turbo Diesel	92.00 3.622	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
1977-06	2446		2.4 L	4 CYL	2LT, 2LTE	Turbo Diesel	92.00 3.622	2.00 2.00 4.00	232 HKST CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2C7356	1	STD
2001-17	2494		2.5 L	4 CYL	2KD-FTV	Dyna, Fortuner, Hiace, Hilux Diesel Eng	92.00 3.622	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
2009-17	2494		2.5 L	4 CYL	2ARFE	VVT-i Camry, RAV4	90.00 3.543	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
1988-93	2507		2.5 L	6 CYL	2VZFE	Camry	87.50 3.445	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
1971-80	2563		2.6 L	6 CYL		Cressida, 4M, 4ME Mark II, MX23L, 4M Crown MS 63-65, MS75	80.00 3.150	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
									362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C6876 2C6876020 2C6876030 2C6876040	6	STD 0.50 0.75 1.00

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
TOYOTA												
1973-74			2.6 L	4 CYL	16R	Corona MK II 2600 Shallow Oil Ring Grv. Art Piston .156 Depth	88.50 3.484	2.00 2.50 4.00	032 BF PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR	5623 5623010 5623020 5623030 5623040	4	STD 0.25 0.50 0.75 1.00
									362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C5623 2C5623010 2C5623020 2C5623030 2C5623040	4	STD 0.25 0.50 0.75 1.00
1973-74			2.6 L	4 CYL	16R	Corona MK II 2600 Deep Oil Grv.	88.50 3.484	2.00 2.50 4.00	032 BF PC GI 401 SCRPP PC GI 860 FV CR 732 FV CR	6886 6886020 6886030 6886040	4	STD 0.50 0.75 1.00
									362 BF 3CR GI 401 SCRPP PC GI 860 FV CR 732 FV CR	2C6886 2C6886020 2C6886030 2C6886040	4	STD 0.50 0.75 1.00
2009-15	2672		2.7 L	4 CYL	1ARFE DOHC	Highlander, Venza	90.00 3.543	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
2006-13	2693		2.7 L	4 CYL	2TRFE	Hiace, Tacoma, 4Runner	95.00 3.740	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
1995-10	2693		2.7 L	4 CYL	3RZFE	4Runner, T100, Tacoma, Hilux 2700P Deep Oil Ring Grv.	95.00 3.740	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
1999-04	2693		2.7 L	4 CYL	3RZ-FE DOHC	4Runner, T100, Tacoma Shallow Oil Ring Grv.	95.00 3.740	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
1981-82	2759		2.8 L	6 CYL	5M, 5ME		83.00 3.268	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
1982-87	2759		2.8 L	6 CYL	5MGE, 5MGEV	Celica, Cressida, Supra Incl. Turbo	83.00 3.268	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
1988-05	2779		2.8 L	4 CYL	3L, KZTE	Hiace Van Toyo-Ace Hi-Lux Diesel Eng	96.00 3.779	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
TOYOTA												
1982-93	2954		3.0 L	6 CYL	7MGE, 7MGTE	Celica, Cressida, Supra Incl. Turbo	83.00 3.268	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	STD 0.50 0.75 1.00 STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00
1988-95	2959		3.0 L	6 CYL	3VZE		87.50 3.445	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
	2982		3.0 L	4 CYL	1KZ-TE	Land Cruiser Hilux Surf Hiace Wagon Diesel Eng.	96.00 3.779	2.00 2.00 3.00	211 HKST CC DI 415 SCRP TF PC DI 553 2PCO CR GI 881 2PCO	2D7310	4	STD
2000-10	2982		3.0 L	4 CYL	1KD-FTV DOHC	Hi Lux, Tocomo D4-D Diesel Eng	96.00 3.779	2.00 1.50 3.00	370 HKST 3CR GI 126 RVT PC GI 248 CF CR 881 2PCO	2D4583 2D458350	4	STD 0.50
2000-10	2982		3.0 L	4 CYL	1KD-FTV DOHC	Hi Lux, Tocomo D4-D Diesel Eng	96.00 3.779	2.00 1.50 3.00	232 HKST CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2C7330	1	STD
1994-06	2995		3.0 L	6 CYL	1MZFE DOHC		87.50 3.445	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
1993-98	2997		3.0 L	6 CYL	2JZGE, 2JZGTE DOHC	Incl. Turbo	86.00 3.386	1.50 1.50 4.00	376 BF CR DI 435 SCRP PC GI 058 FV CR 732 FV CR	2C4713 2C4713010 2C4713020 2C4713030 2C4713040	6	STD 0.25 0.50 0.75 1.00
	3000		3.0 L	4 CYL	5L	Hiace Diesel Eng	99.50 3.917	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
2003-10	3310		3.3 L	6 CYL	3MZFE	Highlander, Sienna, Solara	92.00 3.622	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
1996-06	3378		3.4 L	6 CYL	5VZFE	4Runner T100 Tacoma	93.50 3.681	1.50 1.50 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	4911 4911020 4911030 4911040 2C4911 2C4911010 2C4911020 2C4911030 2C4911040	6	STD 0.50 0.75 1.00 STD 0.25 0.50 0.75 1.00
2005-15	3456		3.5 L	6 CYL	2GRFE Vin: W DOHC		94.00 3.701	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
	3780		3.8 L	4 CYL	OM314.910	Bandeirante Diesel Eng.	97.00 3.819	3.00 3.00 3.00 5.50	227 FKST CR DI 035 TF PC GI 035 TF PC GI 553 2PCO CR GI	2D4512 2D451250 2D4512100	2	STD 0.50 1.00

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
TOYOTA												
1972-74	3878		3.9 L	6 CYL	F	Landcruiser	90.00	2.00	032 BF PC GI	4229	6	STD
							3.543	2.50	126 RVT PC GI	4229020		0.50
								4.00	860 FV CR			
								4.00	732 FV CR			
									501 1PCO PC GI			
									362 BF 3CR GI	2C4229	6	STD
									126 RVT PC GI	2C4229020		0.50
									860 FV CR			
									732 FV CR			
									501 1PCO PC GI			
1988-92	3955		4.0 L	6 CYL	3FE	Landcruiser	94.00	2.00	363 BF CR GI	2C4688	6	STD
							3.701	2.00	126 RVT PC GI	2C4688010		0.25
								4.00	870 FV CR	2C4688020		0.50
									732 FV CR	2C4688030		0.75
										2C4688040		1.00
2003-15	3955		4.0 L	6 CYL	1GRFE DOHC	Tacoma, Tundra	94.00	1.20	398 BF CR S	2C5151	6	STD
							3.701	1.20	126 RVT PC GI	2C5151020		0.50
								2.00	991 FV CR	2C5151030		0.75
									005 FV CR	2C5151040		1.00
1991-97	3969		4.0 L	8 CYL	1UZFE	LS400, SC400	87.50	1.50	335 T PM DI	2M4678	8	STD
							3.445	1.50	126 RVT PC GI	2M4678020		0.50
								3.00	997 FV CR	2M4678030		0.75
									732 FV CR	2M4678040		1.00
1986-90	3995		4.0 L	6 CYL	3F	Landcruiser	94.00	1.50	032 BF PC GI	4612	6	STD
							3.701	1.50	126 RVT PC GI	4612020		0.50
								4.00	870 FV CR	4612040		1.00
									732 FV CR			
									363 BF CR GI	2C4612	6	STD
									126 RVT PC GI	2C4612020		0.50
									870 FV CR	2C4612030		0.75
									732 FV CR	2C4612040		1.00
										2C4612060		1.50
1974-87	4230		4.2 L	6 CYL	2F	Landcruiser	94.00	2.00	032 BF PC GI	5462	6	STD
							3.701	2.50	126 RVT PC GI	5462010		0.25
								4.00	860 FV CR	5462020		0.50
									732 FV CR	5462030		0.75
										5462040		1.00
										5462060		1.50
									362 BF 3CR GI	2C5462	6	STD
									126 RVT PC GI	2C5462010		0.25
									860 FV CR	2C5462020		0.50
									732 FV CR	2C5462030		0.75
										2C5462040		1.00
										2C5462060		1.50
									327 BF PM GI	2M5462	6	STD
									126 RVT PC GI	2M5462010		0.25
									860 FV CR	2M5462020		0.50
									732 FV CR	2M5462030		0.75
										2M5462040		1.00
										2M5462060		1.50
1994-97	4476		4.5 L	6 CYL	1FZFE	Landcruiser	100.00	1.75	032 BF PC GI	4776	6	STD
							3.937	2.00	126 RVT PC GI	4776020		0.50
								4.00	052 FV CR	4776030		0.75
									732 FV CR	4776040		1.00
									363 BF CR GI	2C4776	6	STD
									126 RVT PC GI	2C4776010		0.25
									052 FV CR	2C4776020		0.50
									732 FV CR	2C4776030		0.75
										2C4776040		1.00
2009-19	4608		4.6 L	8 CYL	1URFE DOHC	Sequoia, Tundra	94.00	1.20	398 BF CR S	2C4586	8	STD
							3.701	1.20	126 RVT PC GI	2C4586010		0.25
								2.00	991 FV CR	2C4586020		0.50
									005 FV CR	2C4586030		0.75
										2C4586040		1.00
2005-10	4663		4.7 L	8 CYL	2UZFE DOHC	4 Runner, Land Cruiser Tundra	94.00	1.20	398 BF CR S	2C4566	8	STD
							3.701	1.20	126 RVT PC GI	2C4566020		0.50
								3.00	997 FV CR	2C4566030		0.75
									732 FV CR	2C4566040		1.00

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
TOYOTA												
1999-04	4663		4.7 L	8 CYL	2UZFE	Sequoia, Landcruiser, Tundra, 4Runner	94.00 3.701	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
2007-20	5663		5.7 L	8 CYL	3URFE DOHC	Land Crusier, Sequoia, Tundra	94.00 3.701	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
TRIUMPH												
1966-72	1296		1.3 L	4 CYL		1300TC, Spitfire Mark III	2.910	1/16 1/16 5/32	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
									362 BF 3CR GI 401 SCRPP PC GI 058 FV CR 732 FV CR	2C6840 2C6840020 2C6840030 2C6840040	4	STD 0.50 0.75 1.00
1966-68	1296		1.3 L	4 CYL		1300, 13/60 OHV	2.910	1/16 1/16 5/32	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
									362 BF 3CR GI 401 SCRPP PC GI 058 FV CR 732 FV CR	2C6840 2C6840020 2C6840030 2C6840040	4	STD 0.50 0.75 1.00
1973-80	1493		1.5 L	4 CYL		Spitfire Mark IV	2.910	1/16 1/16 5/32	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
									362 BF 3CR GI 401 SCRPP PC GI 058 FV CR 732 FV CR	2C6840 2C6840020 2C6840030 2C6840040	4	STD 0.50 0.75 1.00
1975-80	1998		2.0 L	4 CYL	TR7		90.30 3.555	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
1962-69	2138		2.1 L	4 CYL	TR4, TR4A		3.386	1/16 1/16 5/32	102 T PC GI 102 T PC GI 058 FV CR 732 FV CR	6735 6735040	4	STD 1.00
									362 BF 3CR GI 102 T PC GI 058 FV CR 732 FV CR	2C6735 2C6735040	4	STD 1.00
1968-76	2498		2.5 L	6 CYL	TR6, TR250		2.940	1/16 1/16 5/32	102 T PC GI 401 SCRPP PC GI 056 FV CR 732 FV CR	6817 6817020	6	STD 0.50
									362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C6817	6	STD
1979-82	3522		3.5 L	8 CYL	TR8		88.90 3.500	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
TRIUMPH-MOTORCYCLE												
				2 CYL	TR7, T140		2.993	1/16 1/16 1/8	102 T PC GI 102 T PC GI 501 1PCO PC GI	5119 5119020 5119040 5119060	2	STD 0.50 1.00 1.50
1967-70 1969-75	250 750			1 CYL 3 CYL			2.638	1/16 1/16 1/8	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	STD 1.00 1 STD 1.00
1966-75	650			2 CYL			2.795	1/16 1/16 1/8	102 T PC GI 102 T PC GI 501 1PCO PC GI 362 BF 3CR GI 102 T PC GI 501 1PCO PC GI	6938 6938040 2C6938 2C6938020 2C6938080	2	STD 1.00 2 STD 0.50 2.00
VAUXHALL												
1996-00	973		1.0 L	4 CYL	X10XE, Z10XE	Agila, Corsa	72.50 2.854	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	STD 0.50 1 STD 0.25 0.50
2017-On	1119		1.2 L	3 CYL	B 12 XE	Crossland	75.00 2.953	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
1998-00	1199		1.2 L	4 CYL	Z12XE, X12XE	Astra, Agila, Corsa	72.50 2.854	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	STD 0.50 1 STD 0.25 0.50
2004-12	1248		1.3 L	4 CYL	Y13DT, Z13DT	Agila, Combo, Corsa, Meriva, Tigra Turbo Diesel	69.60 2.740	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
1970-On	1300		1.3 L	4 CYL		Viva HC	3	3/16 5/64 5/64 3/16	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	4417 4417040 2C4417 2C4417020 2C4417030	4	STD 1.00 4 STD 0.50 0.75
2010-On	1364		1.4 L	4 CYL	A 14 NET Euro 5	Astra, Cascada, Insignia	72.50 2.854	1.20 1.20 2.00	322 BF GN SS 406 N PC DI 987 FV GN SS 714 GN SS	2N4141	4	STD
1968-70	1597		1.6 L	4 CYL	OHC		3	3/8 5/64 5/64 3/16	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	6874 2C6874	4	STD 4 STD
2004-14	1686		1.7 L	4 CYL	A17DT, A17DC, A17DTI A17DTJ, A17DTL, A17DTR, A17DTS, Z17DTJ, Z17DTR	Astra, Corsa, Meriva, Zafira	79.00 3.110	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
VAUXHALL												
1998-06	1870		1.9 L	4 CYL	F8Q SOHC	Arena Combi Diesel Eng	80.00 3.150	2.00 2.00 3.00	219 BF PM DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2M5860	1	STD
2004-11	1910		1.9 L	4 CYL	Z 19 DTH, Z 19 DTJ	Astra, Signum, Vectra, Zafira Diesel Eng	82.00 3.228	2.00 2.00 2.00	205 BF CR DI 214 RVL PC DI 248 CF CR 881 2PCO	2D7366 2D736640 2D736660	1	STD 0.40 0.60
2008-On	1956		2.0 L	4 CYL	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	Astra, Insignia, Zafira Diesel Eng Turbo Intercooled	83.00 3.268	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
1970-71	1975	121	2.0 L	4 CYL	OHC		3 3/4	5/64 5/64 3/16	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
2006-15	1991		2.0 L	4 CYL	Z 20DM, Z20 DHM	Antara	83.00 3.268	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
1998-06	1995		2.0 L	4 CYL	X20DTL, Y20DTL SOHC	Astra, Vectra Turbo Diesel	84.00 3.307	2.00 1.75 3.00	205 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2D7290	1	STD
2006-On	1995		2.0 L	4 CYL	M9R	Turbo Diesel	84.00 3.307	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
1995-05	1995		2.0 L	4 CYL	X20DTH SOHC	Astra, Omega, Vectra Turbo Diesel w/Keystone top grv.	84.00 3.307	2.50 1.75 3.00	241 FKST CC DI 218 TF PC DI 204 CF CR DI 881 2PCO	2D7376	1	STD
1995-08	1995		2.0 L	4 CYL	Y 20 DTH	Astra, Omega, Vectra Turbo Diesel	84.00 3.307	1.75 1.75 3.00	205 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2D7167	1	STD
1997-08	2172		2.2 L	4 CYL	X 22 DTH, Y 22 DTH, Y 22 DTR	Astra, Omega, Vectra Turbo Diesel	84.00 3.307	1.75 1.75 3.00	205 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2D7167	1	STD
2000-10	2188		2.2 L	4 CYL	G9T 720, G9T 722, G9T 750	Movano Turbo Diesel	87.00 3.425	3.00 1.75 2.50	228 HKST PM DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2M7349	1	STD
2003-06	2464		2.5 L	4 CYL	G9U 630	Vivaro Turbo Diesel	89.00 3.504	3.00 1.75 2.50	228 HKST PM DI 218 TF PC DI 204 CF CR DI 881 2PCO	2M7328	1	STD
1989-97	2499		2.5 L	4 CYL	4JA1	Diesel Eng Chrome Slvs use 7384	93.00 3.661	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
1996-98	2499		2.5 L	4 CYL	25TDS (VM41B)	Frontera Turbo Diesel	92.00 3.622	2.50 2.00 4.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
1998-01	2799		2.8 L	4 CYL	S9W 700, S9W 702	Turbo Diesel	94.40 3.716	3.00 2.00 3.00	225 FKST CR DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2C7353	1	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
VAUXHALL												
1998-01	2799		2.8 L	4 CYL	S9W 700, S9W 702	Turbo Diesel	94.40 3.716	2.50 2.00 2.50	233 FKST PM DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2M7450	1	STD
VM MOTORI												
	598		0.6 L	1 CYL	HR92-1	Diesel Eng Incl Turbo	92.00 3.622	2.50 2.00 4.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
	1196		1.2 L	2 CYL	HR92-2	Diesel Eng Incl Turbo	92.00 3.622	2.50 2.00 4.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
	1794 1779		1.8 L 1.8 L	3 CYL 3 CYL	HR92-3 VM 392 HT	Diesel Eng Incl Turbo	92.00 3.622	2.50 2.00 4.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
	2392		2.4 L	4 CYL	HR92-4, VM 492 HT, VM 81 A	Diesel Eng Incl Turbo	92.00 3.622	2.50 2.00 4.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
	2776		2.8 L	4 CYL	HR94 DOHC TCi	Diesel Eng	94.00 3.701	3.00 2.00 4.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7362	1	STD
	2990		3.0 L	5 CYL	HR92-5	Diesel Eng Incl Turbo	92.00 3.622	2.50 2.00 4.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
	3588		3.6 L	6 CYL	HR92-6	Diesel Eng Incl Turbo	92.00 3.622	2.50 2.00 4.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
VOLKSWAGEN												
1975-82	895		0.9 L	4 CYL	HA	Polo, Derby	69.50 2.736	1.75 2.50 4.00	362 BF 3CR GI 401 SCRPF PC GI 055 FV CR 732 FV CR	2C4484	4	STD
1975-82	895		0.9 L	4 CYL	HA	Polo, Derby	69.50 2.736	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
									362 BF 3CR GI 401 SCRPF PC GI 055 FV CR 732 FV CR	2C6192 2C6192010 2C6192020 2C6192030 2C6192040	4	STD 0.25 0.50 0.75 1.00
1996-On	999		1.0 L	4 CYL	EA111	RSH, Lupo, Polo	67.10 2.642	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
2000-On	999		1.0 L	4 CYL	AZP, BTY	Fox, Gol, Paraty, Saveiro	67.10 2.642	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
2011-On	999		1.0 L	3 CYL	CHYA, CHYB, CPGA	Polo, Up	74.50 2.933	1.00 1.20 2.00	322 BF GN SS 126 RVT PC GI 993 FV CR 732 FV CR	2N5672	3	STD
	1000		1.0 L	4 CYL		Gol Brazilian Mahle Piston	70.30 2.768	1.50 1.50 3.00	362 BF 3CR GI 126 RVT PC GI 996 FV CR 732 FV CR	2C4273	4	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
VOLKSWAGEN												
1990-99	1043		1.0 L	4 CYL	AAU, AEV	Polo	75.00 2.953	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
1974-90	1093		1.1 L	4 CYL	FA, FJ, GG HB, HC, HD	Golf, Jetta, Scirocco Derby, Golf, Polo	69.50 2.736	1.75 2.50 4.00	362 BF 3CR GI 401 SCRPP PC GI 055 FV CR 732 FV CR	2C4484	4	STD
1974-90	1093		1.1 L	4 CYL	FA, FJ, GG HB, HC, HD	Golf, Jetta, Scirocco Derby, Golf, Polo	69.50 2.736	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
1954-65	1192		1.2 L	4 CYL	111, 211	1200, 30CV 1200 36-40 H.P.	77.00 3.031	2.50 2.50 4.00	362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C5868	4	STD
2010-18	1197		1.2 L	4 CYL	CBZA, CBZB, CBCZ, CJZA, CJZB, CJZC, CJZD, CYVA, CYVB CYVC, CYVD	Beetle, Caddy, Golf, Jetta, Polo, Touran, Vento	71.00 2.795	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
1989-94	1272		1.3 L	4 CYL	3F	Polo	75.00 2.953	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
1964-81	1285		1.3 L	4 CYL	AB, D, E, F	Beatle, Karmann (1200 and 1300)	77.00 3.031	2.00 2.00 4.00	102 T PC GI 435 SCRPP PC GI 056 FV CR 732 FV CR	6780	4	STD
									362 BF 3CR GI 435 SCRPP PC GI 056 FV CR 732 FV CR	2C6780 2C6780020 2C6780040	4	STD 0.50 1.00
1967-75			1.3 L	4 CYL		Type I, Type II Fits Brazilian Mahle Piston	77.00 3.031	2.00 2.00 4.00	102 T PC GI 401 SCRPP PC GI 058 FV CR 732 FV CR	4851 4851020	4	STD 0.50
2007-13	1390		1.4 L	4 CYL	BCA, BKR, BKY, BUD, CAXA, CDDA, CFNA, CFNB, CGGA, CGGB, CPLA, CMSB	Caddy, TSI Eos, Golf, Jetta, Passat, Polo, Scirocco, Touran	76.50 3.012	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C5438 2C543850	4	STD 0.50
									322 BF GN SS 126 RVT PC GI 993 FV CR 005 FV CR	2N5438 2N543825 2N543850	4	STD 0.25 0.50
1991-96	1391		1.4 L	4 CYL	ABD	Golf, CL/GI, Polo, CL/GT, Vento CL/GL	75.00 2.953	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
VOLKSWAGEN												
					CNWA, CAVE, CAVD, CAVC, CAVB, CAVA, CTHE, CTHA, CNWB,	Sharan, Beetle, Eos, Scirocco, Polo incl. Turbo	3.012	1.50 2.00	126 RVT PC GI 993 FV CR 005 FV CR	2C5391020		0.50
									322 BF GN SS	2N5391	4	STD
									126 RVT PC GI	2N539125		0.25
									987 FV GN SS	2N539150		0.50
									714 GN SS			
1996-09	1423		1.4 L	4 CYL	AGY	Golf, Polo	76.50 3.012	1.20 1.50 2.50	398 BF CR S 401 SCRP PC GI 995 FV CR 732 FV CR	2C5294 2C5294020 2C5294040	4	STD 0.50 1.00
1976-80	1457		1.5 L	4 CYL	EH	Rabbit	79.50 3.130	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	2C4490	4	STD
									126 RVT PC GI	2C4490010		0.25
									056 FV CR	2C4490020		0.50
									732 FV CR	2C4490030		0.75
										2C4490040		1.00
										2C4490060		1.50
									327 BF PM GI	2M4490	4	STD
									126 RVT PC GI	2M4490010		0.25
									056 FV CR	2M4490020		0.50
									732 FV CR	2M4490030		0.75
										2M4490040		1.00
										2M4490060		1.50
1977-84	1457		1.5 L	4 CYL	JB	Dasher, Golf, Rabbit,	79.50 3.130	1.75 2.50 5.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6118 6118020 6118030 6118040	4	STD 0.50 0.75 1.00
									362 BF 3CR GI	2C6118	4	STD
									126 RVT PC GI	2C6118020		0.50
									860 FV CR	2C6118040		1.00
									732 FV CR			
1973-77	1471		1.5 L	4 CYL	YJ, ZB, ZC	Dasher, Rabbit, Scirocco	76.50 3.012	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	2C4282	4	STD
									126 RVT PC GI	2C4282010		0.25
									056 FV CR	2C4282020		0.50
									732 FV CR	2C4282030		0.75
										2C4282040		1.00
1976-80	1471		1.5 L	4 CYL	CK	Golf, Jetta, Passat incl. Turbo Diesel	76.50 3.012	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
1961-73	1493		1.5 L	4 CYL	H, K	1500, 1600, Kaefer 1500	83.00 3.268	2.00 2.00 4.00	032 BF PC GI 401 SCRP PC GI 056 FV CR 732 FV CR	6793 6793040 6793060	4	STD 1.00 1.50
									362 BF 3CR GI	2C6793	4	STD
									401 SCRP PC GI	2C6793040		1.00
									056 FV CR			
									732 FV CR			
	1493		1.5 L	4 CYL		1500 Series	87.00 3.425	2.00 2.00 5.00	032 BF PC GI 126 RVT PC GI 871 FV CR 732 FV CR	4298	4	STD
									362 BF 3CR GI	2C4298	4	STD
									126 RVT PC GI	2C4298020		0.50
									871 FV CR			
									732 FV CR			
	1493		1.5 L	4 CYL		1500 Series	87.00 3.425	1.50 1.50 5.00	362 BF 3CR GI 102 T PC GI 871 FV CR 732 FV CR	2C4299	4	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
VOLKSWAGEN												
						Fits Brazilian Mahle Piston	3.130	2.00 4.00	126 RVT PC GI 058 FV CR 732 FV CR	4833020 4833040		0.50 1.00
									363 BF CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C4833 2C4833020 2C4833040	4	STD 0.50 1.00
1992-03	1584		1.6 L	4 CYL	ACD	Kaefer 1600 i	85.50 3.666	1.75 2.00 5.00	202 TTF PC DI 406 N PC DI 553 CF CR GI 881 2PCO	5277	4	STD
	1584		1.6 L	4 CYL		1600 Series	87.00 3.425	2.00 2.00 5.00	032 BF PC GI 126 RVT PC GI 871 FV CR 732 FV CR	4298	4	STD
									362 BF 3CR GI 126 RVT PC GI 871 FV CR 732 FV CR	2C4298 2C4298020	4	STD 0.50
	1584		1.6 L	4 CYL		1600 Series	87.00 3.425	1.50 1.50 5.00	362 BF 3CR GI 102 T PC GI 871 FV CR 732 FV CR	2C4299	4	STD
1974-77	1588		1.6 L	4 CYL		Dasher, So, Rabbit, Scirocco	79.50 3.130	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
	1588		1.6 L	4 CYL		Passat	81.00 3.189	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
	1588		1.6 L	4 CYL		AE Voyage,Gol, Parati, Saveiro Fits Brazilian Mahle Piston	77.00 3.030	1.50 1.50 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	4803 4803020	4	STD 1.00
									363 BF CR GI 126 RVT PC GI 054 FV CR 732 FV CR	2C4803 2C4803020	4	STD 0.50
1975-On	1588		1.6 L	4 CYL		Dasher, Golf, Passat Fits Brazilian Mahle Piston	79.50 3.130	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
1965-84	1588		1.6 L	4 CYL	65CV Eng	1600, 57, 60, 65 H.P. Brazilian Mahle Piston	85.50 3.366	2.00 2.00 5.00	102 T PC GI 401 SCRP PC GI 871 FV CR 732 FV CR	4841 4841020 4841040	4	STD 0.50 1.00
									363 BF CR GI 126 RVT PC GI 871 FV CR 732 FV CR	2C4841 2C4841020 2C4841040	4	STD 0.50 1.00

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
VOLKSWAGEN												
	1588		1.6 L	4 CYL		GOL, AE1600 Fits Brazilian Mahle Piston	77.00 3.031	1.50 1.50 2.00	032 BF PC GI 401 SCRP PC GI 993 FV CR 005 FV CR	4977	4	STD
									363 BF CR GI 401 SCRP PC GI 993 FV CR 005 FV CR	2C4977 2C4977020 2C4977040	4	STD 0.50 1.00
1976-77	1588		1.6 L	4 CYL		Dasher, Rabbit, Scirocco High Performance Piston	79.50 3.130	1.75 2.00 5.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6117 6117020 6117040	4	STD 0.50 1.00
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6117 2C6117020 2C6117040	4	STD 0.50 1.00
1967-82	1588		1.6 L	4 CYL	AK,AL, AM, AS,B, CZ, P, T, U	1500,1600, Kaefer, Transporter	85.50 3.366	2.00 2.00 5.00	032 BF PC GI 401 SCRP PC GI 871 FV CR 732 FV CR	6781 6781010 6781020 6781030 6781040 6781060	4	STD 0.25 0.50 0.75 1.00 1.50
									362 BF 3CR GI 401 SCRP PC GI 871 FV CR 732 FV CR	2C6781 2C6781010 2C6781020 2C6781030 2C6781040 2C6781060	4	STD 0.25 0.50 0.75 1.00 1.50
1978-88	1588		1.6 L	4 CYL	FN, YN	Dasher,Quantum,Rabbit	79.50 3.130	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
1976-84	1588		1.6 L	4 CYL	FN,FT,YS	Scirocco	79.50 3.130	1.75 2.50 5.00	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6118 6118020 6118030 6118040	4	STD 0.50 0.75 1.00
									362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6118 2C6118020 2C6118040	4	STD 0.50 1.00
1979-92	1588		1.6 L	4 CYL	CR, CS, JK, JP, ME	Golf, Jetta, Passat, Santana incl. Turbo Diesel	76.50 3.012	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
1997-On	1595		1.6 L	4 CYL	AHL, ALZ, ANA, ARM, AVU, AYD,BFQ, BFS, BGU,BSE, BSF	Bora, Golf,Jetta, Caddy, Passat, Touran,New Beetle	81.00 3.189	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
1996-02	1595		1.6 L	4 CYL	AEH, AFT, AKL, APF, AUR	Cordoba, Ibiza, Leon, Toledo	81.00 3.189	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
VOLKSWAGEN												
1983-97	1595		1.6 L	4 CYL	1F, ABN, DT,EZ, RE, RF, RL	Caddy, Golf, Jetta, Rabbit, Scirocco	81.00 3.189	1.50 1.75 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	4341 4341010 4341020 4341030 4341040	4	STD 0.25 0.50 0.75 1.00
									362 BF 3CR GI 126 RVT PC GI 054 FV CR 732 FV CR	2C4341 2C4341010 2C4341020 2C4341030 2C4341040	4	STD 0.25 0.50 0.75 1.00
									335 T PM DI 126 RVT PC GI 054 FV CR 732 FV CR	2M4341 2M4341010 2M4341020 2M4341030 2M4341040	4	STD 0.25 0.50 0.75 1.00
1993-98	1598		1.6 L	4 CYL	ABU	Golf,Vento	76.50 3.012	1.50 1.50 2.50	362 BF 3CR GI 401 SCRP PC GI 995 FV CR 732 FV CR	2C5022 2C5022020 2C5022030 2C5022040	4	STD 0.50 0.75 1.00
2003-11	1598		1.6 L	4 CYL	BAG, BLF, BLP, BTS	FSI Eos, Golf, Jetta, Passat, Touran	76.50 3.012	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C5438 2C543850	4	STD 0.50
						Passat, Touran			322 BF GN SS 126 RVT PC GI 993 FV CR 005 FV CR	2N5438 2N543825 2N543850	4	STD 0.25 0.50
1984-On	1600		1.6 L	4 CYL		Made in Brazil, Gas/Alch Brazilian Mahle Piston	85.50 3.366	1.50 1.75 4.00	102 T PC GI 126 RVT PC GI 058 FV CR 732 FV CR	4664 4664010 4664020 4664040	4	STD 0.25 0.50 1.00
									362 BF 3CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C4664 2C4664010 2C4664020 2C4664040	4	STD 0.25 0.50 1.00
1976-On			1.6 L	4 CYL		Dasher D, Golf D, Jetta D, Passat D, Santana D Fits Brazilian Mahle Piston Diesel Eng	76.50 3.012	1.75 2.00 3.00	032 BF PC GI 401 SCRP PC GI 054 FV CR 732 FV CR	4832 4832020	4	STD 0.50
									363 BF CR GI 401 SCRP PC GI 054 FV CR 732 FV CR	2C4832 2C4832040	4	STD 1.00
1979-83	1600		1.6 L	4 CYL			85.50 3.366	1.75 2.00 5.00	032 BF PC GI 401 SCRP PC GI 860 FV CR 732 FV CR	6165 6165010 6165020 6165030 6165040 6165060	4	STD 0.25 0.50 0.75 1.00 1.50
									362 BF 3CR GI 401 SCRP PC GI 860 FV CR 732 FV CR	2C6165 2C6165010 2C6165020 2C6165030 2C6165040	4	STD 0.25 0.50 0.75 1.00
1974-76	1600		1.6 L	4 CYL		Dasher, Rabbit,Passat, Scirocco	76.50 3.012	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
VOLKSWAGEN												
	1600		1.6 L	4 CYL		Passat, Santana, Scirocco Fits Brazilian Mahle Piston	79.50 3.130	1.75 2.00 4.00	032 BF PC GI 126 RVT PC GI 058 FV CR 732 FV CR	4833 4833020 4833040	4	STD 0.50 1.00
									363 BF CR GI 126 RVT PC GI 058 FV CR 732 FV CR	2C4833 2C4833020 2C4833040	4	STD 0.50 1.00
1970-On	1605		1.6 L	4 CYL		K70, 75CH TC8	82.00 3.228	1.75 2.00 4.00	362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C7333	4	STD
	1679		1.7 L	4 CYL		Overbore Repl. Kit	92.00 3.622	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
1971-75	1679		1.7 L	4 CYL	85 H.P.	411, 1700	90.00 3.543	2.00 2.00 5.00	362 BF 3CR GI 401 SCRPP PC GI 871 FV CR 732 FV CR	2C6864	4	STD
1985-05	1715		1.7 L	4 CYL	KY	Transporter Diesel Eng w/2 pc oil ring	79.50 3.130	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
1978-86	1716		1.7 L	4 CYL	EN	Rabbit, Scirocco	79.50 3.130	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
1987-On	1781		1.8 L	4 CYL	UDH	Pointer	81.00 3.189	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
1996-00	1781		1.8 L	4 CYL	AGN, AGU, APT, ARG DOHC incl. Turbo	Bora, Golf, Passat	81.00 3.189	1.50 1.75 2.00	032 BF PC GI 126 RVT PC GI 993 FV CR 005 FV CR	4923 4923020	4	STD 0.50
									335 T PM DI 126 RVT PC GI 993 FV CR 005 FV CR	2M4923 2M4923020 2M4923030 2M4923040	4	STD 0.50 0.75 1.00

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
VOLKSWAGEN												
1983-02	1781		1.8 L	4 CYL	AAM, ACC, JN, RD, RM, RP	Golf, Jetta, Passat	81.00 3.189	1.50 1.75 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR	4341 4341010 4341020 4341030 4341040	4	STD 0.25 0.50 0.75 1.00
									362 BF 3CR GI 126 RVT PC GI 054 FV CR 732 FV CR	2C4341 2C4341010 2C4341020 2C4341030 2C4341040	4	STD 0.25 0.50 0.75 1.00
									335 T PM DI 126 RVT PC GI 054 FV CR 732 FV CR	2M4341 2M4341010 2M4341020 2M4341030 2M4341040	4	STD 0.25 0.50 0.75 1.00
1974-75	1795		1.8 L	4 CYL	21	Buss Model 411, 412	93.00 3.661	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
	1798		1.8 L	4 CYL	CDA, VAG	DOHC Turbo L4 3 PC OIL	82.50 3.248	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
2005-15	1798		1.8 L	4 CYL	CDAA, CDAB, CJSB, CJSB, CJSB	TSI	82.50 3.248	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
	1835		1.8 L	4 CYL		1600 Big Bore Cima (Late)	92.00 3.622	1.50 2.00 4.00	032 BF PC GI 401 SCRP PC GI 056 FV CR 732 FV CR	4178	4	STD
1986-88	1857		1.9 L	4 CYL		Passat	82.50 3.248	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
1989-04	1896		1.9 L	4 CYL	1X, 1Y, AAZ, ABL, ADE, ADG, AEF	Golf, Passat, Polo, Transporter, Vento Diesel Eng w/2 pc oil ring	79.50 3.130	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
	1915		1.9 L	4 CYL		1600 Big Bore (Late)	94.00 3.701	1.50 2.00 4.00	032 BF PC GI 126 RVT PC GI 856 FV CR 732 FV CR	4177	4	STD
2012-on	1968		2.0 L	4 CYL	CRBC, CRBL, CRVA	GOLF VII Turbo Diesel	81.00 3.189	1.75 2.00 2.00	363 BF CR GI 130 RVT PC GI 203 CF GN SS 881 2PCO	2C7487	1	STD
1990-10	1968		2.0 L	4 CYL	AAC, AZV, BDK, BMM, BNA, BST SOHC	Golf, Jetta, Passat Diesel Eng w/2 pc oil ring	81.00 3.189	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
1975-84	1971		2.0 L	4 CYL	29	2 Series, 211, 221, Vanagon	94.00 3.701	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
VOLKSWAGEN												
1988-10	1984	2.0 L	4 CYL	2E, 9A, ABF, ACX, ADY AEG, AEP, AGG, AKR, APK, AQY, ATM, AXA, AZH, AZJ, AZM, BBX, BEF, BEH, BEJ, BER, BHP CBPA		Golf, Jetta, Passat, Quantum, Santana, Voyager	82.50 3.248	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
	1984	2.0 L	4 CYL			Corrado, Passat, Vento Fits Brazilian Mahle Piston	82.50 3.248	1.50 1.50 2.00	032 BF PC GI 126 RVT PC GI 934 FV CR 935 FV CR	6190 6190020 6190040	4	STD 0.50 1.00
									363 BF CR GI 126 RVT PC GI 934 FV CR 935 FV CR	2C6190 2C6190020 2C6190040	4	STD 0.50 1.00
2003-10	1984	2.0 L	4 CYL	ALT, AWX, AXX, BLR, BLX, BLY, BPY, BVX BVY, BVZ, BWA		Eos, Golf, Jetta, Passat	82.50 3.248	1.20 1.50 2.00	322 BF GN SS 406 N PC DI 248 CF CR 881 2PCO	2N4144	1	STD
2006-18	1984	2.0 L		BZB, CAWA, CBFA, CCCA, CCTA, CCZB, CDAB, CFPA, CHHA, CJKA, CJKB, CJSA, CJSB, CJSC, CJXB, CJXC, CJXE, CULA, CYFB, DEDA		TSI	82.50 3.248	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
1983-84	1986	2.0 L	5 CYL	CN		Diesel Eng	76.50 3.012	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
1985-92	2109	2.1 L	4 CYL	DJ/SR		Campmobil, Syncro, Transporter, Typ 2	94.00 3.701	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
1978-84	2144	2.1 L	5 CYL	WE		Passat, Santana	79.50 3.130	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
1983-88	2226	2.2 L	5 CYL	HY, JT, KM, KV, KX		Passat Variant	81.00 3.189	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
1990-03	2370	2.4 L	5 CYL	AJA, AAB		Chassis, Transporter Diesel Eng w/2 pc oil ring	79.50 3.130	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
1990-03	2370	2.4 L	5 CYL	AJA, AAB		Chassis, Transporter Diesel Eng w/2 pc oil ring	79.50 3.130	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
1978-80	2383	2.4 L	6 CYL	TR6		Golf, Jetta, Passat incl. Turbo Diesel	76.50 3.012	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
	2400	2.4 L	6 CYL			5 Valve V-6	81.00 3.189	1.50 1.50 2.00	327 BF PM GI 401 SCR PC GI 203 CF GN SS 881 2PCO	2D5020	6	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
VOLKSWAGEN												
1989-97	2446		2.4 L	4 CYL	2L	Taro Diesel Eng	92.00 3.622	2.00 2.00 4.00	232 HKST CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2C7356	1	STD
1990-96	2459		2.5 L	5 CYL	ACU, AAF	Caravelle, Transporter 3 PC Oil Ring	81.00 3.189	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	4922 4922020 4922030 4922040 2C4922 2C4922020 2C4922030 2C4922040	5	STD 0.50 0.75 1.00 5 0.50 0.75 1.00
1990-03	2459		2.5 L	5 CYL	AAF, ACU, AET, AEV SOHC	Transporter Diesel Eng w/2 pc oil ring	81.00 3.189	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
1995-11	2461		2.5 L	5 CYL	ACV, AGX, AHD, AJT, AXD, AXE, BAC, BCT, BCU, BCY, BJL BJM, BCT,BLJ, BLK, BTW CECA, CECB	Turbo Diesel	81.00 3.189	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
2002-10	2461		2.5 L	5 CYL	AJS, AXD, AXE, AYH, BAC, BCT, BCU, BCY, BJL, BJM, BLJ, BLK, CBWA, CECA, CECB	Crafter, Multivan Touareg, Stationary Eng. Turbo Diesel	81.00 3.189	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
2005-14	2480		2.5 L	5 CYL	CBUA, CUTA, BGP, BGQ, BTK, CBTA DOHC	Beetle, Bora 20V	82.50 3.248	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
2005-10	2480		2.5 L	5 CYL	BPR, BPS	New Beetle 2.5	82.50 3.248	1.20 1.50 2.00	322 BF GN SS 406 N PC DI 248 CF CR 881 2PCO	2N4144	1	STD
2005-15	2480		2.5 L		CCCA	TSI	82.50 3.248	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 0.50
1997-05	2496		2.5 L	6 CYL	AFB, AKE, AKN, AYM, BAU DOHC	Turbo Diesel	78.30 3.083	1.75 2.00 3.00	205 BF CR DI 214 RVT PC DI 204 CF CR DI 881 2PCO	2D7284	1	STD
	2496		2.5 L	5 CYL	AAV	Caravelle	82.50 3.248	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 0.50 1.00
1991-96	2792		2.8 L	6 CYL	AAA,ABA,AES,ATQ,BDF	Caravelle, Eurovan Golf, GTI, Jetta GLX, Passat,Transporter,Vento VR6	81.00 3.189	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	4921 2C4921 2C4921020 2C4921030 2C4921040	6	STD 6 0.50 0.75 1.00
2006-10	2967		3.0 L	6 CYL	CASB, CATA DOHC	Touareg Diesel Eng Incl Turbo	83.00 3.268	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
2007-On	2967		3.0 L	6 CYL	CARB, CCMA, CCWA, CCWB CDYA, CDYC	Phaeton, Touareg Turbo Diesel	83.00 3.268	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

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
VOLKSWAGEN												
2005-On	3597		3.6 L	6 CYL	BLV, BHK, CDVA, CHNA	CC, Passat, Touarge	89.00 3.504	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 991 FV CR 005 FV CR	2C4204	6	STD
VOLVO												
				6 CYL		FC	3	5/8	1/8 1/8 1/8 3/16 860 FV CR 732 FV CR	2C4008	6	STD
				6 CYL		D60	3	7/8	3/32 1/8 3/16 860 FV CR 732 FV CR	2C6660	6	STD
2010-12	1560		1.6 L	4 CYL	D 4162 T	C30, S40 , S60, Diesel Eng	75.00 2.953	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
1962-68	1780		1.8 L	4 CYL	B18A/B, B18D	142, 144, 145, 122S, 544, P1800	3	5/16	5/64 5/64 3/16 860 FV CR 732 FV CR	6726	4	STD
1995-13	1783		1.8 L	4 CYL	B4184S	S40, V40	83.00 3.268	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C4510	1	STD
1991-96	1794		1.8 L	4 CYL	B 18 U	440, 460	82.70 3.256	1.50 1.75 3.00	032 BF PC GI 401 SCRP PC GI 054 FV CR 732 FV CR 362 BF 3CR GI 401 SCRP PC GI 054 FV CR 732 FV CR	4990 4990020 2C4990 2C4990010 2C4990020 2C4990030 2C4990040	4	STD 0.50 STD 0.25 0.50 0.75 1.00
2000-04	1948		1.9 L	4 CYL	B4204T3 DOHC	S40, V40	83.00 3.268	1.20 1.50 2.50	398 BF CR S 126 RVT PC GI 995 FV CR 732 FV CR	2C4510	1	STD
	1980	1986	2.0 L	4 CYL	B19A, B20A/F, B20F	343, 345, 142, 144, 145, 242, 244, 245, DL, GL	88.90 3.500	1.75 2.00 4.00	362 BF 3CR GI 401 SCRP PC GI 860 FV CR 732 FV CR	2C6167 2C6167010 2C6167020 2C6167030	4	STD 0.25 0.50 0.75
1969-74	1986		2.0 L	4 CYL	B20A, B20B, B20E, B20F	P1800 142, 144, 145	88.90 3.500	2.00 2.00 4.75	032 BF PC GI 401 SCRP PC GI 860 FV CR 732 FV CR 327 BF PM GI 401 SCRP PC GI 860 FV CR 732 FV CR	6810 6810030 2M6810 2M6810030	4	STD 0.75 STD 0.75
1992-96	1998		2.0 L	4 CYL	B 20 F	440, 480	82.70 3.256	1.50 1.75 3.00	032 BF PC GI 401 SCRP PC GI 054 FV CR 732 FV CR 362 BF 3CR GI 401 SCRP PC GI 054 FV CR 732 FV CR	4990 4990020 2C4990 2C4990010 2C4990020 2C4990030 2C4990040	4	STD 0.50 STD 0.25 0.50 0.75 1.00
2009-14	1999		2.0 L	4 CYL	B 4204 T7	S60, S80, V60, V70, XC60	87.50 3.445	1.20 1.50 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR	2C4150	4	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
VOLVO												
2011-On	1999		2.0 L	4 CYL	B4204T7	S60 II, S80 II, V60, V70 III, XC60	87.50 3.445	1.20 1.20 2.00	398 BF CR S 126 RVT PC GI 993 FV CR 005 FV CR 326 TBF GN SS 126 RVT PC GI 993 FV CR 005 FV CR	2C5282 2C528250 2C528275 2C5282100 2N5282 2N528250	4	STD 0.50 0.75 1.00 4 STD 0.50
			2.0 L	5 CYL	B5234FT	850	81.00 3.189	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
1979-86	2127		2.1 L	4 CYL	B 21 A, B 21 E	240, 340	92.00 3.622	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 4 STD 0.25 0.50 0.75 1.00
1982-92	2316		2.3 L	4 CYL	B230F/FT	244, 245, DL, GL, 740 GL, GLE, 760 GL, GLE	96.00 3.779	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 4 STD 0.50 0.75
1981-84	2316		2.3 L	4 CYL	B23E/F	242,244,245,DL,GL	96.00 3.779	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 4 STD 0.50 0.75
2001-10	2401		2.4 L	5 CYL	D 5244 T	S60, S80, V70, XC80, XC90 Turbo Diesel	81.00 3.189	2.00 1.75 3.00	255 TBF CC DI 123 RVT PC DI 553 CF CR GI 881 2PCO	2D7545	5	STD
2001-17	2401		2.4 L	5 CYL	D5244 T, D5224 T10, D5224 T13, D5224 T14, D5224 T16, D5224 T18 D5224 T2, D5224 T21, D5224 T4, D5224 T5, D5224 T7, D5224 T8	C30, C70, S40, S60, S80, V50, V60, V70, XC60, XC70, XC90	81.00 3.189	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
1996-99	2435		2.4 L	5 CYL	B5254	850GLE S70 V70	83.00 3.268	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
1975-79	2673		2.7 L	6 CYL	B27F	262, 264, 265, GL, GLE	88.00 3.464	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	STD 0.75 6 STD 0.75
1981-91	2849		2.8 L	6 CYL	B80F, B280F, B28F	262, 264, 265, GL, GLE 740 GL, 760 GLE	91.00 3.582	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 6 STD 0.50 0.75

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
VOLVO												
1998-99	2917		2.9 L	5 CYL	968	S90 V90	83.00 3.268	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
1969-75	2978		3.0 L	6 CYL	B30A, B30E, B30F	164E	3 1/2	5/64 5/64 3/16	032 BF PC GI 401 SCRPP PC GI 860 FV CR 732 FV CR	6825 6825030	6	STD 0.75
	2979		3.0 L	6 CYL	B30		88.90 3.500	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
	4704		4.7 L	6 CYL	D47, D47A	Deep Top Grv Diesel Eng	3 3/4	3/32 1/8 1/8 3/16 3/16	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
1998-On	7280		7.3 L	6 CYL	D 7 C 215 Euro 2 D 7 C 250 Euro 2 D 7 C 275 Euro 2 D 7 C 290 Euro 2 D 7 C 310 Euro 2	B SERIES BUS 5000 SERIES BUS 7000 SERIES FM SERIES Diesel Eng.	107.00	3.50 2.50 3.50	378 FKST BF CC DI 130 RVT TF PC GI 553 2PCO CR GI	2D7099	1	STD
WAUKESHA												
			4 CYL		FC25E		3 1/4	3/32 3/32 3/32 3/16	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 CYL		FC, FC129J, FC132, FC161A, FK, FKJ		3 1/4	1/8 1/8 3/16	032 BF 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	5060 5060020 5060030 5060060 2C5060	4	STD 0.50 0.75 1.50 STD
			4 CYL		4-155 Gas		3 5/8	3/32 3/32 3/16	032 BF PC GI 126 RVT PC GI 501 1PCO PC GI 825 2PCO	6215	2	STD
			4 CYL		180GLB D155G 180DKB	Gas Eng.	3 5/8	3/32 3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7581	4	STD
			4 CYL		180GKB		3 5/8	3/32 3/32 3/32 3/16	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	7663	4	STD
			6 CYL		VRG265		3 3/4	3/32 3/32 3/16	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	STD 0.75 STD
			6 CYL		6BK, 6BM, 6BKH, 6MS, 6XK, 190GL, 190GLB	4 Ring Piston Diesel Eng.	3 3/4	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5028	6	STD

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
WAUKESHA												
				4 CYL	XAK, XAK21F, XAKH		3	3/4	1/8 1/8 1/8 3/16 732 FV CR	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7669	4 STD
				6 CYL	180GL, 190DL, 190DLB, 190GL, 190KL, 190LB		3	3/4	1/8 1/8 1/8 1/4 732 FV CR	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7747	6 STD
				6 CYL	6BZ, 6BZU, 6ML, 6-110 195GL		4.000		1/8 1/8 1/8 3/16 732 FV CR	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4007	6 STD
				6 CYL	6A, 6AB, 6AL, 140GK, 140GKB, 140GKU	4 Ring Piston	4	1/2	1/8 1/8 1/8 3/16 732 FV CR	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4056	6 STD
				4 CYL	VIK, VIKA, VIKH, VIKU		4	1/2	3/16 3/16 3/16 3/16 732 FV CR	362 BF 3CR GI 102 T PC GI 401 SCRPP PC GI 860 FV CR 732 FV CR	2C4157	4 STD
WISCONSIN												
				1 CYL 2 CYL	AE, AEH, AEHS, AEN, AEND, AENL, AENS, AES AENLD, TE, TED		3.000		3/32 3/32 3/32 3/16 732 FV CR	102 T PC GI 102 T PC GI 401 SCRPP PC GI 871 FV CR 732 FV CR	5149	1 STD
				4 CYL	VD4D VF4 VF4D VF41 VH4 VH4D VH4DM		3	1/4	3/32 3/32 3/32 3/16 732 FV CR 362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	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 4 STD
				2 CYL	TJD		3	1/4	5/64 5/64 3/16 732 FV CR	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	4398 4398010	2 STD 0.25
				2 CYL	TF, TFD, TH, THD, THDM, TJD		3	1/4	3/32 3/32 3/32 3/16 732 FV CR 362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	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	5123 5123020 5123040 5123060 2C5123	2 STD 0.50 1.00 1.50 2 STD
				4 CYL	HV4D, TFD, TJD, VF4, VF4D, VH4D		3	1/4	5/64 5/64 5/64 3/16 732 FV CR 362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	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	6184 6184010 2C6184 2C6184010	2 STD 0.25 2 STD 0.25
				2 CYL	VH4D 3 Ring Piston		3	1/4	3/32 3/32 3/16 732 FV CR	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	6261 6261020 6261040	2 STD 0.50 1.00

YEAR	CC	CID	LITER	CYL	ENGINE	MODEL	BORE	GRV	RING TYPE	HAST SET	CYL SET	SIZE
WISCONSIN												
				1 CYL	S10D		3	1/4	3/32 3/32 3/16 732 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 1 STD
				1 CYL	AF Air Cooled, AFH		3	1/4	1/8 1/8 1/8 3/16 732 FV CR	7868	1	STD
				4 CYL	AP4, AP41, V64D, VG4D, VP4, VP49		3	1/2	1/8 1/8 1/8 3/16 732 FV CR	2C5117	4	STD
				1 CYL	S12D, TRA12D		3	1/2	3/32 3/32 3/16 501 1PCO PC GI	6427	1	STD
				1 CYL	S14D		3	3/4	3/32 3/32 3/16 732 FV CR	2C5466 2C5466020 2C5466030	1	STD 0.50 0.75
				4 CYL	V465D		3.750	3/32 3/32 3/32 3/16 732 FV CR	362 BF 3CR GI 032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C6664 2C6664030	4	STD 0.75
	1765	1.8 L	4 CYL	W4-1770 Gas LPG & NG			3	1/4	5/64 5/64 3/16 732 FV CR 362 BF 3CR GI 401 SCRPP PC GI 860 FV CR 732 FV CR	5909 5909010 5909060 2C5909	4	STD 0.25 1.50 4 STD

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
120	3.875	1/8 032	1/8 126	5/32 056					4	Ford
				732						
133	3.500	1/8 032	1/8 126	3/16 860					6	GM
				732						
2C133	3.500	1/8 362	1/8 126	3/16 860					6	
				732						
135	3.563	3/32 032	1/8 126	3/16 860					6	GM
				732						
2C135	3.563	3/32 362	1/8 126	3/16 860					6	
				732						
136	3.563	3/32 032	3/32 126	3/16 860					6	Ford, GM
				732						
2C136	3.563	3/32 362	3/32 126	3/16 860					6	
				732						
137	3.750	3/32 032	3/32 126	3/16 860					6	GM, Waukesha
				732						
2C137	3.750	3/32 363	3/32 126	3/16 860					6	
				732						
139	4.000	5/64 032	5/64 126	3/16 860					8	American Motors, Checker, Chrysler, Dodge, Ford, GM, Jeep, Massey Ferguson, Packard, Studebaker
				732						
2C139	4.000	5/64 362	5/64 126	3/16 860					8	
				732						
2M139	4.000	5/64 397	5/64 126	3/16 860					8	
				732						
142	3.125	1/8 032	1/8 126	5/32 860	5/32 501				6	Chrysler
				732						
143	3.125	3/32 032	1/8 126	5/32 860	5/32 501				6	Chrysler
				732						
144	3.250	3/32 032	3/32 126	5/32 860	5/32 501				6	Chrysler, Continental, Dodge, Massey Ferguson, Oliver
				732						
2C144	3.250	3/32 362	3/32 126	5/32 860	5/32 501				6	
				732						
148	3.910	5/64 032	5/64 126	3/16 860					8	Case, Chrysler, Dodge
				732						
2C148	3.910	5/64 362	5/64 126	3/16 860					8	
				732						
2M148	3.910	5/64 397	5/64 126	3/16 860					8	
				732						
268	2.500	1/8 126	1/8 126	1/8 126	1/8 126	1/8 126			2	Bendix
429	3.438	3/32 032	3/32 126	3/16 860	3/16 501				8	GM
				732						
437	4.188	5/64 032	5/64 126	3/16 860					8	Chrysler, GM
				732						
2M437	4.188	5/64 327	5/64 126	3/16 860					8	
				732						
2C438	3.375	3/32 362	3/32 102	5/32 860	5/32 501				6	Massey Ferguson
				732						
441	3.250	1/8 032	1/8 126	5/32 860	5/32 501				6	Chrysler, Dodge
				732						
443	3.250	3/32 032	1/8 126	5/32 860	5/32 501				6	Chrysler
				732						
445	3.438	3/32 032	3/32 126	5/32 860	5/32 501				6	Chrysler, Massey Ferguson
				732						
2C445	3.438	3/32 362	3/32 126	5/32 860	5/32 501				6	
				732						
446	3.250	3/32 032	3/32 126	5/32 860	5/32 501				8	Chrysler
				732						
450	3.719	5/64 032	5/64 126	3/16 860					8	Chrysler, GM
				732						
2C450	3.719	5/64 362	5/64 126	3/16 860					8	
				732						
2M450	3.719	5/64 327	5/64 126	3/16 860					8	
				732						
458	3.500	3/32 032	3/32 126	3/16 860					8	Packard
				732						
2C468	3.563	1/8 362	1/8 126	1/8 126	3/16 860				6	Allis Chalmers, Buda, GM
					732					
473	3.313	3/32 032	3/32 126	3/16 860					6	Studebaker

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
					732					
474	3.375	5/64 032	5/64 126	3/16 860					8	Studebaker
					732					
2C523	3.188	3/32 362	3/32 126	5/32 860	5/32 501				4	Ford
					732					
529	3.188	3/32 032	3/32 126	5/32 860	5/32 501				8	Ford
					732					
533	3.188	3/32 032	3/32 126	3/16 860	3/16 501				8	Ford
					732					
2C533	3.188	3/32 362	3/32 126	3/16 860	3/16 501				8	
					732					
2C534	3.500	3/32 362	3/32 126	3/16 860					6	Ford
					732					
2C535	3.188	3/32 362	3/32 126	3/16 860					4	Ford
					732					
2C549	3.188	3/32 362	3/32 126	3/16 860	3/16 501				4	Ford
					732					
562	3.500	3/32 032	3/32 126	3/16 860					8	Ford
					732					
2C562	3.500	3/32 362	3/32 126	3/16 860					8	
					732					
563	3.625	3/32 032	3/32 126	3/16 860					6	Ford, Mazda, Oliver
					732					
564	3.625	3/32 032	3/32 126	3/16 860					8	Ford, International
					732					
2C564	3.625	3/32 362	3/32 126	3/16 860					8	
					732					
568	3.750	5/64 032	5/64 126	3/16 860					8	American Motors, Chrysler, Ford, GM, Jeep
					732					
2C568	3.750	5/64 363	5/64 126	3/16 860					8	
					732					
2M568	3.750	5/64 327	5/64 126	3/16 860					8	
					732					
571	3.800	5/64 032	3/32 126	3/16 860					8	Ford
					732					
2C571	3.800	5/64 362	3/32 126	3/16 860					8	
					732					
2M571	3.800	5/64 327	3/32 126	3/16 860					8	
					732					
574	4.050	5/64 032	3/32 126	3/16 860					8	Ford
					732					
2C574	4.050	5/64 362	3/32 126	3/16 860					8	
					732					
2M574	4.050	5/64 345	3/32 126	3/16 860					8	
					732					
576	4.300	5/64 032	3/32 126	3/16 860					8	Ford
					732					
577	4.000	5/64 032	3/32 126	3/16 860					8	Ford, GM
					732					
2C577	4.000	5/64 362	3/32 126	3/16 860					8	
					732					
2M577	4.000	5/64 397	3/32 126	3/16 860					8	
					732					
578	4.500	3/32 032	3/32 126	3/32 126	3/16 860				8	Ford, International
					732					
2C578	4.500	3/32 363	3/32 126	3/32 126	3/16 860				8	
					732					
2C579	4.125	3/32 363	3/32 126	3/32 126	3/16 860				8	International
					732					
582	3.500	5/64 032	5/64 126	3/16 860					6	Ford, GM
					732					
2C582	3.500	5/64 362	5/64 126	3/16 860					6	
					732					
2M582	3.500	5/64 327	5/64 126	3/16 860					6	
					732					

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2C583	3.719	5/64 362	3/32 126	3/16 860					6	Ford
				732						
586	3.680	5/64 032	5/64 126	3/16 860					6	Ford
				732						
2C586	3.680	5/64 362	5/64 126	3/16 860					6	
				732						
2M586	3.680	5/64 327	5/64 126	3/16 860					6	
				732						
2C589	3.875	5/64 363	3/32 126	1/4 860					8	Ford
				732						
2C590	4.050	5/64 362	3/32 126	1/4 860					8	Ford
				732						
2M590	4.050	5/64 345	3/32 126	1/4 860					8	
				732						
591	3.875	5/64 032	3/32 126	3/16 860					8	Ford
				732						
2C591	3.875	5/64 363	3/32 126	3/16 860					8	
				732						
2M591	3.875	5/64 327	3/32 126	3/16 860					8	
				732						
592	4.000	5/64 032	5/64 126	3/16 860					6	Ford
				732						
2C592	4.000	5/64 362	5/64 126	3/16 860					6	
				732						
2M592	4.000	5/64 397	5/64 126	3/16 860					6	
				732						
594	4.050	5/64 032	5/64 126	3/16 860					8	Ford
				732						
2C594	4.050	5/64 362	5/64 126	3/16 860					8	
				732						
2M594	4.050	5/64 327	5/64 126	3/16 860					8	
				732						
595	4.130	5/64 032	5/64 126	3/16 860					8	Ford
				732						
2M595	4.130	5/64 327	5/64 126	3/16 860					8	
				732						
2M596	4.380	5/64 345	3/32 126	3/16 860					8	Ford
				732						
598	4.360	5/64 032	5/64 126	3/16 860					8	Ford
				732						
2C598	4.360	5/64 363	5/64 126	3/16 860					8	
				732						
2M598	4.360	5/64 345	5/64 126	3/16 860					8	
				732						
599	3.575	2.00 032	2.50 126	4.00 860					4	Ford, Ford British
				732						
2C599	3.575	2.00 362	2.50 126	4.00 860					4	
				732						
611	3.500	3/32 032	3/32 126	3/16 860	3/16 501				6	GM
				732						
618	3.438	3/32 032	3/32 126	3/16 860					6	GM
				732						
619	3.250	3/32 032	3/32 126	3/16 860					8	GM
				732						
627	3.438	5/64 032	5/64 126	3/16 860					8	Chrysler
				732						
630	3.563	5/64 032	5/64 126	3/16 860					8	Chrysler, Dodge, Packard, Studebaker
				732						
633	3.625	5/64 032	5/64 126	3/16 860					8	Chrysler, Dodge, GM
				732						
2C633	3.625	5/64 362	5/64 126	3/16 860					8	
				732						
2M633	3.625	5/64 327	5/64 126	3/16 860					8	
				732						
636	3.938	5/64 032	5/64 126	3/16 860					8	Chrysler, Dodge, Ford, GM
				732						

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
639	4.063	5/64 032	5/64 126	3/16 860					8	GM
				732						
2C639	4.063	5/64 362	5/64 126	3/16 860					8	
				732						
2M639	4.063	5/64 327	5/64 126	3/16 860					8	
				732						
640	4.063	5/64 032	5/64 126	3/16 860					4	GM
				732						
2N5295	4.065	1.20 397	1.20 406	2.50 985					8	
				732						
641	4.094	5/64 032	5/64 126	3/16 860					8	GM
				732						
2M641	4.094	5/64 327	5/64 126	3/16 860					8	
				732						
643	4.151	5/64 032	1/16 126	3/16 860					8	GM
				732						
2M643	4.151	5/64 345	1/16 126	3/16 860					8	
				732						
644	4.120	5/64 032	5/64 126	3/16 860					8	GM
				732						
2C644	4.120	5/64 363	5/64 126	3/16 860					8	
				732						
2M644	4.120	5/64 345	5/64 126	3/16 860					8	
				732						
645	4.313	5/64 032	5/64 126	3/16 860					8	GM
				732						
2C645	4.313	5/64 362	5/64 126	3/16 860					8	
				732						
2M645	4.313	5/64 327	5/64 126	3/16 860					8	
				732						
650	4.000	5/64 032	3/32 126	3/16 860					8	GM
				732						
651	4.125	5/64 032	3/32 126	3/16 860					8	GM
				732						
652	3.500	5/64 032	5/64 126	3/16 860					8	American Motors, Checker, Ford, GM, Rover
				732						
2C652	3.500	5/64 363	5/64 126	3/16 860					8	
				732						
2M652	3.500	5/64 327	5/64 126	3/16 860					8	
				732						
653	3.625	5/64 032	5/64 126	3/16 860					6	GM
				732						
2C653	3.625	5/64 362	5/64 126	3/16 860					6	
				732						
2M653	3.625	5/64 327	5/64 126	3/16 860					6	
				732						
656	3.750	5/64 032	5/64 126	3/16 860					6	American Motors, GM, International, Jeep
				732						
2C656	3.750	5/64 362	5/64 126	3/16 860					6	
				732						
2M656	3.750	5/64 327	5/64 126	3/16 860					6	
				732						
657	4.130	1/16 032	1/16 126	3/16 860					8	GM
				732						
660	3.875	5/64 032	5/64 126	3/16 860					8	Checker, Chrysler, Dodge, GM, Studebaker
				732						
2C660	3.875	5/64 363	5/64 126	3/16 860					8	
				732						
2M660	3.875	5/64 327	5/64 126	3/16 860					8	
				732						
661	4.125	5/64 032	5/64 126	3/16 860					8	Chrysler, GM, Packard
				732						
2C661	4.125	5/64 362	5/64 126	3/16 860					8	
				732						
2M661	4.125	5/64 327	5/64 126	3/16 860					8	
				732						

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
662	3.375	5/64 032	5/64 126	3/16 860					6	GM
2C662	3.375	5/64 362	5/64 126	3/16 860					6	
663	3.438	5/64 032	5/64 126	3/16 860					6	Chrysler, Dodge, GM
2C663	3.438	5/64 362	5/64 126	3/16 860					6	
665	3.875	5/64 032	5/64 126	3/16 860					4	American Motors, GM, Jeep
2C665	3.875	5/64 362	5/64 126	3/16 860					4	
2M665	3.875	5/64 327	5/64 126	3/16 860					4	
666	3.563	5/64 032	5/64 126	3/16 860					6	GM, Studebaker
2C666	3.563	5/64 362	5/64 126	3/16 860					6	
2M666	3.563	5/64 327	5/64 126	3/16 860					6	
667	3.875	5/64 032	5/64 126	3/16 860					6	American Motors, Checker, GM, Jeep, Studebaker
2C667	3.875	5/64 362	5/64 126	3/16 860					6	
2M667	3.875	5/64 327	5/64 126	3/16 860					6	
668	3.875	3/32 032	3/32 126	3/16 860					6	GM, Massey Ferguson, Oliver
2C668	3.875	3/32 362	3/32 126	3/16 860					6	
2M668	3.875	3/32 327	3/32 126	3/16 860					6	
669	3.438	1/16 032	1/16 126	1/8 860					6	GM
2C669	3.438	1/16 362	1/16 126	1/8 860					6	
2M669	3.438	1/16 327	1/16 126	1/8 860					6	
670	3.875	1/16 032	1/16 126	3/16 860					6	GM
2M670	3.875	1/16 327	1/16 126	3/16 860					6	
671	3.938	3/32 032	5/64 126	5/64 126	3/16 860				8	GM
2C671	3.938	3/32 363	5/64 126	5/64 126	3/16 860				8	
2M671	3.938	3/32 327	5/64 126	5/64 126	3/16 860				8	
672	4.165	5/64 032	5/64 126	3/16 860					8	American Motors, Jeep, Palmer
2C672	4.165	5/64 362	5/64 126	3/16 860					8	
2M672	4.165	5/64 327	5/64 126	3/16 860					8	
674	3.391	5/64 032	5/64 126	5/32 860					4	Chrysler
2C674	3.391	5/64 362	5/64 126	5/32 860					4	
675	3.027	2.00 032	2.00 126	4.00 056					4	Chrysler, Dodge, Hyundai, Mitsubishi
2C675	3.027	2.00 362	2.00 126	4.00 056					4	

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
676	4.342	5/64 032	5/64 126	3/16 860					8	Chrysler, Dodge
				732						
2C676	4.342	5/64 362	5/64 126	3/16 860					8	
				732						
2M676	4.342	5/64 327	5/64 126	3/16 860					8	
				732						
677	3.188	1/16 032	5/64 126	5/32 056					4	Ford, Ford British
				732						
2C677	3.188	1/16 363	5/64 126	5/32 056					4	
				732						
2M677	3.188	1/16 327	5/64 126	5/32 056					4	
				732						
680	3.125	3/32 032	3/32 126	3/16 871					6	American Motors
				732						
2C680	3.125	3/32 362	3/32 126	3/16 871					6	
				732						
681	3.688	5/64 032	5/64 126	3/16 860					8	Chrysler
				732						
2C682	3.781	5/64 362	5/64 126	3/16 860					8	Chrysler, GM
				732						
683	4.250	5/64 032	5/64 126	3/16 860					8	Chrysler, Dodge, GM
				732						
2C683	4.250	5/64 363	5/64 126	3/16 860					8	
				732						
2M683	4.250	5/64 397	5/64 126	3/16 860					8	
				732						
687	3.400	5/64 032	5/64 126	3/16 860					6	Case, Chrysler, Dodge, Massey Ferguson
				732						
2C687	3.400	5/64 362	5/64 126	3/16 860					6	
				732						
2M687	3.400	5/64 327	5/64 126	3/16 860					6	
				732						
690	3.125	5/64 032	5/64 126	3/16 871					6	American Motors, Ford British
				732						
692	4.320	5/64 032	5/64 126	3/16 860					8	Chrysler, Dodge
				732						
2C692	4.320	5/64 362	5/64 126	3/16 860					8	
				732						
2M692	4.320	5/64 345	5/64 126	3/16 860					8	
				732						
693	4.080	5/64 032	5/64 126	3/16 860					8	American Motors, Jeep
				732						
2C693	4.080	5/64 362	5/64 126	3/16 860					8	
				732						
2M693	4.080	5/64 327	5/64 126	3/16 860					8	
				732						
694	4.040	5/64 032	5/64 126	3/16 860					8	Chrysler, GM
				732						
2C694	4.040	5/64 362	5/64 126	3/16 860					8	
				732						
2M694	4.040	5/64 397	5/64 126	3/16 860					8	
				732						
695	4.300	5/64 032	5/64 126	3/16 860					8	GM
				732						
2M695	4.300	5/64 327	5/64 126	3/16 860					8	
				732						
696	3.800	5/64 032	5/64 126	3/16 860					8	Ford, GM, Jeep
				732						
2C696	3.800	5/64 362	5/64 126	3/16 860					8	
				732						
2M696	3.800	5/64 327	5/64 126	3/16 860					8	
				732						

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
697	4.058	5/64 032	5/64 126	3/16 860					8	GM
				732						
2C697	4.058	5/64 363	5/64 126	3/16 860					8	
				732						
2M697	4.058	5/64 327	5/64 126	3/16 860					8	
				732						
698	3.870	5/64 032	5/64 126	3/16 860					8	GM
				732						
2C698	3.870	5/64 362	5/64 126	3/16 860					8	
				732						
2M698	3.870	5/64 397	5/64 126	3/16 860					8	
				732						
2C702	4.000	1/8 362	1/8 126	1/8 126	3/16 860				4	Allis Chalmers, Hercules, Kermath, Massey Ferguson
					732					
2C710	3.000	1/8 362	1/8 102	1/8 102	1/8 126	3/16 501	3/16 825		4	International
2C712	3.750	3/16 362	3/16 126	3/16 126	3/16 871				4	Hercules
					732					
2C722	5.500	1/4 362	1/4 102	1/4 102	1/4 710	1/4 501			2	John Deere
					732					
					825					
2C726	3.375	1/8 362	5/32 102	5/32 401	1/4 860				4	International
					732					
727	3.000	1/8 032	1/8 126	1/8 126	1/4 860				4	Case, Continental, International, Massey Ferguson
					732					
2C727	3.000	1/8 362	1/8 126	1/8 126	1/4 860				4	
					732					
776	3.750	1/8 032	1/8 126	3/16 501					4	Ford
2C825	3.188	3/32 362	3/32 126	5/32 860					4	Ford
				732						
828	3.125	3/32 032	3/32 126	3/16 871					4	Jeep
				732						
2C828	3.125	3/32 362	3/32 126	3/16 871					4	
				732						
834	3.344	5/64 032	5/64 126	3/16 860					6	Jeep
				732						
2C834	3.344	5/64 362	5/64 126	3/16 860					6	
				732						
2C4007	4.000	1/8 363	1/8 126	1/8 126	3/16 860				6	Hercules, Kermath, Oliver, Waukesha
					732					
2C4008	3.625	1/8 362	1/8 126	1/8 126	3/16 860				6	GM, Hercules, International, Volvo
					732					
2C4047	2.795	1.00 398	1.20 126	2.00 993					4	Suzuki
				005						
4048	3.500	3/32 032	1/8 126	3/16 860					8	Packard
				732						
2N4055	3.268	1.20 322	1.75 406	2.00 987					4	Mercedes Benz
				714						
2C4056	4.500	1/8 363	1/8 126	1/8 126	3/16 860				6	GM, Waukesha
					732					
2N4057	2.795	1.00 322	1.00 123	2.00 248					3	Citroen, Peugeot
				881						
2N4059	3.464	1.50 322	1.75 406	2.50 987					6	Mercedes Benz
				714						
4064	3.875	1/8 032	1/8 126	1/8 126	3/16 860	3/16 501			6	Buda
					732					
2C4064	3.875	1/8 362	1/8 126	1/8 126	3/16 860	3/16 501			6	
					732					
2C4068	2.795	1.00 398	1.20 406	2.00 987					4	Hyundai, Kia
				714						
2N4069	2.953	1.00 322	1.00 406	2.00 248					3	Citroen, Opel, Peugeot, Vauxhall
				881						
2N4071	3.110	1.20 322	1.50 406	2.00 987					4	Ford European
				714						

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
4072	3.250	1/8 032	1/8 126	1/8 126	3/16 860 732				6	Hercules, Massey Ferguson
2C4072	3.250	1/8 362	1/8 126	1/8 126	3/16 860 732				6	
2N4077	3.661	1.20 322	1.50 126	2.00 987 714					8	Porsche
2N4078	3.819	1.20 322	1.50 406	2.00 991 005					1	Mercedes Benz
2N4079	2.835	1.00 322	1.20 406	2.00 987 714					3	Smart
2M4085	3.528	1.60 337	1.50 406	2.50 995 732					4	Ford European
2C4086	2.795	1.00 398	1.20 406	2.00 987 714					3	Hyundai, Kia
2C4087	2.992	1.20 398	1.20 126	2.50 995 732					4	Nissan
2C4088	2.756	1.00 398	1.20 610	1.50 981 005					3	Fiat
2C4089	2.795	1.20 398	1.20 126	2.00 990 732					4	Mazda, Mitsubishi, Nissan
2C4090	2.795	1.00 398	1.20 610	2.00 993 005					3	Renault
2C4091	3.071	1.20 398	1.20 126	2.00 990 732					3	Nissan
2N4096	2.874	1.20 322	1.20 126	2.00 990 732					4	Nissan
2N4097	3.189	1.20 322	1.50 406	2.00 203 881					6	Audi
2N4104	2.835	1.00 326	1.20 406	2.00 248 881					4	Alfa Romeo, Fiat
2C4106	3.346	1.20 398	1.50 126	2.50 995 732					4	Citroen, Peugeot
2M4106	3.346	1.20 220	1.50 406	2.50 995 732					4	
2C4107	2.854	1.20 398	1.00 126	2.00 990 732					4	Toyota
2C4108	3.228	1.20 398	1.50 126	2.00 993 005					6	BMW
2N4108	3.228	1.20 322	1.50 406	2.00 987 714					1	
2C4113	3.169	1.00 398	1.00 123	1.50 981 005					4	GM, Lexus, Toyota
2C4114	3.701	1.00 398	1.20 126	1.50 981 005					6	GM
2C4115	3.067	1.20 398	1.20 126	2.00 993 005					4	GM
2C4118	3.071	1.20 398	1.20 126	2.50 533 732					4	Kia
2C4122	3.425	1.20 398	1.00 123	2.00 993 005					4	Acura, Honda
4123	3.188	3/32 032	3/32 126	1/4 860 732					4	International
2C4123	3.188	3/32 362	3/32 126	1/4 860 732					4	
2N4126	2.795	1.20 322	1.20 236	2.00 987 714					4	Audi, Seat, Skoda, Volkswagen
2C4128	2.835	1.50 376	1.50 406	2.50 199 881					4	Peugeot
2N4129	3.228	1.20 322	1.50 126	2.50 987 714					4	Mercedes Benz
2C4132	3.543	1.00 398	1.00 123	2.00 991 005					4	Toyota
2C4134	3.098	1.20 398	1.50 126	3.00 996 732					4	Toyota
2N4138	3.150	1.20 322	1.75 275	3.00 996 732					4	Mercedes Benz

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2N4141	2.854	1.20 322	1.20 406	2.00 987					4	Opel, Vauxhall
				714						
2D4143	3.346	2.00 272	2.00 123	2.00 248					4	Citroen, Fiat, Peugeot
				881						
2N4144	3.248	1.20 322	1.50 406	2.00 248					1	Audi, Seat, Skoda, Volkswagen
				881						
2C4146	2.972	1.50 376	1.50 126	3.00 054					4	Skoda
				732						
2C4147	3.642	1.20 398	1.50 401	2.00 991					8	Jaguar, Rover
				005						
2C5164	3.642	1.20 398	1.50 126	2.50 995					6	
				732						
2C4148	2.559	1.50 215	1.50 123	3.00 553					4	Fiat
				881						
2N4149	2.835	1.00 322	1.00 123	2.00 987					3	Smart
				714						
2C4150	3.445	1.20 398	1.50 126	2.00 993					4	Ford, Jaguar, Land Rover, Volvo
				005						
2C4157	4.500	3/16 362	3/16 102	3/16 401	3/16 860				4	Hercules, Oliver, Waukesha
				732						
2C4158	2.898	1.50 362	1.50 401	2.80 996					4	Nissan
				732						
2C4159	2.913	1.00 398	1.00 123	2.00 990					4	Mazda
				732						
2M4161	4.091	1.20 397	1.20 406	2.00 991					8	Chrysler
				732						
2C4162	2.890	1.20 398	1.20 126	2.00 993					4	Opel
				005						
SN4169	2.831	1.00 317	1.20 126	2.00 990					3	Ford, Ford European
				732						
2C4170	3.071	1.20 398	1.50 126	2.50 533					6	Suzuki
				732						
4171	3.543	2.00 032	2.00 126	4.50 860					4	GM
				732						
SN4172	3.268	1.20 317	1.20 406	2.00 990					6	Ford
				714						
SN4173	3.268	1.20 317	1.00 416	2.00 990					6	Ford
				714						
2C4174	3.445	1.20 398	1.50 126	2.50 995					4	GM
				732						
2C4175	3.012	1.50 362	1.50 126	2.00 993					4	GM
				005						
SN4176	3.642	1.50 317	1.00 348	2.00 991					6	Ford
				714						
4177	3.701	1.50 032	2.00 126	4.00 856					4	Volkswagen
				732						
4178	3.622	1.50 032	2.00 401	4.00 056					4	Volkswagen
				732						
2C4179	3.386	1.20 398	1.50 126	2.00 993					4	GM
				005						
2C4181	3.031	1.20 398	1.50 401	2.00 993					4	BMW
				005						
4182	3.000	1/8 032	1/8 126	1/8 126	1/4 860				6	Continental
					732					
2M4183	3.760	1.20 397	1.50 406	2.50 934					6	Ford
				005						
2C4184	2.913	1.20 398	1.20 126	2.50 995					3	Suzuki
				732						
2C4186	3.071	1.20 398	1.20 126	2.50 995					4	Suzuki
				732						
2N4187	3.276	1.50 326	1.75 406	3.00 987					6	Mercedes Benz
				714						
2N4189	3.386	1.20 322	1.50 406	2.50 987					4	GM, Opel
				714						
2C4192	3.358	1.50 376	1.75 406	3.00 553					4	Mercedes Benz
				881						

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2M4197	3.543	1.50 335	1.50 126	2.50 995					4	Saab
				732						
2C4199	3.110	1.20 398	1.20 126	2.00 934					4	GM
				005						
4203	3.779	2.00 032	2.00 126	4.75 860					4	Ford
				732						
2C4203	3.779	2.00 362	2.00 126	4.75 860					4	
				732						
2M4203	3.779	2.00 327	2.00 126	4.75 860					4	
				732						
2C4204	3.504	1.20 398	1.50 126	2.00 991					6	Audi, Volkswagen
				005						
4205	3.661	2.00 032	2.50 126	4.00 860					6	Ford
				732						
2C4205	3.661	2.00 362	2.50 126	4.00 860					6	
				732						
2M4206	3.445	1.50 335	1.50 126	4.00 056					4	Chrysler
				732						
2M4207	3.425	1.50 335	1.50 102	4.00 058					4	Isuzu, Toyota
				732						
2C4208	2.913	1.20 398	1.50 435	2.80 859					3	GM
				732						
2N4208	2.913	1.20 322	1.50 126	2.80 859					3	
				732						
2D4210	3.386	2.00 336	2.00 435	4.00 553					4	Ford, Mazda
				881						
2C4214	3.504	1.75 376	2.00 126	4.00 056					4	BMW
				732						
4215	3.250	3/32 032	3/32 126	3/32 126	3/16 860				4	International, Massey Ferguson, Waukesha, Wisconsin
					732					
2C4215	3.250	3/32 362	3/32 126	3/32 126	3/16 860				4	
					732					
4216	3.622	1.50 032	1.50 401	4.00 870					4	Mazda, Toyota
				732						
2C4216	3.622	1.50 363	1.50 401	4.00 870					4	
				732						
2M4216	3.622	1.50 335	1.50 401	4.00 870					4	
				732						
4217	3.307	1.50 032	1.50 126	4.00 058					4	Isuzu, Toyota
				732						
2M4217	3.307	1.50 336	1.50 126	4.00 058					4	
				732						
4218	3.228	1.50 032	1.50 126	4.00 872					4	GM
				732						
2M4218	3.228	1.50 327	1.50 126	4.00 872					4	
				732						
4219	3.386	1.50 032	1.50 435	4.00 058					4	Nissan, Toyota
				732						
2C4219	3.386	1.50 362	1.50 435	4.00 058					4	
				732						
2M4219	3.386	1.50 327	1.50 435	4.00 058					4	
				732						
2C4220	2.677	1.00 398	1.20 126	2.00 993					4	Suzuki
				005						
4221	3.268	1.50 032	1.50 126	2.80 861					4	Nissan
				732						
2C4221	3.268	1.50 376	1.50 126	2.80 861					4	
				732						
4222	3.445	1.50 032	1.50 126	4.00 872					4	Chrysler, Dodge
				732						
2C4222	3.445	1.50 362	1.50 126	4.00 872					4	
				732						
2M4222	3.445	1.50 335	1.50 126	4.00 872					4	
				732						
2D4223	3.268	2.00 370	2.00 126	4.00 553					4	Toyota
				881						

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2D4225	3.622	2.00 370	2.00 126	4.00 204					4	Toyota
					881					
2C4228	3.504	1.75 362	2.00 126	4.00 056					6	BMW
					732					
4229	3.543	2.00 032	2.50 126	4.00 860	4.00 501				6	Toyota
					732					
2C4229	3.543	2.00 362	2.50 126	4.00 860	4.00 501				6	
					732					
2C4231	4.000	3/32 363	1/8 126	3/16 860	3/16 501				6	Hercules, International
					732					
4233	3.313	3/32 032	3/32 126	5/32 860	5/32 501				6	Checker, Continental, Jeep
					732			901		
4234	2.579	1.50 032	1.50 126	2.80 859					4	Suzuki
					732					
2C4234	2.579	1.50 362	1.50 126	2.80 859					4	
					732					
2C4237	3.071	1.20 398	1.50 126	4.00 058					4	Mazda
					732					
4239	3.813	1/8 032	1/8 126	1/8 126	3/16 860	3/16 501			6	Buda
					732					
2C4239	3.813	1/8 362	1/8 126	1/8 126	3/16 860	3/16 501			6	
					732					
4241	3.031	1.50 032	1.50 861	2.80 732					4	GM, Isuzu
2M4241	3.031	1.50 335	1.50 861	2.80 732					4	
4244	2.745	1/16 102	1/16 102	3/16 871					2	Harley
					732					
4246	3.740	2.00 032	2.00 126	4.00 056					4	Opel
					732					
2C4246	3.740	2.00 362	2.00 126	4.00 056					4	
					732					
4247	3.307	2.00 032	2.00 126	4.00 058					4	Chrysler, Dodge, GM, Isuzu, Mitsubishi, Toyota
					732					
2C4247	3.307	2.00 362	2.00 126	4.00 058					4	
					732					
4248	2.953	1.75 032	2.00 401	4.00 056					4	Opel
					732					
2C4248	2.953	1.75 362	2.00 401	4.00 056					4	
					732					
4250	3.307	1.50 032	1.75 401	4.00 056					4	Alfa Romeo
					732					
2C4250	3.307	1.50 362	1.75 401	4.00 056					4	
					732					
4253	3.173	1.75 032	2.00 401	4.00 056					4	Chrysler, Peugeot
					732					
2C4253	3.173	1.75 363	2.00 401	4.00 056					4	
					732					
4256	3.504	1.50 032	1.50 126	4.75 860					4	GM
					732					
2M4256	3.504	1.50 397	1.50 126	4.75 860					4	
					732					
4257	3.464	1.75 032	2.00 126	4.00 056					4	Citroen, Jeep, Renault
					732					
2M4257	3.464	1.75 327	2.00 126	4.00 056					4	
					732					
2C4258	2.913	1.20 398	1.50 435	2.80 859					4	GM, Suzuki
					732					
4261	3.226	1.50 032	1.50 126	3.00 054					4	Ford
					732					
2M4261	3.226	1.50 327	1.50 126	3.00 054					4	
					732					
4262	3.811	1.50 032	1.50 126	4.00 052					6	Ford
					005					
2M4262	3.811	1.50 327	1.50 126	4.00 052					6	
					005					

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
4265	3.071	1.50 032	1.50 126	4.00 058					4	Ford, Kia, Mazda, Nissan
2C4265	3.071	1.50 362	1.50 126	4.00 058					4	
2M4265	3.071	1.50 327	1.50 126	4.00 058					4	
4266	2.992	2.00 102	2.00 401	4.00 058					4	Nissan, Renault, Subaru, Toyota
2C4266	2.992	2.00 362	2.00 401	4.00 058					4	
2M4267	3.937	3.00 335	2.00 126	4.50 860					6	Nissan
2C4273	2.768	1.50 362	1.50 126	3.00 996					4	Volkswagen
4276	3.543	2.00 032	3.00 126	4.00 860					4	Ford
4277	2.677	2.00 032	2.00 401	4.00 058					4	Mazda
4279	3.464	1.50 032	2.00 126	4.00 056					4	Peugeot
2C4279	3.464	1.50 362	2.00 126	4.00 056					4	
4280	3.307	1.50 102	1.75 401	4.50 871					4	Alfa Romeo
2C4280	3.307	1.50 362	1.75 401	4.50 871					4	
4282	3.012	2.00 032	2.50 126	4.00 056					4	Audi, Volkswagen
2C4282	3.012	2.00 363	2.50 126	4.00 056					4	
4283	4.500	1/8 032	1/8 126	1/8 126	1/4 860	3/16 501			6	Buda
2C4283	4.500	1/8 363	1/8 126	1/8 126	1/4 860	3/16 501			6	
4284	3.622	1.50 032	1.50 126	3.00 872					8	GM
2M4284	3.622	1.50 327	1.50 126	3.00 872					8	
4286	3.575	1.60 032	2.00 126	4.00 860					4	Ford British
2C4286	3.575	1.60 363	2.00 126	4.00 860					4	
4288	3.438	3/32 032	1/8 126	1/8 126	3/16 860	3/16 501			4	Buda
2C4288	3.438	3/32 362	1/8 126	1/8 126	3/16 860	3/16 501			4	
4289	3.500	1.60 032	1.60 126	4.75 860					8	Rover, Triumph
2C4289	3.500	1.60 362	1.60 126	4.75 860					8	
2C4290	3.464	1.50 362	1.75 126	4.00 056					6	Alfa Romeo
2C4291	3.150	1.50 362	1.75 401	3.50 055					4	Alfa Romeo
4293	3.169	2.00 032	2.00 126	4.00 860					4	Toyota
2C4293	3.169	2.00 362	2.00 126	4.00 860					4	
4294	3.228	2.00 032	2.00 126	4.00 056					4	GM, Isuzu, Subaru
2C4294	3.228	2.00 362	2.00 126	4.00 056					4	
2M4294	3.228	2.00 327	2.00 126	4.00 056					4	

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
4298	3.425	2.00 032	2.00 126	5.00 871					4	Volkswagen
2C4298	3.425	2.00 362	2.00 126	5.00 871					4	
2C4299	3.425	1.50 362	1.50 102	5.00 871					4	Volkswagen
4301	3.228	1.50 032	1.50 126	4.00 058					4	Ford, Isuzu
2M4301	3.228	1.50 327	1.50 126	4.00 058					4	
2C4303	3.386	1.75 362	2.50 401	4.00 056					6	Mercedes Benz
4304	3.130	2.00 032	2.50 126	5.00 860					4	Audi, Volkswagen
2C4304	3.130	2.00 362	2.50 126	5.00 860					4	
2C4305	4.500	1/8 372	3/32 126	3/16 565					8	International
2C4313	3.130	1.50 362	1.50 126	2.50 995					4	Renault
4320	3.425	2.00 032	2.50 126	4.00 056					4	Mercedes Benz
2C4320	3.425	2.00 362	2.50 126	4.00 056					4	
2C4329	3.150	1.50 376	1.75 406	3.00 200					6	BMW
4330	2.992	1.75 102	2.00 401	4.00 056					4	American Motors, Peugeot, Renault
2C4330	2.992	1.75 362	2.00 401	4.00 056					4	
4340	3.307	1.50 102	2.00 401	4.00 056					6	BMW
2C4340	3.307	1.50 362	2.00 401	4.00 056					6	
4341	3.189	1.50 032	1.75 126	3.00 054					4	Audi, Volkswagen
2C4341	3.189	1.50 362	1.75 126	3.00 054					4	
2M4341	3.189	1.50 335	1.75 126	3.00 054					4	
4342	2.795	2.00 032	2.00 401	4.00 056					4	Chrysler, Mitsubishi
2C4342	2.795	2.00 362	2.00 401	4.00 056					4	
4346	4.000	1.50 032	1.50 126	4.00 635					8	Ford, Jeep, Palmer
2M4346	4.000	1.50 327	1.50 126	4.00 635					8	
4347	2.874	1.50 032	1.50 126	4.00 058					4	Hyundai, Mazda, Mitsubishi, Nissan
2C4347	2.874	1.50 362	1.50 126	4.00 058					4	
4353	3.027	1.50 032	1.50 126	4.00 058					4	Chrysler, Mitsubishi
2C4353	3.027	1.50 362	1.50 126	4.00 058					4	
2C4354	3.054	1.00 398	1.00 123	2.00 993					4	GM
4355	2.780	1.50 032	1.50 126	3.00 054					4	M.G., Rover
2C4356	3.110	1.20 398	1.20 126	2.00 990					4	Ford, GM
2C4357	3.189	1.00 398	1.20 126	2.00 990					4	Hyundai, Kia
2C4358	3.622	1.20 398	1.00 123	2.00 991					4	Suzuki
4359	2.750	1/16 022	1/16 022	1/16 022					1	Harley

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
4360	2.953	2.00 032	2.50 401	4.00 056					4	Audi
2C4360	2.953	2.00 362	2.50 401	4.00 056					4	
4362	2.795	1.50 032	1.50 126	2.80 859					4	Nissan
2C4362	2.795	1.50 362	1.50 126	2.80 859					4	
2C4363	2.913	1.00 398	1.20 126	2.80 859					4	Honda
2C4364	2.913	1.20 398	2.80 859						4	Suzuki
2C4365	3.464	1.50 362	1.50 126	4.00 856					4	Isuzu
4366	4.000	1/16 032	5/64 126	3/16 860					4	American Motors, GM
2C4366	4.000	1/16 362	5/64 126	3/16 860					4	
2M4366	4.000	1/16 327	5/64 126	3/16 860					4	
4367	3.173	1.50 032	1.50 401	4.00 058					4	Chrysler, Jeep, Mitsubishi
2C4367	3.173	1.50 363	1.50 401	4.00 058					4	
4369	2.559	1.75 102	2.00 401	3.50 054					4	Renault
2C4369	2.559	1.75 362	2.00 401	3.50 054					4	
4373	2.756	2.00 032	2.00 401	4.00 055					4	Peugeot
2C4373	2.756	2.00 362	2.00 401	4.00 055					4	
2D4379	3.740	3/32 363	3/32 126	3/16 553					4	Mazda
4381	3.071	2.00 032	2.00 126	4.00 056					4	Mazda
2C4381	3.071	2.00 362	2.00 126	4.00 056					4	
2C4389	4.000	5/64 362	5/64 126	3/16 860					4	Hercules
2D4390	3.386	2.50 362	2.00 435	5.00 553					4	Isuzu
4393	3.228	1.50 032	1.50 126	4.00 056					4	GM
2C4393	3.228	1.50 362	1.50 126	4.00 056					4	
4394	3.386	2.00 032	2.00 126	4.00 860					6	Nissan
2C4394	3.386	2.00 362	2.00 126	4.00 860					6	
4396	2.913	1.50 032	1.50 126	4.00 058					4	Chrysler, Honda, Mitsubishi
2C4396	2.913	1.50 362	1.50 126	4.00 058					4	
2M4396	2.913	1.50 327	1.50 126	4.00 058					4	
4398	3.250	5/64 032	5/64 126	3/16 860					2	Onan, Wisconsin
2C4400	3.719	3/32 363	1/8 126	1/8 126	3/16 860				6	GM
4408	3.504	1.50 032	2.00 126	4.75 860					4	GM
2M4408	3.504	1.50 397	2.00 126	4.75 860					4	

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
4409	3.680	1.50 032	1.50 126	4.00 056					6	Ford
2C4409	3.680	1.50 363	1.50 126	4.00 056					6	
4410	2.874	2.00 032	2.00 401	4.00 058					6	Nissan
2C4410	2.874	2.00 362	2.00 401	4.00 058					6	
2C4412	3.071	1.50 362	2.00 126	4.00 056					4	Ford
4413	3.110	2.00 032	2.00 401	5.00 871					4	Opel
2C4413	3.110	2.00 362	2.00 401	5.00 871					4	
4415	3.346	2.00 032	2.00 126	5.00 871					4	Opel
2C4415	3.346	2.00 362	2.00 126	5.00 871					4	
4416	3.425	2.00 032	2.00 126	5.00 871					6	Opel
2C4416	3.425	2.00 362	2.00 126	5.00 871					6	
4417	3.188	5/64 032	5/64 126	3/16 860					4	Vauxhall
2C4417	3.188	5/64 362	5/64 126	3/16 860					4	
2C4422	2.677	2.00 362	2.00 401	4.00 058					4	Skoda
2D4423	3.464	2.00 362	2.00 032	2.00 401	5.00 553				4	Opel
2C4424	2.835	2.00 362	2.00 401	4.00 058					4	Skoda
2C4434	3.307	1.20 398	1.00 123	2.00 990					4	Suzuki
4435	2.913	1.50 032	1.50 126	2.80 859					4	Honda
2C4435	2.913	1.50 362	1.50 126	2.80 859					4	
2C4437	3.464	1.20 398	1.50 126	2.00 993					8	Rover
2C4439	3.071	1.20 398	1.20 126	2.00 990					4	Nissan
2C4441	3.543	1/16 362	5/64 126	5/32 056					12	Jaguar
2C4443	3.555	1.75 362	1.75 126	4.00 860					4	Triumph
2C4446	3.268	1.20 398	1.50 126	4.00 056					4	Subaru
2M4447	3.464	1.50 335	1.50 126	3.00 872					8	GM
2C4448	3.110	1.75 362	2.00 126	4.00 056					4	Renault
2C4449	2.441	1.50 362	1.50 126	2.80 859					3	Suzuki
4450	3.661	1.60 032	1.75 126	3.50 058					6	Ford
2C4450	3.661	1.60 363	1.75 126	3.50 058					6	
2M4450	3.661	1.60 327	1.75 126	3.50 058					6	
2C4451	2.795	1.20 398	1.50 126	3.00 054					4	Ford, Mazda

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
4452	3.504	2.00 032	1.50 126	4.00 056					4	Nissan
2C4452	3.504	2.00 362	1.50 126	4.00 056					4	
2M4452	3.504	2.00 327	1.50 126	4.00 056					4	
4453	3.587	1.50 032	1.50 126	4.00 870					6	Chrysler, Dodge, Hyundai, Mitsubishi
2M4453	3.587	1.50 335	1.50 126	4.00 870					6	
4454	4.351	5/64 032	5/64 126	3/16 860					8	GM
2C4454	4.351	5/64 362	5/64 126	3/16 860					8	
2M4454	4.351	5/64 345	5/64 126	3/16 860					8	
2M4455	3.464	1.75 327	2.00 126	4.00 872					4	American Motors
4456	3.504	1.50 032	1.50 126	4.00 872					6	GM, Isuzu
2M4456	3.504	1.50 397	1.50 126	4.00 872					6	
4457	2.625	3/32 126	3/32 126	3/16 871					2	Bendix
4458	3.799	1.50 032	1.50 126	3.00 872					6	GM
2M4458	3.799	1.50 327	1.50 126	3.00 872					6	
4459	2.992	1.50 032	1.50 435	2.80 861					3	Daihatsu
2C4459	2.992	1.50 362	1.50 435	2.80 861					3	
4460	2.992	1.50 032	2.00 401	4.00 055					4	Lada
2C4460	2.992	1.50 362	2.00 401	4.00 055					4	
4461	3.228	1.50 032	2.00 126	4.00 055					4	Lada
2C4461	3.228	1.50 362	2.00 126	4.00 055					4	
4465	2.625	3/32 126	3/32 126	3/16 501	3/32 126	3/16 501			2	Bendix
4466	3.406	2.00 032	2.50 126	5.00 871					4	American Motors, Audi, Porsche
2C4466	3.406	2.00 362	2.50 126	5.00 871					4	
4467	2.933	1.50 032	1.75 401	3.00 056					4	Renault
4468	3.622	1.50 032	1.50 126	3.00 054					4	GM
2M4468	3.622	1.50 335	1.50 126	3.00 054					4	
4469	2.625	3/32 126	3/32 126	3/16 871	3/16 126	3/16 126			2	Bendix
2C4471	2.913	1.60 362	2.00 401	4.00 058					4	Ford, Ford European
4473	3.016	2.00 032	2.00 401	4.00 058					4	Toyota
2C4473	3.016	2.00 362	2.00 401	4.00 058					4	
2C4475	3.228	2.00 363	2.00 126	2.80 861					1	Honda
4476	3.169	1.50 102	2.00 126	4.00 058					4	Nissan
2C4476	3.169	1.50 362	2.00 126	4.00 058					4	

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
4477	3.779	1.75 032	1.75 126	3.50 059					4	Volvo
2C4477	3.779	1.75 363	1.75 126	3.50 059					4	
4478	3.701	1.50 032	1.50 126	3.00 872					6	GM
2M4478	3.701	1.50 327	1.50 126	3.00 872					6	
4479	2.992	1.50 032	2.00 401	4.00 055					4	Fiat
2C4479	2.992	1.50 362	2.00 401	4.00 055					4	
4480	3.582	1.50 032	1.50 126	4.00 870					4	Toyota
2C4480	3.582	1.50 362	1.50 126	4.00 870					4	
4481	2.756	2.00 032	2.00 401	3.50 055					2	Fiat
2C4481	2.756	2.00 362	2.00 401	3.50 055					2	
4482	3.110	2.00 032	2.50 401	4.00 056					4	Ford European
2C4482	3.110	2.00 362	2.50 401	4.00 056					4	
2C4484	2.736	1.75 362	2.50 401	4.00 055					4	Audi, Volkswagen
4486	2.835	1.50 032	2.00 401	4.00 056					4	Peugeot
2C4486	2.835	1.50 362	2.00 401	4.00 056					4	
4488	3.464	1.50 032	2.00 401	4.00 056					6	Peugeot, Renault, Volvo
2C4488	3.464	1.50 362	2.00 401	4.00 056					6	
4490	3.130	1.75 032	2.00 126	4.00 056					4	Audi, Chrysler, Volkswagen
2C4490	3.130	1.75 363	2.00 126	4.00 056					4	
2M4490	3.130	1.75 327	2.00 126	4.00 056					4	
4492	3.012	2.00 032	2.00 401	4.00 056					4	Mitsubishi
2C4492	3.012	2.00 362	2.00 401	4.00 056					4	
4493	2.992	1.50 032	2.00 401	4.00 056					4	Fiat, Lada
2C4493	2.992	1.50 362	2.00 401	4.00 056					4	
2D4498	3.012	1.75 362	2.00 401	3.00 204					5	Audi, Volkswagen
2C4499	3.256	1.50 362	1.50 126	4.00 058					4	Honda
2M4499	3.256	1.50 327	1.50 126	4.00 058					4	
2C4501	3.150	1.20 398	1.50 126	2.00 993					6	BMW
2C4504	3.031	1.20 398	1.20 435	2.00 993					4	Hyundai, Kia
2C4510	3.268	1.20 398	1.50 126	2.50 995					1	Volvo
2C4511	3.701	1.20 398	1.20 126	2.00 991					6	Lexus, Toyota
2D4512	3.819	3.00 361	3.00 032	3.00 401	5.50 553				2	Hanomag, Mercedes Benz, Toyota
2D4513	3.563	3.00 222	2.50 435	3.00 553					4	Rover

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
4515	3.779	1.50 032	1.50 126	3.00 872					4	Ford
2M4515	3.779	1.50 327	1.50 126	3.00 872					4	
2C4516	3.504	1.20 398	1.20 126	2.00 990					4	Nissan
4517	2.798	1.50 032	1.50 126	3.00 054					4	GM
2C4517	2.798	1.50 362	1.50 126	3.00 054					4	
2C4519	3.401	1.50 362	2.00 401	3.00 054					4	Fiat
2M4520	4.016	1.50 336	1.50 406	2.50 985					8	Ford
2C4521	3.307	1.20 398	1.20 126	2.50 995					4	Suzuki
2C4522	2.697	1.20 398	1.20 126	2.50 995					4	Daewoo
4523	3.401	1.50 032	1.50 126	3.00 054					4	Fiat
2C4523	3.401	1.50 363	1.50 126	3.00 054					4	
2C4526	3.012	1.20 398	1.20 126	2.00 993					4	Hyundai, Kia
2C4528	3.268	1.20 398	1.75 126	3.00 997					1	Volvo
4532	3.917	2.00 032	1.50 126	4.00 056					6	Nissan
2M4532	3.917	2.00 335	1.50 126	4.00 056					6	
2D4541	3.189	1.50 335	1.70 126	3.00 553					5	Audi, Volkswagen
2C4542	3.425	1.50 362	1.50 102	2.50 401	4.00 056				4	Mercedes Benz
4544	3.218	1.75 032	2.50 401	4.00 860					6	Mercedes Benz
2C4544	3.218	1.75 363	2.50 401	4.00 860					6	
2C4548	3.228	1.20 398	1.50 126	2.00 934					4	Ford
2C4549	2.716	1.20 398	1.50 126	2.50 995					4	Renault
2C4550	3.780	1.20 398	1.20 126	2.00 991					6	Chrysler, Dodge, Hyundai, Jeep, Kia
2C4551	3.212	1.20 398	1.50 126	3.00 054					4	GM
4555	3.307	1.50 032	1.50 126	3.00 054					4	Fiat
2C4555	3.307	1.50 362	1.50 126	3.00 054					4	
4557	3.307	1.50 032	1.50 126	2.00 993					2	BMW
2C4557	3.307	1.50 362	1.50 126	2.00 993					2	
2C4558	3.346	1.20 398	1.20 126	2.00 993					4	Mitsubishi
2C4559	3.150	1.50 362	1.50 126	2.00 993					6	BMW
2C4561	3.582	1.20 398	1.20 126	3.00 997					8	Lexus
2C4562	3.248	1.20 398	1.50 126	2.00 934					5	Volkswagen
2C4563	3.248	1.20 398	1.75 126	3.00 997					1	Audi
2C4564	3.464	1.20 398	1.50 126	2.00 993					4	GM

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2C4565	2.992	1.20 398	1.50 126	2.50 995					4	Ford European
				732						
2C4566	3.701	1.20 398	1.20 126	3.00 997					8	Lexus, Toyota
				732						
2C4567	3.464	1.20 398	1.50 126	2.80 997					6	Suzuki
				732						
2C4569	3.067	1.20 398	1.50 126	2.50 995					4	GM
				732						
2C4571	3.677	1.20 398	1.20 126	2.00 934					6	Isuzu
				732						
2C4573	3.307	1.20 398	1.50 126	2.00 993					2	BMW
				005						
2N4573	3.307	1.20 322	1.50 406	2.00 987					4	
				714						
2C4576	2.972	1.20 398	1.20 126	2.00 993					4	Hyundai
				005						
2M4577	3.583	1.20 397	1.20 406	2.00 991					6	
				005						
2C4580	2.638	1.20 398	1.20 126	2.50 995					4	Hyundai
				005						
2D4583	3.779	2.00 370	1.50 126	3.00 248					4	Toyota
				881						
2M4584	3.189	1.50 335	1.75 126	2.00 993					6	Audi
				005						
2C4586	3.701	1.20 398	1.20 126	2.00 991					8	Lexus, Toyota
				005						
2C4590	3.189	1.00 398	1.20 126	2.00 993					4	Audi, Volkswagen
				005						
2C4596	3.110	1.20 398	1.50 126	2.00 993					4	Opel
				005						
2C4597	2.744	1.20 398	1.20 126	2.00 934					4	GM
				005						
2C4598	2.795	1.00 398	1.00 123	1.50 981					3	Toyota
				005						
2M4599	3.630	1.20 397	1.20 126	2.50 995					8	Ford
				732						
4600	3.189	1.75 032	2.00 126	3.00 054					4	American Motors, Renault
				732						
2C4600	3.189	1.75 362	2.00 126	3.00 054					4	
				732						
4601	3.386	1.50 032	1.50 126	3.00 872					4	GM, Infiniti, Isuzu, Nissan, Opel
				732						
2M4601	3.386	1.50 397	1.50 126	3.00 872					4	
				732						
2C4602	3.110	1.20 398	1.50 126	3.00 872					4	GM
				732						
4603	3.516	1.50 032	1.50 126	4.00 058					4	Isuzu
				732						
2C4603	3.516	1.50 363	1.50 126	4.00 058					4	
				732						
4609	3.438	1/16 032	1/16 126	3/16 501					2	Harley
4612	3.701	1.50 032	1.50 126	4.00 870					6	Toyota
				732						
2C4612	3.701	1.50 363	1.50 126	4.00 870					6	
				732						
2C4613	3.346	1.20 398	1.50 126	3.00 054					4	Chrysler, Jeep, Mitsubishi
				732						
4614	3.268	1.50 032	1.75 126	4.00 058					4	Seat
				732						
2C4614	3.268	1.50 362	1.75 126	4.00 058					4	
				732						
4617	3.150	1.50 102	2.00 126	3.50 055					6	BMW
				732						
2C4617	3.150	1.50 362	2.00 126	3.50 055					6	
				732						

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
4618	2.795	1.50 032	1.50 126	4.00 058					4	Mitsubishi
2C4618	2.795	1.50 362	1.50 126	4.00 058					4	
2C4619	3.071	1.50 362	1.50 126	2.50 533					2	Mitsubishi
2D4620	3.563	2.00 363	2.00 126	4.00 553					4	Rover
2C4621	3.110	1.20 398	1.50 126	2.50 995					4	GM, Opel
2C4623	3.150	1.00 398	1.20 126	2.00 993					2	Rover
4625	3.622	2.00 032	2.00 126	4.75 860					6	Jaguar
2C4625	3.622	2.00 362	2.00 126	4.75 860					6	
4626	4.000	2.00 032	1.50 126	4.00 872					8	GM
2M4626	4.000	2.00 397	1.50 126	4.00 872					8	
4627	3.953	1.60 032	1.75 126	3.50 874					6	Ford, Mazda
2M4627	3.953	1.60 335	1.75 126	3.50 874					6	
4628	3.551	1.50 032	1.50 126	3.00 872					8	Ford
2M4628	3.551	1.50 397	1.50 126	3.00 872					8	
4630	3.228	2.00 032	2.00 126	4.50 870					4	Mazda
2C4631	2.953	1.20 398	1.50 435	4.00 058					4	Honda
2N4631	2.953	1.20 322	1.50 435	4.00 058					4	
4632	2.953	1.50 032	1.50 401	4.00 058					6	Toyota
2C4632	2.953	1.50 363	1.50 435	4.00 058					6	
4633	2.874	1.50 032	1.50 126	3.00 054					4	Toyota
2C4633	2.874	1.50 363	1.50 126	3.00 054					4	
2N4633	2.874	1.50 326	1.50 435	3.00 054					4	
4634	3.701	1.75 032	2.00 126	3.50 058					4	Volkswagen
2C4634	3.701	1.75 362	2.00 126	3.50 058					4	
4635	3.338	1.50 032	1.50 126	3.00 054					4	GM
2C4635	3.338	1.50 362	1.50 126	3.00 054					4	
4636	3.661	1.50 032	1.50 126	3.00 872					6	Chrysler, Dodge, Jeep
2M4636	3.661	1.50 327	1.50 126	3.00 872					6	
4637	3.646	1.50 032	1.50 126	4.00 870					4	Honda, Isuzu
2M4637	3.646	1.50 335	1.50 126	4.00 870					4	
4638	3.405	1.50 032	1.50 126	4.00 058					4	Chrysler, Dodge, Hyundai, Jeep, Mitsubishi
2C4638	3.405	1.50 362	1.50 126	4.00 058					4	

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2C4639	3.248	1.20 398	1.50 126	2.00 934					4	Audi, Volkswagen
2N4639	3.248	1.20 322	1.50 406	2.00 987					4	
2C4640	2.953	1.20 398	1.50 435	2.80 859					4	Acura, GM, Honda, Suzuki
2C4644	3.307	1.20 398	1.20 126	4.00 058					6	Acura
2C4645	3.425	1.20 398	1.20 126	4.00 058					6	Acura, Honda
2C4646	3.031	1.20 398	1.20 126	2.80 861					4	GM, Isuzu
2C4647	3.150	1.20 398	1.20 126	3.00 054					4	GM, Isuzu
4648	3.779	1.50 032	1.50 126	3.00 872					6	Chrysler, Dodge, Jeep
2M4648	3.779	1.50 327	1.50 126	3.00 872					6	
2N4648	3.779	1.50 322	1.50 126	3.00 987					6	
4649	3.622	1.50 032	1.50 126	4.00 870					6	GM
2M4649	3.622	1.50 335	1.50 126	4.00 870					6	
2C4650	3.504	1.20 398	1.50 126	2.80 861					6	Ford
4651	3.268	1.50 032	1.50 126	3.00 054					4	Ford, Kia, Mazda, Peugeot
2C4651	3.268	1.50 376	1.50 126	3.00 054					4	
2N4651	3.268	1.50 326	1.50 435	3.00 987					4	
4652	2.756	1.75 032	2.00 401	3.50 055					4	Renault
2C4652	2.756	1.75 362	2.00 401	3.50 055					4	
2C4653	3.386	1.20 398	1.50 435	4.00 058					4	Toyota
2C4654	3.346	1.20 398	1.20 126	2.80 861					4	Honda, Isuzu
2C4658	3.189	1.20 398	1.50 126	2.80 861					4	Honda
4659	2.992	1.50 032	1.50 435	2.80 861					4	Nissan
2C4659	2.992	1.50 362	1.50 435	2.80 861					4	
4660	3.504	1.50 032	1.50 126	2.80 861					4	Nissan
2C4660	3.504	1.50 363	1.50 126	2.80 861					4	
2C4661	3.346	2.00 362	1.50 126	4.00 058					4	Nissan
4662	3.071	1.50 032	1.50 102	2.80 861					4	Nissan
2C4662	3.071	1.50 363	1.50 102	2.80 861					4	
4664	3.366	1.50 102	1.75 126	4.00 058					4	Volkswagen
2C4664	3.366	1.50 362	1.75 126	4.00 058					4	
4665	3.189	1.50 032	1.50 126	4.00 056					4	Mazda
2C4665	3.189	1.50 363	1.50 126	4.00 056					4	
2C4666	3.189	1.00 398	1.20 126	2.80 861					4	Acura, Honda

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2C4667	3.543	1.20 398	1.20 126	2.80 861					6	Acura
				732						
2C4668	2.972	1.20 398	1.50 126	3.00 054					4	Chrysler, Hyundai, Jeep, Mitsubishi
				732						
2C4669	3.240	1.20 398	1.50 126	3.00 997					4	Chrysler, Hyundai, Jeep, Mitsubishi
				732						
2C4670	3.587	1.20 398	1.50 126	3.00 997					6	Chrysler, Dodge, Mitsubishi
				732						
2C4672	3.661	1.75 363	1.75 126	3.50 056					6	Chrysler, Jeep
				732						
4673	2.736	1.50 032	1.50 126	4.00 055					4	Mitsubishi
				732						
2C4673	2.736	1.50 362	1.50 126	4.00 055					4	
				732						
2M4676	3.445	1.50 335	1.50 126	3.00 997					6	Lexus, Toyota
				732						
2M4678	3.445	1.50 335	1.50 126	3.00 997					8	Lexus, Toyota
				732						
2C4679	3.543	1.50 363	1.50 126	4.00 056					6	Mazda
				732						
2M4679	3.543	1.50 335	1.50 126	4.00 056					6	
				732						
4681	3.327	1.50 032	1.50 126	2.80 861					4	Nissan
				732						
2C4681	3.327	1.50 363	1.50 126	2.80 861					4	
				732						
2C4682	3.071	2.00 362	2.00 401	4.00 052					6	Nissan
				732						
4683	3.189	1.50 032	1.50 126	3.00 054					4	Audi, GM, Toyota, Volkswagen
				732						
2M4683	3.189	1.50 335	1.50 126	3.00 054					4	
				732						
2N4683	3.189	1.50 322	1.50 126	3.00 987					4	
				714						
2C4684	3.189	1.20 398	1.50 126	2.80 861					4	GM, Toyota
				732						
4686	3.425	1.50 032	1.50 126	3.00 997					4	Toyota
				732						
2M4686	3.425	1.50 397	1.50 126	3.00 997					4	
				732						
4687	3.740	1.75 032	1.50 126	4.00 870					4	Toyota
				732						
2C4687	3.740	1.75 363	1.50 126	4.00 870					4	
				732						
2C4688	3.701	2.00 363	2.00 126	4.00 870					6	Toyota
				732						
4689	3.445	1.50 032	1.50 126	4.00 856					6	Lexus, Toyota
				732						
2M4689	3.445	1.50 397	1.50 126	4.00 856					6	
				732						
2C4690	2.953	1.00 398	1.20 126	2.80 859					4	Honda
				732						
4691	3.150	1.50 032	1.50 401	3.00 054					4	Ford European
				732						
2C4691	3.150	1.50 362	1.50 401	3.00 054					4	
				732						
2M4691	3.150	1.50 327	1.50 401	3.00 054					4	
				732						
2C4692	3.071	1.20 398	1.50 126	2.80 861					2	Subaru
				732						
4693	2.953	1.50 032	1.75 401	3.00 054					4	Audi
				732						
2C4693	2.953	1.50 363	1.75 401	3.00 054					4	
				732						

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
4694	2.827	1.50 032	1.50 126	4.00 058					4	Mitsubishi
2C4694	2.827	1.50 362	1.50 126	4.00 058					4	
4696	2.677	1.50 032	1.50 126	2.80 859					4	Nissan
2C4696	2.677	1.50 363	1.50 126	2.80 859					4	
2M4699	4.467	1.50 336	1.50 126	4.00 872					8	Mercuriser
2C4701	3.504	1.20 398	1.50 126	2.50 995					6	GM
2C4703	3.386	1.20 398	1.50 126	2.50 995					4	Isuzu
4705	3.504	2.00 032	2.00 126	4.75 860					4	GM
2C4705	3.504	2.00 362	2.00 126	4.75 860					4	
2C4707	3.819	1.20 398	1.50 126	3.00 054					4	Subaru
4709	3.150	2.00 032	2.00 401	3.00 054					4	Opel, Renault
2D4709	3.150	2.00 362	2.00 401	3.00 204					4	
2C4710	3.779	2.00 370	2.00 126	4.00 553					4	Toyota
4711	3.680	5/64 032	5/64 126	3/16 860					6	Ford
2C4711	3.680	5/64 363	5/64 126	3/16 860					6	
2M4711	3.680	5/64 327	5/64 126	3/16 860					6	
2C4713	3.386	1.50 376	1.50 435	4.00 058					6	Lexus, Opel, Toyota
4714	2.953	1.50 032	1.75 401	4.00 056					4	Seat
2C4714	2.953	1.50 363	1.75 401	4.00 056					4	
2M4717	3.811	1.50 335	1.50 126	4.00 052					6	Ford
4718	4.250	5/64 032	5/64 126	3/16 872					8	GM
2C4718	4.250	5/64 363	5/64 126	3/16 872					8	
2M4718	4.250	5/64 397	5/64 126	3/16 872					8	
4719	3.938	3/32 032	5/64 126	5/64 126	3/16 872				8	GM
2C4719	3.938	3/32 363	5/64 126	5/64 126	3/16 872				8	
2M4719	3.938	3/32 327	5/64 126	5/64 126	3/16 872				8	
4720	4.000	2.00 032	1.50 126	4.00 872					6	GM
2M4720	4.000	2.00 397	1.50 126	4.00 872					6	
4721	4.000	2.00 032	2.00 126	4.75 872					6	GM
2M4721	4.000	2.00 397	2.00 126	4.75 872					6	
4722	3.616	1.50 032	1.50 126	4.00 056					6	Ford
2C4722	3.616	1.50 363	1.50 126	4.00 056					6	
2M4724	3.579	3.00 345	2.00 126	4.00 553					4	Mercedes Benz

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
4726	4.000	1.50 032	1.50 126	4.00 635					8	Dodge, Ford
2M4726	4.000	1.50 397	1.50 126	4.00 635					8	
2M4727	4.467	2.00 336	1.50 126	4.00 872					8	GM, Mercruiser
2C4728	4.400	1/8 372	3/32 126	3/32 126	3/16 565				4	Ford
4731	2.780	1/16 102	1/16 102	5/32 058					4	Austin Rover
4732	2.542	1/16 032	1/16 401	1/16 401	5/32 058				4	Austin Rover
2C4733	3.189	1.20 398	1.50 126	3.00 054					4	GM, Toyota
2N4733	3.189	1.20 322	1.50 126	3.00 987					4	
2M4734	3.445	1.50 397	1.50 126	3.00 054					4	Chrysler
4735	3.910	2.00 032	2.00 126	4.00 872					8	Chrysler, Dodge, Jeep
2C4735	3.910	2.00 363	2.00 126	4.00 872					8	
2M4735	3.910	2.00 397	2.00 126	4.00 872					8	
4736	3.622	1.50 032	2.00 401	3.50 058					6	BMW
2C4736	3.622	1.50 362	2.00 401	3.50 058					6	
2M4736	3.622	1.50 327	2.00 401	3.50 058					6	
4737	3.071	1.50 032	1.50 126	3.00 054					4	Kia, Mazda
2C4737	3.071	1.50 362	1.50 126	3.00 054					4	
2C4738	2.913	1.20 398	2.80 859						3	GM, Suzuki
2C4739	3.268	1.20 398	1.20 126	2.80 861					4	Honda
4740	4.358	2.00 032	2.00 126	4.00 871					8	Ford
2C4740	4.358	2.00 363	2.00 126	4.00 871					8	
2M4740	4.358	2.00 345	2.00 126	4.00 871					8	
2M4741	4.110	3.00 336	2.00 130	3.50 553					8	Ford
4742	3.736	2.00 032	2.00 126	4.75 872					8	GM
2M4742	3.736	2.00 397	2.00 126	4.75 872					8	
2D4744	4.055	3.00 378	2.00 130	4.00 553					8	GM
4745	3.228	1.50 032	1.50 126	3.00 054					4	GM
2M4745	3.228	1.50 327	1.50 126	3.00 054					4	
4746	3.661	1.50 032	1.50 126	3.50 058					6	Alfa Romeo
2M4746	3.661	1.50 327	1.50 126	3.50 058					6	
2C4749	3.268	1.20 398	1.50 126	3.00 054					4	Ford, Mazda
4750	3.327	1.50 032	1.50 126	3.00 054					6	Ford, Mazda
2C4750	3.327	1.50 362	1.50 126	3.00 054					6	

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2C4751	2.992	2.00 362	1.50 435	3.00 054					4	Isuzu
				732						
2C4753	2.677	2.00 362	2.00 401	3.00 054					2	Briggs & Stratton
				732						
4754	3.386	1.50 032	1.50 435	2.80 861					6	Nissan
				732						
2C4754	3.386	1.50 376	1.50 435	2.80 861					6	
				732						
2M4754	3.386	1.50 397	1.50 435	2.80 861					6	
				732						
2M4755	3.551	1.50 336	1.50 126	2.50 995					8	Ford
				732						
4756	3.425	1.50 102	1.50 102	3.00 054					1	Kohler
				732						
4758	3.110	2.00 032	1.50 126	3.00 054					4	Isuzu
				732						
2D4758	3.110	2.00 335	1.50 126	3.00 204					4	
				881						
2C4759	3.445	1.20 398	1.20 126	3.00 872					4	Chrysler, Mitsubishi
				732						
4760	3.910	2.00 032	2.00 126	4.00 872					6	Dodge
				732						
2C4760	3.910	2.00 363	2.00 126	4.00 872					6	
				732						
2M4760	3.910	2.00 397	2.00 126	4.00 872					6	
				732						
4761	3.425	1.50 032	1.50 126	3.00 872					8	GM
				732						
2M4761	3.425	1.50 335	1.50 126	3.00 872					8	
				732						
2C4762	3.307	1.50 362	1.75 401	3.00 054					6	BMW
				732						
2C4763	3.307	1.50 362	1.75 401	3.00 054					4	BMW
				732						
2M4764	3.799	1.20 397	1.50 126	3.00 872					6	GM
				732						
2M4765	3.031	1.50 335	1.50 401	3.00 054					1	Kohler
				732						
4766	3.228	1.75 032	2.00 126	3.00 054					4	Renault
				732						
2C4766	3.228	1.75 362	2.00 126	3.00 054					4	
				732						
2C4767	3.425	1.20 398	1.20 126	2.80 997					4	Honda
				732						
2C4768	3.346	1.20 398	1.50 126	3.00 997					4	Hyundai, Jeep, Mitsubishi
				732						
2C4769	3.189	1.20 398	1.20 126	2.80 997					4	Jeep, Mitsubishi
				732						
2C4770	3.208	1.20 398	1.50 126	3.00 997					4	Hyundai
				732						
2C4771	3.268	1.20 398	1.50 126	3.00 997					4	Mazda
				732						
4772	2.953	1.50 032	1.50 126	3.00 996					6	Mazda
				732						
2C4772	2.953	1.50 363	1.50 126	3.00 996					6	
				732						
2C4773	3.189	1.20 398	1.50 126	3.00 997					4	Toyota
				732						
2C4774	2.913	1.20 398	1.20 126	3.00 996					4	Toyota
				732						
4776	3.937	1.75 032	2.00 126	4.00 052					6	Lexus, Toyota
				732						
2C4776	3.937	1.75 363	2.00 126	4.00 052					6	
				732						

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
4777	3.815	1.50 032	1.50 126	3.00 997					6	Subaru
2C4777	3.815	1.50 363	1.50 126	3.00 997					6	
2C4778	3.071	1.20 398	1.50 126	2.80 861					3	Subaru
2C4779	3.346	1.20 398	1.20 126	2.80 997					5	Acura
2C4780	3.405	1.20 398	1.50 126	2.80 997					4	Chrysler, Dodge, Hyundai, Kia, Mitsubishi
2C4781	3.661	1.20 398	1.20 126	2.50 995					6	Acura, GM, Nissan
2M4781	3.661	1.20 397	1.20 126	2.50 995					6	
4782	2.972	1.50 032	1.50 126	3.00 996					4	Hyundai
2C4782	2.972	1.50 363	1.50 126	3.00 996					4	
2C4783	3.405	1.20 398	1.50 126	3.00 997					4	Chrysler, Dodge, Mitsubishi
2M4785	4.000	1.50 397	1.50 126	4.00 872					10	Dodge
2M4787	3.200	1.60 335	2.00 126	4.00 056					4	Ford European
4788	3.307	1.50 032	2.00 126	4.00 058					4	Toyota
2C4788	3.307	1.50 362	2.00 126	4.00 058					4	
2M4789	3.819	1.50 336	1.50 126	3.50 058					6	Porsche
4790	3.661	1.50 032	1.50 126	3.00 872					8	Chrysler, Dodge, GM, Jeep
2M4790	3.661	1.50 335	1.50 126	3.00 872					8	
2M4791	3.677	1.50 327	1.50 126	4.00 870					6	Honda, Isuzu
2C4794	3.244	1.20 398	1.50 126	3.00 054					6	Ford
4798	2.563	1/16 032	1/16 401	5/32 058					1	Briggs & Stratton
4800	3.401	1.50 032	1.75 401	3.00 054					4	Fiat
2C4800	3.401	1.50 363	1.75 401	3.00 054					4	
4801	3.228	1.50 032	1.50 126	3.00 054					4	GM
2C4801	3.228	1.50 363	1.50 126	3.00 054					4	
4802	3.228	1.50 032	1.75 126	4.00 058					4	GM
2M4802	3.228	1.50 327	1.75 126	4.00 058					4	
4803	3.031	1.50 032	1.50 126	3.00 054					4	Volkswagen
2C4803	3.031	1.50 363	1.50 126	3.00 054					4	
4804	3.401	1.50 032	2.00 401	4.00 058					4	Fiat
2C4804	3.401	1.50 363	2.00 401	4.00 058					4	
2M4805	3.750	1.50 337	1.50 126	2.50 872					2	Harley
2C4807	2.441	1.50 362	1.50 126	2.80 859					4	Suzuki
2C4808	2.642	1.20 398	1.50 401	2.00 986					4	Volkswagen

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
4812	3.055	1.50 032	1.50 401	3.00 054					4	Opel
2C4812	3.055	1.50 362	1.50 401	3.00 054					4	
2C4813	2.835	1.20 398	1.20 126	2.50 995					1	Briggs & Stratton
4814	3.551	1.50 032	1.50 126	3.00 872					10	Ford
2M4814	3.551	1.50 397	1.50 126	3.00 872					10	
4815	3.875	1.50 032	1.50 126	4.00 056					6	Jeep
2M4815	3.875	1.50 327	1.50 126	4.00 056					6	
2M4816	4.000	1.50 397	1.50 126	3.00 872					10	Chrysler
2C4817	3.461	1.20 398	1.50 126	3.00 997					4	Subaru
2C4818	3.799	1.75 363	2.00 126	3.50 058					8	Mercedes Benz
4819	3.012	1.50 032	1.50 401	3.00 054					4	Daewoo
2C4819	3.012	1.50 362	1.50 401	3.00 054					4	
2M4820	3.504	1.75 327	2.00 126	3.50 056					4	Mercedes Benz
2C4821	3.247	2.00 363	2.00 401	3.00 054					4	Opel
2C4826	3.228	2.00 363	2.00 126	4.00 056					4	GM
2C4828	3.130	2.00 363	2.50 126	5.00 870					4	Volkswagen
2C4830	2.992	1.50 363	2.00 401	4.00 058					4	Fiat
4831	2.992	1.50 032	2.00 401	4.00 055					4	Fiat
2C4831	2.992	1.50 363	2.00 401	4.00 055					4	
4832	3.012	1.75 032	2.00 401	3.00 054					4	Volkswagen
2C4832	3.012	1.75 363	2.00 401	3.00 054					4	
4833	3.130	1.75 032	2.00 126	4.00 058					4	Volkswagen
2C4833	3.130	1.75 363	2.00 126	4.00 058					4	
2C4834	3.338	1.50 363	1.50 126	3.00 054					4	GM
2C4835	3.386	1.20 398	1.20 126	2.00 993					4	Chrysler, Hyundai, Jeep, Mitsubishi
2C4840	3.875	3/32 363	3/32 126	3/16 860					6	GM
4841	3.366	2.00 102	2.00 401	5.00 871					4	Volkswagen
2C4841	3.366	2.00 363	2.00 126	5.00 871					4	
4843	3.031	1.75 032	2.00 401	4.00 058					4	Ford
2C4843	3.031	1.75 363	2.00 401	4.00 058					4	
2C4844	2.965	1.75 363	2.00 401	4.00 058					4	Ford
2D4845	4.055	3.00 259	2.00 257	3.00 203					8	GM

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
4848	3.338	1.50 032	1.75 126	4.00 058					4	GM
2M4848	3.338	1.50 327	1.75 126	4.00 058					4	
2C4850	3.189	1.20 398	1.20 126	2.00 993					4	Acura, Honda
4851	3.031	2.00 102	2.00 401	4.00 058					4	Volkswagen
4856	2.704	1.50 032	1.75 126	3.00 054					4	Ford, Ford European
2C4856	2.704	1.50 363	1.75 126	3.00 054					4	
4858	2.911	1.50 032	1.75 401	3.00 054					4	Ford, Ford European
2C4858	2.911	1.50 363	1.75 401	3.00 054					4	
4859	2.984	1.50 032	1.75 401	3.00 054					4	Renault
2C4859	2.984	1.50 362	1.75 401	3.00 054					4	
4860	4.000	1.50 032	1.50 126	3.00 872					8	GM
2M4860	4.000	1.50 397	1.50 126	3.00 872					8	
4862	4.000	1.50 032	1.50 126	3.00 872					6	GM
2M4862	4.000	1.50 397	1.50 126	3.00 872					6	
4863	2.972	1.50 032	1.50 126	3.00 872					4	Skoda
2C4863	2.972	1.50 363	1.50 126	3.00 872					4	
2C4864	3.071	2.00 362	2.00 401	3.00 054					4	Renault
4865	3.268	2.00 032	2.00 126	3.00 054					4	Citroen, Peugeot
2D4865	3.268	2.00 362	2.00 126	3.00 204					4	
2M4866	3.799	1.20 397	1.50 126	2.00 934					6	GM
2C4867	3.189	1.50 363	1.50 126	4.00 058					4	GM, Mazda
2C4868	2.953	1.20 398	1.50 435	2.80 996					4	Tata
2M4873	4.110	3.16 224	2.52 227	3.50 553					8	Ford
2C4874	2.905	1.20 398	1.20 126	2.00 990					4	GM
2C4875	2.992	1.20 398	1.50 126	3.00 996					4	Daihatsu
4876	3.386	1.60 102	1.75 126	3.00 997					4	Ford European
2C4876	3.386	1.60 362	1.75 126	3.00 997					4	
2C4877	4.250	3/32 363	3/32 126	3/32 126	3/16 860				6	Minneapolis Moline
2C4878	3.438	3/32 362	1/8 126	3/16 860					6	Hercules
4879	4.000	2.00 032	2.00 126	4.00 872					6	Ford
2M4879	4.000	2.00 397	2.00 126	4.00 872					6	
2M4880	3.445	1.50 335	1.50 126	4.00 872					4	Chrysler
2C4881	3.622	1.20 398	1.50 401	2.80 861					6	Ford

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2D4882	4.110	3.00 260	2.00 129	3.50 553					8	Ford
				881						
4883	3.661	1.50 032	1.50 126	3.00 997					6	Hyundai, Kia, Mitsubishi
				732						
2M4883	3.661	1.50 327	1.50 126	3.00 997					6	
				732						
2C4884	2.972	1.20 398	1.50 126	2.80 996					4	Mitsubishi
				732						
4885	3.811	1.50 032	1.50 126	3.00 872					6	Ford
				732						
2M4885	3.811	1.50 335	1.50 126	3.00 872					6	
				732						
2N4885	3.811	1.50 322	1.50 126	3.00 987					6	
				714						
2C4886	3.244	1.20 398	1.50 126	3.00 054					8	Ford
				732						
4887	3.341	1.50 032	1.75 126	3.00 054					4	Ford, Ford European
				732						
2M4887	3.341	1.50 327	1.75 126	3.00 054					4	
				732						
2C4888	3.504	1.20 398	1.50 126	3.00 872					6	Ford, GM
				005						
4889	3.341	1.50 032	1.50 126	3.00 054					4	Ford
				732						
2M4889	3.341	1.50 335	1.50 126	3.00 054					4	
				732						
2C4890	3.779	1.20 398	1.50 126	3.00 872					6	Chrysler, Dodge, Jeep
				732						
2M4890	3.779	1.20 397	1.50 126	3.00 872					6	
				732						
2C4891	3.228	1.20 398	1.50 126	3.00 054					4	GM
				732						
2M4892	3.661	1.50 335	1.50 126	2.80 861					8	Infiniti
				732						
2C4893	3.622	1.20 398	1.50 126	4.00 872					6	GM
				005						
2M4893	3.622	1.20 397	1.50 126	4.00 872					6	
				005						
2C4894	3.661	1.20 398	1.50 126	3.00 872					8	GM
				732						
2C4895	3.425	1.20 398	1.50 126	3.00 872					8	GM
				732						
2M4896	3.386	1.50 335	1.50 126	3.00 997					6	GM
				732						
2M4897	3.897	1.50 397	1.50 126	3.00 872					8	GM
				732						
2C4898	3.543	1.20 398	1.50 126	3.00 872					4	GM
				732						
2M4898	3.543	1.20 397	1.50 126	3.00 872					4	
				732						
2C4899	3.602	1.50 362	1.50 126	2.80 997					6	Nissan
				732						
4900	3.394	1.60 032	2.00 401	4.00 056					4	Ford European
				732						
2C4900	3.394	1.60 363	2.00 401	4.00 056					4	
				732						
2C4901	2.953	1.20 398	1.20 126	2.50 995					4	GM, Suzuki
				732						
2C4902	3.445	1.20 398	1.20 126	3.00 997					6	Lexus, Toyota
				732						
2C4903	3.622	1.20 398	1.50 126	3.00 054					6	Chrysler, GM
				005						
2M4907	4.055	1.50 397	1.50 126	3.00 054					8	Chrysler, Dodge, Jeep
				732						
2C4908	3.740	1.50 362	1.50 126	4.00 870					4	Toyota
				732						

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2C4909	3.256	1.20 398	1.50 126	2.00 934					4	Renault
				935						
4911	3.681	1.50 032	1.50 126	4.00 052					6	Toyota
				732						
2C4911	3.681	1.50 363	1.50 126	4.00 052					6	
				732						
4912	3.779	1.50 032	1.50 126	3.00 054					4	Ford, Mazda
				732						
2C4912	3.779	1.50 362	1.50 126	3.00 054					4	
				732						
2M4912	3.779	1.50 327	1.50 126	3.00 054					4	
				732						
2D4914	4.016	3.00 208	2.35 135	4.00 553					6	Cummins, Dodge
				881						
2M4915	3.188	1/16 327	1/16 126	5/32 860					1	Harley
				732						
2M4916	3.438	1/16 327	1/16 126	5/32 860					1	Harley
				732						
2M4917	3.498	1/16 327	1/16 126	5/32 860					1	Harley
				732						
4918	3.161	1.50 032	1.50 401	3.00 054					6	Mazda
				005						
2C4918	3.161	1.50 363	1.50 401	3.00 054					6	
				005						
2C4919	2.964	1.00 398	1.20 126	2.50 995					4	Mazda
				732						
4921	3.189	1.50 032	1.75 126	3.00 054					6	Volkswagen
				732						
2C4921	3.189	1.50 363	1.75 126	3.00 054					6	
				732						
4922	3.189	1.75 032	2.00 126	3.00 054					5	Volkswagen
				732						
2C4922	3.189	1.75 362	2.00 126	3.00 054					5	
				732						
4923	3.189	1.50 032	1.75 126	2.00 993					4	Audi, Volkswagen
				005						
2M4923	3.189	1.50 335	1.75 126	2.00 993					4	
				005						
2C4924	3.248	1.20 398	1.50 126	2.00 934					6	Audi
				935						
4925	3.875	1.50 032	1.50 126	4.00 056					4	Dodge, Jeep
				732						
2M4925	3.875	1.50 327	1.50 126	4.00 056					4	
				732						
2C4926	3.228	1.50 362	1.50 126	4.00 058					4	Isuzu
				732						
2C4927	3.248	1.50 362	1.75 126	3.00 997					1	Audi, Volkswagen
				732						
2C4928	3.287	1.20 398	1.50 126	3.00 054					6	Chrysler
				732						
4929	4.250	5/64 032	5/64 126	5/64 126	3/16 872				8	GM
					732					
2C4929	4.250	5/64 363	5/64 126	5/64 126	3/16 872				8	
					732					
2M4929	4.250	5/64 397	5/64 126	5/64 126	3/16 872				8	
					732					
4930	3.701	1.50 032	1.50 126	3.00 872					8	Rover
				005						
2M4930	3.701	1.50 327	1.50 126	3.00 872					8	
				005						
2C4931	3.632	1.20 398	1.50 126	3.00 997					6	Ford European
				732						
4932	2.992	1.50 032	1.50 126	3.00 054					4	Fiat
				732						
2C4932	2.992	1.50 362	1.50 126	3.00 054					4	
				732						

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2C4933	3.346	1.20 398	1.50 126	2.80 997					4	Jeep, Mitsubishi
				732						
2M4934	3.579	3.00 345	2.00 126	4.00 553					5	Mercedes Benz
				881						
4935	2.992	1.50 032	1.50 126	3.00 872					4	Nissan
				732						
2C4935	2.992	1.50 362	1.50 126	3.00 872					4	
				732						
2C4936	4.016	3.00 208	2.35 135	4.00 553					4	Cummins
				881						
4937	3.632	1.50 032	1.50 126	3.00 872					6	Ford European
				005						
2M4937	3.632	1.50 327	1.50 126	3.00 872					6	
				005						
4938	3.779	2.00 032	2.00 126	4.00 056					6	Nissan
				732						
2M4938	3.779	2.00 327	2.00 126	4.00 056					6	
				732						
2D4939	3.779	2.50 363	2.00 126	4.00 553					6	Nissan
				881						
2M4940	3.543	1.50 335	1.20 126	2.80 861					6	Acura
				732						
2M4941	3.875	1.50 337	1.50 126	2.50 872					2	Harley
				005						
2M4942	3.750	1.50 337	1.50 126	3.00 872					2	Harley
				732						
2C4943	3.228	1.20 398	1.20 126	2.50 995					4	Hyundai
				732						
2C4944	2.913	1.20 398	1.20 126	2.50 995					4	GM, Suzuki
				732						
2M4945	3.677	1.50 327	1.50 126	3.00 997					6	Honda, Isuzu
				732						
2M4946	3.386	1.50 397	1.50 126	3.00 054					6	Chrysler
				732						
2C4947	3.110	1.20 398	1.20 126	3.00 996					4	GM, Toyota
				732						
2C4948	3.445	1.20 398	1.50 126	3.00 872					4	Chrysler, Dodge
				732						
2M4950	3.813	1/16 327	1/16 126	5/32 860					1	Harley
				732						
4951	3.268	1.50 102	1.50 126	4.00 058					4	Nissan
				732						
2C4951	3.268	1.50 362	1.50 126	4.00 058					4	
				732						
2M4953	3.813	1/16 327	1/16 126	3/16 860					1	Harley
				732						
2D4954	3.327	2.00 376	2.00 126	3.00 553					4	Nissan
				881						
2M4955	3.307	1.50 336	1.50 126	3.50 058					4	Alfa Romeo
				732						
2D4956	3.779	2.50 363	2.00 126	4.00 553					4	Ford, Nissan
				881						
2C4957	3.917	1.20 398	1.50 126	2.80 861					4	Subaru
				732						
2C4958	2.992	1.50 362	2.80 996						4	Nissan
			732							
2C4959	3.307	1.20 398	1.50 126	2.50 995					4	GM, Suzuki
				732						
2N4959	3.307	1.20 326	1.50 435	2.50 987					4	
				714						
2C4962	2.953	1.20 398	1.50 435	3.00 054					4	Honda, Rover
				732						
2C4963	3.524	1.20 398	1.50 126	2.50 995					6	GM
				005						
4964	3.150	3.00 102	3.00 102	3.00 401	4.00 058				1	Bendix
				732						

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2C4965	4.688	3/16 362	3/16 102	3/16 102	3/16 401	3/16 501 825			2	John Deere
4967	2.780	3/32 102	3/32 102	3/16 870 732	3/32 126	3/16 501			2	Bendix
2C4969	3.386	1.20 398	1.20 126	2.80 997 732					4	Acura, Honda
2C4971	3.386	1.20 398	1.20 126	2.80 997 732					6	Acura, Honda
2C4972	3.504	1.20 398	1.20 126	2.80 997 732					6	Acura, GM, Honda
2C4973	3.307	1.20 398	1.20 126	2.80 997 732					4	Honda
2N4973	3.307	1.20 326	1.20 126	2.80 997 732					4	
2C4974	2.953	1.00 398	1.20 126	2.80 996 732					4	Honda
2D4975	3.978	3.00 372	2.00 130	4.00 553 881					8	GM
2M4976	3.484	1.50 335	1.75 126	3.00 054 732					6	Mercedes Benz
4977	3.031	1.50 032	1.50 401	2.00 993 005					4	Ford, Volkswagen
2C4977	3.031	1.50 363	1.50 401	2.00 993 005					4	
2M4978	3.779	1.50 397	1.50 126	3.00 872 732					8	GM
2C4979	3.504	1.20 398	1.50 126	3.00 997 732					6	GM
2M4979	3.504	1.20 397	1.50 126	3.00 997 732					6	
2C4980	3.307	1.20 398	1.20 126	2.50 995 732					6	Hyundai
2D4981	3.031	2.00 363	1.75 102	3.00 553 881					4	Citroen, Peugeot
2C4984	3.228	1.20 398	1.50 126	2.50 995 732					4	GM
2M4985	3.875	1/16 327	1/16 126	3/16 860 732					2	Harley
2M4987	3.341	1.50 335	1.75 130	3.00 054 732					4	Ford
4988	2.913	1.50 032	1.75 401	3.00 054 732					4	Mazda, Renault
2C4988	2.913	1.50 362	1.75 401	3.00 054 732					4	
2D4989	3.386	2.00 335	2.00 435	3.00 553 881					4	Mazda
4990	3.256	1.50 032	1.75 401	3.00 054 732					4	Renault, Volvo
2C4990	3.256	1.50 362	1.75 401	3.00 054 732					4	
2C4991	3.341	1.20 398	1.75 126	3.00 054 732					4	Ford, Ford European
2C4992	3.341	1.20 398	1.50 126	2.50 995 732					4	Ford, Ford European
2C4993	3.189	1.20 398	1.75 126	3.00 054 732					5	Volvo
2C4994	3.071	1.20 398	1.50 126	2.50 533 732					4	Suzuki
2C4995	2.716	1.50 363	1.50 126	2.50 995 732					4	Renault
2C4996	3.386	1.20 398	1.50 435	3.00 054 732					6	GM
2C4997	3.661	1.75 363	2.00 126	3.00 997 732					4	Saab
2C4998	3.701	1.20 398	1.50 126	3.00 872 005					8	Rover

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
4999	3.740	1.50 032	1.50 126	4.00 856					4	Toyota
				732						
2M4999	3.740	1.50 335	1.50 126	4.00 856					4	
				732						
2C5005	3.386	1.20 398	1.20 126	3.00 997					4	Toyota
				732						
2C5006	3.425	1.20 398	1.20 126	3.00 997					4	Toyota
				732						
2N5006	3.425	1.20 398	1.20 435	3.00 987					4	
				714						
5013	2.756	1.50 032	1.50 126	3.00 054					4	Fiat, Peugeot
				732						
2C5013	2.756	1.50 363	1.50 126	3.00 054					4	
				732						
2M5014	3.661	1.50 335	1.50 126	3.00 872					6	Chrysler, Dodge
				732						
2M5015	2.775	1.50 335	1.50 126	3.00 996					4	Toyota
				732						
2C5016	3.268	2.00 370	2.00 126	3.00 054					4	Toyota
				732						
2M5017	3.701	1.50 335	1.50 126	4.00 856					8	Lexus, Toyota
				732						
2C5018	3.551	1.20 398	1.50 126	3.00 872					8	Ford
				732						
5019	3.041	1.60 032	2.00 401	4.00 056					4	Ford European
				732						
2M5019	3.041	1.60 327	2.00 401	4.00 056					4	
				732						
2D5020	3.189	1.50 327	1.50 401	2.00 203					6	Audi, Volkswagen
				881						
5021	2.953	1.50 032	1.50 435	2.50 995					4	Peugeot, Volkswagen
				732						
2C5021	2.953	1.50 363	1.50 435	2.50 995					4	
				732						
2C5022	3.012	1.50 362	1.50 401	2.50 995					4	Volkswagen
				732						
2C5024	3.661	1.20 398	1.50 126	2.50 995					8	GM
				732						
2C5025	2.913	1.20 398	1.20 126	3.00 996					2	John Deere
				732						
2M5026	3.071	1.50 327	1.75 401	3.50 058					4	Alfa Romeo
				732						
2C5027	3.622	1.20 398	1.50 126	3.00 054					4	Subaru
				005						
2C5028	3.750	1/8 362	1/8 126	1/8 126	3/16 860				6	Buda, International, Massey Ferguson, Oliver, Waukesha
					732					
5030	2.953	2.00 102	2.00 401	4.00 058					1	Bendix
				732						
5032	3.150	1.50 102	1.50 102	3.00 054					1	Bendix, Kohler
				732						
2C5039	2.697	1.20 398	1.50 126	2.80 859					3	Daewoo, Suzuki
				732						
2D5040	3.720	2.00 336	2.00 126	3.00 553					4	Kia
				881						
2D5042	3.587	2.00 336	2.00 126	3.00 553					4	Hyundai
				881						
2D5043	3.386	2.50 372	2.50 401	3.00 204					4	Renault
				881						
5044	2.745	3/32 102	3/32 102	1/8 501					2	Harley
5046	3.268	1.75 032	1.75 126	4.00 056					4	Peugeot
				732						
2C5046	3.268	1.75 362	1.75 126	4.00 056					4	
				732						
2C5047	3.563	3/32 362	1/8 126	1/8 126	3/16 860				6	GM, International
					732					

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
5049	3.938	3/32 032	5/64 126	3/16 872					8	GM
2C5049	3.938	3/32 363	5/64 126	3/16 872					8	
2M5049	3.938	3/32 327	5/64 126	3/16 872					8	
2C5051	2.756	1.20 398	1.20 126	2.50 995					4	Fiat
2C5052	2.787	1.20 398	1.20 126	2.50 995					4	Fiat
2C5054	3.917	2.00 370	1.50 126	4.00 553					4	Toyota
2C5056	3.740	2.36 372	2.00 126	4.00 553					4	Mitsubishi
2D5058	3.346	2.00 376	2.00 126	4.00 553					6	Nissan
2C5059	2.677	1.20 398	1.50 126	3.00 996					4	Kia
5060	3.250	1/8 032	1/8 126	3/16 860					4	Allis Chalmers, Hercules, John Deere, Kermath,
2C5060	3.250	1/8 362	1/8 126	3/16 860					4	Le Roi, Massey Ferguson, Waukesha
5063	3.438	1/8 032	1/8 126	1/8 126	3/16 860				4	Allis Chalmers, Buda
2C5063	3.438	1/8 362	1/8 126	1/8 126	3/16 860				4	
5064	3.813	1/8 032	1/8 126	1/8 126	3/16 860				6	Buda
2C5064	3.813	1/8 362	1/8 126	1/8 126	3/16 860				6	
5065	3.386	1.50 032	1.75 126	3.00 054					4	Peugeot
2M5065	3.386	1.50 397	1.75 126	3.00 054					4	
5068	2.953	1.75 032	2.00 126	3.00 054					4	Peugeot
2C5068	2.953	1.75 362	2.00 126	3.00 054					4	
2M5069	3.497	1.20 397	1.50 126	2.50 872					1	Harley
2M5070	3.539	1.50 327	1.75 126	3.00 054					2	Mercedes Benz
2C5071	3.760	1.75 362	2.00 126	3.50 058					4	Mercedes Benz
2C5074	3.264	1.50 362	1.75 126	3.00 054					6	Mercedes Benz
5075	3.188	5/64 032	5/64 126	3/16 860					8	Ford
5076	2.953	1.50 032	1.50 435	3.00 054					4	Opel
2C5076	2.953	1.50 363	1.50 435	3.00 054					4	
2C5077	3.504	1.20 398	1.50 126	2.50 872					6	Ford, Mazda
2M5080	4.000	1.50 327	1.50 126	2.50 872					1	Harley
2C5083	2.697	1.50 362	1.50 126	2.80 859					4	Suzuki
5084	3.622	2.00 032	2.00 401	5.00 860					6	Opel
2C5084	3.622	2.00 362	2.00 401	5.00 860					6	

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
5085	4.250	2.00 032	2.00 126	4.00 872					8	GM
2C5085	4.250	2.00 363	2.00 126	4.00 872					8	
2M5085	4.250	2.00 397	2.00 126	4.00 872					8	
2C5086	2.953	1.75 362	2.00 401	3.00 054					4	Audi, Volkswagen
2C5087	3.228	1.20 398	1.20 126	3.00 997					4	GM, Toyota
2C5089	3.386	1.20 398	1.20 126	2.00 993					4	Acura, Honda, Toyota
2C5090	3.484	1.20 398	1.20 126	2.00 991					4	Toyota
2N5090	3.484	1.20 322	1.20 435	2.00 987					4	
2C5091	2.953	1.20 398	1.20 126	2.00 993					4	Toyota
2N5091	2.953	1.20 322	1.20 435	2.00 987					4	
2M5094	3.386	1.50 397	1.50 126	3.00 872					6	Chrysler
2C5095	3.189	1.20 398	1.50 126	2.00 934					4	Volkswagen
5097	3.917	1.50 032	1.50 126	3.00 997					8	Chrysler, Dodge, Jeep
2M5097	3.917	1.50 397	1.50 126	3.00 997					8	
2C5099	3.504	1.20 398	1.20 126	2.50 995					4	Nissan, Suzuki
2C5102	3.438	1/8 362	1/8 126	1/8 126	3/16 501	3/16 501			6	Allis Chalmers, Buda
2C5104	3.208	1.20 398	1.50 126	2.80 997					4	Hyundai
5106	3.438	3/32 032	1/8 126	1/8 126	3/16 860	3/16 501			6	Buda
2C5106	3.438	3/32 362	1/8 126	1/8 126	3/16 860	3/16 501			6	
5107	3.504	1.50 032	1.50 126	3.00 872					6	Ford
2M5107	3.504	1.50 397	1.50 126	3.00 872					6	
2C5109	3.307	1.20 398	1.50 126	2.50 995					6	Suzuki
2C5111	2.953	1.00 398	1.20 126	2.00 993					4	Honda
2C5112	3.760	1.20 398	1.20 126	2.50 995					6	Infiniti, Nissan
2C5114	3.632	1.20 398	1.50 126	2.50 995					6	Ford European
2C5115	3.071	1.20 398	1.50 126	3.00 054					4	Mazda
2C5117	3.500	1/8 362	1/8 126	1/8 126	3/16 860				4	Allis Chalmers, Case, Oliver, Wisconsin
2C5118	2.953	0.80 398	1.00 123	1.50 981					4	Toyota
5119	2.993	1/16 102	1/16 102	1/8 501					2	Triumph
2M5120	3.582	1.50 335	1.50 126	3.00 872					6	Jaguar
5123	3.250	3/32 032	3/32 126	3/32 126	3/16 860				2	Wisconsin
2C5123	3.250	3/32 362	3/32 126	3/32 126	3/16 860				2	
2C5125	3.445	1.20 398	1.50 126	2.50 995					4	Chrysler
2C5127	3.438	3/32 362	3/32 126	3/16 860					6	Hercules
2M5129	4.126	1.20 397	1.20 406	2.00 991					8	GM

443

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
5161	3.740	1.75 032	1.50 126	3.50 058					4	Opel
2C5161	3.740	1.75 362	1.50 126	3.50 058					4	
2C5162	3.504	1.20 398	1.20 126	2.50 995					4	Ford
2C5163	3.425	2.00 362	2.00 126	3.00 054					1	Mercedes Benz
2M5165	3.661	1.20 397	1.50 126	2.50 995					8	Chrysler, Dodge, Jeep
2C5167	3.815	1.20 398	1.20 126	2.50 995					4	Subaru
2M5168	3.445	1.50 397	1.50 126	2.00 993					4	Mazda
2C5169	3.740	1.20 398	1.20 126	2.00 991					6	Mitsubishi
2M5170	4.000	1.20 397	1.50 126	2.50 995					8	GM
5172	3.000	3/32 102	3/32 102	1/8 102	3/16 501				2	Onan
2C5173	3.208	1.20 398	1.20 126	2.50 995					4	Mitsubishi
2C5177	3.012	1.20 398	1.50 401	2.50 995					4	Daewoo, Hyundai, Volkswagen
2C5179	3.425	1.20 398	1.20 126	2.50 995					4	Acura
2C5182	2.992	1.20 398	1.20 126	2.50 995					4	Mitsubishi
2C5183	3.622	1.20 398	1.20 126	3.00 997					6	Lexus, Toyota
2C5184	2.972	1.20 398	1.20 126	2.50 934					4	Kia
2C5185	3.169	1.20 398	1.20 126	2.00 993					4	GM, Opel
2C5186	3.661	1.20 398	1.20 126	2.50 995					8	Infiniti
2C5187	3.953	1.20 398	1.50 126	3.00 054					6	Ford
5188	3.858	1.50 032	1.50 126	2.50 995					8	Infiniti, Nissan
2M5188	3.858	1.50 327	1.50 126	2.50 995					8	
2C5189	2.835	1.20 398	1.20 126	2.50 995					3	Daihatsu, GM
5193	3.438	3/32 032	3/32 126	3/16 501					2	Harley
2C5193	3.438	3/32 362	3/32 126	3/16 860					2	
5194	3.173	1.50 032	1.60 126	2.50 995					4	Ford
2C5194	3.173	1.50 363	1.60 126	2.50 995					4	
2C5196	3.047	1.20 398	1.20 126	2.50 995					4	Hyundai
5200	3.212	1.50 032	1.50 401	3.00 054					4	Opel
2C5200	3.212	1.50 363	1.50 401	3.00 054					4	
5201	3.209	1.50 032	1.50 126	4.00 058					4	Nissan
2C5203	3.346	1.20 398	1.50 126	2.00 993					4	BMW
2C5205	2.704	1.20 398	1.50 401	2.00 989					4	Ford
2M5206	4.250	1.50 336	1.50 126	3.00 872					2	Harley
2C5207	2.642	1.00 398	1.00 123	1.50 981					4	Volkswagen
2C5209	4.000	3/32 363	3/32 126	3/32 126	3/16 860				6	GM

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
732										
2C5211	3.622	1.20 398	1.50 401	2.00 991					8	BMW
				005						
2C5213	4.000	3/32 362	1/8 126	3/16 860					6	Hercules
				732						
2C5215	3.760	1.20 398	1.50 126	2.50 995					5	GM
				732						
2C5218	3.055	1.20 398	1.50 401	2.00 993					4	Opel
				005						
2C5219	3.917	1.20 398	1.20 126	2.00 989					4	Subaru
				732						
2C5221	3.150	1.20 398	1.50 401	2.50 995					6	Kia
				732						
2C5223	3.307	1.20 398	1.20 126	2.00 993					4	Nissan
				005						
2C5225	3.504	1.00 398	1.20 126	1.50 981					6	GM
				005						
2M5227	3.661	1.20 397	1.50 126	2.50 995					6	GM
				732						
2C5228	3.464	1.20 398	1.50 126	2.50 995					4	GM
				732						
2C5236	3.760	1.20 398	1.50 126	2.50 995					4	GM
				732						
2C5239	3.386	1.20 398	1.50 126	2.00 993					6	BMW
				005						
2C5245	3.212	1.50 363	1.50 401	3.00 054					4	GM
				732						
5247	3.169	1.50 032	1.75 401	3.00 054					4	Fiat
				732						
2C5247	3.169	1.50 362	1.75 401	3.00 054					4	
				732						
5248	2.992	1.50 032	1.60 102	2.50 995					4	Ford
				732						
2C5248	2.992	1.50 362	1.60 102	2.50 995					4	
				732						
2C5250	2.638	1.20 398	1.20 126	2.80 999					4	Hyundai
				732						
2C5251	2.835	1.50 363	1.50 126	3.00 054					4	Opel
				732						
2C5252	2.854	1.20 398	1.20 126	2.00 990					4	GM
				732						
2C5253	2.874	1.00 398	1.20 610	2.00 990					4	Honda
				732						
5254	3.169	1.50 032	2.00 126	4.00 056					4	Fiat
				732						
2C5255	3.719	3/32 363	3/32 126	3/32 126	3/16 860				6	GM
					732					
2C5257	3.563	3/32 362	3/32 126	3/32 126	3/16 860				6	GM
					732					
2C5259	2.911	1.20 398	1.50 126	2.00 993					4	Ford European
				732						
2C5260	3.622	1.20 398	1.20 126	2.00 991					6	Hyundai, Kia
				005						
2C5261	3.740	1.20 398	1.20 126	2.00 991					4	Toyota
				005						
2C5263	3.438	3/32 362	1/8 126	3/16 860	3/16 501				6	Hercules, Kermath
				732						
5264	2.815	1.50 032	1.50 126	3.00 054					4	Hyundai
				732						
2C5264	2.815	1.50 362	1.50 126	3.00 054					4	
				732						
2C5265	3.413	1.20 398	1.20 126	2.50 995					6	Hyundai, Kia
				732						
2C5266	2.835	1.20 398	1.20 126	2.00 990					4	Daihatsu, Fiat, Toyota
				732						

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2C5267	3.484	1.00 398	1.00 123	2.00 991					4	Lexus, Toyota
				005						
2C5269	3.212	1.50 363	1.50 401	3.00 997					2	Opel
				732						
2C5270	3.897	1.20 398	1.50 126	2.50 995					6	GM
				732						
2C5273	2.697	1.20 398	1.20 126	2.50 995					1	Daewoo
				732						
2M5275	4.065	1.50 397	1.20 406	2.00 991					8	GM
				005						
2C5276	2.798	1.20 398	1.50 126	2.00 989					4	GM
				732						
5277	3.366	1.75 202	2.00 406	5.00 553					4	Volkswagen
				881						
2C5278	3.543	1.20 398	1.20 126	2.50 995					4	Suzuki
				732						
2C5280	3.563	3/32 362	1/8 126	3/16 860					6	International
				732						
5281	3.386	1.75 032	1.50 126	4.00 058					4	Toyota
				732						
2C5282	3.445	1.20 398	1.20 126	2.00 993					4	Ford, Jaguar, Rover, Volvo
				005						
2N5282	3.445	1.20 326	1.20 126	2.00 993					4	
				005						
2C5283	3.496	1.50 362	1.50 126	3.00 054					6	Opel
				732						
2M5285	3.921	1.20 397	1.50 126	2.50 995					6	GM
				732						
2D5287	3.866	2.50 208	2.00 129	2.50 203					8	Ford
				881						
5289	3.071	1.50 032	1.50 126	3.00 996					6	Mazda
				732						
2C5289	3.071	1.50 363	1.50 126	3.00 996					6	
				732						
2M5292	4.065	1.50 336	1.50 406	2.50 985					8	GM
				732						
2C5293	3.760	1.20 398	1.20 126	2.00 991					6	Infiniti, Nissan
				005						
2C5294	3.012	1.20 398	1.50 401	2.50 995					4	Volkswagen
				732						
2C5296	3.622	1.50 363	1.50 401	2.00 991					8	BMW, Rover
				005						
2M5296	3.622	1.50 335	1.50 126	2.00 991					8	
				005						
2C5297	3.464	1.20 398	1.20 126	2.00 993					4	Chrysler, Hyundai, Jeep, Kia, Mitsubishi
				005						
2C5298	2.638	1.20 398	1.20 126	2.00 989					4	Hyundai
				732						
2N5298	2.638	1.20 322	1.20 435	2.00 987					4	
				714						
2M5299	4.000	1.20 397	1.20 406	2.50 872					2	Harley
				732						
5300	3.169	1.50 032	1.50 401	4.00 058					4	Toyota
				732						
2C5301	3.110	1.20 398	1.50 126	3.00 054					4	GM
				732						
2C5302	3.386	1.20 398	1.50 126	2.00 993					8	Land Rover
				005						
2C5303	3.327	1.20 398	1.20 610	2.00 993					6	Jaguar, Land Rover
				005						
2M5304	3.657	1.50 336	1.75 126	2.50 985					6	Mercedes Benz
				732						
2D5306	4.331	3.50 208	3.00 277	4.00 560					6	Caterpillar
				881						
2N5307	2.843	1.20 326	1.50 410	2.00 993					1	Dacia, Nissan, Renault, Smart
				714						

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2D5308	3.661	2.50 215	2.00 257	3.00 553					4	Ford European, Mazda
				881						
2D5309	3.587	2.00 322	2.00 236	3.00 553					4	Hyundai
				881						
2C5310	3.071	1.20 398	1.20 126	2.50 995					4	Mazda
				732						
2C5311	3.750	3/32 362	3/32 126	3/16 860					1	Kohler
				732						
2N5312	2.933	1.20 322	1.20 275	2.00 990					1	Audi, Seat, Skoda, Volkswagen
				714						
2N5313	2.874	1.00 326	1.20 435	2.00 993					4	Suzuki
				714						
2C5316	3.268	1.20 398	1.20 126	2.50 995					4	Ford
				732						
2C5319	3.875	1/8 372	3/32 126	3/16 860					4	International
				732						
5325	3.582	3.00 032	2.00 126	4.00 553					4	Mercedes Benz
				881						
2M5325	3.582	3.00 345	2.00 126	4.00 553					4	
				881						
2C5343	5.625	1/8 363	1/8 102	1/8 102	1/4 501	1/4 501			1	Buda
					825					
2C5360	3.563	3/32 362	3/32 126	3/16 860					2	Onan
				732						
5364	3.622	2.00 032	2.00 401	4.00 056					4	Subaru, Volkswagen
				732						
2C5364	3.622	2.00 362	2.00 401	4.00 056					4	
				732						
2M5364	3.622	2.00 327	2.00 401	4.00 056					4	
				732						
5373	3.691	1.75 032	2.50 126	4.00 860					4	Mercedes Benz
				732						
2C5373	3.691	1.75 363	2.50 126	4.00 860					4	
				732						
2D5374	3.740	2.30 378	2.00 129	3.50 553					8	Ford
				881						
5376	3.268	2.50 032	2.50 126	3.00 054					2	Kohler
				732						
2M5378	4.055	1.50 397	1.50 406	3.00 054					10	Chrysler, Dodge
				732						
2M5379	4.094	1.20 397	1.20 406	2.00 934					8	Chrysler, Dodge, Jeep
				935						
2M5380	3.780	1.20 397	1.50 126	2.50 934					8	GM
				005						
2M5381	4.065	1.20 397	1.50 406	2.50 985					8	GM
				732						
2C5382	3.248	1.00 398	1.20 126	1.50 981					4	Audi, Volkswagen
				005						
2C5384	3.413	1.20 398	1.20 435	2.00 993					6	Hyundai, Kia
				732						
2C5385	3.248	1.20 398	1.20 126	2.00 993					4	Audi, Seat, Skoda, Volkswagen
				005						
2N5385	3.248	1.20 322	1.20 406	2.00 248					4	
				881						
2C5389	2.815	1.20 398	1.20 435	2.00 993					4	Hyundai, Kia
				005						
2C5391	3.012	1.20 398	1.50 126	2.00 993					4	Audi, Seat, Skoda, Volkswagen
				005						
2N5391	3.012	1.20 322	1.50 126	2.00 987					4	
				714						
2C5392	2.854	1.00 398	1.00 123	2.00 990					4	Toyota
				732						
2C5393	3.071	1.20 398	1.20 126	2.00 990					3	Nissan
				732						
2C5395	3.169	1.20 398	1.00 123	2.00 993					4	Toyota
				005						

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2M5433	4.091	1.50 397	1.20 406	2.00 991					8	Chrysler, Dodge
				732						
2C5438	3.012	1.20 398	1.20 126	2.00 993					4	Audi, Seat, Skoda, Volkswagen
				005						
2N5438	3.012	1.20 322	1.20 126	2.00 993					4	
				005						
5462	3.701	2.00 032	2.50 126	4.00 860					6	Toyota
				732						
2C5462	3.701	2.00 362	2.50 126	4.00 860					6	
				732						
2M5462	3.701	2.00 327	2.50 126	4.00 860					6	
				732						
2C5466	3.750	3/32 362	3/32 126	3/16 860					1	Wisconsin
				732						
5474	3.800	5/64 032	5/64 126	3/16 860					6	GM
				732						
2C5474	3.800	5/64 362	5/64 126	3/16 860					6	
				732						
2M5474	3.800	5/64 327	5/64 126	3/16 860					6	
				732						
5477	3.671	5/64 032	5/64 126	3/16 860					8	GM
				732						
2C5477	3.671	5/64 362	5/64 126	3/16 860					8	
				732						
2M5477	3.671	5/64 327	5/64 126	3/16 860					8	
				732						
2C5480	3.819	3.00 361	3.00 032	3.00 401	5.50 553	5.50 881			2	Ford, Hanomag, Mercedes Benz, Toyota
						501				
2D5480	3.819	3.00 227	3.00 035	3.00 414	5.50 553	5.50 501			2	
5485	4.050	3/32 032	5/64 126	3/16 860					8	Ford
				732						
2C5485	4.050	3/32 363	5/64 126	3/16 860					8	
				732						
2M5485	4.050	3/32 327	5/64 126	3/16 860					8	
				732						
5486	3.543	2.00 032	2.00 126	2.00 126	4.50 860				4	Peugeot
					732					
2D5486	3.543	2.00 362	2.00 126	2.00 126	4.50 553				4	
					881					
5490	3.622	1.75 032	2.50 126	4.00 860					8	Mercedes Benz
				732						
2C5490	3.622	1.75 362	2.50 126	4.00 860					8	
				732						
5497	3.425	1.75 032	2.00 126	4.00 056					4	Saab
				732						
5499	3.736	5/64 032	5/64 126	3/16 860					8	Checker, GM
				732						
2C5499	3.736	5/64 362	5/64 126	3/16 860					8	
				732						
2M5499	3.736	5/64 397	5/64 126	3/16 860					8	
				732						
2M5542	4.165	1/16 336	1/16 126	3/16 622					8	American Motors
				732						
2C5557	4.803	3.50 372	3.00 102	3.00 102	5.50 565				6	Fiat
					881					
SC5558	2.953	1.20 398	1.50 435	2.80 859					4	Honda
				732						
2C5559	3.875	1/8 372	1/8 126	1/8 126	3/16 565				4	International
					881					
5560	3.910	5/64 032	5/64 126	3/16 860					6	Chrysler, Dodge
				732						
2C5560	3.910	5/64 362	5/64 126	3/16 860					6	
				732						
2M5560	3.910	5/64 327	5/64 126	3/16 860					6	
				732						

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
5562	3.543	1.75 032	2.00 401	4.00 860					4	Saab
2C5562	3.543	1.75 362	2.00 401	4.00 860					4	
2C5564	3.582	3.00 362	2.00 126	4.00 553					1	Mercedes Benz
5568	4.082	5/64 032	5/64 126	3/16 860					8	GM
2C5568	4.082	5/64 362	5/64 126	3/16 860					8	
2M5568	4.082	5/64 345	5/64 126	3/16 860					8	
5570	4.000	5/64 032	5/64 126	3/16 860					4	American Motors, GM, Jeep, Mercruiser
2C5570	4.000	5/64 362	5/64 126	3/16 860					4	
2M5570	4.000	5/64 397	5/64 126	3/16 860					4	
5C5572	3.189	1.00 398	1.20 126	2.80 861					4	Honda
5573	3.268	1.50 032	1.50 126	3.00 054					4	Mazda
2C5573	3.268	1.50 376	1.50 126	3.00 054					4	
5586	3.760	5/64 032	5/64 126	3/16 860					6	Chrysler
2C5586	3.760	5/64 362	5/64 126	3/16 860					6	
2C5591	3.405	2.00 362	2.00 401	4.00 056					4	Opel
5594	3.701	1.75 032	2.00 126	4.00 860					4	Volkswagen
2C5594	3.701	1.75 362	2.00 126	4.00 860					4	
5595	3.587	2.00 032	2.00 126	4.00 870					4	Chrysler, Dodge, Mitsubishi
2C5595	3.587	2.00 362	2.00 126	4.00 870					4	
2M5595	3.587	2.00 327	2.00 126	4.00 870					4	
2C5603	4.527	3.50 361	3.00 401	5.50 565					6	Mercedes Benz
2M5612	3.800	5/64 336	5/64 126	3/16 860					6	GM
2M5613	3.779	2.00 336	2.00 126	4.75 860					4	Ford
5614	3.800	5/64 032	5/64 126	3/16 872					8	GM
2M5614	3.800	5/64 327	5/64 126	3/16 872					8	
5615	4.000	5/64 032	5/64 126	3/16 872					8	GM
2C5615	4.000	5/64 362	5/64 126	3/16 872					8	
2M5615	4.000	5/64 397	5/64 126	3/16 872					8	
5616	3.750	5/64 032	5/64 126	3/16 872					8	GM
2C5616	3.750	5/64 362	5/64 126	3/16 872					8	
2M5616	3.750	5/64 327	5/64 126	3/16 872					8	

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
5617	3.736	5/64 032	5/64 126	3/16 860					6	Checker, GM
2C5617	3.736	5/64 362	5/64 126	3/16 860					6	
2M5617	3.736	5/64 397	5/64 126	3/16 860					6	
5618	3.680	5/64 032	5/64 126	3/16 860					8	Ford
2C5618	3.680	5/64 362	5/64 126	3/16 860					8	
2M5618	3.680	5/64 327	5/64 126	3/16 860					8	
5619	3.965	5/64 032	5/64 126	3/16 860					6	GM
2C5619	3.965	5/64 363	5/64 126	3/16 860					6	
2M5619	3.965	5/64 327	5/64 126	3/16 860					6	
5621	4.360	3/32 032	5/64 126	3/16 860					8	Ford
2C5621	4.360	3/32 363	5/64 126	3/16 860					8	
2M5621	4.360	3/32 327	5/64 126	3/16 860					8	
2C5622	4.000	1/8 372	3/32 126	3/16 860					1	Hercules
5623	3.484	2.00 032	2.50 401	4.00 056					4	Toyota
2C5623	3.484	2.00 362	2.50 401	4.00 056					4	
2D5627	3.425	2.50 220	2.00 126	3.00 204					1	Mercedes Benz
5630	4.000	5/64 032	5/64 126	3/16 872					4	American Motors, GM, Jeep
2C5630	4.000	5/64 362	5/64 126	3/16 872					4	
2M5630	4.000	5/64 397	5/64 126	3/16 872					4	
5632	3.504	1.50 032	2.00 126	4.75 860					6	GM, Jeep
2C5632	3.504	1.50 363	2.00 126	4.75 860					6	
2M5632	3.504	1.50 397	2.00 126	4.75 860					6	
2C5633	3.701	2.00 362	2.00 126	4.00 860					4	Peugeot
2D5635	4.016	2.94 379	3.00 225	2.50 035	5.00 553				1	Deutz, Liebherr
2C5637	2.831	1.20 398	1.50 435	2.50 989					4	Ford European, Mazda
2D5643	3.543	2.50 376	2.00 126	4.00 553					4	Toyota
5645	3.622	2.00 032	2.50 126	4.00 870					4	Nissan, Toyota
2C5645	3.622	2.00 362	2.50 126	4.00 870					4	
2M5645	3.622	2.00 327	2.50 126	4.00 870					4	
2D5646	4.016	2.94 379	2.50 035	2.50 414	5.00 553				1	Deutz
2C5647	3.900	5/64 363	5/64 352	5/64 126	3/16 860				8	Ford
5649	3.811	2.00 032	2.00 126	4.00 860					6	Ford
2C5649	3.811	2.00 363	2.00 126	4.00 860					6	
2M5649	3.811	2.00 327	2.00 126	4.00 860					6	

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
5650	3.504	1.50 032	2.00 126	4.75 872					4	GM
2M5650	3.504	1.50 397	2.00 126	4.75 872					4	
5652	3.445	1.50 032	1.50 126	4.00 056					4	Chrysler, Dodge
2C5652	3.445	1.50 363	1.50 126	4.00 056					4	
2M5652	3.445	1.50 327	1.50 126	4.00 056					4	
5653	3.147	1.60 032	2.00 126	4.00 860					4	Ford
2C5653	3.147	1.60 363	2.00 126	4.00 860					4	
2M5653	3.147	1.60 327	2.00 126	4.00 860					4	
5654	3.464	2.00 032	2.00 126	4.00 872					8	GM
2C5654	3.464	2.00 362	2.00 126	4.00 872					8	
2M5654	3.464	2.00 327	2.00 126	4.00 872					8	
2D5655	3.978	3.00 372	2.00 126	4.00 553					8	GM
2C5657	3.622	1.20 398	1.50 401	4.00 056					4	Subaru
2C5659	3.582	2.00 363	2.00 126	4.00 860					1	Continental
5663	4.000	1/16 032	5/64 126	3/16 872					4	American Motors, GM, Jeep
2C5663	4.000	1/16 362	5/64 126	3/16 872					4	
2M5663	4.000	1/16 327	5/64 126	3/16 872					4	
5664	3.386	1.50 032	1.50 435	4.00 058					4	Ford, Kia, Mazda
2C5664	3.386	1.50 362	1.50 435	4.00 058					4	
2M5664	3.386	1.50 397	1.50 435	4.00 058					4	
2N5664	3.386	1.50 322	1.50 126	4.00 987					4	
2D5666	3.587	2.50 370	2.00 370	4.00 204					4	Dodge, Mitsubishi
5667	3.587	1.50 032	1.50 126	4.00 056					4	Chrysler, Dodge, Mazda, Mitsubishi
2C5667	3.587	1.50 363	1.50 126	4.00 056					4	
2C5669	3.438	3/32 362	3/32 126	3/32 126	1/4 860				4	International
5671	2.375	3/32 032	3/32 126	3/16 870					4	Allis Chalmers, Continental, Massey Ferguson
2C5671	2.375	3/32 362	3/32 126	3/16 870					4	
2N5672	2.933	1.00 322	1.20 126	2.00 993					3	Volkswagen
5673	3.504	1.50 032	1.50 126	4.00 056					4	Nissan
2C5673	3.504	1.50 363	1.50 126	4.00 056					4	
2D5674	3.504	2.50 376	2.00 126	4.50 553					4	Nissan
2C5675	2.854	1.20 398	1.50 126	2.00 990					1	Opel, Vauxhall
2N5675	2.854	1.20 322	1.50 126	2.00 990					1	
5678	4.000	1/8 032	1/8 126	1/8 126	3/16 501				1	Le Roi
2C5681	2.835	1.00 398	1.00 123	1.50 981					4	Fiat

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
										005
2C5683	4.500	1/8 363	1/8 126	1/8 126	3/16 501				1	Le Roi
5688	3.680	2.00 032	2.00 126	4.75 860					4	Ford
				732						
2C5688	3.680	2.00 363	2.00 126	4.75 860					4	
				732						
2M5688	3.680	2.00 327	2.00 126	4.75 860					4	
				732						
2C5689	4.000	5/64 362	3/32 126	3/16 860					4	Ford
				732						
5690	3.516	2.00 032	2.00 126	4.75 860					4	Ford
				732						
2C5690	3.516	2.00 362	2.00 126	4.75 860					4	
				732						
2M5690	3.516	2.00 327	2.00 126	4.75 860					4	
				732						
5691	3.582	1.50 032	2.00 126	4.00 860					6	Volvo
				732						
2C5691	3.582	1.50 362	2.00 126	4.00 860					6	
				732						
5692	3.622	1.75 032	2.00 401	4.00 056					4	Volvo
				732						
2C5692	3.622	1.75 363	2.00 401	4.00 056					4	
				732						
2D5693	4.000	5/64 336	5/64 126	7/64 553					8	Ford, International
				881						
5695	3.779	1.75 032	2.00 126	4.00 860					4	Volvo
				732						
2C5695	3.779	1.75 363	2.00 126	4.00 860					4	
				732						
2D5697	4.000	5/64 336	5/64 130	7/64 553					8	Ford, International
				881						
5712	4.000	2.00 032	2.00 126	4.75 871					6	GM
				732						
2C5712	4.000	2.00 362	2.00 126	4.75 871					6	
				732						
2M5712	4.000	2.00 397	2.00 126	4.75 871					6	
				732						
5716	2.972	1.50 032	1.50 126	4.00 058					4	Chrysler, Hyundai, Jeep, Mitsubishi
				732						
2C5716	2.972	1.50 363	1.50 126	4.00 058					4	
				732						
2M5716	2.972	1.50 327	1.50 126	4.00 058					4	
				732						
2M5721	3.625	1/16 327	1/16 126	3/16 860					1	Harley
				732						
2M5722	3.625	5/64 327	5/64 126	3/16 860					1	Harley
				732						
2C5723	2.874	1.00 398	1.00 123	1.50 981					4	Honda
				005						
5738	3.374	2.50 032	2.50 401	4.75 871					6	Nissan
				732						
2C5738	3.374	2.50 362	2.50 401	4.75 871					6	
				732						
2D5741	3.866	2.50 208	2.00 129	3.00 553					8	Ford
				881						
5755	3.150	3.00 102	3.00 401	5.00 501					4	Porsche
2C5760	3.622	1.75 363	2.00 401	3.50 059					8	Mercedes Benz
				732						
5761	3.779	1.50 032	1.50 126	4.00 870					4	Ford, Mazda
				732						
2C5761	3.779	1.50 362	1.50 126	4.00 870					4	
				732						
2M5761	3.779	1.50 327	1.50 126	4.00 870					4	
				732						

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
5762	3.504	1.50 032	1.50 126	4.00 052					6	Ford, Mazda
2C5762	3.504	1.50 363	1.50 126	4.00 052					6	
2M5762	3.504	1.50 397	1.50 126	4.00 052					6	
5782	3.268	2.00 102	2.00 401	4.00 058					6	Jaguar
5800	2.780	1.49 032	1.49 406	4.00 200					4	Rover
2C5802	2.598	1.20 398	1.20 126	2.50 995					4	Hyundai, Kia
5806	3.150	3.00 102	3.00 401	4.75 871					6	Opel
2D5807	3.740	2.30 372	2.00 126	3.00 553					4	Mitsubishi
2C5825	3.228	1.20 398	1.20 126	2.00 993					4	Hyundai, Kia
2C5828	3.110	1.20 398	1.20 126	2.00 993					4	Opel
5838	3.625	1/8 126	1/8 126	3/16 860					1	Cummins
2C5838	3.625	1/8 362	1/8 126	3/16 860					1	
2D5853	3.898	3.00 208	2.00 409	2.50 203					8	Ford
2D5854	3.130	1.75 205	2.00 126	3.00 204					1	Audi, Seat, Skoda, Volkswagen
2C5855	3.110	1.20 398	1.50 126	2.00 990					4	Ford, Ford European
2D5856	2.874	1.50 239	1.50 218	3.00 204					1	BMW, Toyota
2C5858	3.236	2.00 362	2.00 126	3.00 054					4	Citroen, Fiat, Peugeot
2D5858	3.236	2.00 205	2.00 210	3.00 204					1	
2M5860	3.150	2.00 219	2.00 209	3.00 204					1	Opel, Renault, Vauxhall
2C5863	3.512	1.20 398	1.20 126	2.50 995					6	Subaru
2C5868	3.031	2.50 362	2.50 401	4.00 056					4	Volkswagen
2M5872	4.213	2.87 224	2.50 126	3.46 553					6	Cummins, Dodge
2C5877	3.622	1.20 398	1.20 126	2.00 991					6	Subaru
2C5881	3.268	1.50 376	1.50 126	4.00 058					4	Citroen, Peugeot
5897	2.875	1/16 102	1/16 102	1/16 102	5/32 058				4	M.G.
5909	3.250	5/64 032	5/64 401	3/16 860					4	Ford British, Wisconsin
2C5909	3.250	5/64 362	5/64 401	3/16 860					4	
5914	3.250	5/64 032	5/64 401	3/16 860					6	Ford British
5925	3.307	2.00 032	3.00 401	5.00 871					4	Ford European
2C5925	3.307	2.00 362	3.00 401	5.00 871					4	
5928	3.563	1.75 032	1.75 126	4.75 871					4	Rover
2C5928	3.563	1.75 362	1.75 126	4.75 871					4	

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
5957	3.425	5/64 032	5/64 401	5/32 056					6	Jaguar
2C5957	3.425	5/64 362	5/64 401	5/32 056					6	
5960	3.375	3/32 102	3/32 102	3/32 102	3/16 871	3/16 501			4	Rover
2D5966	3.750	3/32 363	1/8 126	1/8 126	3/16 553	3/16 501			6	Volvo
5981	3.188	5/64 032	5/64 401	5/32 860					4	Ford, Ford British
2C5981	3.188	5/64 362	5/64 401	5/32 860					4	
5988	2.913	2.00 102	2.00 401	4.00 058					4	Alfa Romeo
2C5988	2.913	2.00 362	2.00 401	4.00 058					4	
5993	3.346	2.50 032	2.50 401	5.00 871					4	Opel
2C5993	3.346	2.50 362	2.50 401	5.00 871					4	
5994	3.346	2.50 032	2.50 401	5.00 871					6	Opel
2C5994	3.346	2.50 362	2.50 401	5.00 871					6	
6008	2.750	3/32 126	3/32 126	3/16 871					2	Bendix, Onan
6009	2.750	3/32 126	3/32 126	3/32 126	3/16 871	3/16 501			2	Bendix
2C6016	4.125	1/8 372	1/8 170	1/8 170	3/16 565				6	Cummins
6022	3.250	3/32 032	1/8 126	3/16 860					4	Hercules
2C6022	3.250	3/32 362	1/8 126	3/16 860					4	
6081	5.000	3/16 102	3/16 435	3/16 501					1	Fairbanks
6082	5.750	3/16 102	3/16 435	3/16 501					1	Fairbanks
2C6094	4.125	3/32 363	3/32 126	3/16 860					8	Chrysler, Dodge, International, Palmer
2M6094	4.125	3/32 327	3/32 126	3/16 860					8	
6113	3.150	2.00 032	2.50 401	5.00 871					4	Audi
2C6113	3.150	2.00 362	2.50 401	5.00 871					4	
6116	2.835	1.50 032	1.50 126	2.80 859					4	Honda
2C6116	2.835	1.50 362	1.50 126	2.80 859					4	
6117	3.130	1.75 032	2.00 126	5.00 860					4	Volkswagen
2C6117	3.130	1.75 362	2.00 126	5.00 860					4	
6118	3.130	1.75 032	2.50 126	5.00 860					4	Audi, Volkswagen
2C6118	3.130	1.75 362	2.50 126	5.00 860					4	
6119	3.661	2.00 032	2.00 126	4.00 056					4	Porsche, Volkswagen
2C6119	3.661	2.00 362	2.00 126	4.00 056					4	
6121	3.464	2.00 032	2.00 126	2.80 999					1	Honda

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
6127	3.498	1/16 032	1/16 126	3/16 860					2	Harley
2M6127	3.498	1/16 327	1/16 126	3/16 860					2	
6128	2.750	3/16 126	3/16 126	3/16 871					1	Midland
6130	3.500	3/32 032	1/8 126	3/16 860	3/16 501				1	Hercules
2C6130	3.500	3/32 362	1/8 126	3/16 860	3/16 501				1	
6131	2.835	1.50 032	1.50 126	4.00 058					4	Honda
2C6131	2.835	1.50 362	1.50 126	4.00 058					4	
6134	3.031	1.50 032	1.50 401	4.00 058					4	Honda, Mazda
2C6134	3.031	1.50 363	1.50 401	4.00 058					4	
6137	3.307	2.00 032	3.00 401	5.00 871					6	Ford European
2C6137	3.307	2.00 362	3.00 401	5.00 871					6	
6138	4.360	5/64 032	5/64 126	3/16 860					4	Mercuriser
2C6138	4.360	5/64 362	5/64 126	3/16 860					4	
2M6138	4.360	5/64 345	5/64 126	3/16 860					4	
6139	3.401	1.50 032	2.00 401	4.00 860					4	Fiat
2C6139	3.401	1.50 362	2.00 401	4.00 860					4	
6140	3.051	1.50 032	1.50 126	2.80 861					4	Toyota
2C6140	3.051	1.50 363	1.50 126	2.80 861					4	
2C6141	3.150	1.20 398	1.50 126	4.00 056					4	Ford, Mazda
6142	3.386	1.50 032	2.00 126	4.00 056					6	Nissan
2C6142	3.386	1.50 362	2.00 126	4.00 056					6	
6143	3.110	1.50 032	2.00 126	4.00 056					4	Lada
2C6143	3.110	1.50 362	2.00 126	4.00 056					4	
2C6145	3.130	1.75 363	2.00 126	4.00 056					5	Audi, Volkswagen
2C6146	2.992	1.20 398	2.00 401	4.00 056					4	Nissan
6148	3.268	1.50 032	2.00 401	4.00 860					6	Nissan
2C6148	3.268	1.50 362	2.00 401	4.00 860					6	
6149	3.425	1.50 102	1.50 102	4.00 058					4	GM, Isuzu, Nissan
2C6149	3.425	1.50 362	1.50 102	4.00 058					4	
2M6149	3.425	1.50 327	1.50 102	4.00 058					4	
2C6150	3.386	1.50 376	2.00 126	4.00 056					6	Nissan

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
6151	2.992	1.50 032	1.50 126	4.00 058					4	Nissan
2C6151	2.992	1.50 362	1.50 126	4.00 058					4	
2M6151	2.992	1.50 327	1.50 126	4.00 058					4	
6152	3.310	1.50 032	1.50 401	4.00 056					4	GM
2C6152	3.310	1.50 376	1.50 401	4.00 056					4	
6153	2.992	1.50 032	1.50 126	2.80 861					2	Daihatsu, Subaru
2C6153	2.992	1.50 362	1.50 126	2.80 861					2	
2C6154	3.031	1.20 398	1.50 401	4.00 058					4	Mazda
6155	3.150	1.50 032	2.00 126	4.00 058					4	Ford, Mazda
2C6155	3.150	1.50 362	2.00 126	4.00 058					4	
6156	3.327	1.50 032	1.50 126	4.00 056					4	Nissan, Toyota
2C6156	3.327	1.50 363	1.50 126	4.00 056					4	
6157	3.425	2.00 032	2.00 126	4.00 056					4	GM, Isuzu, Mercedes Benz
2C6157	3.425	2.00 362	2.00 126	4.00 056					4	
2M6157	3.425	2.00 327	2.00 126	4.00 056					4	
6162	3.268	1.50 032	1.50 126	4.00 058					6	Nissan, Toyota
2C6162	3.268	1.50 362	1.50 126	4.00 058					6	
2M6162	3.268	1.50 327	1.50 126	4.00 058					6	
6163	2.756	1.50 032	1.50 126	2.80 859					3	Daihatsu
2C6163	2.756	1.50 362	1.50 126	2.80 859					3	
6164	3.497	1/16 032	1/16 126	5/32 860					2	Harley
2M6164	3.497	1/16 327	1/16 126	5/32 860					2	
6165	3.366	1.75 032	2.00 401	5.00 860					4	Volkswagen
2C6165	3.366	1.75 362	2.00 401	5.00 860					4	
6166	3.188	1/16 032	1/16 126	5/32 056					2	Harley
2M6166	3.188	1/16 327	1/16 126	5/32 056					2	
2C6167	3.500	1.75 362	2.00 401	4.00 860					4	Volvo
2C6168	3.500	1.75 362	2.00 401	4.00 860					6	Volvo
6169	3.504	1.50 032	1.50 126	4.75 872					4	GM
2M6169	3.504	1.50 397	1.50 126	4.75 872					4	
2C6170	3.125	1/16 363	1/16 126	5/32 058					2	Kohler
6171	3.346	2.00 032	2.00 126	4.00 058					4	Chrysler, Dodge, Hyundai, Mitsubishi
2C6171	3.346	2.00 362	2.00 126	4.00 058					4	

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
6172	3.173	2.00 032	2.00 401	4.00 056					4	Chrysler, Mitsubishi
2C6172	3.173	2.00 363	2.00 401	4.00 056					4	
2C6173	2.913	1.20 398	1.20 126	2.80 996					4	Honda
2C6174	2.835	1.00 398	1.20 126	2.80 859					4	Honda
6175	3.031	1.50 032	2.00 435	4.00 058					4	Mazda
2C6175	3.031	1.50 363	2.00 435	4.00 058					4	
2N6175	3.031	1.50 322	2.00 435	4.00 058					4	
6177	3.150	1.50 102	1.50 126	4.00 056					4	Honda
2C6177	3.150	1.50 363	1.50 126	4.00 056					4	
6179	2.953	1.50 032	1.50 435	4.00 058					4	Toyota
2C6179	2.953	1.50 363	1.50 435	4.00 058					4	
6180	3.189	1.50 032	1.50 126	2.80 861					4	GM, Toyota
2C6180	3.189	1.50 362	1.50 126	2.80 861					4	
2M6180	3.189	1.50 327	1.50 126	2.80 861					4	
6184	3.250	5/64 032	5/64 126	5/64 126	3/16 860				2	Wisconsin
2C6184	3.250	5/64 362	5/64 126	5/64 126	3/16 860				2	
2C6185	2.697	1.50 362	1.50 126	2.80 859					3	Suzuki
2C6189	3.500	3/32 362	3/32 126	3/16 860					4	Ford
6190	3.248	1.50 032	1.50 126	2.00 934					4	Volkswagen
2C6190	3.248	1.50 363	1.50 126	2.00 934					4	
6192	2.736	1.75 032	2.00 401	4.00 055					4	Audi, Volkswagen
2C6192	2.736	1.75 362	2.00 401	4.00 055					4	
6193	3.338	1.50 032	1.75 126	4.00 056					4	GM
2C6193	3.338	1.50 362	1.75 126	4.00 056					4	
2M6193	3.338	1.50 327	1.75 126	4.00 056					4	
6194	3.504	1.50 032	2.00 126	4.75 872					6	GM, Isuzu, Jeep
2M6194	3.504	1.50 397	2.00 126	4.75 872					6	
6195	2.874	2.00 032	2.00 401	2.80 859					1	Honda
6196	3.425	1.50 032	1.50 126	2.80 861					6	Ford, Infiniti, Nissan
2M6196	3.425	1.50 335	1.50 126	2.80 861					6	
6197	3.071	1.75 032	2.00 401	4.00 860					4	Peugeot
2C6197	3.071	1.75 362	2.00 401	4.00 860					4	
2M6198	3.000	1.50 334	1.50 126	2.80 861					1	Harley

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
6209	3.504	1.50 032	1.50 126	3.00 872					4	GM, Isuzu
2M6209	3.504	1.50 397	1.50 126	3.00 872					4	
6215	3.625	3/32 032	3/32 126	3/16 501					2	Caterpillar, Waukesha
2C6239	3.425	2.00 362	1.50 126	2.80 861					6	Nissan
6240	3.071	1.50 032	1.50 102	2.80 861					6	Nissan
2C6240	3.071	1.50 363	1.50 102	2.80 861					6	
6261	3.250	3/32 032	3/32 126	3/16 860					2	Onan, Wisconsin
2C6286	4.375	3/32 362	3/32 126	3/16 860					6	International
2C6288	4.000	3/32 362	1/8 126	3/16 860	3/16 501				1	Hercules
6302	3.875	3/32 032	3/32 126	3/16 860					8	International, Palmer
2C6302	3.875	3/32 362	3/32 126	3/16 860					8	
2M6302	3.875	3/32 345	3/32 126	3/16 860					8	
6308	4.250	3/32 032	3/32 126	3/32 126	3/16 860				6	GM, Minneapolis Moline
2C6308	4.250	3/32 363	3/32 126	3/32 126	3/16 860				6	
6309	4.500	3/32 032	3/32 126	3/16 860					8	Dodge, International, Palmer
2C6309	4.500	3/32 363	3/32 126	3/16 860					8	
6337	3.500	1/8 032	1/8 126	3/16 860	3/16 501				6	GM
6338	3.563	3/32 032	3/32 126	3/16 860	3/16 501				6	GM
6353	3.875	3/32 032	3/32 126	3/16 860					4	Hercules, International
2C6353	3.875	3/32 362	3/32 126	3/16 860					4	
2C6395	4.250	3/32 363	3/32 126	3/16 860					6	GM
6427	3.500	3/32 032	3/32 126	3/16 501					1	Wisconsin
6457	3.000	1/16 102	1/16 102	3/16 860					2	Harley
6474	3.375	5/64 032	5/64 126	3/16 860					1	Kohler
2C6474	3.375	5/64 362	5/64 126	3/16 860					1	
6482	3.438	1/16 032	1/16 126	3/16 860					2	Harley
2M6482	3.438	1/16 327	1/16 126	3/16 860					2	
2C6500	5.125	5/32 381	5/32 180	5/32 180	1/4 579				6	Cummins
6535	3.250	3/32 032	3/32 401	3/16 860					1	International
2C6535	3.250	3/32 362	3/32 401	3/16 860					1	
2C6581	3.750	3/32 363	1/8 126	3/16 860	3/16 501				1	Case, Hercules, Oliver
6588	3.438	3/32 032	3/32 126	3/16 860					1	Cummins
2C6588	3.438	3/32 362	3/32 126	3/16 860					1	
2C6593	4.125	2.40 362	2.35 126	4.75 860					4	International
6601	4.050	5/64 032	5/64 126	5/64 126	3/16 860				8	Ford

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2M6601	4.050	5/64 345	5/64 126	5/64 126	3/16 732 860				8	
6606	4.250	3/32 032	5/64 126	5/64 126	3/16 732 860				8	GM
2C6606	4.250	3/32 362	5/64 126	5/64 126	3/16 732 860				8	
2M6606	4.250	3/32 345	5/64 126	5/64 126	3/16 732 860				8	
6607	3.875	5/64 032	5/64 126	5/64 126	3/16 732 860				8	Ford
2C6607	3.875	5/64 363	5/64 126	5/64 126	3/16 732 860				8	
6627	3.313	3/32 032	3/32 126	3/16 860 732					1	Harley
2C6638	3.438	5/64 362	5/64 362	3/16 860 732					1	Briggs & Stratton
2C6660	3.875	3/32 362	1/8 126	3/16 860 732					6	Volvo
2C6664	3.750	3/32 362	3/32 032	3/32 126	3/16 860 732				4	Wisconsin
6677	3.438	5/64 032	3/32 126	3/32 126	1/4 860 732				4	Continental, Kohler
2C6677	3.438	5/64 362	3/32 126	3/32 126	1/4 860 732				4	
2M6677	3.438	5/64 327	3/32 126	3/32 126	1/4 860 732				4	
6678	3.438	5/64 032	3/32 126	3/32 126	1/4 860 732				6	Continental
2C6678	3.438	5/64 362	3/32 126	3/32 126	1/4 860 732				6	
6685	3.875	3/32 032	5/64 126	5/64 126	3/16 860 732				8	Ford
2C6685	3.875	3/32 363	5/64 126	5/64 126	3/16 860 732				8	
6686	4.050	3/32 032	5/64 126	5/64 126	3/16 860 732				8	Ford
2C6686	4.050	3/32 363	5/64 126	5/64 126	3/16 860 732				8	
2M6686	4.050	3/32 327	5/64 126	5/64 126	3/16 860 732				8	
2C6709	2.835	2.00 362	2.00 401	4.00 056 732					6	Fiat
6713	3.307	2.00 032	2.00 401	4.50 871 732					4	Peugeot
2C6713	3.307	2.00 362	2.00 401	4.50 871 732					4	
6714	2.874	2.00 032	2.00 401	4.00 058 732					4	Mazda, Mitsubishi, Nissan
2C6714	2.874	2.00 362	2.00 401	4.00 058 732					4	
6717	2.441	2.00 102	2.00 401	4.00 055 732					4	Fiat
2C6717	2.441	2.00 362	2.00 401	4.00 055 732					4	
6726	3.313	5/64 032	5/64 401	3/16 860 732					4	Volvo
6735	3.386	1/16 102	1/16 102	5/32 058 732					4	Triumph
2C6735	3.386	1/16 362	1/16 102	5/32 058 732					4	
6738	3.160	1/16 102	1/16 102	1/16 102	5/32 056 732				4	Austin Rover, M.G.

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
6741	3.031	2.00 102	2.00 435	4.00 055					4	Fiat
2C6741	3.031	2.00 362	2.00 435	4.00 055					4	
6742	2.542	1/16 032	1/16 032	1/16 401	1/8 716				4	Austin Rover, M.G.
2C6742	2.542	1/16 362	1/16 032	1/16 401	1/8 710				4	
6752	2.835	2.00 102	2.00 401	4.00 056					4	Fiat, Mitsubishi, Subaru, Toyota
2C6752	2.835	2.00 362	2.00 401	4.00 056					4	
6757	3.071	2.00 102	2.00 401	4.00 056					6	Fiat
2C6757	3.071	2.00 362	2.00 401	4.00 056					6	
6761	3.150	2.00 032	2.00 401	4.00 056					4	Mazda, Nissan
2C6761	3.150	2.00 362	2.00 401	4.00 056					4	
6772	3.366	2.00 032	3.00 401	5.00 860					4	Ford European
2C6779	2.756	2.00 362	2.00 401	3.50 055					4	Renault
6780	3.031	2.00 102	2.00 435	4.00 056					4	Volkswagen
2C6780	3.031	2.00 362	2.00 435	4.00 056					4	
6781	3.366	2.00 032	2.00 401	5.00 871					4	Volkswagen
2C6781	3.366	2.00 362	2.00 401	5.00 871					4	
6786	3.563	3/32 032	3/32 126	3/32 126	3/16 860	3/16 732			4	Rover
2D6786	3.563	3/32 362	3/32 126	3/32 126	3/16 553	3/16 881			4	
6791	3.688	5/64 032	5/64 126	3/16 860					2	Ford British
2C6791	3.688	5/64 362	5/64 126	3/16 860					2	
6793	3.268	2.00 032	2.00 401	4.00 056					4	Volkswagen
2C6793	3.268	2.00 362	2.00 401	4.00 056					4	
6796	2.559	1.75 102	2.00 401	4.00 055					4	Fiat
2C6796	2.559	1.75 362	2.00 401	4.00 055					4	
6797	2.953	2.00 102	2.00 401	4.00 056					6	Toyota
2C6797	2.953	2.00 362	2.00 401	4.00 056					6	
6800	3.622	5/64 032	5/64 126	3/16 860					6	Jaguar
2C6800	3.622	5/64 362	5/64 126	3/16 860					6	
2C6801	3.248	1.50 362	2.00 401	4.00 056					4	Porsche
6802	2.780	1/16 102	1/16 102	1/16 102	5/32 058				4	Austin Rover, M.G.
2C6802	2.780	1/16 362	1/16 102	1/16 102	5/32 058				4	
6804	3.071	2.00 102	2.50 401	4.00 056					4	Toyota
2C6804	3.071	2.00 362	2.50 401	4.00 056					4	

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
6810	3.500	5/64 032	5/64 401	3/16 860					4	GM, Volvo
2M6810	3.500	5/64 327	5/64 401	3/16 860					4	
6813	2.953	2.00 032	2.00 401	4.00 056					4	Mazda, Nissan, Toyota
2C6813	2.953	2.00 362	2.00 401	4.00 056					4	
6814	3.150	1.50 102	2.00 401	4.00 056					4	Fiat
2C6814	3.150	1.50 362	2.00 401	4.00 056					4	
6817	2.940	1/16 102	1/16 401	5/32 056					6	Triumph
2C6817	2.940	1/16 362	1/16 401	5/32 056					6	
6818	2.953	2.00 032	2.00 401	4.00 856					4	Mazda, Nissan, Toyota
2C6818	2.953	2.00 362	2.00 401	4.00 856					4	
6823	3.248	2.00 032	2.00 401	5.00 871					4	Opel
2C6823	3.248	2.00 362	2.00 401	5.00 871					4	
6825	3.500	5/64 032	5/64 401	3/16 860					6	Volvo
6830	3.433	2.00 032	2.50 401	4.00 860					4	Nissan
2C6830	3.433	2.00 362	2.50 401	4.00 860					4	
6831	3.268	2.00 032	2.00 401	4.00 056					4	Nissan
2C6831	3.268	2.00 362	2.00 401	4.00 056					4	
2C6832	3.346	3.00 362	3.00 032	3.00 401	5.50 860				4	Fiat
2C6834	3.563	1.75 362	1.75 126	4.75 860	4.75 732				4	Rover
6837	3.464	2.00 032	2.00 401	5.00 871					4	Opel
2C6837	3.464	2.00 362	2.00 401	5.00 871					4	
6840	2.900	1/16 102	1/16 401	5/32 058					4	M.G., Triumph
2C6840	2.900	1/16 362	1/16 401	5/32 058					4	
6846	3.386	2.00 032	2.50 401	4.00 860					4	Toyota
2C6846	3.386	2.00 362	2.50 401	4.00 860					4	
6854	3.464	2.00 032	2.50 401	4.00 056					4	Toyota
2C6854	3.464	2.00 362	2.50 401	4.00 056					4	
6856	3.268	2.00 032	2.00 401	4.00 058					6	Nissan, Toyota
2C6856	3.268	2.00 362	2.00 401	4.00 058					6	
6857	3.031	1.75 032	2.00 435	4.00 056					4	Renault
2C6857	3.031	1.75 362	2.00 435	4.00 056					4	
6860	3.071	2.00 032	2.00 401	4.00 055					4	Fiat
2C6860	3.071	2.00 362	2.00 401	4.00 055					4	

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
6861	3.464	2.00 032	2.00 126	2.00 126	4.50 871				4	Peugeot
2C6861	3.464	2.00 362	2.00 126	2.00 126	4.50 871				4	
					732					
2C6864	3.543	2.00 362	2.00 401	5.00 871					4	Citroen, Porsche, Volkswagen
					732					
6870	2.874	1.75 032	2.00 401	4.00 056					4	Renault
					732					
2C6870	2.874	1.75 362	2.00 401	4.00 056					4	
					732					
6871	3.071	2.00 032	2.00 401	4.00 056					4	Nissan
					732					
2C6871	3.071	2.00 362	2.00 401	4.00 056					4	
					732					
6872	3.346	2.00 032	2.00 401	4.00 056					4	Nissan, Subaru, Toyota
					732					
2C6872	3.346	2.00 362	2.00 401	4.00 056					4	
					732					
6873	3.750	5/64 032	5/64 126	3/16 860					4	GM, Vauxhall
					732					
2C6873	3.750	5/64 362	5/64 126	3/16 860					4	
					732					
6874	3.375	5/64 032	5/64 401	3/16 860					4	Vauxhall
					732					
2C6874	3.375	5/64 362	5/64 401	3/16 860					4	
					732					
6876	3.150	2.00 032	2.00 401	4.00 056					6	Toyota
					732					
2C6876	3.150	2.00 362	2.00 401	4.00 056					6	
					732					
2C6880	2.756	2.00 362	2.00 401	4.00 058					4	Mazda
					732					
6886	3.484	2.00 032	2.50 401	4.00 860					4	Toyota
					732					
2C6886	3.484	2.00 362	2.50 401	4.00 860					4	
					732					
6893	2.718	1/16 102	1/16 102	5/32 058					4	M.G.
					732					
6899	3.346	1.50 032	1.50 126	4.00 056					4	Chrysler, Dodge, Ford British, Mitsubishi, Nissan, Toyota
					732					
2C6899	3.346	1.50 362	1.50 126	4.00 056					4	
					732					
2M6899	3.346	1.50 327	1.50 126	4.00 056					4	
					732					
2C6910	3.750	1/8 372	1/8 170	3/32 126	3/16 860				6	Hercules
					732					
6912	3.313	5/64 032	3/32 126	3/32 126	1/4 860				6	Continental
					732					
6938	2.795	1/16 102	1/16 102	1/8 501					2	Triumph
2C6938	2.795	1/16 362	1/16 102	1/8 501					2	
6939	2.953	1/16 102	1/16 102	1/8 501					2	Bsa
6941	3.110	1/16 102	1/16 102	1/8 870					1	Bsa
					732					
6942	2.638	1/16 102	1/16 102	1/8 501					1	Bsa, Triumph
					826					
2C6942	2.638	1/16 362	1/16 102	1/8 501					1	
					826					
6948	3.188	1/16 102	5/32 860						1	Harley
					732					
6949	3.250	1/16 102	5/32 860						1	Harley
					732					
6950	3.313	1/16 102	5/32 860						1	Harley
					732					
6953	3.188	1/16 102	1/16 102	5/32 860					1	Harley
					732					
6954	3.250	1/16 102	1/16 102	5/32 056					1	Harley
					732					
6955	3.313	1/16 102	1/16 102	5/32 860					1	Harley

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
					732					
2M6958	3.625	1/16 327	1/16 126	5/32 860					1	Harley
					732					
6962	3.563	5/64 032	5/64 126	3/16 860					1	Briggs & Stratton, Onan
					732					
7001	3.563	1/16 102	1/16 102	5/32 056					1	Harley
					732					
7002	3.500	1/16 102	1/16 102	5/32 056					1	Harley
					732					
7003	3.188	1/16 102	1/16 102	3/16 860					2	Harley
					732					
2M7003	3.188	1/16 327	1/16 126	3/16 860					2	
					732					
2C7012	4.400	1/8 372	3/32 126	3/32 126	3/16 565				6	Ford, John Deere
					881					
2C7014	4.400	1/8 372	3/32 126	3/16 565					6	Ford
					881					
2C7021	4.400	1/8 372	3/32 126	3/16 565					2	Ford
					881					
7024	3.313	1/16 102	1/16 102	3/16 860					2	Harley
					732					
2D7052	4.016	3.50 378	2.50 277	4.00 553					1	Mercedes Benz
2D7054	4.173	3.50 378	2.50 277	4.00 553					1	Mercedes Benz
2D7087	5.000	3.50 378	2.39 135	3.50 553					1	Doosan, Scania
2D7095	4.101	2.50 363	2.50 035	2.50 035	6.00 200	6.00 501			1	Daf
2D7096	5.039	3.00 213	3.00 349	4.00 553					1	Mercedes Benz
2D7097	3.228	2.00 376	2.00 414	2.00 553					1	Alfa Romeo, Fiat
2D7098	4.016	3.00 250	2.50 035	4.00 553						Man
2D7099	4.213	3.50 378	2.50 130	3.50 553					1	Volvo
2D7101	2.740	2.00 205	1.50 206	2.00 248					1	Fiat, Opel, Subaru, Suzuki, Vauxhall
					881					
2D7104	3.248	2.50 211	2.00 210	3.00 204					1	Ford, Ford European
					881					
2C7106	3.563	3/32 362	3/32 126	3/32 126	3/16 501				4	Ford
					825					
2C7113	4.000	3/32 362	3/32 126	3/32 126	1/4 860	1/4 501			2	John Deere
					732					
2C7114	3.688	1/8 394	1/8 126	1/4 860					2	International
					732					
2C7118	3.875	3/32 363	3/32 126	3/32 126	3/16 501				2	John Deere
					825					
7119	3.500	3/32 032	3/32 126	3/32 126	3/16 860				4	John Deere
					732					
2C7119	3.500	3/32 362	3/32 126	3/32 126	3/16 860				4	
					732					
2C7122	4.250	3/32 363	3/32 126	3/32 126	1/4 860				4	Case
					732					
7123	3.500	3/32 032	3/32 126	3/32 126	1/4 860				4	Case
					732					
2C7123	3.500	3/32 362	3/32 126	3/32 126	1/4 860				4	
					732					
2C7124	4.125	3/32 362	3/32 126	3/32 126	1/4 860				6	Case, GM
					732					
2C7125	3.877	3/32 362	3/32 126	3/32 126	3/16 565				4	Allis Chalmers
					881					
2C7133	3.248	2.50 238	2.00 218	3.00 204					1	Ford European
					881					
2C7134	3.813	1/8 372	3/32 126	3/16 860					4	Case
					732					
2C7136	3.563	3/32 362	3/32 126	3/32 126	3/16 501	3/16 501			6	Allis Chalmers
					825					
2D7138	3.465	2.50 221	2.00 206	2.50 204					1	Fiat, Iveco
					881					
2C7139	3.750	3/32 363	3/32 126	3/32 126	1/4 860				6	Oliver
					732					
7140	3.601	3/32 103	3/32 103	1/8 103	1/4 502	1/4 502			1	Massey Ferguson, Perkins
2C7143	4.438	3/32 363	1/8 126	1/8 126	3/16 501	3/16 565			1	Buda
						881				

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2C7144	3.375	3/32 362	3/32 126	3/16 860					4	International
				732						
2D7145	3.386	2.50 211	2.00 210	3.00 204					1	Ford European
				881						
2C7148	3.012	1.75 215	2.00 209	3.00 204					1	Audi, Volkswagen
				881						
2C7153	3.625	3/32 362	3/32 126	3/32 126	3/16 501				6	Ford
					825					
2C7155	3.625	3/32 362	3/32 126	3/16 501					4	John Deere
				825						
2M7157	3.268	3.50 224	2.00 202	3.00 204					1	Citroen, Fiat, Peugeot, Suzuki
				881						
2C7158	3.875	3/32 363	3/32 126	3/16 860					2	John Deere
				732						
2D7167	3.307	1.75 205	1.75 218	3.00 204					1	Opel, Vauxhall
				881						
7173	5.320	3/32 102	3/32 102	3/32 401	3/16 860				6	Minneapolis Moline
					732					
2C7174	3.877	3/32 362	3/32 126	3/32 126	3/16 565				6	Allis Chalmers
					881					
2C7175	4.000	3/32 363	3/32 126	3/32 126	3/16 860				4	Ford
					732					
2D7176	3.346	3.50 213	2.00 210	3.00 204					1	Citroen, Fiat, Ford European, Peugeot
				881						
2C7179	3.875	3/32 363	3/32 126	3/16 860					6	Oliver
				732						
2C7180	4.400	3/32 362	3/32 362	3/32 126	3/16 565				3	Ford
					881					
2C7181	4.200	3/32 362	3/32 126	3/16 860					3	Ford
				732						
2C7182	4.200	3/32 362	3/32 362	3/32 126	3/16 565				1	Ford
					881					
2C7183	4.400	3/32 362	3/32 126	3/16 565					3	Ford
				881						
2D7188	3.756	2.50 110	2.00 435	3.00 203					4	Isuzu
				881						
2C7193	3.813	1/8 362	3/32 126	1/4 860					6	International
				732						
2C7194	3.386	1.20 398	1.20 126	2.00 248					4	Toyota
				881						
2C7195	6.250	1/8 363	3/32 349	1/4 565					2	Caterpillar
				881						
2C7197	3.875	1/8 372	1/8 126	1/8 126	3/16 565				6	International
					881					
2C7201	3.877	3/32 362	3/32 126	3/32 126	1/4 501	1/4 501			4	Allis Chalmers
					825					
2C7207	3.375	3/32 362	1/8 126	1/8 126	1/4 860				4	Continental, Massey Ferguson
					732					
2C7210	4.400	3/32 362	3/32 362	3/32 126	3/16 565				4	Ford
					881					
2C7215	3.031	1.75 362	2.00 435	4.00 056					4	Citroen
				732						
2C7220	3.813	1/8 362	3/32 126	1/4 860					4	International
				732						
2D7225	3.756	2.00 232	1.50 435	3.00 203					4	Isuzu
				881						
7228	2.953	1.50 032	1.50 435	4.00 056					4	Opel, Peugeot
				732						
2D7228	2.953	1.50 363	1.50 435	4.00 553					4	
				881						
2C7236	4.250	3/32 363	3/32 126	3/16 860					2	John Deere
				732						
2D7239	3.071	1.75 362	2.00 401	3.00 553					4	Peugeot
				881						

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2C7243	3.877	3/32 362	3/32 126	3/32 126	1/4 871 732				4	Massey Ferguson, Perkins
2D7246	4.219	3/32 362	3/32 362	3/32 126	3/16 553 881				2	Ford
2D7254	2.953	3.00 213	1.95 202	2.50 204 881					1	Citroen, Fiat, Ford European, Peugeot
2C7258	3.937	2.50 362	2.50 126	4.00 553 881					1	Perkins
2D7259	3.228	3.00 221	2.00 209	3.00 204 881					1	Fiat
2C7264	3.819	2.50 361	2.50 126	4.00 553 881					2	Mercedes Benz
2D7270	2.902	2.50 213	1.95 209	2.50 248 881					1	Citroen, Ford European, Mazda, Peugeot, Toyota
2C7275	3.425	1.50 362	2.50 401	4.00 056 732					4	Mercedes Benz
2D7276	4.016	3.00 208	2.39 129	4.00 553 881					6	Cummins, Dodge
2D7277	3.661	2.00 326	1.50 236	2.00 203 881					4	Ford, Mazda
2D7279	3.307	3.00 221	2.00 406	3.00 203 881					1	BMW, Rover
2D7282	3.189	1.75 205	2.00 130	3.00 204 881					1	Audi, Skoda, Volkswagen
2D7284	3.083	1.75 205	2.00 214	3.00 204 881					1	Audi, Skoda, Volkswagen
2C7288	3.307	2.50 217	2.00 210	3.00 204 881					1	BMW
2D7290	3.307	2.00 205	1.75 218	3.00 204 881					1	Opel, Vauxhall
2D7291	3.465	2.50 212	2.00 229	3.00 204 881					1	Dodge, Mercedes Benz
2C7292	3.504	2.50 244	2.00 229	3.00 204 881					1	Mercedes Benz, Ssangyong
2D7296	2.992	2.00 212	2.00 214	2.50 248 881					1	Nissan, Renault
2M7298	3.425	2.50 220	1.75 209	2.50 204 881					1	Renault
2D7299	3.307	3.00 221	2.00 210	2.00 248 881					1	BMW
2D7306	3.622	2.00 276	1.50 264	3.00 203 881					4	Toyota
2D7307	3.780	2.50 385	2.00 135	2.00 203 881					4	Nissan
2D7308	3.307	2.00 255	2.00 126	2.00 553 881					1	Citroen, Jaguar, Land Rover, Peugeot
2D7309	3.780	2.50 211	2.00 257	3.00 203 881					4	Nissan
2D7310	3.780	2.00 211	2.00 415	3.00 553 881					4	Toyota
2M7328	3.504	3.00 228	1.75 218	2.50 204 881					1	Nissan, Opel, Renault, Vauxhall
2D7329	3.386	2.50 212	2.00 202	3.00 204 881					1	Mercedes Benz
2C7330	3.779	2.00 232	1.50 218	3.00 204 881					1	Toyota
2M7332	3.150	2.50 220	2.00 209	3.00 204 881					1	Nissan, Renault
2C7333	3.228	1.75 362	2.00 401	4.00 056 732					4	Renault, Volkswagen
2M7338	3.587	2.50 243	2.00 235	4.00 204 881					1	Hyundai, Mitsubishi
2C7340	3.228	2.50 217	2.00 210	2.00 248 881					1	Alfa Romeo, Fiat
2D7343	3.307	2.50 211	2.00 210	2.00 248 881					1	Nissan, Opel, Renault, Vauxhall

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2D7347	3.772	2.50 221	2.00 206	2.50 204					1	Fiat, Iveco
2M7349	3.425	3.00 228	1.75 209	2.50 204					1	Nissan, Opel, Renault, Vauxhall
2D7351	3.268	3.00 221	2.00 202	3.00 204					1	Citroen, Fiat, Lada, Peugeot, Suzuki
2D7352	3.150	2.00 212	2.00 209	3.00 204					1	Mercedes Benz
2C7353	3.716	3.00 225	2.00 209	3.00 204					1	Fiat, Iveco, Opel, Peugeot, Renault, Vauxhall
2D7355	3.228	3.00 221	2.00 210	3.00 204					1	Alfa Romeo, Fiat
2C7356	3.622	2.00 232	2.00 218	4.00 204					1	Toyota, Volkswagen
2C7357	3.150	3.00 225	2.00 210	3.00 204					1	BMW
2D7359	3.622	2.00 376	1.50 363	3.00 203					4	Toyota
2C7361	3.583	2.50 211	2.00 209	3.00 204					1	Hyundai
2C7362	3.701	3.00 225	2.00 210	4.00 204					1	Vm Motori
2D7365	3.386	2.00 212	2.00 210	3.00 204					1	Ford European
2D7366	3.228	2.00 205	2.00 214	2.00 248					1	Alfa Romeo, Fiat, Opel, Saab, Vauxhall
2D7367	3.268	2.00 240	2.00 126	2.00 248					1	Dodge, Mercedes Benz
2D7368	3.539	2.50 211	2.00 229	3.00 204					1	Ford European
2D7374	3.307	2.50 205	2.00 202	2.00 248					1	BMW
2D7376	3.307	2.50 241	1.75 218	3.00 204					1	Opel, Vauxhall
2D7377	3.539	2.00 205	2.00 234	2.00 248					1	Ford European, Rover
2M7379	3.587	2.50 231	2.00 236	4.00 204					1	Hyundai, Mitsubishi
2M7382	3.268	2.00 220	2.00 126	2.00 248					1	Dodge, Jeep, Mercedes Benz
7384	3.661	2.00 252	2.00 218	4.00 200					1	Isuzu, Opel, Vauxhall
2C7384	3.661	2.00 217	2.00 218	4.00 204					1	
2C7401	3.823	2.00 232	2.00 209	3.00 204					1	Hyundai
2D7412	3.150	2.50 205	2.00 210	3.00 204					1	BMW
2M7423	3.504	2.50 230	1.75 209	2.50 204					1	Nissan, Renault
2C7424	3.110	2.00 217	1.50 218	3.00 204					1	Isuzu
2C7425	3.346	2.00 225	2.00 210	3.00 204					1	Honda
2C7428	3.236	2.00 226	1.50 218	3.00 204					1	Toyota
2D7431	2.953	2.50 271	1.95 406	2.00 248					4	Citroen, Ford European, Peugeot, Toyota, Volvo
2C7432	2.500	1.20 398	1.50 126	2.50 995					3	Mercedes Benz, Smart
2N7434	2.618	1.20 322	1.20 406	2.50 987					3	Smart
2D7435	3.268	2.00 239	2.00 123	3.00 204					1	Audi, Citroen, Fiat, Hyundai, Lada, Peugeot, Suzuki, Volkswagen
2D7436	4.016	3.00 220	2.50 223	4.00 553					1	Mercedes Benz

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2C7437	3.740	3.00 232	3.00 206	3.00 210	5.00 204 881				1	Renault
2D7440	3.268	2.00 255	1.75 123	2.00 248 881					4	Jeep, Mercedes Benz
2N7442	3.579	1.50 326	1.75 406	3.00 203 881					4	Mercedes Benz, Ssangyong
2D7448	2.579	1.50 201	1.50 202	2.50 248 881					1	Mercedes Benz
2C7449	3.716	3.00 225	2.00 210	2.50 204 881					1	Citroen, Fiat, Iveco, Peugeot, Renault
2M7450	3.716	2.50 233	2.00 210	2.50 204 881					1	Citroen, Fiat, Iveco, Opel, Peugeot, Renault, Vauxhall
2D7451	3.386	2.00 212	2.00 210	2.00 248 881					1	Ford European
2C7454	3.587	2.00 226	2.00 218	4.00 204 881					1	Hyundai, Mitsubishi
2D7455	3.307	2.50 241	2.00 214	3.00 204 881					1	Hyundai
2C7456	4.527	3.00 370	2.50 401	4.00 553 881					4	Isuzu
2C7458	3.622	2.50 225	2.00 210	4.00 204 881					1	Alfa Romeo, Chrysler, Ford Opel, Rover, Vauxhall, Vm Motori
2C7465	3.386	2.00 226	1.50 218	2.00 248 881					1	Toyota
2D7468	3.268	2.00 213	2.00 223	3.00 204 881					1	Hyundai, Kia
2D7473	4.500	1/8 220	7/64 553 881						1	Caterpillar, Ford
2D7476	3.189	2.50 212	2.00 130	3.00 204 881					1	Audi, Volkswagen
2D7484	4.016	3.00 208	3.00 170	4.00 553 881					1	Cummins
2C7487	3.189	1.75 363	2.00 130	2.00 203 881					1	Audi, Seat, Skoda, Volkswagen
2D7492	3.823	2.50 211	2.00 209	3.00 204 881					1	Hyundai
2D7493	4.500	1/8 224	1/8 170	7/64 553 881					1	Caterpillar
2D7495	3.425	2.50 222	2.00 214	3.00 204 881					1	Hyundai
2C7498	3.394	2.50 227	2.00 202	3.00 204 881					1	Ssangyong
2C7501	3.438	3/32 362	3/32 126	3/16 860 732					4	Ford
2C7503	3.500	3/32 362	3/32 126	3/32 126	1/4 860 732				4	International, Oliver
2C7505	3.188	3/32 362	3/32 126	5/32 056 732	5/32 501				4	Ford
2C7513	3.563	1/8 362	1/8 126	1/8 126	3/16 501 825	3/16 501			6	Allis Chalmers, Buda
2D7518	4.016	2.40 205	2.35 135	4.00 553 881					1	Cummins
2D7522	3.583	2.50 211	2.00 257	3.00 203 881					4	Hyundai, Kia
2D7524	4.500	3/32 215	3/32 135	3/16 553 881					1	Caterpillar
2D7528	3.268	1.50 239	1.50 406	2.00 553 881					4	Alfa Romeo, Chrysler, Fiat, Opel, Saab, Suzuki, Vauxhall
2D7531	3.504	2.00 389	2.00 135	3.00 203 881					4	Nissan
2D7534	3.268	1.75 239	2.00 123	3.00 204 881					6	Audi, Volkswagen
2D7536	3.375	1/8 362	1/8 126	1/8 126	1/4 553 881				4	Case, Continental
7537	3.313	3/32 032	3/32 126	5/32 860 732	5/32 501				4	Ferguson, Massey Ferguson

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2C7538	3.248	2.00 217	2.00 218	3.00 204					1	Ford European, Mazda
2D7540	3.110	2.00 276	2.00 236	3.00 203					4	Opel, Vauxhall
2C7543	3.125	1/8 362	1/8 126	1/8 126	1/4 860				4	International
2D7545	3.189	2.00 255	1.75 123	3.00 553					5	Volvo
2C7547	3.563	3/32 362	3/32 126	3/32 126	1/4 860				4	International
2D7549	3.346	2.50 273	2.00 126	2.00 248					4	Citroen, Ford European, Jaguar, Mitsubishi, Peugeot, Rover
2C7553	4.125	3/32 363	1/8 126	1/8 126	3/16 860				4	Allis Chalmers, International
2C7558	3.375	3/32 362	3/32 126	3/32 126	1/4 860				4	Case, International
2C7564	3.188	3/32 362	3/32 126	3/32 126	3/16 860				4	International
2C7567	3.625	1/8 362	1/8 126	1/8 126	3/16 860				4	Minneapolis Moline
2C7578	3.313	1/8 362	1/8 126	1/8 126	3/16 860				4	Continental, Ferguson, Massey Ferguson
2C7580	4.125	3/32 363	3/32 126	3/32 126	1/4 860				4	Allis Chalmers, Case, International
2C7581	3.625	3/32 362	3/32 126	3/32 126	3/16 860				4	Case, John Deere, Minneapolis Moline, Oliver
7582	3.250	3/32 032	3/32 126	5/32 860	5/32 501				4	Ferguson, Massey Ferguson
2C7582	3.250	3/32 362	3/32 126	5/32 860	5/32 501				4	
7584	3.250	3/32 032	3/32 126	3/32 126	3/16 860				4	International
2C7584	3.250	3/32 362	3/32 126	3/32 126	3/16 860				4	
2C7585	3.438	3/32 362	3/32 126	3/32 126	3/16 860	3/16 501			4	International
7593	3.625	3/32 032	3/32 126	3/32 126	3/16 860				4	Allis Chalmers, Case
2C7593	3.625	3/32 362	3/32 126	3/32 126	3/16 860				4	
2C7642	5.875	1/8 362	1/8 102	1/8 102	1/8 102	1/4 501			2	John Deere
2C7647	3.875	3/32 363	3/32 126	3/32 126	1/4 860				4	International
2C7654	4.000	3/32 362	3/32 126	3/32 126	1/4 860				2	International, John Deere
2C7656	4.000	3/32 362	3/32 126	3/32 126	1/4 860				6	Case
7659	3.625	1/8 032	1/8 126	1/8 126	3/16 860				4	Case
2C7659	3.625	1/8 362	1/8 126	1/8 126	3/16 860				4	
7663	3.625	3/32 032	3/32 126	3/32 126	3/16 860				4	Case, Waukesha
2C7666	4.000	3/32 362	1/8 126	1/8 126	1/4 860				4	Case
2C7669	3.750	1/8 362	1/8 126	1/8 126	3/16 860				4	Buda, Hercules, John Deere Minneapolis Moline, Oliver,
2C7671	3.375	3/32 362	3/32 126	3/32 126	3/16 860				4	Continental, Ferguson, Massey Ferguson
2C7673	3.900	3/32 363	3/32 126	3/16 860					4	Ford
2C7674	6.125	1/8 362	1/8 102	1/8 102	1/8 102	1/4 501	1/4 501		2	John Deere
2C7675	4.250	3/32 363	3/32 126	3/32 126	1/4 860				2	John Deere

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2C7677	3.625	3/32 362	3/32 126	3/32 126	1/4 860 732				4	International
2C7681	3.438	3/32 362	3/32 126	3/32 126	1/4 860 732				4	International
2C7687	3.563	3/32 362	3/32 126	1/4 860 732					6	International
7689	3.250	3/32 032	3/32 126	3/16 860 732					4	International
2C7689	3.250	3/32 362	3/32 126	3/16 860 732					4	
2C7690	6.125	5/32 381	1/8 102	1/8 102	1/8 102	1/4 501 825	1/4 501		2	John Deere
2C7696	3.125	3/32 362	3/32 126	1/4 860 732					4	International
2C7698	3.188	3/32 362	3/32 126	1/4 860 732					4	International
2C7702	3.750	3/32 363	3/32 126	3/32 126	3/16 860 732				6	Allis Chalmers, Oliver
2C7703	3.875	3/32 363	3/32 126	3/32 126	3/16 860 732				6	Allis Chalmers, Oliver
7705	3.438	3/32 032	3/32 126	3/32 126	3/16 860 732				4	Allis Chalmers, Case
2C7705	3.438	3/32 362	3/32 126	3/32 126	3/16 860 732				4	
7707	2.000	3/32 102	3/32 401	3/16 501					4	John Deere
2C7724	3.125	3/32 362	3/32 126	3/32 126	1/4 860 732				4	International
2C7731	5.500	3/16 362	3/16 102	3/16 401	3/16 401	3/16 501 825			2	John Deere
2C7733	4.500	3/16 362	3/16 102	3/16 102	3/16 501 825				2	John Deere
2C7742	3.563	1/8 362	1/8 126	1/8 860 732	1/4 501				2	John Deere
2C7745	3.625	1/8 362	1/8 126	1/8 126	3/16 860 732				4	Minneapolis Moline
2C7747	3.750	1/8 362	1/8 126	1/8 126	1/4 860 732				6	Oliver, Waukesha
2C7758	3.000	1/8 362	1/8 126	1/8 126	3/16 871 732				4	Continental, International
7762	3.375	1/8 032	1/8 126	1/8 126	3/16 860 732				4	Allis Chalmers, Continental, Ferguson, Massey Ferguson
2C7762	3.375	1/8 362	1/8 126	1/8 126	3/16 860 732				4	
2C7771	4.000	5/32 362	5/32 102	1/8 401	1/4 860 732				2	John Deere
2C7778	4.500	1/8 362	1/8 126	1/8 126	1/4 501 825	3/16 501			4	Case
2C7784	5.750	1/8 362	1/8 102	1/8 102	1/8 102	1/8 102	1/4 710 732 825	1/4 501	2	John Deere
7785	3.250	3/32 032	3/32 126	3/16 860 732					1	Onan, Wisconsin
2C7785	3.250	3/32 362	3/32 126	3/16 860 732					1	
2C7789	3.250	1/8 362	1/8 126	1/8 126	3/16 860 732				4	Case, Continental, Ferguson, Massey Ferguson
2C7790	3.438	3/32 362	3/32 126	1/8 126	1/4 860 732				4	International
2C7794	4.125	3/32 363	3/32 126	1/8 126	1/4 860 732				4	Allis Chalmers, International
2C7795	4.000	3/32 363	3/32 126	3/32 126	1/4 860 732				4	Case, International, Massey Ferguson
2C7796	4.000	3/32 362	3/32 126	3/32 126	1/4 860 732	1/4 501			4	International
2C7799	3.125	3/32 362	3/32 126	3/32 126	3/16 860 732				4	International

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2D7802	3.878	2.30 208	1.50 257	3.00 203	881				4	Mitsubishi
2D7803	3.325	3.00 378	2.00 406	3.00 553	881				1	Honda, Rover
2D7809	3.386	2.00 385	2.00 135	3.00 203	881				4	Nissan
2D7810	3.268	2.00 227	2.00 123	3.00 203	881				4	GM, Opel, Vauxhall
2D7811	3.346	2.50 274	1.50 406	2.00 203	881				4	Honda
2D7816	3.307	1.75 322	1.75 406	2.00 248	881				1	BMW, Ford
2D7821	3.039	1.75 326	1.75 257	3.00 203	881				4	Hyundai
2D7827	3.189	2.00 255	1.75 275	2.00 203	881				5	Volvo
2D7834	3.189	2.50 255	2.50 123	3.00 553	881				5	Volkswagen
2D7836	2.740	1.50 239	1.50 123	2.00 248	881				4	Fiat, Opel
7843	3.250	1/8 032	1/8 126	3/16 860	732				2	Hercules, John Deere
2C7843	3.250	1/8 362	1/8 126	3/16 860	732				2	
2C7844	3.500	1/8 362	1/8 126	3/16 860	732				2	John Deere
7859	2.625	3/32 102	3/32 126	3/16 871	732				4	Continental, Hercules, International, Kohler
2C7859	2.625	3/32 362	3/32 126	3/16 871	732				4	
7868	3.250	1/8 032	1/8 126	1/8 126	3/16 860	732			1	Wisconsin
7887	2.500	3/32 126	3/32 126	1/8 126	3/32 126	1/8 126			1	Bendix
7888	2.625	3/32 126	3/32 126	3/16 501					1	Bendix
2C7940	5.500	1/8 362	1/8 102	1/8 102	1/4 501	1/8 102	1/4 501		2	John Deere
					825					
2C7941	3.688	3/32 363	3/32 102	3/32 126	3/16 860	732			4	Case
2C7945	3.625	3/32 362	3/32 126	3/16 860	732				6	Ford
2C7997	4.000	3/32 363	3/32 126	1/8 126	1/4 860	732			4	Case, International, Massey Ferguson
2C7998	6.000	1/8 362	1/8 102	1/8 102	1/4 401	1/8 501	1/4 501		2	John Deere
2C7999	3.900	3/32 363	3/32 126	3/32 126	3/16 501	3/16 501			4	Ford
					825					
8266	2.063	1/8 401	1/8 401	1/8 401	1/8 401				2	Bendix
SC8513	3.307	1.00 398	1.20 126	2.80 861	732				4	Honda
9100	3.543	2.00 032	3.00 126	4.00 860	732				6	Ford
9101	3.310	2.00 032	2.00 401	4.00 056	732				4	Opel
2C9101	3.310	2.00 362	2.00 401	4.00 056	732				4	
2C9340	3.346	1.50 362	2.00 401	3.00 054	732				4	Lada
2D9349	3.661	2.50 335	2.00 126	4.00 553	881				4	Citroen, Peugeot
2C9356	2.835	1.50 362	2.00 401	3.00 054	732				4	Citroen, Peugeot
2M9365	3.090	1.50 327	1.50 126	3.00 054	732				4	Citroen
2C9369	3.090	1.20 398	1.50 126	2.50 934	732				4	Peugeot
2C9372	2.953	1.75 362	2.00 401	3.00 054	732				4	Citroen, Peugeot

PART NUMBER	CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	NO OF CYL	POPULAR APPLICATIONS
2C9377	3.228	1.50 362	2.00 126	4.00 058					4	Lada
										732
2D9384	3.661	3.00 376	2.00 401	4.00 200					4	Alfa Romeo, Fiat, Renault
										881
2C9502	3.188	1/16 363	5/64 126	5/32 860					4	Ford British
										732
2M9502	3.188	1/16 336	5/64 126	5/32 860					4	
										732
2C9503	2.913	1.50 362	2.00 401	4.00 058					2	Citroen
										732
9505	3.405	2.00 032	2.00 126	2.50 126	4.00 860				6	Mercedes Benz
										732
2C9505	3.405	2.00 362	2.00 126	2.50 126	4.00 056				6	
										732
2C9506	3.425	3.00 363	2.00 401	4.00 056					4	Mercedes Benz
										732
9514	3.386	1.50 032	2.00 435	4.00 056					4	Fiat
										732
2C9514	3.386	1.50 362	2.00 435	4.00 056					4	
										732
9516	3.307	1.50 102	2.00 401	4.00 056					4	Fiat, Peugeot
										732
2C9516	3.307	1.50 362	2.00 401	4.00 056					4	
										732
9519	3.150	1.50 032	1.75 401	4.00 056					4	Alfa Romeo
										732
2C9519	3.150	1.50 362	1.75 401	4.00 056					4	
										732
2C9520	3.071	1.50 362	1.75 401	4.00 056					4	Alfa Romeo
										732
9526	3.160	1/16 102	1/16 102	5/32 056					4	Austin Rover, M.G.
										732
9547	3.248	1.50 032	1.50 126	2.00 934					5	Volkswagen
										935
2C9547	3.248	1.50 363	1.50 126	2.00 934					5	
										935
9549	3.875	2.00 032	2.00 126	4.75 860					2	Jeep
										732

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
2.000	3/32	102	3/32	401	3/16	501		7707	4
2.063	1/8	401	1/8	401	1/8	401	1/8	8266	2
2.375	3/32	032	3/32	126	3/16	870		5671	4
						732			
2.375	3/32	362	3/32	126	3/16	870		2C5671	4
						732			
2.441	1.50	362	1.50	126	2.80	859		2C4449	3
						732			
2.441	1.50	362	1.50	126	2.80	859		2C4807	4
						732			
2.441	2.00	102	2.00	401	4.00	055		6717	4
						732			
2.441	2.00	362	2.00	401	4.00	055		2C6717	4
						732			
2.500	1.20	398	1.50	126	2.50	995		2C7432	3
						732			
2.500	3/32	126	3/32	126	1/8	126	3/32	7887	1
2.500	1/8	126	1/8	126	1/8	126	1/8	268	2
2.542	1/16	032	1/16	032	1/16	401	1/8	6742	4
						710			
2.542	1/16	362	1/16	032	1/16	401	1/8	2C6742	4
						732			
2.542	1/16	032	1/16	401	1/16	401	5/32	4732	4
						732			
2.559	1.50	215	1.50	123	3.00	553		2C4148	4
						881			
2.559	1.75	102	2.00	401	3.50	054		4369	4
						732			
2.559	1.75	362	2.00	401	3.50	054		2C4369	4
						732			
2.559	1.75	102	2.00	401	4.00	055		6796	4
						732			
2.559	1.75	362	2.00	401	4.00	055		2C6796	4
						732			
2.563	1/16	032	1/16	401	5/32	058		4798	1
						732			
2.579	1.50	201	1.50	202	2.50	248		2D7448	1
						881			
2.579	1.50	032	1.50	126	2.80	859		4234	4
						732			
2.579	1.50	362	1.50	126	2.80	859		2C4234	4
						732			
2.598	1.20	398	1.20	126	2.50	995		2C5136	4
						732			
2.598	1.20	398	1.20	126	2.50	995		2C5802	4
						732			
2.618	1.20	322	1.20	406	2.50	987		2N7434	3
						714			
2.625	3/32	126	3/32	126	3/16	501	3/32	4465	2
						826	3/16	826	
2.625	3/32	126	3/32	126	3/16	871		4457	2
						732			
2.625	3/32	126	3/32	126	3/16	871	3/16	4469	2
						732	126	126	

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
2.625	3/32	102	3/32	126	3/16	871 732		7859	4
2.625	3/32	362	3/32	126	3/16	871 732		2C7859	4
2.625	3/32	126	3/32	126	3/16	501		7888	1
2.638	1.20	398	1.20	126	2.00	989 732		2C5298	4
2.638	1.20	322	1.20	435	2.00	987 714		2N5298	4
2.638	1.20	398	1.20	126	2.50	995 005		2C4580	4
2.638	1.20	398	1.20	126	2.80	999 732		2C5250	4
2.638	1/16	102	1/16	102	1/8	501 826		6942	1
2.638	1/16	362	1/16	102	1/8	501 826		2C6942	1
2.642	1.00	398	1.00	123	1.50	981 005		2C5207	4
2.642	1.20	398	1.50	401	2.00	986 732		2C4808	4
2.677	1.00	398	1.20	126	2.00	993 005		2C4220	4
2.677	1.20	398	1.50	126	3.00	996 732		2C5059	4
2.677	1.50	032	1.50	126	2.80	859 732		4696	4
2.677	1.50	363	1.50	126	2.80	859 732		2C4696	4
2.677	2.00	362	2.00	401	3.00	054 732		2C4753	2
2.677	2.00	032	2.00	401	4.00	058 732		4277	4
2.677	2.00	362	2.00	401	4.00	058 732		2C4422	4
2.697	1.20	398	1.20	126	2.50	995 732		2C4522	4
2.697	1.20	398	1.20	126	2.50	995 732		2C5273	1
2.697	1.20	398	1.50	126	2.80	859 732		2C5039	3
2.697	1.50	362	1.50	126	2.80	859 732		2C5083	4
2.697	1.50	362	1.50	126	2.80	859 732		2C6185	3
2.704	1.20	398	1.50	401	2.00	989 732		2C5205	4
2.704	1.50	032	1.75	126	3.00	054 732		4856	4
2.704	1.50	363	1.75	126	3.00	054 732		2C4856	4
2.716	1.20	398	1.50	126	2.50	995 732		2C4549	4
2.716	1.50	363	1.50	126	2.50	995 732		2C4995	4
2.718	1/16	102	1/16	102	5/32	058 732		6893	4
2.736	1.50	032	1.50	126	4.00	055 732		4673	4
2.736	1.50	362	1.50	126	4.00	055 732		2C4673	4
2.736	1.75	032	2.00	401	4.00	055 732		6192	4

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
2.736	1.75 362	2.00 401	4.00 055 732					2C6192	4
2.736	1.75 362	2.50 401	4.00 055 732					2C4484	4
2.740	1.50 239	1.50 123	2.00 248 881					2D7836	4
2.740	2.00 205	1.50 206	2.00 248 881					2D7101	1
2.744	1.20 398	1.20 126	2.00 934 005					2C4597	4
2.745	1/16 102	1/16 102	3/16 871 732					4244	2
2.745	3/32 102	3/32 102	1/8 501					5044	2
2.750	1/16 022	1/16 022	1/16 022					4359	1
2.750	3/32 126	3/32 126	3/32 126	3/16 871 732	3/16 501			6009	2
2.750	3/32 126	3/32 126	3/16 871 732					6008	2
2.750	3/16 126	3/16 126	3/16 871 732					6128	1
2.756	1.00 398	1.20 610	1.50 981 005					2C4088	3
2.756	1.20 398	1.20 126	2.50 995 732					2C5051	4
2.756	1.50 032	1.50 126	2.80 859 732					6163	3
2.756	1.50 362	1.50 126	2.80 859 732					2C6163	3
2.756	1.50 032	1.50 126	3.00 054 732					5013	4
2.756	1.50 363	1.50 126	3.00 054 732					2C5013	4
2.756	1.75 032	2.00 401	3.50 055 732					4652	4
2.756	1.75 362	2.00 401	3.50 055 732					2C4652	4
2.756	2.00 362	2.00 401	3.50 055 732					2C6779	4
2.756	2.00 032	2.00 401	3.50 055 732					4481	2
2.756	2.00 362	2.00 401	3.50 055 732					2C4481	2
2.756	2.00 362	2.00 401	4.00 058 732					2C6880	4
2.756	2.00 032	2.00 401	4.00 055 732					4373	4
2.756	2.00 362	2.00 401	4.00 055 732					2C4373	4
2.768	1.50 362	1.50 126	3.00 996 732					2C4273	4
2.775	1.50 335	1.50 126	3.00 996 732					2M5015	4
2.780	1.49 032	1.49 406	4.00 200 881					5800	4
2.780	1.50 032	1.50 126	3.00 054 732					4355	4
2.780	1/16 102	1/16 102	1/16 102	5/32 058 732				6802	4
2.780	1/16 362	1/16 102	1/16 102	5/32 058 732				2C6802	4
2.780	1/16 102	1/16 102	5/32 058 732					4731	4
2.780	3/32 102	3/32 102	3/16 870 732	3/32 126	3/16 501			4967	2
2.787	1.20 398	1.20 126	2.50 995 732					2C5052	4
2.795	1.00 398	1.00 123	1.50 981 005					2C4598	3
2.795	1.00 322	1.00 123	2.00 248 881					2N4057	3

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
2.795	1.00 398	1.20 126	2.00 993 005					2C4047	4
2.795	1.00 398	1.20 406	2.00 987 714					2C4068	4
2.795	1.00 398	1.20 406	2.00 987 714					2C4086	3
2.795	1.00 398	1.20 610	2.00 993 005					2C4090	3
2.795	1.20 398	1.20 126	2.00 990 732					2C4089	4
2.795	1.20 322	1.20 236	2.00 987 714					2N4126	4
2.795	1.20 398	1.50 126	3.00 054 732					2C4451	4
2.795	1.50 032	1.50 126	2.80 859 732					4362	4
2.795	1.50 362	1.50 126	2.80 859 732					2C4362	4
2.795	1.50 032	1.50 126	4.00 058 732					4618	4
2.795	1.50 362	1.50 126	4.00 058 732					2C4618	4
2.795	1/16 102	1/16 102	1/8 501					6938	2
2.795	1/16 362	1/16 102	1/8 501					2C6938	2
2.795	2.00 032	2.00 401	4.00 056 732					4342	4
2.795	2.00 362	2.00 401	4.00 056 732					2C4342	4
2.798	1.20 398	1.50 126	2.00 989 732					2C5276	4
2.798	1.50 032	1.50 126	3.00 054 732					4517	4
2.798	1.50 362	1.50 126	3.00 054 732					2C4517	4
2.815	1.20 398	1.20 435	2.00 993 005					2C5389	4
2.815	1.50 032	1.50 126	3.00 054 732					5264	4
2.815	1.50 362	1.50 126	3.00 054 732					2C5264	4
2.827	1.50 032	1.50 126	4.00 058 732					4694	4
2.827	1.50 362	1.50 126	4.00 058 732					2C4694	4
2.831	1.00 317	1.20 126	2.00 990 732					SN4169	3
2.831	1.20 398	1.50 435	2.50 989 732					2C5637	4
2.835	1.00 398	1.00 123	1.50 981 005					2C5681	4
2.835	1.00 322	1.00 123	2.00 987 714					2N4149	3
2.835	1.00 322	1.20 406	2.00 987 714					2N4079	3
2.835	1.00 326	1.20 406	2.00 248 881					2N4104	4
2.835	1.00 398	1.20 126	2.80 859 732					2C6174	4
2.835	1.20 398	1.20 126	2.00 990 732					2C5266	4
2.835	1.20 398	1.20 126	2.50 995 732					2C4813	1
2.835	1.20 398	1.20 126	2.50 995 732					2C5189	3
2.835	1.50 376	1.50 406	2.50 199 881					2C4128	4
2.835	1.50 032	1.50 126	2.80 859 732					6116	4
2.835	1.50 362	1.50 126	2.80 859 732					2C6116	

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
2.835	1.50	363	1.50	126	3.00	054 732		2C5251	4
2.835	1.50	032	1.50	126	4.00	058 732		6131	4
2.835	1.50	362	1.50	126	4.00	058 732		2C6131	4
2.835	1.50	362	2.00	401	3.00	054 732		2C9356	4
2.835	1.50	032	2.00	401	4.00	056 732		4486	4
2.835	1.50	362	2.00	401	4.00	056 732		2C4486	4
2.835	2.00	362	2.00	401	4.00	058 732		2C4424	4
2.835	2.00	362	2.00	401	4.00	056 732		2C6709	6
2.835	2.00	102	2.00	401	4.00	056 732		6752	4
2.835	2.00	362	2.00	401	4.00	056 732		2C6752	4
2.843	1.20	326	1.50	410	2.00	993 714		2N5307	1
2.854	1.00	398	1.00	123	2.00	990 732		2C5392	4
2.854	1.20	398	1.00	126	2.00	990 732		2C4107	4
2.854	1.20	322	1.20	406	2.00	987 714		2N4141	4
2.854	1.20	398	1.20	126	2.00	990 732		2C5252	4
2.854	1.20	398	1.50	126	2.00	990 732		2C5675	1
2.854	1.20	322	1.50	126	2.00	990 732		2N5675	1
2.874	1.00	398	1.00	123	1.50	981 005		2C5723	4
2.874	1.00	398	1.20	610	2.00	990 732		2C5253	4
2.874	1.00	326	1.20	435	2.00	993 714		2N5313	4
2.874	1.20	322	1.20	126	2.00	990 732		2N4096	4
2.874	1.50	032	1.50	126	3.00	054 732		4633	4
2.874	1.50	363	1.50	126	3.00	054 732		2C4633	4
2.874	1.50	326	1.50	435	3.00	054 732		2N4633	4
2.874	1.50	239	1.50	218	3.00	204 881		2D5856	1
2.874	1.50	032	1.50	126	4.00	058 732		4347	4
2.874	1.50	362	1.50	126	4.00	058 732		2C4347	4
2.874	1.75	032	2.00	401	4.00	056 732		6870	4
2.874	1.75	362	2.00	401	4.00	056 732		2C6870	4
2.874	2.00	032	2.00	401	2.80	859 732		6195	1
2.874	2.00	032	2.00	401	4.00	058 732		4410	6
2.874	2.00	362	2.00	401	4.00	058 732		2C4410	6
2.874	2.00	032	2.00	401	4.00	058 732		6714	4
2.874	2.00	362	2.00	401	4.00	058 732		2C6714	4
2.875	1/16	102	1/16	102	1/16	102	5/32 058 732	5897	4

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
2.890	1.20 398	1.20 126	2.00 993					2C4162	4
			005						
2.898	1.50 362	1.50 401	2.80 996					2C4158	4
			732						
2.900	1/16 102	1/16 401	5/32 058					6840	4
			732						
2.900	1/16 362	1/16 401	5/32 058					2C6840	4
			732						
2.902	2.50 213	1.95 209	2.50 248					2D7270	1
			881						
2.905	1.20 398	1.20 126	2.00 990					2C4874	4
			732						
2.911	1.20 398	1.50 126	2.00 993					2C5259	4
			732						
2.911	1.50 032	1.75 401	3.00 054					4858	4
			732						
2.911	1.50 363	1.75 401	3.00 054					2C4858	4
			732						
2.913	1.00 398	1.00 123	2.00 990					2C4159	4
			732						
2.913	1.00 398	1.20 126	2.80 859					2C4363	4
			732						
2.913	1.20 398	1.20 126	2.50 995					2C4184	3
			732						
2.913	1.20 398	1.20 126	2.50 995					2C4944	4
			732						
2.913	1.20 398	1.20 126	2.80 996					2C6173	4
			732						
2.913	1.20 398	1.20 126	3.00 996					2C4774	4
			732						
2.913	1.20 398	1.20 126	3.00 996					2C5025	2
			732						
2.913	1.20 398	1.50 435	2.80 859					2C4208	3
			732						
2.913	1.20 322	1.50 126	2.80 859					2N4208	3
			732						
2.913	1.20 398	1.50 435	2.80 859					2C4258	4
			732						
2.913	1.20 398	2.80 859						2C4364	4
		732							
2.913	1.20 398	2.80 859						2C4738	3
		732							
2.913	1.50 032	1.50 126	2.80 859					4435	4
			732						
2.913	1.50 362	1.50 126	2.80 859					2C4435	4
			732						
2.913	1.50 032	1.50 126	4.00 058					4396	4
			732						
2.913	1.50 362	1.50 126	4.00 058					2C4396	4
			732						
2.913	1.50 327	1.50 126	4.00 058					2M4396	4
			732						
2.913	1.50 032	1.75 401	3.00 054					4988	4
			732						
2.913	1.50 362	1.75 401	3.00 054					2C4988	4
			732						
2.913	1.50 362	2.00 401	4.00 058					2C9503	2
			732						
2.913	1.60 362	2.00 401	4.00 058					2C4471	4
			732						
2.913	2.00 102	2.00 401	4.00 058					5988	4
			732						
2.913	2.00 362	2.00 401	4.00 058					2C5988	4
			732						
2.933	1.00 322	1.20 126	2.00 993					2N5672	3
			732						
2.933	1.20 322	1.20 275	2.00 990					2N5312	1
			714						
2.933	1.50 032	1.75 401	3.00 056					4467	4
			732						

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
2.940	1/16	102	1/16	401	5/32	056		6817	6
						732			
2.940	1/16	362	1/16	401	5/32	056		2C6817	6
						732			
2.953	0.80	398	1.00	123	1.50	981		2C5118	4
						005			
2.953	1.00	322	1.00	406	2.00	248		2N4069	3
						881			
2.953	1.00	398	1.20	126	2.00	993		2C5111	4
						005			
2.953	1.00	398	1.20	126	2.80	859		2C4690	4
						732			
2.953	1.00	398	1.20	126	2.80	996		2C4974	4
						732			
2.953	1.20	398	1.20	126	2.00	993		2C5091	4
						005			
2.953	1.20	322	1.20	435	2.00	987		2N5091	4
						714			
2.953	1.20	398	1.20	126	2.50	995		2C4901	4
						732			
2.953	1.20	398	1.50	435	2.80	859		2C4640	4
						732			
2.953	1.20	398	1.50	435	2.80	996		2C4868	4
						732			
2.953	1.20	398	1.50	435	2.80	859		SC5558	4
						732			
2.953	1.20	398	1.50	435	3.00	054		2C4962	4
						732			
2.953	1.20	398	1.50	435	4.00	058		2C4631	4
						732			
2.953	1.20	322	1.50	435	4.00	058		2N4631	4
						732			
2.953	1.50	032	1.50	435	2.50	995		5021	4
						732			
2.953	1.50	363	1.50	435	2.50	995		2C5021	4
						732			
2.953	1.50	032	1.50	126	3.00	996		4772	6
						732			
2.953	1.50	363	1.50	126	3.00	996		2C4772	6
						732			
2.953	1.50	032	1.50	435	3.00	054		5076	4
						732			
2.953	1.50	363	1.50	435	3.00	054		2C5076	4
						732			
2.953	1.50	032	1.50	401	4.00	058		4632	6
						732			
2.953	1.50	363	1.50	435	4.00	058		2C4632	6
						732			
2.953	1.50	032	1.50	435	4.00	058		6179	4
						732			
2.953	1.50	363	1.50	435	4.00	058		2C6179	4
						732			
2.953	1.50	032	1.50	435	4.00	056		7228	4
						732			
2.953	1.50	363	1.50	435	4.00	553		2D7228	4
						881			
2.953	1.50	032	1.75	401	3.00	054		4693	4
						732			
2.953	1.50	363	1.75	401	3.00	054		2C4693	4
						732			
2.953	1.50	032	1.75	401	4.00	056		4714	4
						732			
2.953	1.50	363	1.75	401	4.00	056		2C4714	4
						732			
2.953	1/16	102	1/16	102	1/8	501		6939	2
2.953	1.75	032	2.00	126	3.00	054		5068	4
						732			
2.953	1.75	362	2.00	126	3.00	054		2C5068	4
						732			
2.953	1.75	362	2.00	401	3.00	054		2C5086	4
						732			

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
2.953	1.75 362	2.00 401	3.00 054 732					2C9372	4
2.953	1.75 032	2.00 401	4.00 056 732					4248	4
2.953	1.75 362	2.00 401	4.00 056 732					2C4248	4
2.953	2.00 102	2.00 401	4.00 058 732					5030	1
2.953	2.00 102	2.00 401	4.00 056 732					6797	6
2.953	2.00 362	2.00 401	4.00 056 732					2C6797	6
2.953	2.00 032	2.00 401	4.00 056 732					6813	4
2.953	2.00 362	2.00 401	4.00 056 732					2C6813	4
2.953	2.00 032	2.00 401	4.00 856 732					6818	4
2.953	2.00 362	2.00 401	4.00 856 732					2C6818	4
2.953	2.00 032	2.50 401	4.00 056 732					4360	4
2.953	2.00 362	2.50 401	4.00 056 732					2C4360	4
2.953	2.50 271	1.95 406	2.00 248 881					2D7431	4
2.953	3.00 213	1.95 202	2.50 204 881					2D7254	1
2.964	1.00 398	1.20 126	2.50 995 732					2C4919	4
2.965	1.75 363	2.00 401	4.00 058 732					2C4844	4
2.972	1.20 398	1.20 126	2.00 993 005					2C4576	4
2.972	1.20 398	1.20 126	2.50 934 732					2C5184	4
2.972	1.20 398	1.50 126	2.80 996 732					2C4884	4
2.972	1.20 398	1.50 126	3.00 054 732					2C4668	4
2.972	1.50 032	1.50 126	3.00 996 732					4782	4
2.972	1.50 363	1.50 126	3.00 996 732					2C4782	4
2.972	1.50 032	1.50 126	3.00 872 732					4863	4
2.972	1.50 363	1.50 126	3.00 872 732					2C4863	4
2.972	1.50 376	1.50 126	3.00 054 732					2C4146	4
2.972	1.50 032	1.50 126	4.00 058 732					5716	4
2.972	1.50 363	1.50 126	4.00 058 732					2C5716	4
2.972	1.50 327	1.50 126	4.00 058 732					2M5716	4
2.984	1.50 032	1.75 401	3.00 054 732					4859	4
2.984	1.50 362	1.75 401	3.00 054 732					2C4859	4
2.992	1.20 398	1.20 126	2.50 995 732					2C4087	4
2.992	1.20 398	1.20 126	2.50 995 732					2C5182	4
2.992	1.20 398	1.50 126	2.50 995 732					2C4565	4
2.992	1.20 398	1.50 126	3.00 996 732					2C4875	4
2.992	1.20 398	2.00 401	4.00 056 732					2C6146	4

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
2.992	1.50	032	1.50	435	2.80	861		4459	3
						732			
2.992	1.50	362	1.50	435	2.80	861		2C4459	3
						732			
2.992	1.50	032	1.50	435	2.80	861		4659	4
						732			
2.992	1.50	362	1.50	435	2.80	861		2C4659	4
						732			
2.992	1.50	032	1.50	126	2.80	861		6153	2
						732			
2.992	1.50	362	1.50	126	2.80	861		2C6153	2
						732			
2.992	1.50	032	1.50	126	3.00	054		4932	4
						732			
2.992	1.50	362	1.50	126	3.00	054		2C4932	4
						732			
2.992	1.50	032	1.50	126	3.00	872		4935	4
						732			
2.992	1.50	362	1.50	126	3.00	872		2C4935	4
						732			
2.992	1.50	032	1.50	126	4.00	058		6151	4
						732			
2.992	1.50	362	1.50	126	4.00	058		2C6151	4
						732			
2.992	1.50	327	1.50	126	4.00	058		2M6151	4
						732			
2.992	1.50	032	1.60	102	2.50	995		5248	4
						732			
2.992	1.50	362	1.60	102	2.50	995		2C5248	4
						732			
2.992	1.50	032	2.00	401	4.00	055		4460	4
						732			
2.992	1.50	362	2.00	401	4.00	055		2C4460	4
						732			
2.992	1.50	032	2.00	401	4.00	055		4479	4
						732			
2.992	1.50	362	2.00	401	4.00	055		2C4479	4
						732			
2.992	1.50	032	2.00	401	4.00	056		4493	4
						732			
2.992	1.50	362	2.00	401	4.00	056		2C4493	4
						732			
2.992	1.50	363	2.00	401	4.00	058		2C4830	4
						732			
2.992	1.50	032	2.00	401	4.00	055		4831	4
						732			
2.992	1.50	363	2.00	401	4.00	055		2C4831	4
						732			
2.992	1.50	362	2.80	996				2C4958	4
				732					
2.992	1.75	102	2.00	401	4.00	056		4330	4
						732			
2.992	1.75	362	2.00	401	4.00	056		2C4330	4
						732			
2.992	2.00	362	1.50	435	3.00	054		2C4751	4
						732			
2.992	2.00	212	2.00	214	2.50	248		2D7296	1
						881			
2.992	2.00	102	2.00	401	4.00	058		4266	4
						732			
2.992	2.00	362	2.00	401	4.00	058		2C4266	4
						732			
2.993	1/16	102	1/16	102	1/8	501		5119	2
3.000	1.50	334	1.50	126	2.80	861		2M6198	1
						732			
3.000	1/16	102	1/16	102	3/16	860		6457	2
						732			
3.000	3/32	102	3/32	102	3/32	401	3/16	871	1
								732	
3.000	3/32	102	3/32	102	1/8	102	3/16	501	2
								825	

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.000	1/8 362	1/8 102	1/8 102	1/8 126	3/16 501	3/16 825		2C710	4
3.000	1/8 362	1/8 126	1/8 126	3/16 871				2C7758	4
				732					
3.000	1/8 032	1/8 126	1/8 126	1/4 860				727	4
				732					
3.000	1/8 362	1/8 126	1/8 126	1/4 860				2C727	4
				732					
3.000	1/8 032	1/8 126	1/8 126	1/4 860				4182	6
				732					
3.012	1.20 398	1.20 126	2.00 993					2C4526	4
			005						
3.012	1.20 398	1.20 126	2.00 993					2C5438	4
			005						
3.012	1.20 322	1.20 126	2.00 993					2N5438	4
			005						
3.012	1.20 398	1.20 126	2.50 995					2C5154	4
			732						
3.012	1.20 398	1.50 126	2.00 993					2C5391	4
			005						
3.012	1.20 322	1.50 126	2.00 987					2N5391	4
			714						
3.012	1.20 398	1.50 401	2.50 995					2C5177	4
			732						
3.012	1.20 398	1.50 401	2.50 995					2C5294	4
			732						
3.012	1.50 362	1.50 126	2.00 993					2C4175	4
			005						
3.012	1.50 362	1.50 401	2.50 995					2C5022	4
			732						
3.012	1.50 032	1.50 401	3.00 054					4819	4
			732						
3.012	1.50 362	1.50 401	3.00 054					2C4819	4
			732						
3.012	1.75 362	2.00 401	3.00 204					2D4498	5
			881						
3.012	1.75 032	2.00 401	3.00 054					4832	4
			732						
3.012	1.75 363	2.00 401	3.00 054					2C4832	4
			732						
3.012	1.75 215	2.00 209	3.00 204					2C7148	1
			881						
3.012	2.00 032	2.00 401	4.00 056					4492	4
			732						
3.012	2.00 362	2.00 401	4.00 056					2C4492	4
			732						
3.012	2.00 032	2.50 126	4.00 056					4282	4
			732						
3.012	2.00 363	2.50 126	4.00 056					2C4282	4
			732						
3.016	2.00 032	2.00 401	4.00 058					4473	4
			732						
3.016	2.00 362	2.00 401	4.00 058					2C4473	4
			732						
3.027	1.50 032	1.50 126	4.00 058					4353	4
			732						
3.027	1.50 362	1.50 126	4.00 058					2C4353	4
			732						
3.027	2.00 032	2.00 126	4.00 056					675	4
			732						
3.027	2.00 362	2.00 126	4.00 056					2C675	4
			732						
3.031	1.20 398	1.20 435	2.00 993					2C4504	4
			005						
3.031	1.20 398	1.20 126	2.50 995					2C5159	4
			732						
3.031	1.20 398	1.20 126	2.80 861					2C4646	4
			732						
3.031	1.20 398	1.50 401	2.00 993					2C4181	4
			005						
3.031	1.20 398	1.50 401	4.00 058					2C6154	4
			732						

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.031	1.50	032	1.50	401	2.00	993		4977	4
						005			
3.031	1.50	363	1.50	401	2.00	993		2C4977	4
						005			
3.031	1.50	032	1.50	861	2.80	732		4241	4
3.031	1.50	335	1.50	861	2.80	732		2M4241	4
3.031	1.50	335	1.50	401	3.00	054		2M4765	1
						732			
3.031	1.50	032	1.50	126	3.00	054		4803	4
						732			
3.031	1.50	363	1.50	126	3.00	054		2C4803	4
						732			
3.031	1.50	032	1.50	401	4.00	058		6134	4
						732			
3.031	1.50	363	1.50	401	4.00	058		2C6134	4
						732			
3.031	1.50	032	2.00	435	4.00	058		6175	4
						732			
3.031	1.50	363	2.00	435	4.00	058		2C6175	4
						732			
3.031	1.50	322	2.00	435	4.00	058		2N6175	4
						732			
3.031	1.75	032	2.00	401	4.00	058		4843	4
						732			
3.031	1.75	363	2.00	401	4.00	058		2C4843	4
						732			
3.031	1.75	032	2.00	435	4.00	056		6857	4
						732			
3.031	1.75	362	2.00	435	4.00	056		2C6857	4
						732			
3.031	1.75	362	2.00	435	4.00	056		2C7215	4
						732			
3.031	2.00	363	1.75	102	3.00	553		2D4981	4
						881			
3.031	2.00	102	2.00	401	4.00	058		4851	4
						732			
3.031	2.00	102	2.00	435	4.00	055		6741	4
						732			
3.031	2.00	362	2.00	435	4.00	055		2C6741	4
						732			
3.031	2.00	102	2.00	435	4.00	056		6780	4
						732			
3.031	2.00	362	2.00	435	4.00	056		2C6780	4
						732			
3.031	2.50	362	2.50	401	4.00	056		2C5868	4
						732			
3.039	1.75	326	1.75	257	3.00	203		2D7821	4
						881			
3.041	1.60	032	2.00	401	4.00	056		5019	4
						732			
3.041	1.60	327	2.00	401	4.00	056		2M5019	4
						732			
3.047	1.20	398	1.20	126	2.50	995		2C5196	4
						732			
3.051	1.50	032	1.50	126	2.80	861		6140	4
						732			
3.051	1.50	363	1.50	126	2.80	861		2C6140	4
						732			
3.054	1.00	398	1.00	123	2.00	993		2C4354	4
						005			
3.055	1.20	398	1.50	401	2.00	993		2C5218	4
						005			
3.055	1.50	032	1.50	401	3.00	054		4812	4
						732			
3.055	1.50	362	1.50	401	3.00	054		2C4812	4
						732			
3.067	1.20	398	1.20	126	2.00	993		2C4115	4
						005			
3.067	1.20	398	1.50	126	2.50	995		2C4569	4
						732			

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.071	1.20	398	1.20	126	2.00	990		2C4091	3
						732			
3.071	1.20	398	1.20	126	2.00	990		2C5393	3
						732			
3.071	1.20	398	1.20	126	2.00	990		2C4439	4
						732			
3.071	1.20	398	1.20	126	2.50	995		2C5310	4
						732			
3.071	1.20	398	1.20	126	2.50	533		2C4118	4
						732			
3.071	1.20	398	1.20	126	2.50	995		2C4186	4
						732			
3.071	1.20	398	1.50	126	2.50	533		2C4170	6
						732			
3.071	1.20	398	1.50	126	2.50	533		2C4994	4
						732			
3.071	1.20	398	1.50	126	2.80	861		2C4692	2
						732			
3.071	1.20	398	1.50	126	2.80	861		2C4778	3
						732			
3.071	1.20	398	1.50	126	3.00	054		2C5115	4
						732			
3.071	1.20	398	1.50	126	4.00	058		2C4237	4
						732			
3.071	1.50	362	1.50	126	2.50	533		2C4619	2
						732			
3.071	1.50	032	1.50	102	2.80	861		4662	4
						732			
3.071	1.50	363	1.50	102	2.80	861		2C4662	4
						732			
3.071	1.50	032	1.50	102	2.80	861		6240	6
						732			
3.071	1.50	363	1.50	102	2.80	861		2C6240	6
						732			
3.071	1.50	032	1.50	126	3.00	054		4737	4
						732			
3.071	1.50	362	1.50	126	3.00	054		2C4737	4
						732			
3.071	1.50	032	1.50	126	3.00	996		5289	6
						732			
3.071	1.50	363	1.50	126	3.00	996		2C5289	6
						732			
3.071	1.50	032	1.50	126	4.00	058		4265	4
						732			
3.071	1.50	362	1.50	126	4.00	058		2C4265	4
						732			
3.071	1.50	327	1.50	126	4.00	058		2M4265	4
						732			
3.071	1.50	327	1.75	401	3.50	058		2M5026	4
						732			
3.071	1.50	362	1.75	401	4.00	056		2C9520	4
						732			
3.071	1.50	362	2.00	126	4.00	056		2C4412	4
						732			
3.071	1.75	362	2.00	401	3.00	553		2D7239	4
						881			
3.071	1.75	032	2.00	401	4.00	860		6197	4
						732			
3.071	1.75	362	2.00	401	4.00	860		2C6197	4
						732			
3.071	2.00	362	2.00	401	3.00	054		2C4864	4
						732			
3.071	2.00	032	2.00	126	4.00	056		4381	4
						732			
3.071	2.00	362	2.00	126	4.00	056		2C4381	4
						732			
3.071	2.00	362	2.00	401	4.00	052		2C4682	6
						732			

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.071	2.00	102	2.00	401	4.00	056 732		6757	6
3.071	2.00	362	2.00	401	4.00	056 732		2C6757	6
3.071	2.00	032	2.00	401	4.00	055 732		6860	4
3.071	2.00	362	2.00	401	4.00	055 732		2C6860	4
3.071	2.00	032	2.00	401	4.00	056 732		6871	4
3.071	2.00	362	2.00	401	4.00	056 732		2C6871	4
3.071	2.00	102	2.50	401	4.00	056 732		6804	4
3.071	2.00	362	2.50	401	4.00	056 732		2C6804	4
3.083	1.75	205	2.00	214	3.00	204 881		2D7284	1
3.090	1.20	398	1.50	126	2.50	934 732		2C9369	4
3.090	1.50	327	1.50	126	3.00	054 732		2M9365	4
3.098	1.20	398	1.50	126	3.00	996 732		2C4134	4
3.110	1.20	398	1.20	126	2.00	934 005		2C4199	4
3.110	1.20	398	1.20	126	2.00	990 005		2C4356	4
3.110	1.20	398	1.20	126	2.00	993 005		2C5828	4
3.110	1.20	398	1.20	126	3.00	996 732		2C4947	4
3.110	1.20	322	1.50	406	2.00	987 714		2N4071	4
3.110	1.20	398	1.50	126	2.00	993 005		2C4596	4
3.110	1.20	398	1.50	126	2.00	990 005		2C5855	4
3.110	1.20	398	1.50	126	2.50	995 732		2C4621	4
3.110	1.20	398	1.50	126	3.00	872 732		2C4602	4
3.110	1.20	398	1.50	126	3.00	054 732		2C5301	4
3.110	1.50	032	2.00	126	4.00	056 732		6143	4
3.110	1.50	362	2.00	126	4.00	056 732		2C6143	4
3.110	1/16	102	1/16	102	1/8	870 732		6941	1
3.110	1.75	362	2.00	126	4.00	056 732		2C4448	4
3.110	2.00	032	1.50	126	3.00	054 732		4758	4
3.110	2.00	335	1.50	126	3.00	204 881		2D4758	4
3.110	2.00	217	1.50	218	3.00	204 881		2C7424	1
3.110	2.00	276	2.00	236	3.00	203 881		2D7540	4
3.110	2.00	032	2.00	401	5.00	871 732		4413	4
3.110	2.00	362	2.00	401	5.00	871 732		2C4413	4
3.110	2.00	032	2.50	401	4.00	056 732		4482	4
3.110	2.00	362	2.50	401	4.00	056 732		2C4482	4
3.125	1/16	363	1/16	126	5/32	058 732		2C6170	2

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.125	5/64 032	5/64 126	3/16 871 732					690	6
3.125	3/32 362	3/32 126	3/32 126	3/16 860 732				2C7799	4
3.125	3/32 362	3/32 126	3/32 126	1/4 860 732				2C7724	4
3.125	3/32 032	3/32 126	3/16 871 732					680	6
3.125	3/32 362	3/32 126	3/16 871 732					2C680	6
3.125	3/32 032	3/32 126	3/16 871 732					828	4
3.125	3/32 362	3/32 126	3/16 871 732					2C828	4
3.125	3/32 362	3/32 126	1/4 860 732					2C7696	4
3.125	3/32 032	1/8 126	5/32 860 732	5/32 501				143	6
3.125	1/8 362	1/8 126	1/8 126	1/4 860 732				2C7543	4
3.125	1/8 032	1/8 126	5/32 860 732	5/32 501				142	6
3.130	1.20 398	1.50 126	2.50 995 732					2C5135	4
3.130	1.50 362	1.50 126	2.50 995 732					2C4313	4
3.130	1.75 205	2.00 126	3.00 204 881					2D5854	1
3.130	1.75 032	2.00 126	4.00 056 732					4490	4
3.130	1.75 363	2.00 126	4.00 056 732					2C4490	4
3.130	1.75 327	2.00 126	4.00 056 732					2M4490	4
3.130	1.75 032	2.00 126	4.00 058 732					4833	4
3.130	1.75 363	2.00 126	4.00 058 732					2C4833	4
3.130	1.75 363	2.00 126	4.00 056 732					2C6145	5
3.130	1.75 032	2.00 126	5.00 860 732					6117	4
3.130	1.75 362	2.00 126	5.00 860 732					2C6117	4
3.130	1.75 032	2.50 126	5.00 860 732					6118	4
3.130	1.75 362	2.50 126	5.00 860 732					2C6118	4
3.130	2.00 032	2.50 126	5.00 860 732					4304	4
3.130	2.00 362	2.50 126	5.00 860 732					2C4304	4
3.130	2.00 363	2.50 126	5.00 870 732					2C4828	4
3.147	1.60 032	2.00 126	4.00 860 732					5653	4
3.147	1.60 363	2.00 126	4.00 860 732					2C5653	4
3.147	1.60 327	2.00 126	4.00 860 732					2M5653	4
3.150	1.00 398	1.20 126	2.00 993 005					2C4623	2
3.150	1.20 398	1.20 126	2.50 995 732					2C5143	4
3.150	1.20 398	1.20 126	3.00 054 732					2C4647	4
3.150	1.20 398	1.50 126	2.00 993 005					2C4501	6
3.150	1.20 398	1.50 401	2.50 995 732					2C5221	6

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.150	1.20	398	1.50	126	4.00	056 732		2C6141	4
3.150	1.20	322	1.75	275	3.00	996 732		2N4138	4
3.150	1.50	362	1.50	126	2.00	993 005		2C4559	6
3.150	1.50	102	1.50	102	3.00	054 732		5032	1
3.150	1.50	032	1.50	401	3.00	054 732		4691	4
3.150	1.50	362	1.50	401	3.00	054 732		2C4691	4
3.150	1.50	327	1.50	401	3.00	054 732		2M4691	4
3.150	1.50	102	1.50	126	4.00	056 732		6177	4
3.150	1.50	363	1.50	126	4.00	056 732		2C6177	4
3.150	1.50	376	1.75	406	3.00	200 881		2C4329	6
3.150	1.50	362	1.75	401	3.50	055 732		2C4291	4
3.150	1.50	032	1.75	401	4.00	056 732		9519	4
3.150	1.50	362	1.75	401	4.00	056 732		2C9519	4
3.150	1.50	102	2.00	126	3.50	055 732		4617	6
3.150	1.50	362	2.00	126	3.50	055 732		2C4617	6
3.150	1.50	032	2.00	126	4.00	058 732		6155	4
3.150	1.50	362	2.00	126	4.00	058 732		2C6155	4
3.150	1.50	102	2.00	401	4.00	056 732		6814	4
3.150	1.50	398	2.00	401	4.00	056 732		2C6814	4
3.150	2.00	219	2.00	209	3.00	204 881		2M5860	1
3.150	2.00	212	2.00	209	3.00	204 881		2D7352	1
3.150	2.00	032	2.00	401	3.00	054 732		4709	4
3.150	2.00	362	2.00	401	3.00	204 881		2D4709	4
3.150	2.00	032	2.00	401	4.00	056 732		6761	4
3.150	2.00	362	2.00	401	4.00	056 732		2C6761	4
3.150	2.00	032	2.00	401	4.00	056 732		6876	6
3.150	2.00	362	2.00	401	4.00	056 732		2C6876	6
3.150	2.00	032	2.50	401	5.00	871 732		6113	4
3.150	2.00	362	2.50	401	5.00	871 732		2C6113	4
3.150	2.50	220	2.00	209	3.00	204 881		2M7332	1
3.150	2.50	205	2.00	210	3.00	204 881		2D7412	1
3.150	3.00	225	2.00	210	3.00	204 881		2C7357	1
3.150	3.00	102	3.00	102	3.00	401	4.00 058 732	4964	1
3.150	3.00	102	3.00	401	4.75	871 732		5806	6
3.150	3.00	102	3.00	401	5.00	501		5755	4
3.160	1/16	102	1/16	102	1/16	102	5/32 056 732	6738	4

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.160	1/16 102	1/16 102	5/32 056					9526	4
			732						
3.161	1.50 032	1.50 401	3.00 054					4918	6
			005						
3.161	1.50 363	1.50 401	3.00 054					2C4918	6
			005						
3.169	1.00 398	1.00 123	1.50 981					2C4113	4
			005						
3.169	1.20 398	1.00 123	2.00 993					2C5395	4
			005						
3.169	1.20 398	1.20 126	2.00 993					2C5185	4
			005						
3.169	1.50 032	1.50 401	4.00 058					5300	4
			732						
3.169	1.50 032	1.75 401	3.00 054					5247	4
			732						
3.169	1.50 362	1.75 401	3.00 054					2C5247	4
			732						
3.169	1.50 102	2.00 126	4.00 058					4476	4
			732						
3.169	1.50 362	2.00 126	4.00 058					2C4476	4
			732						
3.169	1.50 032	2.00 126	4.00 056					5254	4
			732						
3.169	2.00 032	2.00 126	4.00 860					4293	4
			732						
3.169	2.00 362	2.00 126	4.00 860					2C4293	4
			732						
3.173	1.50 032	1.50 401	4.00 058					4367	4
			732						
3.173	1.50 363	1.50 401	4.00 058					2C4367	4
			732						
3.173	1.50 032	1.60 126	2.50 995					5194	4
			732						
3.173	1.50 363	1.60 126	2.50 995					2C5194	4
			732						
3.173	1.75 032	2.00 401	4.00 056					4253	4
			732						
3.173	1.75 363	2.00 401	4.00 056					2C4253	4
			732						
3.173	2.00 032	2.00 401	4.00 056					6172	4
			732						
3.173	2.00 363	2.00 401	4.00 056					2C6172	4
			732						
3.188	1/16 327	1/16 126	5/32 860					2M4915	1
			732						
3.188	1/16 032	1/16 126	5/32 056					6166	2
			732						
3.188	1/16 327	1/16 126	5/32 056					2M6166	2
			732						
3.188	1/16 102	1/16 102	5/32 860					6953	1
			732						
3.188	1/16 102	1/16 102	3/16 860					7003	2
			732						
3.188	1/16 327	1/16 126	3/16 860					2M7003	2
			732						
3.188	1/16 032	5/64 126	5/32 056					677	4
			732						
3.188	1/16 363	5/64 126	5/32 056					2C677	4
			732						
3.188	1/16 327	5/64 126	5/32 056					2M677	4
			732						
3.188	1/16 363	5/64 126	5/32 860					2C9502	4
			732						
3.188	1/16 336	5/64 126	5/32 860					2M9502	4
			732						
3.188	1/16 102	5/32 860						6948	1
		732							
3.188	5/64 032	5/64 401	5/32 860					5981	4
			732						

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.188	5/64 362	5/64 401	5/32 860					2C5981	4
			732						
3.188	5/64 032	5/64 126	3/16 860					4417	4
			732						
3.188	5/64 362	5/64 126	3/16 860					2C4417	4
			732						
3.188	5/64 032	5/64 126	3/16 860					5075	8
			732						
3.188	3/32 362	3/32 126	3/32 126	3/16 860				2C7564	4
				732					
3.188	3/32 362	3/32 126	5/32 860	5/32 501				2C523	4
			732						
3.188	3/32 032	3/32 126	5/32 860	5/32 501				529	8
			732						
3.188	3/32 362	3/32 126	5/32 056	5/32 501				2C7505	4
			732						
3.188	3/32 362	3/32 126	5/32 860					2C825	4
			732						
3.188	3/32 032	3/32 126	3/16 860	3/16 501				533	8
			732						
3.188	3/32 362	3/32 126	3/16 860	3/16 501				2C533	8
			732						
3.188	3/32 362	3/32 126	3/16 860					2C535	4
			732						
3.188	3/32 362	3/32 126	3/16 860	3/16 501				2C549	4
			732						
3.188	3/32 032	3/32 126	1/4 860					4123	4
			732						
3.188	3/32 362	3/32 126	1/4 860					2C4123	4
			732						
3.188	3/32 362	3/32 126	1/4 860					2C7698	4
			732						
3.189	1.00 398	1.20 126	2.00 990					2C4357	4
			005						
3.189	1.00 398	1.20 126	2.00 993					2C4590	4
			005						
3.189	1.00 398	1.20 126	2.80 861					2C4666	4
			732						
3.189	1.00 398	1.20 126	2.80 861					SC5572	4
			732						
3.189	1.20 398	1.20 126	2.00 993					2C4850	4
			005						
3.189	1.20 398	1.20 126	2.80 997					2C4769	4
			732						
3.189	1.20 322	1.50 406	2.00 203					2N4097	6
			881						
3.189	1.20 398	1.50 126	2.00 934					2C5095	4
			935						
3.189	1.20 398	1.50 126	2.80 861					2C4658	4
			732						
3.189	1.20 398	1.50 126	2.80 861					2C4684	4
			732						
3.189	1.20 398	1.50 126	3.00 054					2C4733	4
			732						
3.189	1.20 322	1.50 126	3.00 987					2N4733	4
			714						
3.189	1.20 398	1.50 126	3.00 997					2C4773	4
			732						
3.189	1.20 398	1.75 126	3.00 054					2C4993	5
			732						
3.189	1.50 327	1.50 401	2.00 203					2D5020	6
			881						
3.189	1.50 032	1.50 126	2.80 861					6180	4
			732						
3.189	1.50 362	1.50 126	2.80 861					2C6180	4
			732						
3.189	1.50 327	1.50 126	2.80 861					2M6180	4
			732						
3.189	1.50 032	1.50 126	3.00 054					4683	4
			732						

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.189	1.50	335	1.50	126	3.00	054 732		2M4683	4
3.189	1.50	322	1.50	126	3.00	987 714		2N4683	4
3.189	1.50	032	1.50	126	4.00	056 732		4665	4
3.189	1.50	363	1.50	126	4.00	056 732		2C4665	4
3.189	1.50	363	1.50	126	4.00	058 732		2C4867	4
3.189	1.50	335	1.70	126	3.00	553 881		2D4541	5
3.189	1.50	335	1.75	126	2.00	993 005		2M4584	6
3.189	1.50	032	1.75	126	2.00	993 005		4923	4
3.189	1.50	335	1.75	126	2.00	993 005		2M4923	4
3.189	1.50	032	1.75	126	3.00	054 732		4341	4
3.189	1.50	362	1.75	126	3.00	054 732		2C4341	4
3.189	1.50	335	1.75	126	3.00	054 732		2M4341	4
3.189	1.50	032	1.75	126	3.00	054 732		4921	6
3.189	1.50	363	1.75	126	3.00	054 732		2C4921	6
3.189	1.75	363	2.00	130	2.00	203 881		2C7487	1
3.189	1.75	032	2.00	126	3.00	054 732		4600	4
3.189	1.75	362	2.00	126	3.00	054 732		2C4600	4
3.189	1.75	032	2.00	126	3.00	054 732		4922	5
3.189	1.75	362	2.00	126	3.00	054 732		2C4922	5
3.189	1.75	205	2.00	130	3.00	204 881		2D7282	1
3.189	2.00	255	1.75	275	2.00	203 881		2D7827	5
3.189	2.00	255	1.75	123	3.00	553 881		2D7545	5
3.189	2.50	212	2.00	130	3.00	204 881		2D7476	1
3.189	2.50	255	2.50	123	3.00	553 881		2D7834	5
3.200	1.60	335	2.00	126	4.00	056 732		2M4787	4
3.208	1.20	398	1.20	126	2.50	995 732		2C5173	4
3.208	1.20	398	1.50	126	2.80	997 732		2C5104	4
3.208	1.20	398	1.50	126	3.00	997 732		2C4770	4
3.209	1.50	032	1.50	126	4.00	058 732		5201	4
3.212	1.20	398	1.50	126	3.00	054 732		2C4551	4
3.212	1.20	398	1.50	126	3.00	054 732		2C5160	6
3.212	1.50	032	1.50	401	3.00	054 732		5200	4
3.212	1.50	363	1.50	401	3.00	054 732		2C5200	4
3.212	1.50	363	1.50	401	3.00	054 732		2C5245	4
3.212	1.50	363	1.50	401	3.00	997 732		2C5269	2

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.218	1.75	032	2.50	401	4.00	860		4544	6
						732			
3.218	1.75	363	2.50	401	4.00	860		2C4544	6
						732			
3.226	1.50	032	1.50	126	3.00	054		4261	4
						732			
3.226	1.50	327	1.50	126	3.00	054		2M4261	4
						732			
3.228	1.20	398	1.20	126	2.00	993		2C5825	4
						005			
3.228	1.20	398	1.20	126	2.50	995		2C4943	4
						732			
3.228	1.20	398	1.20	126	3.00	997		2C5087	4
						732			
3.228	1.20	398	1.50	126	2.00	934		2C4548	4
						005			
3.228	1.20	398	1.50	126	2.00	993		2C4108	6
						005			
3.228	1.20	322	1.50	406	2.00	987		2N4108	1
						714			
3.228	1.20	398	1.50	126	2.50	995		2C4984	4
						732			
3.228	1.20	322	1.50	126	2.50	987		2N4129	4
						714			
3.228	1.20	398	1.50	126	3.00	054		2C4891	4
						732			
3.228	1.50	032	1.50	126	3.00	054		4745	4
						732			
3.228	1.50	327	1.50	126	3.00	054		2M4745	4
						732			
3.228	1.50	032	1.50	126	3.00	054		4801	4
						732			
3.228	1.50	363	1.50	126	3.00	054		2C4801	4
						732			
3.228	1.50	032	1.50	126	4.00	872		4218	4
						732			
3.228	1.50	327	1.50	126	4.00	872		2M4218	4
						732			
3.228	1.50	032	1.50	126	4.00	058		4301	4
						732			
3.228	1.50	327	1.50	126	4.00	058		2M4301	4
						732			
3.228	1.50	032	1.50	126	4.00	056		4393	4
						732			
3.228	1.50	362	1.50	126	4.00	056		2C4393	4
						732			
3.228	1.50	362	1.50	126	4.00	058		2C4926	4
						732			
3.228	1.50	032	1.75	126	4.00	058		4802	4
						732			
3.228	1.50	327	1.75	126	4.00	058		2M4802	4
						732			
3.228	1.50	032	2.00	126	4.00	055		4461	4
						732			
3.228	1.50	362	2.00	126	4.00	055		2C4461	4
						732			
3.228	1.50	362	2.00	126	4.00	058		2C9377	4
						732			
3.228	1.75	032	2.00	126	3.00	054		4766	4
						732			
3.228	1.75	362	2.00	126	3.00	054		2C4766	4
						732			
3.228	1.75	362	2.00	401	4.00	056		2C7333	4
						732			
3.228	2.00	376	2.00	414	2.00	553		2D7097	1
3.228	2.00	205	2.00	214	2.00	248		2D7366	1
						881			
3.228	2.00	363	2.00	126	2.80	861		2C4475	1
						732			
3.228	2.00	032	2.00	126	4.00	056		4294	4
						732			

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.228	2.00	362	2.00	126	4.00	056 732		2C4294	4
3.228	2.00	327	2.00	126	4.00	056 732		2M4294	4
3.228	2.00	363	2.00	126	4.00	056 732		2C4826	4
3.228	2.00	032	2.00	126	4.50	870 732		4630	4
3.228	2.50	217	2.00	210	2.00	248 881		2C7340	1
3.228	3.00	221	2.00	209	3.00	204 881		2D7259	1
3.228	3.00	221	2.00	210	3.00	204 881		2D7355	1
3.230	1.20	398	1.50	126	2.00	993 005		2C5144	4
3.236	2.00	226	1.50	218	3.00	204 881		2C7428	1
3.236	2.00	362	2.00	126	3.00	054 732		2C5858	4
3.236	2.00	205	2.00	210	3.00	204 881		2D5858	1
3.240	1.20	398	1.50	126	3.00	997 732		2C4669	4
3.244	1.20	398	1.50	126	3.00	054 732		2C4794	6
3.244	1.20	398	1.50	126	3.00	054 732		2C4886	8
3.247	2.00	363	2.00	401	3.00	054 732		2C4821	4
3.248	1.00	398	1.20	126	1.50	981 005		2C5382	4
3.248	1.20	398	1.20	126	2.00	993 005		2C5385	4
3.248	1.20	322	1.20	406	2.00	248 881		2N5385	4
3.248	1.20	398	1.50	126	2.00	934 935		2C4562	5
3.248	1.20	398	1.50	126	2.00	934 935		2C4639	4
3.248	1.20	322	1.50	406	2.00	987 714		2N4639	4
3.248	1.20	398	1.50	126	2.00	934 935		2C4924	6
3.248	1.20	322	1.50	406	2.00	248 881		2N4144	1
3.248	1.20	398	1.75	126	3.00	997 732		2C4563	1
3.248	1.50	032	1.50	126	2.00	934 935		6190	4
3.248	1.50	363	1.50	126	2.00	934 935		2C6190	4
3.248	1.50	032	1.50	126	2.00	934 935		9547	5
3.248	1.50	363	1.50	126	2.00	934 935		2C9547	5
3.248	1.50	362	1.75	126	3.00	997 732		2C4927	1
3.248	1.50	362	2.00	401	4.00	056 732		2C6801	4
3.248	2.00	217	2.00	218	3.00	204 881		2C7538	1
3.248	2.00	032	2.00	401	5.00	871 732		6823	4
3.248	2.00	362	2.00	401	5.00	871 732		2C6823	4
3.248	2.50	211	2.00	210	3.00	204 881		2D7104	1
3.248	2.50	238	2.00	218	3.00	204 881		2C7133	1

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.250	1/16 102	1/16 102	5/32 056 732					6954	1
3.250	1/16 102	5/32 860 732						6949	1
3.250	5/64 032	5/64 126	5/64 126	3/16 860 732				6184	2
3.250	5/64 362	5/64 126	5/64 126	3/16 860 732				2C6184	2
3.250	5/64 032	5/64 126	3/16 860 732					4398	2
3.250	5/64 032	5/64 401	3/16 860 732					5909	4
3.250	5/64 362	5/64 401	3/16 860 732					2C5909	4
3.250	5/64 032	5/64 401	3/16 860 732					5914	6
3.250	3/32 032	3/32 126	3/32 126	3/16 860 732				4215	4
3.250	3/32 362	3/32 126	3/32 126	3/16 860 732				2C4215	4
3.250	3/32 032	3/32 126	3/32 126	3/16 860 732				5123	2
3.250	3/32 362	3/32 126	3/32 126	3/16 860 732				2C5123	2
3.250	3/32 032	3/32 126	3/32 126	3/16 860 732				7584	4
3.250	3/32 362	3/32 126	3/32 126	3/16 860 732				2C7584	4
3.250	3/32 032	3/32 126	5/32 860 732	5/32 501				144	6
3.250	3/32 362	3/32 126	5/32 860 732	5/32 501				2C144	6
3.250	3/32 032	3/32 126	5/32 860 732	5/32 501				446	8
3.250	3/32 032	3/32 126	5/32 860 732	5/32 501				7582	4
3.250	3/32 362	3/32 126	5/32 860 732	5/32 501				2C7582	4
3.250	3/32 032	3/32 126	3/16 860 732					619	8
3.250	3/32 032	3/32 126	3/16 860 732					6261	2
3.250	3/32 032	3/32 401	3/16 860 732					6535	1
3.250	3/32 362	3/32 401	3/16 860 732					2C6535	1
3.250	3/32 032	3/32 126	3/16 860 732					7689	4
3.250	3/32 362	3/32 126	3/16 860 732					2C7689	4
3.250	3/32 032	3/32 126	3/16 860 732					7785	1
3.250	3/32 362	3/32 126	3/16 860 732					2C7785	1
3.250	3/32 032	1/8 126	5/32 860 732	5/32 501				443	6
3.250	3/32 032	1/8 126	3/16 860 732					6022	4
3.250	3/32 362	1/8 126	3/16 860 732					2C6022	4
3.250	1/8 032	1/8 126	1/8 126	3/16 860 732				4072	6
3.250	1/8 362	1/8 126	1/8 126	3/16 860 732				2C4072	6
3.250	1/8 362	1/8 126	1/8 126	3/16 860 732				2C7789	4
3.250	1/8 032	1/8 126	1/8 126	3/16 860 732				7868	1
3.250	1/8 032	1/8 126	5/32 860 732	5/32 501				441	6

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.250	1/8 032	1/8 126	3/16 860					5060	4
			732						
3.250	1/8 362	1/8 126	3/16 860					2C5060	4
			732						
3.250	1/8 032	1/8 126	3/16 860					7843	2
			732						
3.250	1/8 362	1/8 126	3/16 860					2C7843	2
			732						
3.256	1.20 398	1.50 126	2.00 934					2C4909	4
			935						
3.256	1.50 362	1.50 126	4.00 058					2C4499	4
			732						
3.256	1.50 327	1.50 126	4.00 058					2M4499	4
			732						
3.256	1.50 032	1.75 401	3.00 054					4990	4
			732						
3.256	1.50 362	1.75 401	3.00 054					2C4990	4
			732						
3.264	1.50 362	1.75 126	3.00 054					2C5074	6
			732						
3.268	1.20 317	1.00 416	2.00 990					SN4173	6
			714						
3.268	1.20 317	1.20 406	2.00 990					SN4172	6
			714						
3.268	1.20 398	1.20 126	2.50 995					2C5316	4
			732						
3.268	1.20 398	1.20 126	2.80 861					2C4739	4
			732						
3.268	1.20 398	1.50 126	2.50 995					2C4510	1
			732						
3.268	1.20 398	1.50 126	3.00 054					2C4749	4
			732						
3.268	1.20 398	1.50 126	3.00 997					2C4771	4
			732						
3.268	1.20 398	1.50 126	4.00 056					2C4446	4
			732						
3.268	1.20 322	1.75 406	2.00 987					2N4055	4
			714						
3.268	1.20 398	1.75 126	3.00 997					2C4528	1
			732						
3.268	1.50 239	1.50 406	2.00 553					2D7528	4
			881						
3.268	1.50 032	1.50 126	2.80 861					4221	4
			732						
3.268	1.50 376	1.50 126	2.80 861					2C4221	4
			732						
3.268	1.50 032	1.50 126	3.00 054					4651	4
			732						
3.268	1.50 376	1.50 126	3.00 054					2C4651	4
			732						
3.268	1.50 326	1.50 435	3.00 987					2N4651	4
			714						
3.268	1.50 032	1.50 126	3.00 054					5573	4
			732						
3.268	1.50 376	1.50 126	3.00 054					2C5573	4
			732						
3.268	1.50 102	1.50 126	4.00 058					4951	4
			732						
3.268	1.50 362	1.50 126	4.00 058					2C4951	4
			732						
3.268	1.50 032	1.50 126	4.00 058					6162	6
			732						
3.268	1.50 362	1.50 126	4.00 058					2C6162	6
			732						
3.268	1.50 327	1.50 126	4.00 058					2M6162	6
			732						
3.268	1.50 376	1.50 126	4.00 058					2C5881	4
			732						
3.268	1.50 032	1.75 126	4.00 058					4614	4
			732						

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.268	1.50	362	1.75	126	4.00	058		2C4614	4
						732			
3.268	1.50	032	2.00	401	4.00	860		6148	6
						732			
3.268	1.50	362	2.00	401	4.00	860		2C6148	6
						732			
3.268	1.75	032	1.75	126	4.00	056		5046	4
						732			
3.268	1.75	362	1.75	126	4.00	056		2C5046	4
						732			
3.268	1.75	239	2.00	123	3.00	204		2D7534	6
						881			
3.268	2.00	255	1.75	123	2.00	248		2D7440	4
						881			
3.268	2.00	240	2.00	126	2.00	248		2D7367	1
						881			
3.268	2.00	220	2.00	126	2.00	248		2M7382	1
						881			
3.268	2.00	032	2.00	126	3.00	054		4865	4
						732			
3.268	2.00	362	2.00	126	3.00	204		2D4865	4
						881			
3.268	2.00	370	2.00	126	3.00	054		2C5016	4
						732			
3.268	2.00	239	2.00	123	3.00	204		2D7435	1
						881			
3.268	2.00	213	2.00	223	3.00	204		2D7468	1
						881			
3.268	2.00	227	2.00	123	3.00	203		2D7810	4
						881			
3.268	2.00	370	2.00	126	4.00	553		2D4223	4
						881			
3.268	2.00	102	2.00	401	4.00	058		5782	6
						732			
3.268	2.00	032	2.00	401	4.00	056		6793	4
						732			
3.268	2.00	362	2.00	401	4.00	056		2C6793	4
						732			
3.268	2.00	032	2.00	401	4.00	056		6831	4
						732			
3.268	2.00	362	2.00	401	4.00	056		2C6831	4
						732			
3.268	2.00	032	2.00	401	4.00	058		6856	6
						732			
3.268	2.00	362	2.00	401	4.00	058		2C6856	6
						732			
3.268	2.50	032	2.50	126	3.00	054		5376	2
						732			
3.268	3.00	221	2.00	202	3.00	204		2D7351	1
						881			
3.268	3.50	224	2.00	202	3.00	204		2M7157	1
						881			
3.276	1.50	326	1.75	406	3.00	987		2N4187	6
						714			
3.287	1.20	398	1.50	126	3.00	054		2C4928	6
						732			
3.307	1.00	398	1.20	126	2.80	861		SC8513	4
						732			
3.307	1.20	398	1.00	123	2.00	990		2C4434	4
						005			
3.307	1.20	398	1.20	126	2.00	993		2C5223	4
						005			
3.307	1.20	398	1.20	126	2.50	995		2C4521	4
						732			
3.307	1.20	398	1.20	126	2.50	995		2C4980	6
						732			
3.307	1.20	398	1.20	126	2.80	997		2C4973	4
						732			
3.307	1.20	326	1.20	126	2.80	997		2N4973	4
						732			

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.307	1.20	398	1.20	126	4.00	058 732		2C4644	6
3.307	1.20	398	1.50	126	2.00	993 005		2C4573	2
3.307	1.20	322	1.50	406	2.00	987 714		2N4573	4
3.307	1.20	398	1.50	126	2.50	995 732		2C4959	4
3.307	1.20	326	1.50	435	2.50	987 714		2N4959	4
3.307	1.20	398	1.50	126	2.50	995 732		2C5109	6
3.307	1.50	032	1.50	126	2.00	993 005		4557	2
3.307	1.50	362	1.50	126	2.00	993 005		2C4557	2
3.307	1.50	032	1.50	126	3.00	054 732		4555	4
3.307	1.50	362	1.50	126	3.00	054 732		2C4555	4
3.307	1.50	336	1.50	126	3.50	058 732		2M4955	4
3.307	1.50	032	1.50	126	4.00	058 732		4217	4
3.307	1.50	336	1.50	126	4.00	058 732		2M4217	4
3.307	1.50	362	1.75	401	3.00	054 732		2C4762	6
3.307	1.50	362	1.75	401	3.00	054 732		2C4763	4
3.307	1.50	032	1.75	401	4.00	056 732		4250	4
3.307	1.50	362	1.75	401	4.00	056 732		2C4250	4
3.307	1.50	102	1.75	401	4.50	871 732		4280	4
3.307	1.50	362	1.75	401	4.50	871 732		2C4280	4
3.307	1.50	102	2.00	401	4.00	056 732		4340	6
3.307	1.50	362	2.00	401	4.00	056 732		2C4340	6
3.307	1.50	032	2.00	126	4.00	058 732		4788	4
3.307	1.50	362	2.00	126	4.00	058 732		2C4788	4
3.307	1.50	102	2.00	401	4.00	056 732		9516	4
3.307	1.50	362	2.00	401	4.00	056 732		2C9516	4
3.307	1.75	322	1.75	406	2.00	248 881		2D7816	1
3.307	1.75	205	1.75	218	3.00	204 881		2D7167	1
3.307	2.00	205	1.75	218	3.00	204 881		2D7290	1
3.307	2.00	255	2.00	126	2.00	553 881		2D7308	1
3.307	2.00	032	2.00	126	4.00	058 732		4247	4
3.307	2.00	362	2.00	126	4.00	058 732		2C4247	4
3.307	2.00	032	2.00	401	4.50	871 732		6713	4
3.307	2.00	362	2.00	401	4.50	871 732		2C6713	4
3.307	2.00	032	3.00	401	5.00	871 732		5925	4
3.307	2.00	362	3.00	401	5.00	871 732		2C5925	4

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.307	2.00 032	3.00 401	5.00 871 732					6137	6
3.307	2.00 362	3.00 401	5.00 871 732					2C6137	6
3.307	2.50 241	1.75 218	3.00 204 881					2D7376	1
3.307	2.50 205	2.00 202	2.00 248 881					2D7374	1
3.307	2.50 211	2.00 210	2.00 248 881					2D7343	1
3.307	2.50 217	2.00 210	3.00 204 881					2C7288	1
3.307	2.50 241	2.00 214	3.00 204 881					2D7455	1
3.307	3.00 221	2.00 210	2.00 248 881					2D7299	1
3.307	3.00 221	2.00 406	3.00 203 881					2D7279	1
3.310	1.50 032	1.50 401	4.00 056 732					6152	4
3.310	1.50 376	1.50 401	4.00 056 732					2C6152	4
3.310	2.00 032	2.00 401	4.00 056 732					9101	4
3.310	2.00 362	2.00 401	4.00 056 732					2C9101	4
3.313	1/16 102	1/16 102	5/32 860 732					6955	1
3.313	1/16 102	1/16 102	3/16 860 732					7024	2
3.313	1/16 102	5/32 860 732						6950	1
3.313	5/64 032	5/64 401	3/16 860 732					6726	4
3.313	5/64 032	3/32 126	3/32 126	1/4 860 732				6912	6
3.313	3/32 032	3/32 126	5/32 860 732	5/32 501 901				4233	6
3.313	3/32 032	3/32 126	5/32 860 732	5/32 501				7537	4
3.313	3/32 032	3/32 126	3/16 860 732					6627	1
3.313	3/32 032	3/32 126	3/16 860 732					473	6
3.313	1/8 362	1/8 126	1/8 126	3/16 860 732				2C7578	4
3.325	3.00 378	2.00 406	3.00 553 881					2D7803	1
3.327	1.20 398	1.20 610	2.00 993 005					2C5303	6
3.327	1.50 032	1.50 126	2.80 861 732					4681	4
3.327	1.50 363	1.50 126	2.80 861 732					2C4681	4
3.327	1.50 032	1.50 126	3.00 054 732					4750	6
3.327	1.50 362	1.50 126	3.00 054 732					2C4750	6
3.327	1.50 032	1.50 126	4.00 056 732					6156	4
3.327	1.50 363	1.50 126	4.00 056 732					2C6156	4
3.327	2.00 376	2.00 126	3.00 553 881					2D4954	4
3.338	1.50 032	1.50 126	3.00 054 732					4635	4
3.338	1.50 362	1.50 126	3.00 054 732					2C4635	4
3.338	1.50 363	1.50 126	3.00 054 732					2C4834	4

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.338	1.50	032	1.75	126	4.00	058 732		4848	4
3.338	1.50	327	1.75	126	4.00	058 732		2M4848	4
3.338	1.50	032	1.75	126	4.00	056 732		6193	4
3.338	1.50	362	1.75	126	4.00	056 732		2C6193	4
3.338	1.50	327	1.75	126	4.00	056 732		2M6193	4
3.341	1.20	398	1.50	126	2.50	995 732		2C4992	4
3.341	1.20	398	1.50	126	3.00	054 732		2C5150	4
3.341	1.20	398	1.75	126	3.00	054 732		2C4991	4
3.341	1.50	032	1.50	126	3.00	054 732		4889	4
3.341	1.50	335	1.50	126	3.00	054 732		2M4889	4
3.341	1.50	032	1.75	126	3.00	054 732		4887	4
3.341	1.50	327	1.75	126	3.00	054 732		2M4887	4
3.341	1.50	335	1.75	130	3.00	054 732		2M4987	4
3.344	5/64	032	5/64	126	3/16	860 732		834	6
3.344	5/64	362	5/64	126	3/16	860 732		2C834	6
3.346	1.20	398	1.20	126	2.00	993 732		2C4558	4
3.346	1.20	398	1.20	126	2.80	861 732		2C4654	4
3.346	1.20	398	1.20	126	2.80	997 732		2C4779	5
3.346	1.20	398	1.50	126	2.00	993 005		2C5203	4
3.346	1.20	398	1.50	126	2.50	995 732		2C4106	4
3.346	1.20	220	1.50	406	2.50	995 732		2M4106	4
3.346	1.20	398	1.50	126	2.80	997 732		2C4933	4
3.346	1.20	398	1.50	126	3.00	054 732		2C4613	4
3.346	1.20	398	1.50	126	3.00	997 732		2C4768	4
3.346	1.50	032	1.50	126	4.00	056 732		6899	4
3.346	1.50	362	1.50	126	4.00	056 732		2C6899	4
3.346	1.50	327	1.50	126	4.00	056 732		2M6899	4
3.346	1.50	362	2.00	401	3.00	054 732		2C9340	4
3.346	2.00	362	1.50	126	4.00	058 732		2C4661	4
3.346	2.00	272	2.00	123	2.00	248 881		2D4143	4
3.346	2.00	225	2.00	210	3.00	204 881		2C7425	1
3.346	2.00	032	2.00	126	4.00	058 732		6171	4
3.346	2.00	362	2.00	126	4.00	058 732		2C6171	4
3.346	2.00	032	2.00	401	4.00	056 732		6872	4
3.346	2.00	362	2.00	401	4.00	056 732		2C6872	4

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.346	2.00 376	2.00 126	4.00 553 881					2D5058	6
3.346	2.00 032	2.00 126	5.00 871 732					4415	4
3.346	2.00 362	2.00 126	5.00 871 732					2C4415	4
3.346	2.50 274	1.50 406	2.00 203 881					2D7811	4
3.346	2.50 273	2.00 126	2.00 248 881					2D7549	4
3.346	2.50 032	2.50 401	5.00 871 732					5993	4
3.346	2.50 362	2.50 401	5.00 871 732					2C5993	4
3.346	2.50 032	2.50 401	5.00 871 732					5994	6
3.346	2.50 362	2.50 401	5.00 871 732					2C5994	6
3.346	3.00 362	3.00 032	3.00 401	5.50 860 732				2C6832	4
3.346	3.50 213	2.00 210	3.00 204 881					2D7176	1
3.358	1.50 376	1.75 406	3.00 553 881					2C4192	4
3.366	1.50 102	1.75 126	4.00 058 732					4664	4
3.366	1.50 362	1.75 126	4.00 058 732					2C4664	4
3.366	1.75 032	2.00 401	5.00 860 732					6165	4
3.366	1.75 362	2.00 401	5.00 860 732					2C6165	4
3.366	1.75 202	2.00 406	5.00 553 881					5277	4
3.366	2.00 102	2.00 401	5.00 871 732					4841	4
3.366	2.00 363	2.00 126	5.00 871 732					2C4841	4
3.366	2.00 032	2.00 401	5.00 871 732					6781	4
3.366	2.00 362	2.00 401	5.00 871 732					2C6781	4
3.366	2.00 032	3.00 401	5.00 860 732					6772	4
3.374	2.50 032	2.50 401	4.75 871 732					5738	6
3.374	2.50 362	2.50 401	4.75 871 732					2C5738	6
3.375	5/64 032	5/64 126	3/16 860 732					474	8
3.375	5/64 032	5/64 126	3/16 860 732					662	6
3.375	5/64 362	5/64 126	3/16 860 732					2C662	6
3.375	5/64 032	5/64 126	3/16 860 732					6474	1
3.375	5/64 362	5/64 126	3/16 860 732					2C6474	1
3.375	5/64 032	5/64 401	3/16 860 732					6874	4
3.375	5/64 362	5/64 401	3/16 860 732					2C6874	4
3.375	3/32 102	3/32 102	3/32 102	3/16 871 732	3/16 501			5960	4
3.375	3/32 362	3/32 126	3/32 126	3/16 860 732				2C7671	4
3.375	3/32 362	3/32 126	3/32 126	1/4 860 732				2C7558	4
3.375	3/32 362	3/32 102	5/32 860 732	5/32 501				2C438	6

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.375	3/32	362	3/32 126	3/16 860				2C7144	4
				732					
3.375	3/32	362	1/8 126	1/8 126	1/4 860			2C7207	4
					732				
3.375	1/8	032	1/8 126	1/8 126	3/16 860			7762	4
					732				
3.375	1/8	362	1/8 126	1/8 126	3/16 860			2C7762	4
					732				
3.375	1/8	362	1/8 126	1/8 126	1/4 553			2D7536	4
					881				
3.375	1/8	362	5/32 102	5/32 401	1/4 860			2C726	4
					732				
3.386	1.20	398	1.20 126	2.00 993				2C4835	4
				005					
3.386	1.20	398	1.20 126	2.00 993				2C5089	4
				005					
3.386	1.20	398	1.20 126	2.00 248				2C7194	4
				881					
3.386	1.20	398	1.20 126	2.80 997				2C4969	4
				732					
3.386	1.20	398	1.20 126	2.80 997				2C4971	6
				732					
3.386	1.20	398	1.20 126	3.00 997				2C5005	4
				732					
3.386	1.20	398	1.50 126	2.00 993				2C4179	4
				005					
3.386	1.20	398	1.50 126	2.00 993				2C5239	6
				005					
3.386	1.20	398	1.50 126	2.00 993				2C5302	8
				005					
3.386	1.20	398	1.50 126	2.50 995				2C4703	4
				732					
3.386	1.20	398	1.50 126	2.50 995				2C5130	4
				732					
3.386	1.20	322	1.50 435	2.50 995				2N5130	4
				732					
3.386	1.20	398	1.50 126	2.50 995				2C5142	8
				732					
3.386	1.20	322	1.50 406	2.50 987				2N4189	4
				714					
3.386	1.20	398	1.50 435	3.00 054				2C4996	6
				732					
3.386	1.20	398	1.50 435	4.00 058				2C4653	4
				732					
3.386	1.50	032	1.50 435	2.80 861				4754	6
				732					
3.386	1.50	376	1.50 435	2.80 861				2C4754	6
				732					
3.386	1.50	397	1.50 435	2.80 861				2M4754	6
				732					
3.386	1.50	032	1.50 126	3.00 872				4601	4
				732					
3.386	1.50	397	1.50 126	3.00 872				2M4601	4
				732					
3.386	1.50	335	1.50 126	3.00 997				2M4896	6
				732					
3.386	1.50	397	1.50 126	3.00 054				2M4946	6
				732					
3.386	1.50	397	1.50 126	3.00 872				2M5094	6
				732					
3.386	1.50	032	1.50 435	4.00 058				4219	4
				732					
3.386	1.50	362	1.50 435	4.00 058				2C4219	4
				732					
3.386	1.50	327	1.50 435	4.00 058				2M4219	4
				732					
3.386	1.50	376	1.50 435	4.00 058				2C4713	6
				732					
3.386	1.50	032	1.50 435	4.00 058				5664	4
				732					

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.386	1.50	362	1.50	435	4.00	058		2C5664	4
						732			
3.386	1.50	397	1.50	435	4.00	058		2M5664	4
						732			
3.386	1.50	322	1.50	126	4.00	987		2N5664	4
						714			
3.386	1.50	032	1.75	126	3.00	054		5065	4
						732			
3.386	1.50	397	1.75	126	3.00	054		2M5065	4
						732			
3.386	1.50	032	2.00	126	4.00	056		6142	6
						732			
3.386	1.50	362	2.00	126	4.00	056		2C6142	6
						732			
3.386	1.50	376	2.00	126	4.00	056		2C6150	6
						732			
3.386	1.50	032	2.00	435	4.00	056		9514	4
						732			
3.386	1.50	362	2.00	435	4.00	056		2C9514	4
						732			
3.386	1/16	102	1/16	102	5/32	058		6735	4
						732			
3.386	1/16	362	1/16	102	5/32	058		2C6735	4
						732			
3.386	1.60	102	1.75	126	3.00	997		4876	4
						732			
3.386	1.60	362	1.75	126	3.00	997		2C4876	4
						732			
3.386	1.75	032	1.50	126	4.00	058		5281	4
						732			
3.386	1.75	362	2.50	401	4.00	056		2C4303	6
						732			
3.386	2.00	226	1.50	218	2.00	248		2C7465	1
						881			
3.386	2.00	212	2.00	210	2.00	248		2D7451	1
						881			
3.386	2.00	335	2.00	435	3.00	553		2D4989	4
						881			
3.386	2.00	212	2.00	210	3.00	204		2D7365	1
						881			
3.386	2.00	385	2.00	135	3.00	203		2D7809	4
						881			
3.386	2.00	032	2.00	126	4.00	860		4394	6
						732			
3.386	2.00	362	2.00	126	4.00	860		2C4394	6
						732			
3.386	2.00	336	2.00	435	4.00	553		2D4210	4
						881			
3.386	2.00	032	2.50	401	4.00	860		6846	4
						732			
3.386	2.00	362	2.50	401	4.00	860		2C6846	4
						732			
3.386	2.50	211	2.00	210	3.00	204		2D7145	1
						881			
3.386	2.50	212	2.00	202	3.00	204		2D7329	1
						881			
3.386	2.50	362	2.00	435	5.00	553		2D4390	4
						881			
3.386	2.50	372	2.50	401	3.00	204		2D5043	4
						881			
3.391	5/64	032	5/64	126	5/32	860		674	4
						732			
3.391	5/64	362	5/64	126	5/32	860		2C674	4
						732			
3.394	1.60	032	2.00	401	4.00	056		4900	4
						732			
3.394	1.60	363	2.00	401	4.00	056		2C4900	4
						732			
3.394	2.50	227	2.00	202	3.00	204		2C7498	1
						881			

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.400	5/64 032	5/64 126	3/16 860					687	6
			732						
3.400	5/64 362	5/64 126	3/16 860					2C687	6
			732						
3.400	5/64 327	5/64 126	3/16 860					2M687	6
			732						
3.401	1.50 032	1.50 126	3.00 054					4523	4
			732						
3.401	1.50 363	1.50 126	3.00 054					2C4523	4
			732						
3.401	1.50 032	1.75 401	3.00 054					4800	4
			732						
3.401	1.50 363	1.75 401	3.00 054					2C4800	4
			732						
3.401	1.50 362	2.00 401	3.00 054					2C4519	4
			732						
3.401	1.50 032	2.00 401	4.00 058					4804	4
			732						
3.401	1.50 363	2.00 401	4.00 058					2C4804	4
			732						
3.401	1.50 032	2.00 401	4.00 860					6139	4
			732						
3.401	1.50 362	2.00 401	4.00 860					2C6139	4
			732						
3.405	1.20 398	1.50 126	2.80 997					2C4780	4
			732						
3.405	1.20 398	1.50 126	3.00 997					2C4783	4
			732						
3.405	1.50 032	1.50 126	4.00 058					4638	4
			732						
3.405	1.50 362	1.50 126	4.00 058					2C4638	4
			732						
3.405	2.00 032	2.00 126	2.50 126	4.00 860				9505	6
				732					
3.405	2.00 362	2.00 126	2.50 126	4.00 056				2C9505	6
				732					
3.405	2.00 362	2.00 401	4.00 056					2C5591	4
			732						
3.406	2.00 032	2.50 126	5.00 871					4466	4
			732						
3.406	2.00 362	2.50 126	5.00 871					2C4466	4
			732						
3.413	1.20 398	1.20 435	2.00 993					2C5384	6
			732						
3.413	1.20 398	1.20 126	2.50 995					2C5265	6
			732						
3.425	1.20 398	1.00 123	2.00 993					2C4122	4
			005						
3.425	1.20 398	1.20 126	2.00 993					2C5147	4
			005						
3.425	1.20 398	1.20 126	2.00 990					2C5148	4
			732						
3.425	1.20 398	1.20 126	2.50 995					2C5179	4
			732						
3.425	1.20 398	1.20 126	2.80 997					2C4767	4
			732						
3.425	1.20 398	1.20 126	3.00 997					2C5006	4
			732						
3.425	1.20 398	1.20 435	3.00 987					2N5006	4
			714						
3.425	1.20 398	1.20 126	4.00 058					2C4645	6
			732						
3.425	1.20 398	1.50 126	3.00 872					2C4895	8
			732						
3.425	1.50 362	1.50 102	2.50 401	4.00 056				2C4542	4
				732					
3.425	1.50 032	1.50 126	2.80 861					6196	6
			732						
3.425	1.50 335	1.50 126	2.80 861					2M6196	6
			732						

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.425	1.50	032	1.50	126	3.00	997 732		4686	4
3.425	1.50	397	1.50	126	3.00	997 732		2M4686	4
3.425	1.50	102	1.50	102	3.00	054 732		4756	1
3.425	1.50	032	1.50	126	3.00	872 732		4761	8
3.425	1.50	335	1.50	126	3.00	872 732		2M4761	8
3.425	1.50	362	1.50	102	4.00	872	732	2C4299	4
3.425	1.50	335	1.50	102	4.00	058 732		2M4207	4
3.425	1.50	102	1.50	102	4.00	058 732		6149	4
3.425	1.50	362	1.50	102	4.00	058 732		2C6149	4
3.425	1.50	327	1.50	102	4.00	058 732		2M6149	4
3.425	1.50	362	2.50	401	4.00	056 732		2C7275	4
3.425	1.75	032	2.00	126	4.00	056 732		5497	4
3.425	5/64	032	5/64	401	5/32	056 732		5957	6
3.425	5/64	362	5/64	401	5/32	056 732		2C5957	6
3.425	2.00	362	1.50	126	2.80	861 732		2C6239	6
3.425	2.00	362	2.00	126	3.00	054 732		2C5163	1
3.425	2.00	032	2.00	126	4.00	056 732		6157	4
3.425	2.00	362	2.00	126	4.00	056 732		2C6157	4
3.425	2.00	327	2.00	126	4.00	056 732		2M6157	4
3.425	2.00	032	2.00	126	5.00	871 732		4416	6
3.425	2.00	362	2.00	126	5.00	871 732		2C4416	6
3.425	2.00	032	2.00	126	5.00	871 732		4298	4
3.425	2.00	362	2.00	126	5.00	871 732		2C4298	4
3.425	2.00	032	2.50	126	4.00	056 732		4320	4
3.425	2.00	362	2.50	126	4.00	056 732		2C4320	4
3.425	2.50	220	1.75	209	2.50	204 881		2M7298	1
3.425	2.50	222	2.00	214	3.00	204 881		2D7495	1
3.425	2.50	220	2.00	126	3.00	204 881		2D5627	1
3.425	3.00	228	1.75	209	2.50	204 881		2M7349	1
3.425	3.00	363	2.00	401	4.00	056 732		2C9506	4
3.433	2.00	032	2.50	401	4.00	860 732		6830	4
3.433	2.00	362	2.50	401	4.00	860 732		2C6830	4
3.438	1/16	032	1/16	126	1/8	860 732		669	6
3.438	1/16	362	1/16	126	1/8	860 732		2C669	6
3.438	1/16	327	1/16	126	1/8	860 732		2M669	6
3.438	1/16	327	1/16	126	5/32	860 732		2M4916	1

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.438	1/16 032	1/16 126	3/16 501					4609	2
3.438	1/16 032	1/16 126	3/16 860					6482	2
			732						
3.438	1/16 327	1/16 126	3/16 860					2M6482	2
			732						
3.438	5/64 032	5/64 126	3/16 860					627	8
			732						
3.438	5/64 032	5/64 126	3/16 860					663	6
			732						
3.438	5/64 362	5/64 126	3/16 860					2C663	6
			732						
3.438	5/64 362	5/64 362	3/16 860					2C6638	1
			732						
3.438	5/64 032	3/32 126	3/32 126	1/4 860				6677	4
				732					
3.438	5/64 362	3/32 126	3/32 126	1/4 860				2C6677	4
				732					
3.438	5/64 327	3/32 126	3/32 126	1/4 860				2M6677	4
				732					
3.438	5/64 032	3/32 126	3/32 126	1/4 860				6678	6
				732					
3.438	5/64 362	3/32 126	3/32 126	1/4 860				2C6678	6
				732					
3.438	3/32 362	3/32 126	3/32 126	3/16 860	3/16 501			2C7585	4
				732					
3.438	3/32 032	3/32 126	3/32 126	3/16 860				7705	4
				732					
3.438	3/32 362	3/32 126	3/32 126	3/16 860				2C7705	4
				732					
3.438	3/32 362	3/32 126	3/32 126	1/4 860				2C5669	4
				732					
3.438	3/32 362	3/32 126	3/32 126	1/4 860				2C7681	4
				732					
3.438	3/32 362	3/32 126	1/8 126	1/4 860				2C7790	4
				732					
3.438	3/32 032	3/32 126	5/32 860	5/32 501				445	6
			732						
3.438	3/32 362	3/32 126	5/32 860	5/32 501				2C445	6
			732						
3.438	3/32 032	3/32 126	3/16 860					618	6
			732						
3.438	3/32 032	3/32 126	3/16 860	3/16 501				429	8
			732						
3.438	3/32 362	3/32 126	3/16 860					2C5127	6
			732						
3.438	3/32 032	3/32 126	3/16 501					5193	2
3.438	3/32 362	3/32 126	3/16 860					2C5193	2
			732						
3.438	3/32 032	3/32 126	3/16 860					6588	1
			732						
3.438	3/32 362	3/32 126	3/16 860					2C6588	1
			732						
3.438	3/32 362	3/32 126	3/16 860					2C7501	4
			732						
3.438	3/32 032	1/8 126	1/8 126	3/16 860	3/16 501			4288	4
				732					
3.438	3/32 362	1/8 126	1/8 126	3/16 860	3/16 501			2C4288	4
				732					
3.438	3/32 032	1/8 126	1/8 126	3/16 860	3/16 501			5106	6
				732					
3.438	3/32 362	1/8 126	1/8 126	3/16 860	3/16 501			2C5106	6
				732					
3.438	3/32 362	1/8 126	3/16 860					2C4878	6
			732						
3.438	3/32 362	1/8 126	3/16 860	3/16 501				2C5263	6
			732						
3.438	1/8 032	1/8 126	1/8 126	3/16 860				5063	4
				732					
3.438	1/8 362	1/8 126	1/8 126	3/16 860				2C5063	4
				732					

CYL DIA	1ST	GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL		
3.438	1/8	362	1/8	126	1/8	126	3/16	501 825	3/16	501	2C5102	6
3.445	1.20	398	1.20	126	2.00	993 005					2C5282	4
3.445	1.20	326	1.20	126	2.00	993 005					2N5282	4
3.445	1.20	398	1.20	126	2.50	995 732					2C5158	4
3.445	1.20	326	1.20	126	2.50	987 714					2N5158	4
3.445	1.20	398	1.20	126	3.00	872 732					2C4759	4
3.445	1.20	398	1.20	126	3.00	997 732					2C4902	6
3.445	1.20	398	1.50	126	2.00	993 005					2C4150	4
3.445	1.20	398	1.50	126	2.50	995 732					2C4174	4
3.445	1.20	398	1.50	126	2.50	995 732					2C5125	4
3.445	1.20	398	1.50	126	2.50	995 732					2C5131	6
3.445	1.20	398	1.50	126	3.00	872 732					2C4948	4
3.445	1.50	397	1.50	126	2.00	993 005					2M5168	4
3.445	1.50	335	1.50	126	3.00	997 732					2M4676	6
3.445	1.50	335	1.50	126	3.00	997 732					2M4678	8
3.445	1.50	397	1.50	126	3.00	054 732					2M4734	4
3.445	1.50	335	1.50	126	4.00	056 732					2M4206	4
3.445	1.50	032	1.50	126	4.00	872 732					4222	4
3.445	1.50	362	1.50	126	4.00	872 732					2C4222	4
3.445	1.50	335	1.50	126	4.00	872 732					2M4222	4
3.445	1.50	032	1.50	126	4.00	856 732					4689	6
3.445	1.50	397	1.50	126	4.00	856 732					2M4689	6
3.445	1.50	335	1.50	126	4.00	872 732					2M4880	4
3.445	1.50	032	1.50	126	4.00	056 732					5652	4
3.445	1.50	363	1.50	126	4.00	056 732					2C5652	4
3.445	1.50	327	1.50	126	4.00	056 732					2M5652	4
3.449	1.20	398	1.00	123	2.00	990 732					2C5146	6
3.461	1.20	398	1.50	126	3.00	997 732					2C4817	4
3.464	1.20	398	1.20	126	2.00	993 005					2C5297	4
3.464	1.20	398	1.50	126	2.00	993 005					2C4437	8
3.464	1.20	398	1.50	126	2.00	993 005					2C4564	4
3.464	1.20	398	1.50	126	2.50	995 732					2C5228	4
3.464	1.20	398	1.50	126	2.80	997 732					2C4567	6
3.464	1.50	335	1.50	126	3.00	872 005					2M4447	8
3.464	1.50	362	1.50	126	4.00	856 732					2C4365	4

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.464	1.50	322	1.75 406	2.50	987			2N4059	6
					714				
3.464	1.50	362	1.75 126	4.00	056			2C4290	6
					732				
3.464	1.50	032	2.00 401	4.00	056			4488	6
					732				
3.464	1.50	362	2.00 401	4.00	056			2C4488	6
					732				
3.464	1.50	032	2.00 126	4.00	056			4279	4
					732				
3.464	1.50	362	2.00 126	4.00	056			2C4279	4
					732				
3.464	1.75	327	2.00 126	4.00	872			2M4455	4
					732				
3.464	1.75	032	2.00 126	4.00	056			4257	4
					732				
3.464	1.75	327	2.00 126	4.00	056			2M4257	4
					732				
3.464	2.00	032	2.00 126	2.00	126	4.50	871	6861	4
							732		
3.464	2.00	362	2.00 126	2.00	126	4.50	871	2C6861	4
							732		
3.464	2.00	362	2.00 032	2.00	401	5.00	553	2D4423	4
							881		
3.464	2.00	032	2.00 126	2.80	999			6121	1
					732				
3.464	2.00	032	2.00 126	4.00	872			5654	8
					732				
3.464	2.00	362	2.00 126	4.00	872			2C5654	8
					732				
3.464	2.00	327	2.00 126	4.00	872			2M5654	8
					732				
3.464	2.00	032	2.00 401	5.00	871			6837	4
					732				
3.464	2.00	362	2.00 401	5.00	871			2C6837	4
					732				
3.464	2.00	032	2.50 401	4.00	056			6854	4
					732				
3.464	2.00	362	2.50 401	4.00	056			2C6854	4
					732				
3.465	2.50	221	2.00 206	2.50	204			2D7138	1
					881				
3.465	2.50	212	2.00 229	3.00	204			2D7291	1
					881				
3.484	1.00	398	1.00 123	2.00	991			2C5267	4
					005				
3.484	1.20	398	1.20 126	2.00	991			2C5090	4
					005				
3.484	1.20	322	1.20 435	2.00	987			2N5090	4
					714				
3.484	1.50	335	1.75 126	3.00	054			2M4976	6
					732				
3.484	2.00	032	2.50 401	4.00	056			5623	4
					732				
3.484	2.00	362	2.50 401	4.00	056			2C5623	4
					732				
3.484	2.00	032	2.50 401	4.00	860			6886	4
					732				
3.484	2.00	362	2.50 401	4.00	860			2C6886	4
					732				
3.496	1.50	362	1.50 126	3.00	054			2C5283	6
					732				
3.497	1.20	397	1.50 126	2.50	872			2M5069	1
					005				
3.497	1/16	032	1/16 126	5/32	860			6164	2
					732				
3.497	1/16	327	1/16 126	5/32	860			2M6164	2
					732				
3.498	1/16	327	1/16 126	5/32	860			2M4917	1
					732				

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.498	1/16 032	1/16 126	3/16 860 732					6127	2
3.498	1/16 327	1/16 126	3/16 860 732					2M6127	2
3.500	1/16 102	1/16 102	5/32 056 732					7002	1
3.500	1.60 032	1.60 126	4.75 860 732					4289	8
3.500	1.60 362	1.60 126	4.75 860 732					2C4289	8
3.500	1.75 362	2.00 401	4.00 860 732					2C6167	4
3.500	1.75 362	2.00 401	4.00 860 732					2C6168	6
3.500	5/64 032	5/64 126	3/16 860 732					582	6
3.500	5/64 362	5/64 126	3/16 860 732					2C582	6
3.500	5/64 327	5/64 126	3/16 860 732					2M582	6
3.500	5/64 032	5/64 126	3/16 860 732					652	8
3.500	5/64 363	5/64 126	3/16 860 732					2C652	8
3.500	5/64 327	5/64 126	3/16 860 732					2M652	8
3.500	5/64 032	5/64 401	3/16 860 732					6825	6
3.500	5/64 032	5/64 401	3/16 860 732					6810	4
3.500	5/64 327	5/64 401	3/16 860 732					2M6810	4
3.500	3/32 032	3/32 126	3/32 126	3/16 860 732				7119	4
3.500	3/32 362	3/32 126	3/32 126	3/16 860 732				2C7119	4
3.500	3/32 032	3/32 126	3/32 126	1/4 860 732				7123	4
3.500	3/32 362	3/32 126	3/32 126	1/4 860 732				2C7123	4
3.500	3/32 362	3/32 126	3/32 126	1/4 860 732				2C7503	4
3.500	3/32 032	3/32 126	3/16 860 732					458	8
3.500	3/32 362	3/32 126	3/16 860 732					2C534	6
3.500	3/32 032	3/32 126	3/16 860 732					562	8
3.500	3/32 362	3/32 126	3/16 860 732					2C562	8
3.500	3/32 032	3/32 126	3/16 860 732	3/16 501				611	6
3.500	3/32 362	3/32 126	3/16 860 732					2C6189	4
3.500	3/32 032	3/32 126	3/16 501					6427	1
3.500	3/32 032	1/8 126	3/16 860 732					4048	8
3.500	3/32 032	1/8 126	3/16 860 732	3/16 501				6130	1
3.500	3/32 362	1/8 126	3/16 860 732	3/16 501				2C6130	1
3.500	1/8 362	1/8 126	1/8 126	3/16 860 732				2C5117	4
3.500	1/8 032	1/8 126	3/16 860 732					133	6
3.500	1/8 362	1/8 126	3/16 860 732					2C133	6
3.500	1/8 032	1/8 126	3/16 860 732	3/16 501				6337	6
3.500	1/8 362	1/8 126	3/16 860 732					2C7844	2

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.504	1.00	398	1.20	126	1.50	981 005		2C5225	6
3.504	1.20	398	1.20	126	2.00	990 732		2C4516	4
3.504	1.20	398	1.20	126	2.50	995 732		2C5099	4
3.504	1.20	398	1.20	126	2.50	995 732		2C5162	4
3.504	1.20	398	1.20	126	2.80	997 732		2C4972	6
3.504	1.20	398	1.50	126	2.00	991 005		2C4204	6
3.504	1.20	398	1.50	126	2.50	995 732		2C4701	6
3.504	1.20	398	1.50	126	2.50	872 005		2C5077	6
3.504	1.20	398	1.50	126	2.80	861 732		2C4650	6
3.504	1.20	398	1.50	126	3.00	872 005		2C4888	6
3.504	1.20	398	1.50	126	3.00	997 732		2C4979	6
3.504	1.20	397	1.50	126	3.00	997 732		2M4979	6
3.504	1.50	032	1.50	126	2.80	861 732		4660	4
3.504	1.50	363	1.50	126	2.80	861 732		2C4660	4
3.504	1.50	032	1.50	126	3.00	872 005		5107	6
3.504	1.50	397	1.50	126	3.00	872 005		2M5107	6
3.504	1.50	032	1.50	126	3.00	872 005		6209	4
3.504	1.50	397	1.50	126	3.00	872 005		2M6209	4
3.504	1.50	032	1.50	126	4.00	872 732		4456	6
3.504	1.50	397	1.50	126	4.00	872 732		2M4456	6
3.504	1.50	032	1.50	126	4.00	056 732		5673	4
3.504	1.50	363	1.50	126	4.00	056 732		2C5673	4
3.504	1.50	032	1.50	126	4.00	052 005		5762	6
3.504	1.50	363	1.50	126	4.00	052 005		2C5762	6
3.504	1.50	397	1.50	126	4.00	052 005		2M5762	6
3.504	1.50	032	1.50	126	4.75	860 732		4256	4
3.504	1.50	397	1.50	126	4.75	860 732		2M4256	4
3.504	1.50	032	1.50	126	4.75	872 732		6169	4
3.504	1.50	397	1.50	126	4.75	872 732		2M6169	4
3.504	1.50	397	2.00	126	3.50	056 732		2M5145	6
3.504	1.50	032	2.00	126	4.75	860 732		4408	4
3.504	1.50	397	2.00	126	4.75	860 732		2M4408	4
3.504	1.50	032	2.00	126	4.75	860 732		5632	6
3.504	1.50	363	2.00	126	4.75	860 732		2C5632	6
3.504	1.50	397	2.00	126	4.75	860 732		2M5632	6

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.504	1.50	032	2.00	126	4.75	872		5650	4
						732			
3.504	1.50	397	2.00	126	4.75	872		2M5650	4
						732			
3.504	1.50	032	2.00	126	4.75	872		6194	6
						732			
3.504	1.50	397	2.00	126	4.75	872		2M6194	6
						732			
3.504	1.75	327	2.00	126	3.50	056		2M4820	4
						732			
3.504	1.75	376	2.00	126	4.00	056		2C4214	4
						732			
3.504	1.75	362	2.00	126	4.00	056		2C4228	6
						732			
3.504	2.00	032	1.50	126	4.00	056		4452	4
						732			
3.504	2.00	362	1.50	126	4.00	056		2C4452	4
						732			
3.504	2.00	327	1.50	126	4.00	056		2M4452	4
						732			
3.504	2.00	389	2.00	135	3.00	203		2D7531	4
						881			
3.504	2.00	032	2.00	126	4.75	860		4705	4
						732			
3.504	2.00	362	2.00	126	4.75	860		2C4705	4
						732			
3.504	2.50	230	1.75	209	2.50	204		2M7423	1
						881			
3.504	2.50	244	2.00	229	3.00	204		2C7292	1
						881			
3.504	2.50	376	2.00	126	4.50	553		2D5674	4
						881			
3.504	3.00	228	1.75	218	2.50	204		2M7328	1
						881			
3.512	1.20	398	1.20	126	2.50	995		2C5863	6
						005			
3.516	1.50	032	1.50	126	4.00	058		4603	4
						732			
3.516	1.50	363	1.50	126	4.00	058		2C4603	4
						732			
3.516	2.00	032	2.00	126	4.75	860		5690	4
						732			
3.516	2.00	362	2.00	126	4.75	860		2C5690	4
						732			
3.516	2.00	327	2.00	126	4.75	860		2M5690	4
						732			
3.524	1.20	398	1.50	126	2.50	995		2C4963	6
						005			
3.528	1.60	337	1.50	406	2.50	995		2M4085	4
						732			
3.539	1.50	327	1.75	126	3.00	054		2M5070	2
						732			
3.539	2.00	205	2.00	234	2.00	248		2D7377	1
						881			
3.539	2.50	211	2.00	229	3.00	204		2D7368	1
						881			
3.543	1.00	398	1.00	123	2.00	991		2C4132	4
						005			
3.543	1.20	398	1.20	126	2.50	995		2C5278	4
						732			
3.543	1.20	398	1.20	126	2.80	861		2C4667	6
						732			
3.543	1.20	398	1.50	126	3.00	872		2C4898	4
						732			
3.543	1.20	397	1.50	126	3.00	872		2M4898	4
						732			
3.543	1.50	335	1.20	126	2.80	861		2M4940	6
						732			
3.543	1.50	335	1.50	126	2.50	995		2M4197	4
						732			

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.543	1.50 363	1.50 126	4.00 056 732					2C4679	6
3.543	1.50 335	1.50 126	4.00 056 732					2M4679	6
3.543	1/16 362	5/64 126	5/32 056 732					2C4441	12
3.543	1.75 032	2.00 401	4.00 860 732					5562	4
3.543	1.75 362	2.00 401	4.00 860 732					2C5562	4
3.543	2.00 032	2.00 126	2.00 126	4.50 860 732				5486	4
3.543	2.00 362	2.00 126	2.00 126	4.50 553 881				2D5486	4
3.543	2.00 032	2.00 126	4.50 860 732					4171	4
3.543	2.00 362	2.00 401	5.00 871 732					2C6864	4
3.543	2.00 032	2.50 126	4.00 860 732	4.00 501				4229	6
3.543	2.00 362	2.50 126	4.00 860 732	4.00 501				2C4229	6
3.543	2.00 032	3.00 126	4.00 860 732					4276	4
3.543	2.00 032	3.00 126	4.00 860 732					9100	6
3.543	2.50 376	2.00 126	4.00 553 881					2D5643	4
3.551	1.20 398	1.50 126	3.00 872 732					2C5018	8
3.551	1.50 336	1.50 126	2.50 995 732					2M4755	8
3.551	1.50 032	1.50 126	3.00 872 732					4628	8
3.551	1.50 397	1.50 126	3.00 872 732					2M4628	8
3.551	1.50 032	1.50 126	3.00 872 732					4814	10
3.551	1.50 397	1.50 126	3.00 872 732					2M4814	10
3.555	1.75 362	1.75 126	4.00 860 732					2C4443	4
3.563	1/16 102	1/16 102	5/32 056 732					7001	1
3.563	1.75 362	1.75 126	4.75 860	4.75 732 501				2C6834	4
3.563	1.75 032	1.75 126	4.75 871 732					5928	4
3.563	1.75 362	1.75 126	4.75 871 732					2C5928	4
3.563	5/64 032	5/64 126	3/16 860 732					630	8
3.563	5/64 032	5/64 126	3/16 860 732					666	6
3.563	5/64 362	5/64 126	3/16 860 732					2C666	6
3.563	5/64 327	5/64 126	3/16 860 732					2M666	6
3.563	5/64 032	5/64 126	3/16 860 732					6962	1
3.563	2.00 363	2.00 126	4.00 553 881					2D4620	4
3.563	3/32 362	3/32 126	3/32 126	3/16 860 732				2C5257	6
3.563	3/32 032	3/32 126	3/32 126	3/16 860	3/16 732 501			6786	4
3.563	3/32 362	3/32 126	3/32 126	3/16 553	3/16 881 501			2D6786	4
3.563	3/32 362	3/32 126	3/32 126	3/16 501 825				2C7106	4

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.563	3/32 362	3/32 126	3/32 126	3/16 501 825	3/16 501			2C7136	6
3.563	3/32 362	3/32 126	3/32 126	1/4 860 732				2C7547	4
3.563	3/32 032	3/32 126	3/16 860 732					136	6
3.563	3/32 362	3/32 126	3/16 860 732					2C136	6
3.563	3/32 362	3/32 126	3/16 860 732					2C5360	2
3.563	3/32 032	3/32 126	3/16 860 732	3/16 501				6338	6
3.563	3/32 362	3/32 126	1/4 860 732					2C7687	6
3.563	3/32 362	1/8 126	1/8 126	3/16 860 732				2C5047	6
3.563	3/32 032	1/8 126	3/16 860 732					135	6
3.563	3/32 362	1/8 126	3/16 860 732					2C135	6
3.563	3/32 362	1/8 126	3/16 860 732					2C5280	6
3.563	3.00 222	2.50 435	3.00 553 881					2D4513	4
3.563	1/8 362	1/8 126	1/8 126	3/16 860 732				2C468	6
3.563	1/8 362	1/8 126	1/8 126	3/16 501 825	3/16 501			2C7513	6
3.563	1/8 362	1/8 126	1/8 860 732	1/4 501				2C7742	2
3.575	1.60 032	2.00 126	4.00 860 732					4286	4
3.575	1.60 363	2.00 126	4.00 860 732					2C4286	4
3.575	2.00 032	2.50 126	4.00 860 732					599	4
3.575	2.00 362	2.50 126	4.00 860 732					2C599	4
3.579	1.50 326	1.75 406	3.00 203 881					2N7442	4
3.579	3.00 345	2.00 126	4.00 553 881					2M4724	4
3.579	3.00 345	2.00 126	4.00 553 881					2M4934	5
3.582	1.20 398	1.20 126	3.00 997 732					2C4561	8
3.582	1.50 335	1.50 126	3.00 872 732					2M5120	6
3.582	1.50 032	1.50 126	4.00 870 732					4480	4
3.582	1.50 362	1.50 126	4.00 870 732					2C4480	4
3.582	1.50 032	2.00 126	4.00 860 732					5691	6
3.582	1.50 362	2.00 126	4.00 860 732					2C5691	6
3.582	2.00 363	2.00 126	4.00 860 732					2C5659	1
3.582	3.00 032	2.00 126	4.00 553 881					5325	4
3.582	3.00 345	2.00 126	4.00 553 881					2M5325	4
3.582	3.00 362	2.00 126	4.00 553 881					2C5564	1
3.583	1.20 397	1.20 406	2.00 991 005					2M4577	6
3.583	2.50 211	2.00 209	3.00 204 881					2C7361	1
3.583	2.50 211	2.00 257	3.00 203 881					2D7522	4

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.587	1.20 398	1.50 126	3.00 997					2C4670	6
			732						
3.587	1.50 032	1.50 126	4.00 870					4453	6
			732						
3.587	1.50 335	1.50 126	4.00 870					2M4453	6
			732						
3.587	1.50 032	1.50 126	4.00 056					5667	4
			732						
3.587	1.50 363	1.50 126	4.00 056					2C5667	4
			732						
3.587	2.00 336	2.00 126	3.00 553					2D5042	4
			881						
3.587	2.00 322	2.00 236	3.00 553					2D5309	4
			881						
3.587	2.00 032	2.00 126	4.00 870					5595	4
			732						
3.587	2.00 362	2.00 126	4.00 870					2C5595	4
			732						
3.587	2.00 327	2.00 126	4.00 870					2M5595	4
			732						
3.587	2.00 226	2.00 218	4.00 204					2C7454	1
			881						
3.587	2.50 370	2.00 370	4.00 204					2D5666	4
			881						
3.587	2.50 243	2.00 235	4.00 204					2M7338	1
			881						
3.587	2.50 231	2.00 236	4.00 204					2M7379	1
			881						
3.601	3/32 103	3/32 103	1/8 103	1/4 502	1/4 502			7140	1
3.602	1.50 362	1.50 126	2.80 997					2C4899	6
			732						
3.616	1.50 032	1.50 126	4.00 056					4722	6
			732						
3.616	1.50 363	1.50 126	4.00 056					2C4722	6
			732						
3.622	1.20 398	1.00 123	2.00 991					2C4358	4
			005						
3.622	1.20 398	1.20 126	2.00 991					2C5260	6
			005						
3.622	1.20 398	1.20 126	2.00 991					2C5877	6
			005						
3.622	1.20 398	1.20 126	2.50 995					2C5134	4
			732						
3.622	1.20 398	1.20 126	3.00 997					2C5183	6
			732						
3.622	1.20 398	1.50 401	2.00 991					2C5211	8
			005						
3.622	1.20 398	1.50 401	2.80 861					2C4881	6
			732						
3.622	1.20 398	1.50 126	3.00 054					2C4903	6
			005						
3.622	1.20 398	1.50 126	3.00 054					2C5027	4
			005						
3.622	1.20 398	1.50 401	4.00 056					2C5657	4
			732						
3.622	1.20 398	1.50 126	4.00 872					2C4893	6
			005						
3.622	1.20 397	1.50 126	4.00 872					2M4893	6
			005						
3.622	1.50 363	1.50 401	2.00 991					2C5296	8
			005						
3.622	1.50 335	1.50 126	2.00 991					2M5296	8
			005						
3.622	1.50 032	1.50 126	3.00 872					4284	8
			005						
3.622	1.50 327	1.50 126	3.00 872					2M4284	8
			005						
3.622	1.50 032	1.50 126	3.00 054					4468	4
			005						
3.622	1.50 335	1.50 126	3.00 054					2M4468	4
			005						

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.622	1.50	032	1.50	401	4.00	870 732		4216	4
3.622	1.50	363	1.50	401	4.00	870 732		2C4216	4
3.622	1.50	335	1.50	401	4.00	870 732		2M4216	4
3.622	1.50	032	1.50	126	4.00	870 732		4649	6
3.622	1.50	335	1.50	126	4.00	870 732		2M4649	6
3.622	1.50	032	2.00	401	3.50	058 732		4736	6
3.622	1.50	362	2.00	401	3.50	058 732		2C4736	6
3.622	1.50	327	2.00	401	3.50	058 732		2M4736	6
3.622	1.50	032	2.00	401	4.00	056 732		4178	4
3.622	1.75	363	2.00	401	3.50	059 732		2C5760	8
3.622	1.75	032	2.00	401	4.00	056 732		5692	4
3.622	1.75	363	2.00	401	4.00	056 732		2C5692	4
3.622	1.75	032	2.50	126	4.00	860 732		5490	8
3.622	1.75	362	2.50	126	4.00	860 732		2C5490	8
3.622	5/64	032	5/64	126	3/16	860 732		6800	6
3.622	5/64	362	5/64	126	3/16	860 732		2C6800	6
3.622	2.00	276	1.50	264	3.00	203 881		2D7306	4
3.622	2.00	376	1.50	363	3.00	203 881		2D7359	4
3.622	2.00	370	2.00	126	4.00	204 881		2D4225	4
3.622	2.00	032	2.00	401	4.00	056 732		5364	4
3.622	2.00	362	2.00	401	4.00	056 732		2C5364	4
3.622	2.00	327	2.00	401	4.00	056 732		2M5364	4
3.622	2.00	232	2.00	218	4.00	204 881		2C7356	1
3.622	2.00	032	2.00	126	4.75	860 732		4625	6
3.622	2.00	362	2.00	126	4.75	860 732		2C4625	6
3.622	2.00	032	2.00	401	5.00	860 732		5084	6
3.622	2.00	362	2.00	401	5.00	860 732		2C5084	6
3.622	2.00	032	2.50	126	4.00	870 732		5645	4
3.622	2.00	362	2.50	126	4.00	870 732		2C5645	4
3.622	2.00	327	2.50	126	4.00	870 732		2M5645	4
3.622	2.50	225	2.00	210	4.00	204 881		2C7458	1
3.625	1/16	327	1/16	126	5/32	860 732		2M6958	1
3.625	1/16	327	1/16	126	3/16	860 732		2M5721	1
3.625	5/64	327	5/64	126	3/16	860 732		2M5722	1
3.625	5/64	032	5/64	126	3/16	860 732		633	8

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.625	5/64 362	5/64 126	3/16 860					2C633	8
			732						
3.625	5/64 327	5/64 126	3/16 860					2M633	8
			732						
3.625	5/64 032	5/64 126	3/16 860					653	6
			732						
3.625	5/64 362	5/64 126	3/16 860					2C653	6
			732						
3.625	5/64 327	5/64 126	3/16 860					2M653	6
			732						
3.625	3/32 362	3/32 126	3/32 126	3/16 501				2C7153	6
				825					
3.625	3/32 362	3/32 126	3/32 126	3/16 860				2C7581	4
				732					
3.625	3/32 032	3/32 126	3/32 126	3/16 860				7593	4
				732					
3.625	3/32 362	3/32 126	3/32 126	3/16 860				2C7593	4
				732					
3.625	3/32 032	3/32 126	3/32 126	3/16 860				7663	4
				732					
3.625	3/32 362	3/32 126	3/32 126	1/4 860				2C7677	4
				732					
3.625	3/32 032	3/32 126	3/16 501					6215	2
			825						
3.625	3/32 362	3/32 126	3/16 501					2C7155	4
			825						
3.625	3/32 362	3/32 126	3/16 860					2C7945	6
			732						
3.625	3/32 032	3/32 126	3/16 860					563	6
			732						
3.625	3/32 032	3/32 126	3/16 860					564	8
			732						
3.625	3/32 362	3/32 126	3/16 860					2C564	8
			732						
3.625	1/8 362	1/8 126	1/8 126	3/16 860				2C4008	6
				732					
3.625	1/8 362	1/8 126	1/8 126	3/16 860				2C7567	4
				732					
3.625	1/8 032	1/8 126	1/8 126	3/16 860				7659	4
				732					
3.625	1/8 362	1/8 126	1/8 126	3/16 860				2C7659	4
				732					
3.625	1/8 362	1/8 126	1/8 126	3/16 860				2C7745	4
				732					
3.625	1/8 126	1/8 126	3/16 860					5838	1
			732						
3.625	1/8 362	1/8 126	3/16 860					2C5838	1
			732						
3.630	1.20 397	1.20 126	2.50 995					2M4599	8
			732						
3.632	1.20 398	1.50 126	2.50 995					2C5114	6
			732						
3.632	1.20 398	1.50 126	3.00 997					2C4931	6
			732						
3.632	1.50 032	1.50 126	3.00 872					4937	6
			005						
3.632	1.50 327	1.50 126	3.00 872					2M4937	6
			005						
3.642	1.20 398	1.50 401	2.00 991					2C4147	8
			005						
3.642	1.20 398	1.50 126	2.50 995					2C5164	6
			732						
3.642	1.50 317	1.00 348	2.00 991					SN4176	6
			714						
3.646	1.50 032	1.50 126	4.00 870					4637	4
			732						
3.646	1.50 335	1.50 126	4.00 870					2M4637	4
			732						
3.657	1.50 336	1.75 126	2.50 985					2M5304	6
			732						

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.661	1.20	398	1.20	126	2.50	995		2C4781	6
						732			
3.661	1.20	397	1.20	126	2.50	995		2M4781	6
						732			
3.661	1.20	398	1.20	126	2.50	995		2C5186	8
						732			
3.661	1.20	322	1.50	126	2.00	987		2N4077	8
						714			
3.661	1.20	398	1.50	126	2.50	995		2C5024	8
						732			
3.661	1.20	398	1.50	126	2.50	995		2C5139	5
						732			
3.661	1.20	397	1.50	126	2.50	995		2M5139	5
						732			
3.661	1.20	397	1.50	126	2.50	995		2M5165	8
						732			
3.661	1.20	397	1.50	126	2.50	995		2M5227	6
						732			
3.661	1.20	398	1.50	126	2.50	995		2C5137	4
						732			
3.661	1.20	398	1.50	126	3.00	872		2C4894	8
						732			
3.661	1.50	335	1.50	126	2.80	861		2M4892	8
						732			
3.661	1.50	032	1.50	126	3.00	872		4636	6
						732			
3.661	1.50	327	1.50	126	3.00	872		2M4636	6
						732			
3.661	1.50	032	1.50	126	3.00	872		4790	8
						732			
3.661	1.50	335	1.50	126	3.00	872		2M4790	8
						732			
3.661	1.50	032	1.50	126	3.00	997		4883	6
						732			
3.661	1.50	327	1.50	126	3.00	997		2M4883	6
						732			
3.661	1.50	335	1.50	126	3.00	872		2M5014	6
						732			
3.661	1.50	032	1.50	126	3.50	058		4746	6
						732			
3.661	1.50	327	1.50	126	3.50	058		2M4746	6
						732			
3.661	1.60	032	1.75	126	3.50	058		4450	6
						732			
3.661	1.60	363	1.75	126	3.50	058		2C4450	6
						732			
3.661	1.60	327	1.75	126	3.50	058		2M4450	6
						732			
3.661	1.75	363	1.75	126	3.50	056		2C4672	6
						732			
3.661	1.75	363	2.00	126	3.00	997		2C4997	4
						732			
3.661	2.00	326	1.50	236	2.00	203		2D7277	4
						881			
3.661	2.00	032	2.00	126	4.00	056		6119	4
						732			
3.661	2.00	362	2.00	126	4.00	056		2C6119	4
						732			
3.661	2.00	252	2.00	218	4.00	200		7384	1
						881			
3.661	2.00	217	2.00	218	4.00	204		2C7384	1
						881			
3.661	2.00	032	2.50	126	4.00	860		4205	6
						732			
3.661	2.00	362	2.50	126	4.00	860		2C4205	6
						732			
3.661	2.50	215	2.00	257	3.00	553		2D5308	4
						881			
3.661	2.50	335	2.00	126	4.00	553		2D9349	4
						881			

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.661	3.00	376	2.00	401	4.00	200		2D9384	4
						881			
3.671	5/64	032	5/64	126	3/16	860		5477	8
						732			
3.671	5/64	362	5/64	126	3/16	860		2C5477	8
						732			
3.671	5/64	327	5/64	126	3/16	860		2M5477	8
						732			
3.677	1.20	398	1.20	126	2.00	934		2C4571	6
						732			
3.677	1.50	327	1.50	126	3.00	997		2M4945	6
						732			
3.677	1.50	327	1.50	126	4.00	870		2M4791	6
						732			
3.680	1.50	032	1.50	126	4.00	056		4409	6
						732			
3.680	1.50	363	1.50	126	4.00	056		2C4409	6
						732			
3.680	5/64	032	5/64	126	3/16	860		586	6
						732			
3.680	5/64	362	5/64	126	3/16	860		2C586	6
						732			
3.680	5/64	327	5/64	126	3/16	860		2M586	6
						732			
3.680	5/64	032	5/64	126	3/16	860		4711	6
						732			
3.680	5/64	363	5/64	126	3/16	860		2C4711	6
						732			
3.680	5/64	327	5/64	126	3/16	860		2M4711	6
						732			
3.680	5/64	032	5/64	126	3/16	860		5618	8
						732			
3.680	5/64	362	5/64	126	3/16	860		2C5618	8
						732			
3.680	5/64	327	5/64	126	3/16	860		2M5618	8
						732			
3.680	2.00	032	2.00	126	4.75	860		5688	4
						732			
3.680	2.00	363	2.00	126	4.75	860		2C5688	4
						732			
3.680	2.00	327	2.00	126	4.75	860		2M5688	4
						732			
3.681	1.50	032	1.50	126	4.00	052		4911	6
						732			
3.681	1.50	363	1.50	126	4.00	052		2C4911	6
						732			
3.688	5/64	032	5/64	126	3/16	860		681	8
						732			
3.688	5/64	032	5/64	126	3/16	860		6791	2
						732			
3.688	5/64	362	5/64	126	3/16	860		2C6791	2
						732			
3.688	3/32	363	3/32	102	3/32	126	3/16 860	2C7941	4
						732			
3.688	1/8	394	1/8	126	1/4	860		2C7114	2
						732			
3.691	1.75	032	2.50	126	4.00	860		5373	4
						732			
3.691	1.75	363	2.50	126	4.00	860		2C5373	4
						732			
3.701	1.00	398	1.20	126	1.50	981		2C4114	6
						005			
3.701	1.20	398	1.20	126	2.00	991		2C4511	6
						005			
3.701	1.20	398	1.20	126	2.00	991		2C4586	8
						005			
3.701	1.20	398	1.20	126	2.00	991		2C5151	6
						005			
3.701	1.20	398	1.20	126	3.00	997		2C4566	8
						732			

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.701	1.20 398	1.50 126	2.50 995 732					2C5133	6
3.701	1.20 397	1.50 126	2.50 995 732					2M5133	6
3.701	1.20 398	1.50 126	3.00 872 005					2C4998	8
3.701	1.50 032	1.50 126	3.00 872 005					4478	6
3.701	1.50 327	1.50 126	3.00 872 005					2M4478	6
3.701	1.50 032	1.50 126	3.00 872 005					4930	8
3.701	1.50 327	1.50 126	3.00 872 005					2M4930	8
3.701	1.50 032	1.50 126	4.00 870 732					4612	6
3.701	1.50 363	1.50 126	4.00 870 732					2C4612	6
3.701	1.50 335	1.50 126	4.00 856 732					2M5017	8
3.701	1.50 032	2.00 126	4.00 856 732					4177	4
3.701	1.75 032	2.00 126	3.50 058 732					4634	4
3.701	1.75 362	2.00 126	3.50 058 732					2C4634	4
3.701	1.75 032	2.00 126	4.00 860 732					5594	4
3.701	1.75 362	2.00 126	4.00 860 732					2C5594	4
3.701	2.00 363	2.00 126	4.00 870 732					2C4688	6
3.701	2.00 362	2.00 126	4.00 860 732					2C5633	4
3.701	2.00 032	2.50 126	4.00 860 732					5462	6
3.701	2.00 362	2.50 126	4.00 860 732					2C5462	6
3.701	2.00 327	2.50 126	4.00 860 732					2M5462	6
3.701	3.00 225	2.00 210	4.00 204 881					2C7362	1
3.716	2.50 233	2.00 210	2.50 204 881					2M7450	1
3.716	3.00 225	2.00 210	2.50 204 881					2C7449	1
3.716	3.00 225	2.00 209	3.00 204 881					2C7353	1
3.719	5/64 032	5/64 126	3/16 860 732					450	8
3.719	5/64 362	5/64 126	3/16 860 732					2C450	8
3.719	5/64 327	5/64 126	3/16 860 732					2M450	8
3.719	5/64 362	3/32 126	3/16 860 732					2C583	6
3.719	3/32 363	3/32 126	3/32 126	3/16 860 732				2C5255	6
3.719	3/32 363	1/8 126	1/8 126	3/16 860 732				2C4400	6
3.720	2.00 336	2.00 126	3.00 553 881					2D5040	4
3.736	5/64 032	5/64 126	3/16 860 732					5499	8
3.736	5/64 362	5/64 126	3/16 860 732					2C5499	8
3.736	5/64 397	5/64 126	3/16 860 732					2M5499	8
3.736	5/64 032	5/64 126	3/16 860 732					5617	6

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.736	5/64 362	5/64 126	3/16 860					2C5617	6
			732						
3.736	5/64 397	5/64 126	3/16 860					2M5617	6
			732						
3.736	2.00 032	2.00 126	4.75 872					4742	8
			732						
3.736	2.00 397	2.00 126	4.75 872					2M4742	8
			732						
3.740	1.20 398	1.20 126	2.00 991					2C5169	6
			005						
3.740	1.20 398	1.20 126	2.00 991					2C5261	4
			005						
3.740	1.50 362	1.50 126	4.00 870					2C4908	4
			732						
3.740	1.50 032	1.50 126	4.00 856					4999	4
			732						
3.740	1.50 335	1.50 126	4.00 856					2M4999	4
			732						
3.740	1.75 032	1.50 126	3.50 058					5161	4
			732						
3.740	1.75 362	1.50 126	3.50 058					2C5161	4
			732						
3.740	1.75 032	1.50 126	4.00 870					4687	4
			732						
3.740	1.75 363	1.50 126	4.00 870					2C4687	4
			732						
3.740	2.00 032	2.00 126	4.00 056					4246	4
			732						
3.740	2.00 362	2.00 126	4.00 056					2C4246	4
			732						
3.740	2.30 372	2.00 126	3.00 553					2D5807	4
			881						
3.740	2.30 378	2.00 129	3.50 553					2D5374	8
			881						
3.740	2.36 372	2.00 126	4.00 553					2C5056	4
			881						
3.740	3/32 363	3/32 126	3/16 553					2D4379	4
			881						
3.740	3.00 232	3.00 206	3.00 210	5.00	204			2C7437	1
				881					
3.750	1.50 337	1.50 126	2.50 872					2M4805	2
			732						
3.750	1.50 337	1.50 126	3.00 872					2M4942	2
			732						
3.750	5/64 032	5/64 126	3/16 860					6873	4
			732						
3.750	5/64 362	5/64 126	3/16 860					2C6873	4
			732						
3.750	5/64 032	5/64 126	3/16 872					5616	8
			732						
3.750	5/64 362	5/64 126	3/16 872					2C5616	8
			732						
3.750	5/64 327	5/64 126	3/16 872					2M5616	8
			732						
3.750	5/64 032	5/64 126	3/16 860					568	8
			732						
3.750	5/64 363	5/64 126	3/16 860					2C568	8
			732						
3.750	5/64 327	5/64 126	3/16 860					2M568	8
			732						
3.750	5/64 032	5/64 126	3/16 860					656	6
			732						
3.750	5/64 362	5/64 126	3/16 860					2C656	6
			732						
3.750	5/64 327	5/64 126	3/16 860					2M656	6
			732						
3.750	3/32 362	3/32 032	3/32 126	3/16	860			2C6664	4
					732				
3.750	3/32 363	3/32 126	3/32 126	3/16	860			2C7702	6
					732				

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.750	3/32 363	3/32 126	3/32 126	1/4 860 732				2C7139	6
3.750	3/32 362	3/32 126	3/16 860 732					2C5311	1
3.750	3/32 362	3/32 126	3/16 860 732					2C5466	1
3.750	3/32 032	3/32 126	3/16 860 732					137	6
3.750	3/32 363	3/32 126	3/16 860 732					2C137	6
3.750	3/32 363	1/8 126	1/8 126	3/16 553 881	3/16 501			2D5966	6
3.750	3/32 363	1/8 126	3/16 860 732	3/16 501				2C6581	1
3.750	1/8 372	1/8 170	3/32 126	3/16 860 732				2C6910	6
3.750	1/8 362	1/8 126	1/8 126	3/16 860 732				2C7669	4
3.750	1/8 362	1/8 126	1/8 126	3/16 860 732				2C5028	6
3.750	1/8 362	1/8 126	1/8 126	1/4 860 732				2C7747	6
3.750	1/8 032	1/8 126	3/16 501					776	4
3.750	3/16 362	3/16 126	3/16 126	3/16 871 732				2C712	4
3.756	2.00 232	1.50 435	3.00 203 881					2D7225	4
3.756	2.50 110	2.00 435	3.00 203 881					2D7188	4
3.760	1.20 398	1.20 126	2.00 991 005					2C5293	6
3.760	1.20 398	1.20 126	2.50 995 732					2C5112	6
3.760	1.20 397	1.50 406	2.50 934 005					2M4183	6
3.760	1.20 398	1.50 126	2.50 995 732					2C5215	5
3.760	1.20 398	1.50 126	2.50 995 732					2C5236	4
3.760	1.75 362	2.00 126	3.50 058 732					2C5071	4
3.760	5/64 032	5/64 126	3/16 860 732					5586	6
3.760	5/64 362	5/64 126	3/16 860 732					2C5586	6
3.772	2.50 221	2.00 206	2.50 204 881					2D7347	1
3.779	1.20 398	1.50 126	3.00 872 732					2C4890	6
3.779	1.20 397	1.50 126	3.00 872 732					2M4890	6
3.779	1.50 032	1.50 126	3.00 872 732					4515	4
3.779	1.50 327	1.50 126	3.00 872 732					2M4515	4
3.779	1.50 032	1.50 126	3.00 872 732					4648	6
3.779	1.50 327	1.50 126	3.00 872 732					2M4648	6
3.779	1.50 322	1.50 126	3.00 987 714					2N4648	6
3.779	1.50 032	1.50 126	3.00 054 732					4912	4
3.779	1.50 362	1.50 126	3.00 054 732					2C4912	4
3.779	1.50 327	1.50 126	3.00 054 732					2M4912	4
3.779	1.50 397	1.50 126	3.00 872 732					2M4978	8

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.779	1.50 032	1.50 126	4.00 870					5761	4
			732						
3.779	1.50 362	1.50 126	4.00 870					2C5761	4
			732						
3.779	1.50 327	1.50 126	4.00 870					2M5761	4
			732						
3.779	1.75 032	1.75 126	3.50 059					4477	4
			732						
3.779	1.75 363	1.75 126	3.50 059					2C4477	4
			732						
3.779	1.75 032	2.00 126	4.00 860					5695	4
			732						
3.779	1.75 363	2.00 126	4.00 860					2C5695	4
			732						
3.779	2.00 370	1.50 126	3.00 248					2D4583	4
			881						
3.779	2.00 232	1.50 218	3.00 204					2C7330	1
			881						
3.779	2.00 370	2.00 126	4.00 553					2C4710	4
			881						
3.779	2.00 032	2.00 126	4.00 056					4938	6
			732						
3.779	2.00 327	2.00 126	4.00 056					2M4938	6
			732						
3.779	2.00 032	2.00 126	4.75 860					4203	4
			732						
3.779	2.00 362	2.00 126	4.75 860					2C4203	4
			732						
3.779	2.00 327	2.00 126	4.75 860					2M4203	4
			732						
3.779	2.00 336	2.00 126	4.75 860					2M5613	4
			732						
3.779	2.50 363	2.00 126	4.00 553					2D4939	6
			881						
3.779	2.50 363	2.00 126	4.00 553					2D4956	4
			881						
3.780	1.20 398	1.20 126	2.00 991					2C4550	6
			005						
3.780	1.20 397	1.50 126	2.50 934					2M5380	8
			005						
3.780	2.00 211	2.00 415	3.00 553					2D7310	4
			881						
3.780	2.50 385	2.00 135	2.00 203					2D7307	4
			881						
3.780	2.50 211	2.00 257	3.00 203					2D7309	4
			881						
3.781	5/64 362	5/64 126	3/16 860					2C682	8
			732						
3.799	1.20 397	1.50 126	2.00 934					2M4866	6
			935						
3.799	1.20 397	1.50 126	3.00 872					2M4764	6
			732						
3.799	1.50 032	1.50 126	3.00 872					4458	6
			732						
3.799	1.50 327	1.50 126	3.00 872					2M4458	6
			732						
3.799	1.75 363	2.00 126	3.50 058					2C4818	8
			732						
3.800	5/64 032	5/64 126	3/16 860					5474	6
			732						
3.800	5/64 362	5/64 126	3/16 860					2C5474	6
			732						
3.800	5/64 327	5/64 126	3/16 860					2M5474	6
			732						
3.800	5/64 032	5/64 126	3/16 872					5614	8
			732						
3.800	5/64 327	5/64 126	3/16 872					2M5614	8
			732						

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.800	5/64 032	5/64 126	3/16 860					696	8
			732						
3.800	5/64 362	5/64 126	3/16 860					2C696	8
			732						
3.800	5/64 327	5/64 126	3/16 860					2M696	8
			732						
3.800	5/64 336	5/64 126	3/16 860					2M5612	6
			732						
3.800	5/64 032	3/32 126	3/16 860					571	8
			732						
3.800	5/64 362	3/32 126	3/16 860					2C571	8
			732						
3.800	5/64 327	3/32 126	3/16 860					2M571	8
			732						
3.811	1.50 032	1.50 126	3.00 872					4885	6
			732						
3.811	1.50 335	1.50 126	3.00 872					2M4885	6
			732						
3.811	1.50 322	1.50 126	3.00 987					2N4885	6
			714						
3.811	1.50 032	1.50 126	4.00 052					4262	6
			005						
3.811	1.50 327	1.50 126	4.00 052					2M4262	6
			005						
3.811	1.50 335	1.50 126	4.00 052					2M4717	6
			005						
3.811	2.00 032	2.00 126	4.00 860					5649	6
			732						
3.811	2.00 363	2.00 126	4.00 860					2C5649	6
			732						
3.811	2.00 327	2.00 126	4.00 860					2M5649	6
			732						
3.813	1/16 327	1/16 126	5/32 860					2M4950	1
			732						
3.813	1/16 327	1/16 126	3/16 860					2M4953	1
			732						
3.813	1/8 372	3/32 126	3/16 860					2C7134	4
			732						
3.813	1/8 362	3/32 126	1/4 860					2C7193	6
			732						
3.813	1/8 362	3/32 126	1/4 860					2C7220	4
			732						
3.813	1/8 032	1/8 126	1/8 126	3/16 860	3/16 501			4239	6
				732					
3.813	1/8 362	1/8 126	1/8 126	3/16 860	3/16 501			2C4239	6
				732					
3.813	1/8 032	1/8 126	1/8 126	3/16 860				5064	6
				732					
3.813	1/8 362	1/8 126	1/8 126	3/16 860				2C5064	6
				732					
3.815	1.20 398	1.20 126	2.50 995					2C5167	4
			732						
3.815	1.50 032	1.50 126	3.00 997					4777	6
			732						
3.815	1.50 363	1.50 126	3.00 997					2C4777	6
			732						
3.819	1.20 322	1.50 406	2.00 991					2N4078	1
			005						
3.819	1.20 398	1.50 126	3.00 054					2C4707	4
			732						
3.819	1.50 336	1.50 126	3.50 058					2M4789	6
			716						
3.819	2.50 361	2.50 126	4.00 553					2C7264	2
			881						
3.819	3.00 361	3.00 032	3.00 401	5.50 553				2D4512	2
				881					
3.819	3.00 361	3.00 032	3.00 401	5.50 553	5.50 881			2C5480	2
					501				
3.819	3.00 227	3.00 035	3.00 414	5.50 553	5.50 501			2D5480	2
3.823	2.00 232	2.00 209	3.00 204					2C7401	1
			881						

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.823	2.50 211	2.00 209	3.00 204					2D7492	1
			881						
3.858	1.50 032	1.50 126	2.50 995					5188	8
			732						
3.858	1.50 327	1.50 126	2.50 995					2M5188	8
			732						
3.866	2.50 208	2.00 129	2.50 203					2D5287	8
			881						
3.866	2.50 208	2.00 129	3.00 553					2D5741	8
			881						
3.870	5/64 032	5/64 126	3/16 860					698	8
			732						
3.870	5/64 362	5/64 126	3/16 860					2C698	8
			732						
3.870	5/64 397	5/64 126	3/16 860					2M698	8
			732						
3.875	1.50 337	1.50 126	2.50 872					2M4941	2
			005						
3.875	1.50 032	1.50 126	4.00 056					4815	6
			732						
3.875	1.50 327	1.50 126	4.00 056					2M4815	6
			732						
3.875	1.50 032	1.50 126	4.00 056					4925	4
			732						
3.875	1.50 327	1.50 126	4.00 056					2M4925	4
			732						
3.875	1/16 327	1/16 126	3/16 860					2M4985	2
			732						
3.875	1/16 032	1/16 126	3/16 860					670	6
			732						
3.875	1/16 327	1/16 126	3/16 860					2M670	6
			732						
3.875	5/64 032	5/64 126	5/64 126	3/16	860			6607	8
					732				
3.875	5/64 363	5/64 126	5/64 126	3/16	860			2C6607	8
					732				
3.875	5/64 032	5/64 126	3/16 860					660	8
			732						
3.875	5/64 363	5/64 126	3/16 860					2C660	8
			732						
3.875	5/64 327	5/64 126	3/16 860					2M660	8
			732						
3.875	5/64 032	5/64 126	3/16 860					665	4
			732						
3.875	5/64 362	5/64 126	3/16 860					2C665	4
			732						
3.875	5/64 327	5/64 126	3/16 860					2M665	4
			732						
3.875	5/64 032	5/64 126	3/16 860					667	6
			732						
3.875	5/64 362	5/64 126	3/16 860					2C667	6
			732						
3.875	5/64 327	5/64 126	3/16 860					2M667	6
			732						
3.875	5/64 032	3/32 126	3/16 860					591	8
			732						
3.875	5/64 363	3/32 126	3/16 860					2C591	8
			732						
3.875	5/64 327	3/32 126	3/16 860					2M591	8
			732						
3.875	5/64 363	3/32 126	1/4 860					2C589	8
			732						
3.875	2.00 032	2.00 126	4.75 860					9549	2
			732						
3.875	3/32 032	5/64 126	5/64 126	3/16	860			6685	8
					732				
3.875	3/32 363	5/64 126	5/64 126	3/16	860			2C6685	8
					732				
3.875	3/32 363	3/32 126	3/32 126	3/16	501			2C7118	2
					825				

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.875	3/32 363	3/32 126	3/32 126	3/16 860 732				2C7703	6
3.875	3/32 363	3/32 126	3/32 126	1/4 860 732				2C7647	4
3.875	3/32 363	3/32 126	3/16 860 732					2C4840	6
3.875	3/32 032	3/32 126	3/16 860 732					6302	8
3.875	3/32 362	3/32 126	3/16 860 732					2C6302	8
3.875	3/32 345	3/32 126	3/16 860 732					2M6302	8
3.875	3/32 032	3/32 126	3/16 860 732					6353	4
3.875	3/32 362	3/32 126	3/16 860 732					2C6353	4
3.875	3/32 363	3/32 126	3/16 860 732					2C7158	2
3.875	3/32 363	3/32 126	3/16 860 732					2C7179	6
3.875	3/32 032	3/32 126	3/16 860 732					668	6
3.875	3/32 362	3/32 126	3/16 860 732					2C668	6
3.875	3/32 327	3/32 126	3/16 860 732					2M668	6
3.875	3/32 362	1/8 126	3/16 860 732					2C6660	6
3.875	1/8 372	3/32 126	3/16 860 732					2C5319	4
3.875	1/8 032	1/8 126	1/8 126	3/16 860 732	3/16 501			4064	6
3.875	1/8 362	1/8 126	1/8 126	3/16 860 732	3/16 501			2C4064	6
3.875	1/8 372	1/8 126	1/8 126	3/16 565 881				2C5559	4
3.875	1/8 372	1/8 126	1/8 126	3/16 565 881				2C7197	6
3.875	1/8 032	1/8 126	5/32 056 732					120	4
3.877	3/32 362	3/32 126	3/32 126	3/16 565 881				2C7125	4
3.877	3/32 362	3/32 126	3/32 126	3/16 565 881				2C7174	6
3.877	3/32 362	3/32 126	3/32 126	1/4 501 825	1/4 501			2C7201	4
3.877	3/32 362	3/32 126	3/32 126	1/4 871 732				2C7243	4
3.878	2.30 208	1.50 257	3.00 203 881					2D7802	4
3.897	1.20 398	1.50 126	2.50 995 732					2C5270	6
3.897	1.50 397	1.50 126	3.00 872 732					2M4897	8
3.898	3.00 208	2.00 409	2.50 203 881					2D5853	8
3.900	5/64 363	5/64 352	5/64 126	3/16 860 732				2C5647	8
3.900	3/32 363	3/32 126	3/32 126	3/16 501 825	3/16 501			2C7999	4
3.900	3/32 363	3/32 126	3/16 860 732					2C7673	4
3.910	5/64 032	5/64 126	3/16 860 732					148	8
3.910	5/64 362	5/64 126	3/16 860 732					2C148	8
3.910	5/64 397	5/64 126	3/16 860 732					2M148	8
3.910	5/64 032	5/64 126	3/16 860 732					5560	6

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.910	5/64 362	5/64 126	3/16 860					2C5560	6
			732						
3.910	5/64 327	5/64 126	3/16 860					2M5560	6
			732						
3.910	2.00 032	2.00 126	4.00 872					4735	8
			732						
3.910	2.00 363	2.00 126	4.00 872					2C4735	8
			732						
3.910	2.00 397	2.00 126	4.00 872					2M4735	8
			732						
3.910	2.00 032	2.00 126	4.00 872					4760	6
			732						
3.910	2.00 363	2.00 126	4.00 872					2C4760	6
			732						
3.910	2.00 397	2.00 126	4.00 872					2M4760	6
			732						
3.917	1.20 397	1.20 126	2.00 989					2M5141	8
			732						
3.917	1.20 398	1.20 126	2.00 989					2C5219	4
			732						
3.917	1.20 398	1.20 126	2.50 995					2C5140	4
			732						
3.917	1.20 398	1.50 126	2.80 861					2C4957	4
			732						
3.917	1.50 032	1.50 126	3.00 997					5097	8
			732						
3.917	1.50 397	1.50 126	3.00 997					2M5097	8
			732						
3.917	2.00 032	1.50 126	4.00 056					4532	6
			732						
3.917	2.00 335	1.50 126	4.00 056					2M4532	6
			732						
3.917	2.00 370	1.50 126	4.00 553					2C5054	4
			881						
3.921	1.20 397	1.50 126	2.50 995					2M5285	6
			732						
3.937	1.75 032	2.00 126	4.00 052					4776	6
			732						
3.937	1.75 363	2.00 126	4.00 052					2C4776	6
			732						
3.937	2.50 362	2.50 126	4.00 553					2C7258	1
			881						
3.937	3.00 335	2.00 126	4.50 860					2M4267	6
			732						
3.938	5/64 032	5/64 126	3/16 860					636	8
			732						
3.938	3/32 032	5/64 126	5/64 126	3/16 860				671	8
				732					
3.938	3/32 363	5/64 126	5/64 126	3/16 860				2C671	8
				732					
3.938	3/32 327	5/64 126	5/64 126	3/16 860				2M671	8
				732					
3.938	3/32 032	5/64 126	5/64 126	3/16 872				4719	8
				732					
3.938	3/32 363	5/64 126	5/64 126	3/16 872				2C4719	8
				732					
3.938	3/32 327	5/64 126	5/64 126	3/16 872				2M4719	8
				732					
3.938	3/32 032	5/64 126	3/16 872					5049	8
			732						
3.938	3/32 363	5/64 126	3/16 872					2C5049	8
			732						
3.938	3/32 327	5/64 126	3/16 872					2M5049	8
			732						
3.953	1.20 398	1.50 126	3.00 054					2C5187	6
			732						
3.953	1.60 032	1.75 126	3.50 874					4627	6
			732						
3.953	1.60 335	1.75 126	3.50 874					2M4627	6
			732						

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
3.965	5/64	032	5/64	126	3/16	860		5619	6
						732			
3.965	5/64	363	5/64	126	3/16	860		2C5619	6
						732			
3.965	5/64	327	5/64	126	3/16	860		2M5619	6
						732			
3.978	3.00	372	2.00	130	4.00	553		2D4975	8
						881			
3.978	3.00	372	2.00	126	4.00	553		2D5655	8
						881			
4.000	1.20	397	1.20	406	2.50	872		2M5299	2
						732			
4.000	1.20	397	1.50	126	2.50	995		2M5170	8
						732			
4.000	1.50	327	1.50	126	2.50	872		2M5080	1
						732			
4.000	1.50	397	1.50	126	3.00	872		2M4816	10
						732			
4.000	1.50	032	1.50	126	3.00	872		4860	8
						732			
4.000	1.50	397	1.50	126	3.00	872		2M4860	8
						732			
4.000	1.50	032	1.50	126	3.00	872		4862	6
						732			
4.000	1.50	397	1.50	126	3.00	872		2M4862	6
						732			
4.000	1.50	032	1.50	126	4.00	635		4346	8
						732			
4.000	1.50	327	1.50	126	4.00	635		2M4346	8
						732			
4.000	1.50	032	1.50	126	4.00	635		4726	8
						732			
4.000	1.50	397	1.50	126	4.00	635		2M4726	8
						732			
4.000	1.50	397	1.50	126	4.00	872		2M4785	10
						732			
4.000	1/16	032	5/64	126	3/16	860		4366	4
						732			
4.000	1/16	362	5/64	126	3/16	860		2C4366	4
						732			
4.000	1/16	327	5/64	126	3/16	860		2M4366	4
						732			
4.000	1/16	032	5/64	126	3/16	872		5663	4
						732			
4.000	1/16	362	5/64	126	3/16	872		2C5663	4
						732			
4.000	1/16	327	5/64	126	3/16	872		2M5663	4
						732			
4.000	5/64	336	5/64	126	7/64	553		2D5693	8
						881			
4.000	5/64	336	5/64	130	7/64	553		2D5697	8
						881			
4.000	5/64	032	5/64	126	3/16	860		139	8
						732			
4.000	5/64	362	5/64	126	3/16	860		2C139	8
						732			
4.000	5/64	397	5/64	126	3/16	860		2M139	8
						732			
4.000	5/64	032	5/64	126	3/16	860		592	6
						732			
4.000	5/64	362	5/64	126	3/16	860		2C592	6
						732			
4.000	5/64	397	5/64	126	3/16	860		2M592	6
						732			
4.000	5/64	032	5/64	126	3/16	872		5615	8
						732			
4.000	5/64	362	5/64	126	3/16	872		2C5615	8
						732			
4.000	5/64	397	5/64	126	3/16	872		2M5615	8
						732			

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
4.000	5/64 032	5/64 126	3/16 872					5630	4
			732						
4.000	5/64 362	5/64 126	3/16 872					2C5630	4
			732						
4.000	5/64 397	5/64 126	3/16 872					2M5630	4
			732						
4.000	5/64 362	5/64 126	3/16 860					2C4389	4
			732						
4.000	5/64 032	5/64 126	3/16 860					5570	4
			732						
4.000	5/64 362	5/64 126	3/16 860					2C5570	4
			732						
4.000	5/64 397	5/64 126	3/16 860					2M5570	4
			732						
4.000	5/64 032	3/32 126	3/16 860					577	8
			732						
4.000	5/64 362	3/32 126	3/16 860					2C577	8
			732						
4.000	5/64 397	3/32 126	3/16 860					2M577	8
			732						
4.000	5/64 032	3/32 126	3/16 860					650	8
			732						
4.000	5/64 362	3/32 126	3/16 860					2C5689	4
			732						
4.000	2.00 032	1.50 126	4.00 872					4626	8
			732						
4.000	2.00 397	1.50 126	4.00 872					2M4626	8
			732						
4.000	2.00 032	1.50 126	4.00 872					4720	6
			732						
4.000	2.00 397	1.50 126	4.00 872					2M4720	6
			732						
4.000	2.00 032	2.00 126	4.00 872					4879	6
			732						
4.000	2.00 397	2.00 126	4.00 872					2M4879	6
			732						
4.000	2.00 032	2.00 126	4.75 872					4721	6
			732						
4.000	2.00 397	2.00 126	4.75 872					2M4721	6
			732						
4.000	2.00 032	2.00 126	4.75 871					5712	6
			732						
4.000	2.00 362	2.00 126	4.75 871					2C5712	6
			732						
4.000	2.00 397	2.00 126	4.75 871					2M5712	6
			732						
4.000	3/32 363	3/32 126	3/32 126	3/16 860				2C5209	6
				732					
4.000	3/32 363	3/32 126	3/32 126	3/16 860				2C7175	4
				732					
4.000	3/32 362	3/32 126	3/32 126	1/4 860	1/4 501			2C7113	2
				732					
4.000	3/32 362	3/32 126	3/32 126	1/4 860				2C7654	2
				732					
4.000	3/32 362	3/32 126	3/32 126	1/4 860				2C7656	6
				732					
4.000	3/32 363	3/32 126	3/32 126	1/4 860				2C7795	4
				732					
4.000	3/32 362	3/32 126	3/32 126	1/4 860	1/4 501			2C7796	4
				732					
4.000	3/32 363	3/32 126	1/8 126	1/4 860				2C7997	4
				732					
4.000	3/32 363	1/8 126	1/8 126	1/4 860				2C5156	6
				732					
4.000	3/32 362	1/8 126	1/8 126	1/4 860				2C7666	4
				732					
4.000	3/32 363	1/8 126	3/16 860	3/16 501				2C4231	6
			732						
4.000	3/32 362	1/8 126	3/16 860					2C5213	6
			732						

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
4.000	3/32 362	1/8 126	3/16 860	3/16 501				2C6288	1
			732						
4.000	1/8 372	3/32 126	3/16 860					2C5622	1
			732						
4.000	1/8 362	1/8 126	1/8 126	3/16 860				2C702	4
				732					
4.000	1/8 363	1/8 126	1/8 126	3/16 860				2C4007	6
				732					
4.000	1/8 032	1/8 126	1/8 126	3/16 501				5678	1
4.000	5/32 362	5/32 102	1/8 401	1/4 860				2C7771	2
				732					
4.016	1.50 336	1.50 406	2.50 985					2M4520	8
			732						
4.016	2.40 205	2.35 135	4.00 553					2D7518	1
			881						
4.016	2.94 379	2.50 035	2.50 414	5.00 553				2D5646	1
4.016	2.94 379	3.00 225	2.50 035	5.00 553				2D5635	1
4.016	3.00 208	2.35 135	4.00 553					2D4914	6
			881						
4.016	3.00 208	2.35 135	4.00 553					2C4936	4
			881						
4.016	3.00 208	2.39 129	4.00 553					2D7276	6
			881						
4.016	3.00 250	2.50 035	4.00 553					2D7098	
4.016	3.00 220	2.50 223	4.00 553					2D7436	1
			881						
4.016	3.00 208	3.00 170	4.00 553					2D7484	1
			881						
4.016	3.50 378	2.50 277	4.00 553					2D7052	1
4.040	5/64 032	5/64 126	3/16 860					694	8
			732						
4.040	5/64 362	5/64 126	3/16 860					2C694	8
			732						
4.040	5/64 397	5/64 126	3/16 860					2M694	8
			732						
4.050	5/64 032	5/64 126	5/64 126	3/16 860				6601	8
				732					
4.050	5/64 345	5/64 126	5/64 126	3/16 860				2M6601	8
				732					
4.050	5/64 032	5/64 126	3/16 860					594	8
			732						
4.050	5/64 362	5/64 126	3/16 860					2C594	8
			732						
4.050	5/64 327	5/64 126	3/16 860					2M594	8
			732						
4.050	5/64 032	3/32 126	3/16 860					574	8
			732						
4.050	5/64 362	3/32 126	3/16 860					2C574	8
			732						
4.050	5/64 345	3/32 126	3/16 860					2M574	8
			732						
4.050	5/64 362	3/32 126	1/4 860					2C590	8
			732						
4.050	5/64 345	3/32 126	1/4 860					2M590	8
			732						
4.050	3/32 032	5/64 126	5/64 126	3/16 860				6686	8
				732					
4.050	3/32 363	5/64 126	5/64 126	3/16 860				2C6686	8
				732					
4.050	3/32 327	5/64 126	5/64 126	3/16 860				2M6686	8
				732					
4.050	3/32 032	5/64 126	3/16 860					5485	8
			732						
4.050	3/32 363	5/64 126	3/16 860					2C5485	8
			732						
4.050	3/32 327	5/64 126	3/16 860					2M5485	8
			732						
4.055	1.50 397	1.50 126	3.00 054					2M4907	8
			732						
4.055	1.50 397	1.50 406	3.00 054					2M5378	10
			732						

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
4.055	3.00	259	2.00	257	3.00	203		2D4845	8
						881			
4.055	3.00	378	2.00	130	4.00	553		2D4744	8
						881			
4.058	5/64	032	5/64	126	3/16	860		697	8
						732			
4.058	5/64	363	5/64	126	3/16	860		2C697	8
						732			
4.058	5/64	327	5/64	126	3/16	860		2M697	8
						732			
4.060	1.50	337	1.50	126	2.50	872		2M5153	1
						732			
4.063	5/64	032	5/64	126	3/16	860		639	8
						732			
4.063	5/64	362	5/64	126	3/16	860		2C639	8
						732			
4.063	5/64	327	5/64	126	3/16	860		2M639	8
						732			
4.063	5/64	032	5/64	126	3/16	860		640	4
						732			
4.065	1.20	397	1.20	406	2.50	985		2N5295	8
						732			
4.065	1.20	397	1.50	406	2.50	985		2M5381	8
						732			
4.065	1.50	397	1.20	406	2.00	991		2M5275	8
						005			
4.065	1.50	336	1.50	406	2.50	985		2M5292	8
						732			
4.080	5/64	032	5/64	126	3/16	860		693	8
						732			
4.080	5/64	362	5/64	126	3/16	860		2C693	8
						732			
4.080	5/64	327	5/64	126	3/16	860		2M693	8
						732			
4.082	5/64	032	5/64	126	3/16	860		5568	8
						732			
4.082	5/64	362	5/64	126	3/16	860		2C5568	8
						732			
4.082	5/64	345	5/64	126	3/16	860		2M5568	8
						732			
4.091	1.20	397	1.20	406	2.00	991		2M4161	8
						732			
4.091	1.50	397	1.20	406	2.00	991		2M5433	8
						732			
4.094	1.20	397	1.20	406	2.00	934		2M5379	8
						935			
4.094	5/64	032	5/64	126	3/16	860		641	8
						732			
4.094	5/64	327	5/64	126	3/16	860		2M641	8
						732			
4.101	2.50	363	2.50	035	2.50	035	6.00 200 6.00 501	2D7095	1
4.110	3.00	336	2.00	130	3.50	553		2M4741	8
						881			
4.110	3.00	260	2.00	129	3.50	553		2D4882	8
						881			
4.110	3.16	224	2.52	227	3.50	553		2M4873	8
						881			
4.120	5/64	032	5/64	126	3/16	860		644	8
						732			
4.120	5/64	363	5/64	126	3/16	860		2C644	8
						732			
4.120	5/64	345	5/64	126	3/16	860		2M644	8
						732			
4.125	1.50	336	1.50	126	3.00	621		2M5157	2
						005			
4.125	5/64	032	5/64	126	3/16	860		661	8
						732			
4.125	5/64	362	5/64	126	3/16	860		2C661	8
						732			
4.125	5/64	327	5/64	126	3/16	860		2M661	8
						732			

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
4.125	5/64 032	3/32 126	3/16 860 732					651	8
4.125	3/32 363	3/32 126	3/32 126	3/16 860 732				2C579	8
4.125	3/32 362	3/32 126	3/32 126	1/4 860 732				2C7124	6
4.125	3/32 363	3/32 126	3/32 126	1/4 860 732				2C7580	4
4.125	3/32 363	3/32 126	1/8 126	1/4 860 732				2C7794	4
4.125	3/32 363	3/32 126	3/16 860 732					2C6094	8
4.125	3/32 327	3/32 126	3/16 860 732					2M6094	8
4.125	3/32 363	1/8 126	1/8 126	3/16 860 732				2C7553	4
4.125	2.40 362	2.35 126	4.75 860 732					2C6593	4
4.125	1/8 372	1/8 170	1/8 170	3/16 565 881				2C6016	6
4.126	1.20 397	1.20 406	2.00 991 005					2M5129	8
4.130	1/16 032	1/16 126	3/16 860 732					657	8
4.130	5/64 032	5/64 126	3/16 860 732					595	8
4.130	5/64 327	5/64 126	3/16 860 732					2M595	8
4.151	5/64 032	1/16 126	3/16 860 732					643	8
4.151	5/64 345	1/16 126	3/16 860 732					2M643	8
4.165	1/16 336	1/16 126	3/16 622 732					2M5542	8
4.165	5/64 032	5/64 126	3/16 860 732					672	8
4.165	5/64 362	5/64 126	3/16 860 732					2C672	8
4.165	5/64 327	5/64 126	3/16 860 732					2M672	8
4.173	3.50 378	2.50 277	4.00 553					2D7054	1
4.188	5/64 032	5/64 126	3/16 860 732					437	8
4.188	5/64 327	5/64 126	3/16 860 732					2M437	8
4.200	3/32 362	3/32 362	3/32 126	3/16 565 881				2C7182	1
4.200	3/32 362	3/32 126	3/16 860 732					2C7181	3
4.213	2.87 224	2.50 126	3.46 553 881					2M5872	6
4.213	3.50 378	2.50 130	3.50 553					2D7099	1
4.219	3/32 362	3/32 362	3/32 126	3/16 553 881				2D7246	2
4.250	1.50 336	1.50 126	3.00 872 005					2M5206	2
4.250	5/64 032	5/64 126	5/64 126	3/16 872 732				4929	8
4.250	5/64 363	5/64 126	5/64 126	3/16 872 732				2C4929	8
4.250	5/64 397	5/64 126	5/64 126	3/16 872 732				2M4929	8
4.250	5/64 032	5/64 126	3/16 860 732					683	8
4.250	5/64 363	5/64 126	3/16 860 732					2C683	8
4.250	5/64 397	5/64 126	3/16 860 732					2M683	8

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
4.250	5/64 032	5/64 126	3/16 872 732					4718	8
4.250	5/64 363	5/64 126	3/16 872 732					2C4718	8
4.250	5/64 397	5/64 126	3/16 872 732					2M4718	8
4.250	2.00 032	2.00 126	4.00 872 732					5085	8
4.250	2.00 363	2.00 126	4.00 872 732					2C5085	8
4.250	2.00 397	2.00 126	4.00 872 732					2M5085	8
4.250	3/32 032	5/64 126	5/64 126	3/16 860 732				6606	8
4.250	3/32 362	5/64 126	5/64 126	3/16 860 732				2C6606	8
4.250	3/32 345	5/64 126	5/64 126	3/16 860 732				2M6606	8
4.250	3/32 363	3/32 126	3/32 126	3/16 860 732				2C4877	6
4.250	3/32 032	3/32 126	3/32 126	3/16 860 732				6308	6
4.250	3/32 363	3/32 126	3/32 126	3/16 860 732				2C6308	6
4.250	3/32 363	3/32 126	3/32 126	1/4 860 732				2C7122	4
4.250	3/32 363	3/32 126	3/32 126	1/4 860 732				2C7675	2
4.250	3/32 363	3/32 126	3/16 860 732					2C6395	6
4.250	3/32 363	3/32 126	3/16 860 732					2C7236	2
4.300	5/64 032	5/64 126	3/16 860 732					695	8
4.300	5/64 327	5/64 126	3/16 860 732					2M695	8
4.300	5/64 032	3/32 126	3/16 860 732					576	8
4.313	5/64 032	5/64 126	3/16 860 732					645	8
4.313	5/64 362	5/64 126	3/16 860 732					2C645	8
4.313	5/64 327	5/64 126	3/16 860 732					2M645	8
4.320	5/64 032	5/64 126	3/16 860 732					692	8
4.320	5/64 362	5/64 126	3/16 860 732					2C692	8
4.320	5/64 345	5/64 126	3/16 860 732					2M692	8
4.331	3.50 208	3.00 277	4.00 560 881					2D5306	6
4.342	5/64 032	5/64 126	3/16 860 732					676	8
4.342	5/64 362	5/64 126	3/16 860 732					2C676	8
4.342	5/64 327	5/64 126	3/16 860 732					2M676	8
4.351	5/64 032	5/64 126	3/16 860 732					4454	8
4.351	5/64 362	5/64 126	3/16 860 732					2C4454	8
4.351	5/64 345	5/64 126	3/16 860 732					2M4454	8
4.358	2.00 032	2.00 126	4.00 871 732					4740	8
4.358	2.00 363	2.00 126	4.00 871 732					2C4740	8
4.358	2.00 345	2.00 126	4.00 871 732					2M4740	8

CYL DIA	1ST GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOVE	7TH GROOVE	PART NUMBER	NO OF CYL
4.360	5/64 032	5/64 126	3/16 860 732					598	8
4.360	5/64 363	5/64 126	3/16 860 732					2C598	8
4.360	5/64 345	5/64 126	3/16 860 732					2M598	8
4.360	5/64 032	5/64 126	3/16 860 732					6138	4
4.360	5/64 362	5/64 126	3/16 860 732					2C6138	4
4.360	5/64 345	5/64 126	3/16 860 732					2M6138	4
4.360	3/32 032	5/64 126	3/16 860 732					5621	8
4.360	3/32 363	5/64 126	3/16 860 732					2C5621	8
4.360	3/32 327	5/64 126	3/16 860 732					2M5621	8
4.375	3/32 362	3/32 126	3/16 860 732					2C6286	6
4.380	5/64 345	3/32 126	3/16 860 732					2M596	8
4.400	3/32 362	3/32 362	3/32 126	3/16 565 881				2C7180	3
4.400	3/32 362	3/32 362	3/32 126	3/16 565 881				2C7210	4
4.400	3/32 362	3/32 126	3/16 565 881					2C7183	3
4.400	1/8 372	3/32 126	3/32 126	3/16 565 881				2C4728	4
4.400	1/8 372	3/32 126	3/32 126	3/16 565 881				2C7012	6
4.400	1/8 372	3/32 126	3/16 565 881					2C7014	6
4.400	1/8 372	3/32 126	3/16 565 881					2C7021	2
4.438	3/32 363	1/8 126	1/8 126	3/16 501	3/16 565 881			2C7143	1
4.467	1.50 336	1.50 126	4.00 872 732					2M4699	8
4.467	2.00 336	1.50 126	4.00 872 732					2M4727	8
4.500	3/32 032	3/32 126	3/32 126	3/16 860 732				578	8
4.500	3/32 363	3/32 126	3/32 126	3/16 860 732				2C578	8
4.500	3/32 032	3/32 126	3/16 860 732					6309	8
4.500	3/32 363	3/32 126	3/16 860 732					2C6309	8
4.500	3/32 215	3/32 135	3/16 553 881					2D7524	1
4.500	1/8 372	3/32 126	3/16 565 881					2C4305	8
4.500	1/8 220	7/64 553 881						2D7473	1
4.500	1/8 224	1/8 170	7/64 553 881					2D7493	1
4.500	1/8 363	1/8 126	1/8 126	3/16 860 732				2C4056	6
4.500	1/8 363	1/8 126	1/8 126	3/16 501				2C5683	1
4.500	1/8 032	1/8 126	1/8 126	1/4 860 732	3/16 501			4283	6
4.500	1/8 363	1/8 126	1/8 126	1/4 860 732	3/16 501			2C4283	6
4.500	1/8 362	1/8 126	1/8 126	1/4 501 825	3/16 501			2C7778	4
4.500	3/16 362	3/16 102	3/16 401	3/16 860 732				2C4157	4
4.500	3/16 362	3/16 102	3/16 102	3/16 501 825				2C7733	2

CYL DIA	1ST	GROOVE	2ND GROOVE	3RD GROOVE	4TH GROOVE	5TH GROOVE	6TH GROOOVE	7TH GROOVE	PART NUMBER	NO OF CYL						
4.527	3.00	370	2.50	401	4.00	553 881			2C7456	4						
4.527	3.50	361	3.00	401	5.50	565 881			2C5603	6						
4.688	3/16	362	3/16	102	3/16	102	3/16	401	3/16	501 825	2C4965	2				
4.803	3.50	372	3.00	102	3.00	102	5.50	565 881			2C5557	6				
5.000	3.50	378	2.39	135	3.50	553					2D7087	1				
5.000	3/16	102	3/16	435	3/16	501 825					6081	1				
5.039	3.00	213	3.00	349	4.00	553					2D7096	1				
5.125	5/32	381	5/32	180	5/32	180	1/4	579 881			2C6500	6				
5.320	3/32	102	3/32	102	3/32	401	3/16	860 732			7173	6				
5.500	1/8	362	1/8	102	1/8	102	1/4	501 825	1/8	102	1/4	501	2C7940	2		
5.500	3/16	362	3/16	102	3/16	401	3/16	401	3/16	501 825			2C7731	2		
5.500	1/4	362	1/4	102	1/4	102	1/4	710 732 825	1/4	501			2C722	2		
5.625	1/8	363	1/8	102	1/8	102	1/4	501 825	1/4	501			2C5343	1		
5.750	1/8	362	1/8	102	1/8	102	1/8	102	1/8	102	1/4	710 732 825	1/4	501	2C7784	2
5.750	3/16	102	3/16	435	3/16	501 825							6082		1	
5.875	1/8	362	1/8	102	1/8	102	1/8	102	1/4	501 825					2C7642	2
6.000	1/8	362	1/8	102	1/8	102	1/4	401	1/8	501	1/4	501			2C7998	2
6.125	1/8	362	1/8	102	1/8	102	1/8	102	1/4	501 825	1/4	501			2C7674	2
6.125	5/32	381	1/8	102	1/8	102	1/8	102	1/4	501 825	1/4	501			2C7690	2
6.250	1/8	363	3/32	349	1/4	565 881									2C7195	2