

**EXTREME
DUTY**



EAGLE SPECIALTY PRODUCTS



ver 15.0



SERVICE

With over 75,000 sq. ft. of combined production and inventory in the U.S.A., most orders can be shipped within 24 hours! Our sales staff has over 85 years of combined experience in the automotive performance aftermarket industry to better serve you. We use UPS, Fed Ex, or various truck freight carriers for your convenience.

QUALITY

Unlike some manufacturers, Eagle never compromises quality for the sake of a lower price. We use only the newest, state-of-the-art equipment and highly skilled craftsmen to produce every part we sell. All rods and crankshafts are thoroughly inspected and quality controlled to insure that every part is suited for the most demanding applications.

SELECTION

Our selection is the most comprehensive in the industry with close to 200 different connecting rods, over 200 crankshafts, and 2400 balanced rotating assemblies. We offer premium forged 4340 crankshafts and H-Beam rods for serious performance applications, and quality cast steel cranks and I-Beam rods for the weekend racer.



About Eagle

Our commitment from our conception in 1992, Eagle Specialty Products, Inc., and our employees have been dedicated to fulfill our customers' needs. Eagle's \$10,000,000 inventory of raw and finished goods enables us to provide same day shipping on 98% of orders placed before 2:00 p.m. C. S. T. Our commitment to deliver excellent service has expanded to include 72 hour shipping on stocking balanced assemblies and custom pendulum cut crankshafts. Even with over 4,000 distributors worldwide, Eagle is dedicated to serving each and every customer individually.

Ten years of research went into our product development before our first rod was sold! Rapid growth has not affected our commitment to supply our customer's needs with top quality engine components at an affordable price, providing maximum value for your dollar. Eagle was the first manufacturer to expand into multiple markets like Ford, Chrysler, Pontiac, Honda, Nissan, Toyota, and others. Eagle continues to expand with the ever changing market. At SEMA, the worlds largest automotive trade show, Eagle continues to introduce large numbers of new products in the New Products Showcase!

Why use Eagle over 'the other guys'?

Eagle connecting rods and cranks are designed and manufactured to our specifications. Some simply purchase generic products and package in their boxes without having any control or input in production. Eagle uses only certified steel in production of their steel cranks and rods. No shortcuts are taken that might compromise the quality of the finished piece. We use multi-stage heat treating, sonic testing, magna-fluxing, and x-ray to ensure a reliable product. While Eagle may not be the least expensive, we do offer the most value per dollar.

It is no mistake that Eagle's top quality products, service, and selection have made us the largest after-market connecting rod manufacturer in the world.

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NEW!

EXTREME DUTY

EXTREME DUTY CONNECTING RODS



Extreme Duty Connecting Rods

Eagle is proud to announce the next step in connecting rod development. Eagle's new Extreme Duty connecting rods are forged in our unique two-piece forging using our proprietary nickel/chromium steel that exceeds ASME E-4340 steel standards for tensile strength and yield strength. Extreme Duty rods feature extensive surface finishing engineered to remove surface imperfections to further enhance fatigue strength. 3/8" ARP Custom Age 625+ bolts hold everything together for the ultimate in extreme power handling and durability. Eagle Extreme Duty connecting rods are the ultimate connecting rod for your extreme powerplant.

Additional stress relieving and surface finishing removes imperfections resulting in improved fatigue life.



270,000 psi tensile strength, 3/8" ARP Custom Age 625+ bolts

ENGINE	PART NO.
Honda B18A/B, B20B/Z	CRS5394AXD
Honda B18C VTEC	CRS5430AXD
Honda H22	CRS5630HDXD
Honda K24	CRS5984KXDXD
Subaru EJ20, EJ257	CRS5137SXD
Nissan SR20DET	CRS5365NXD

ENGINE	PART NO.
Nissan RB26DETT	CRS4783NXD
Toyota 3SGTE	CRS5428TXD
Toyota 2JZGTE	CRS5590TXD
Mitsubishi 4G63 7 bolt	CRS5900MBXD
Mitsubishi 4G63 6 bolt w/ 22mm pin	CRS5900MCXD
Mitsubishi 4B11T	CRS5659MXD

Don't see your application listed? Others available soon!

Recommended Application Guide

Choosing the right components for your application is essential to the overall success of your engine build. You need parts that can handle your application, but you don't want to waste money, either. Eagle has provided this guide to help familiarize you with the intended application for each type of component offered in our kits. If you have any questions or need any further help, please call us for technical assistance at 662-796-7373.

- Not recommended.** Premature failure and/or engine damage may result!
- Use with caution.** Will work, but may not have the durability we prefer.
- Good match.** This part is very well suited to your application.
- Best!** Using this part will take advantage of every design aspect available.

Application										
	I-Beam	H-Beam	LW H-Beam	Upgraded H-Beam & Extreme Duty	Cast	4340	LW 4340	Hypereutectic	forged 4032	forged 2618
pump gas daily driver, no power adders										
pump gas performance, no power adders										
pump gas, nitrous, low boost										
race gas, alcohol, nitrous, high boost										
slicks, trans. brake										
4x4 off-road, 33"+ tires										
Marine performance										
Towing / motorhome										
drag racing										
road racing										
unlimited sprint car										
late model dirt track										
2bbl restricted dirt track										
dirt track claimer										
tractor pull, mud bog										



CRANKSHAFT LISTINGS

Multiple part numbers may be listed for each crank for variations in rear seal type, reductor ring, etc.

The "bobweight" listed is the bobweight range that the crank is "out of the box" new from Eagle. This information is provided to help the engine builder estimate balancing costs. Eagle crankshafts are designed so that when used with typical components, only removal of material should be necessary to balance the crankshaft.

STROKE	PART NO.		BOBWEIGHT	MIN. ROD LENGTH	NOTES
	24t RELUCTOR	58t RELUCTOR			
3.622"	434636226100	434736226100	1800	6.100"	
4.000"	434640006100	434740006100	1800	6.125"	
4.125"	434641256100	434741256100	1800	6.125"	
4.250"	434642506560	434742506560	1800	6.460"	for tall deck blocks
4.375"	434643756460	434743756460	call	6.460"	1.889" rod journals, for tall deck blocks

This is the minimum rod length needed for the piston to clear the counterweight at the bottom of the crank's stroke. Any shorter rod will require clearancing of the counterweight!

ROTATING ASSEMBLY LISTINGS

Multiple part numbers may be listed for each assembly for variations in blocks, rear seal type, reductor ring, main journal size, etc.

This is the compression ratio when used with various sizes of combustion chamber. All compression ratios are calculated with an uncut block, .040" thick head gasket, and middle bore size.

This chart tells you which bore sizes each kit is available in and what the resulting engine size will be. A dash denotes the kit is not available in that bore size.

PART NO.						DISPLACEMENT							
3" MAIN	2.75" MAIN	STROKE	ROD	PISTON	58cc	64cc	72cc	000	030	040	060	125	155
14120	14620	3.500"	6.300"	SRP -5cc flat top	11.2	10.4	9.5	-	357	-	-	-	-
14121	14621	3.750"	6.250"	SRP -32cc inv. dome	8.9	8.5	7.9	-	383	-	-	-	-
14129	14629	4.000"	6.250"	Mahle -20cc inv. dome	10.2	9.7	9.0	-	408	410	-	-	-
14125	14625	4.000"	6.250"	Mahle -6.6cc flat top	12.6	11.7	10.7	402	408	410	414	428	434
14126	14632	4.100"	6.200"	Mahle -26cc inv. dome	10.2	9.6	9.0	-	418	420	-	438	-
14127	14627	4.100"	6.200"	Mahle -6.6cc flat top	12.9	12.0	11.0	412	418	420	425	438	445

This is the root kit part number. You will need to specify the bore size when ordering. Add the bore size to the end of the kit number when ordering. For example, to order kit 14125 in +.030" bore, order **14125030**. Always order the bore size the same way it is listed in the displacement chart. To order a kit balanced, add the letter "B" to the beginning of the part number. So to order the previous kit mentioned balanced by Eagle, order **B14125030**. Some kits will have other options such as rear seal, flexplate, or damper type. These kits will have their "balanced" versions listed separately in a different table.

HOW TO USE THIS CATALOG

BILLET ALUMINUM RODS

- Billet SAE 7075-T651 aluminum.
- 1/4" ARP 2000 rod bolts.
- Serrated cap mating surface for precise cap location.
- Sizing performed with Sunnen Krossgrinding system.
- Perfect for use in Junior dragsters.



LENGTH	PART NO.	WEIGHT	NOTES
4.375"	CRS CR4375BS	135	.998" journal
4.375"	CRS CR4375SS	125	.875" journal
4.500"	CRS CR4500BS	140	.998" journal

PART NO.	NOTES
871200	replacement rod bolt
871300	replacement rod bolt washer



BILLET STEEL CRANKSHAFTS



- Billet SAE 4340 steel with multi-stage heat treatment.
- Micropolished journals feature a 3 R.A. or better.
- .125" fillet radiuses improve strength and rigidity.
- Shot-peened, stress-relieved, and nitrided surface for superior durability.
- Recommended for use up to 50 hp.
- Designed around 320g bobweight.

STROKE	PART NO.	NOTES
3.000"	CS3000875	.875" rod journal
3.000"	CS3000998	.998" rod journal



PART NO.	NOTES
G35948C	48 tooth cam sprocket
G1763W24S	crank sprocket, 3 keyways, .500" width
G1841W24S	crank sprocket, 4 keyways, .500" width

PART NO.	NOTES
G33752C	52 tooth cam sprocket
G1761N26S	crank sprocket, 1 keyway, .473" width
G1763N26S	crank sprocket, 3 keyways, .473" width
G1764W26S	crank sprocket, 4 keyways, .473" width



PART NO.	NOTES
6251N	Starter nut
1616Z	small snout bearing
6205-14/C3	main bearing .875" ID
6205-16-2RS	main bearing 1.000" ID

CADILLAC NORTHSTAR



H-BEAM RODS

- Forged SAE 4340 steel from 2 piece forging.
- 3/8" ARP 2000 rod bolts.
- Alignment sleeves for precise cap location.
- Sizing performed with Sunnen Krossgrinding system.
- Weight-matched to +/- 1 gram.
- Recommended for use up to 1500 hp.

LENGTH	PART NO.	WEIGHT	PIN SIZE	NOTES	BOLTS	BUSHINGS
5.943"	CRS5943C3D	545	22mm	up to 1999	20070 (set of 16)	B808

CHEVROLET 4CYL & 6 CYL

H-BEAM RODS

- Forged SAE 4340 steel from 2 piece forging.
- 7/16" ARP 8740 rod bolts (2000, L19 available)
- Alignment sleeves for precise cap location.
- Sizing performed with Sunnen Krossgrinding system.
- Weight-matched to +/- 1 gram.
- Recommended for use up to 1500 hp (with L19 bolts)



ENGINE	PART NO.	LENGTH	WEIGHT	PIN SIZE	NOTES	BOLTS	BUSHINGS
LN2	CRS5590C3D	5.590"	577	.800"	OHV 2.2	20060 (set of 8)	B776
LD9	CRS5710C3D	5.710"	550	22mm	2.4 Quad4	20060 (set of 8)	B808
2.2 Ecotec	CRS5765C3D	5.765"	520	20mm		20060 (set of 8)	B776
2.3 Quad4	CRS5806C3D	5.806"	590	22mm		20060 (set of 8)	B808
4.3 V6	CRS570063D	5.700"	665	.927"	even-fire 4.3 V6	871600 (ea.)	B927
250 CID I-6	CRS5700SLW6	5.700"	515	.927"		201500 (ea.)	B927



CAST CRANKSHAFTS

- An excellent alternative to O.E. crank.
- .092" radiuses (unless otherwise noted).
- Recommended for use in street engines, no power adders.
- Approximate weight is 33 pounds.

ENGINE	STROKE	PART NO.	NOTES
173 CID V6	2.992"	10173817	matches factory casting #817

CADILLAC, CHEVROLET 4 CYL & 6 CYL

I-BEAM RODS

- Forged SAE 5140 steel.
- 3/8" ARP 8740 capscrew rod bolts, .927" pin size.
- Alignment sleeves for precise cap location.
- Sizing performed with CNC equipment.
- Weight-matched to +/- 2 grams.
- For use in naturally aspirated, pump gas, street engines.



2.100" rod journals

DESCRIPTION	PART NO.	WEIGHT	BOLTS	BUSHINGS	SLEEVES
5.700" press-fit	SIR5700BPLW	550	12055 (set of 16)	n/a	10005
5.700" bushed	SIR5700BBLW	550	12055 (set of 16)	B930	10005
5.850" bushed	SIR5850BBLW	580	12055 (set of 16)	B930	10005
5.950" bushed	SIR5950BBLW	585	12055 (set of 16)	B930	10005
6.000" bushed	SIR6000BBLW	570	12055 (set of 16)	B930	10005
6.125" bushed	SIR6125BBLW	600	12055 (set of 16)	B930	10005
6.200" bushed	SIR6200BBLW	610	12055 (set of 16)	B930	10005
6.250" bushed	SIR6250BBLW	615	12055 (set of 16)	B930	10005

2.000" rod journals

DESCRIPTION	PART NO.	WEIGHT	BOLTS	BUSHINGS	SLEEVES
5.700" press-fit	SIR5700SPLW	590	12055 (set of 16)	n/a	10005
5.700" bushed	SIR5700SBLW	595	12055 (set of 16)	B930	10005
6.000" press fit	SIR6000SPLW	635	12055 (set of 16)	n/a	10005
6.000" bushed	SIR6000SBLW	640	12055 (set of 16)	B930	10005

CHEVROLET SMALL BLOCK



LIGHTWEIGHT H-BEAM RODS

- Forged SAE 4340 steel from 2 piece forging.
- 3/8" ARP 2000 rod bolts, .927" pin size.
- Alignment sleeves for precise cap location.
- Sizing performed with Sunnen Krossgrinding system.
- Weight-matched to +/- 1 gram.
- Recommended for limited competition use.

2.100" rod journals

2.000" rod journals

1.889" rod journals

LENGTH	PART NO.	WEIGHT	PART NO.	WEIGHT	PART NO.	WEIGHT
5.700"	CRS5700BLW	535	CRS5700SLW	535	n/ a	
6.000"	CRS6000BLW	545	CRS6000SLW	545	CRS6000HJ	565
6.125"	CRS6125BLW	550	CRS6125SLW	550	n/a	
6.200"	CRS6200BLW	555	n/a		CRS6200HJ	575
6.250"	n/a		n/a		CRS6250HJ	580
6.300"	n/a		n/a		CRS6300HJ	585

SERVICE PART	PART NO.	QTY	NOTES
pin bushing	B927	ea.	all
rod bolts	20070	16	3/8" ARP 2000
alignment sleeves	10004	ea.	all

H-BEAM RODS

- Forged SAE 4340 steel from 2 piece forging.
- 7/16" ARP rod bolts (8740, 2000, or L19), .927" pin size.
- Alignment sleeves for precise cap location.
- Sizing performed with Sunnen Krossgrinding system.
- Weight-matched to +/- 1 gram.
- Recommended for competition use.



2.100" rod journals

LENGTH	PART NO.	w/ ARP 2000	w/ ARP L19	WEIGHT	NOTES
5.565"	CRS5565B3D	CRS5565B3D2000	CRS5565B3DL19	635	stock 400 length
5.700"	CRS5700B3D	CRS5700B3D2000	CRS5700B3DL19	630	stock 305, 327, 350 length
5.850"	CRS5850B3D	CRS5850B3D2000	CRS5850B3DL19	630	
NEW! 5.950"	CRS5950B3D	CRS5950B3D2000	CRS5950B3DL19	650	
6.000"	CRS6000B3D	CRS6000B3D2000	CRS6000B3DL19	640	
6.125"	CRS6125B3D	CRS6125B3D2000	CRS6125B3DL19	620	
6.200"	CRS6200B3D	CRS6200B3D2000	CRS6200B3DL19	640	
6.250"	CRS6250B3D	CRS6250B3D2000	CRS6250B3DL19	650	
6.300"	CRS6300B3D	CRS6300B3D2000	CRS6300B3DL19	660	

2.000" rod journals

LENGTH	PART NO.	WEIGHT
5.700"	CRS5700S3D	640
6.000"	CRS6000S3D	660

SERVICE PART	PART NO.	QTY	NOTES
pin bushing	B928	ea.	all
rod bolts	12000	16	ARP 8740
rod bolts	20000	16	ARP 2000
rod bolts	14000	16	ARP L19
alignment sleeves	10000	ea.	all

1.889" ("Honda") rod journals

LENGTH	PART NO.	WEIGHT
5.700"	CRS5700H3D	615
6.000"	CRS6000H3D	630
6.125"	CRS6125H3D	640



MAX STROKE H-BEAM RODS

- Forged SAE 4340 steel from 2 piece forging.
- 7/16" ARP 8740 or 2000 bolts, .927" pin size.
- Alignment sleeves for precise cap location.
- Sizing performed with Sunnen Krossgrinding system.
- Weight-matched to +/- 1 gram.
- Recommended for competition use.

LENGTH	PART NO.	w/ ARP 2000	WEIGHT
5.950	N/A	CRS5950BST2000	635
6.000"	CRS6000BST	CRS6000BST2000	640



CHEVROLET SMALL BLOCK

CAST CRANKSHAFTS

- An excellent alternative to O.E. crank.
- .092" radiuses (unless otherwise noted).
- Target bobweight guaranteed +/- 2%.
- Recommended for use in street engines, no power adders.
- Approximate weight is 47-50 pounds.



PART NO.					
STROKE	2 pc SEAL	1 pc SEAL	BOBWEIGHT	MIN. ROD	BALANCE
3.480"	103503480	103523480	1855	5.700"	O.E. spec balance
3.480"	103503480CM	N/A	call	5.700"	IMCA legal, no holes, .125" radii
3.750"	103503752	103523752	1855	5.700"	2.000" rod journal, external balance
3.750"	103503750	103523750	1855	5.700"	external balance
3.750"	10350375057I	10352375057I	1825	5.700"	internal balance
3.750"	N/A	10352375057E	1855	5.700"	internal front, external rear
3.800"	N/A	10352380057I	1850	5.700"	internal balance

HOLDEN 308

STROKE	2 pc SEAL	BOBWEIGHT	MIN. ROD	BALANCE
3.480"	103083480	call	5.700"	internal

FORGED 4340 STEEL CRANKSHAFTS

- Forged SAE 4340 steel in a non-twist forging with multi-stage heat treatment.
- Micropolished journals feature a 3 R.A. or better.
- .125" fillet radiuses improve strength and rigidity. Chamfered bearings required.
- Shot-peened, stress-relieved, and nitrided surface for superior durability.
- Target bobweight guaranteed +/- 2%. Will internal balance without heavy metal.
- Recommended for use up to 1500 hp.
- Approximate weight is 52-57 pounds.



STROKE	2 pc SEAL	1 pc SEAL	BOBWEIGHT	MIN. ROD
3.000"	435030005700	435330005700	1855	5.700"
3.250"	435032505700	435332505700	1855	5.700"
3.480"	435034805700	435334805700	1855	5.700"
3.480"	4305348057SP		1855	5.700"
3.500"	435035005700	N/A	1855	5.700"
3.562"	435035625700	N/A	1855	5.700"
3.625"	435036255700	N/A	1855	5.700"
3.750"	435037505700	435337505700	1855	5.700"
3.875"	435038756000	435338756000	1855	6.000"
4.000"	435040006000	N/A	1855	6.000"
4.125"	435041256000	N/A	1855	6.000"

LIGHTWEIGHT FORGED 4340 STEEL CRANKSHAFTS

- Forged 4340 steel in non-twist forging with multi-stage heat treatment.
- Gundrilled, lightweight counterweight design.
- .125" fillet radiuses improve strength and rigidity. Chamfered bearings required.
- Shot-peened, stress relieved, and nitrided for superior durability.
- Target bobweight guaranteed +/- 2%.
- Designed for Internal Balance without heavy metal.
- Recommended for use in naturally aspirated competition engines.
- Approximate weight is 47-49 pounds before balancing.



2 piece rear seal only!

STROKE	1.889" JOURNAL	BOBWT.	2.100" JOURNAL	BOBWT.	MIN. ROD
3.000"	4348300057LA	1820	4350300057LA	1820	5.700"
NEW 3.350"	N/A	-	4350335057LA	1820	5.700"
3.480"	N/A	-	4350348057LW	1750	5.700"
3.480"	N/A	-	4350348057LA	1820	5.700"
3.500"	4348350057LA	1820	4350350057LA	1820	5.700"
NEW 3.550"	N/A	-	4350355057LA	1820	5.700"
3.750"	4348375057LA	1820	4350375057LA	1820	5.700"

ULTRA-LIGHTWEIGHT FORGED 4340 STEEL CRANKSHAFTS

- Forged 4340 steel in non-twist forging with multi-stage heat treatment.
- Gundrilled. lightweight counterweight design.
- .125" fillet radiuses improve strength and rigidity. Chamfered bearings required.
- Shot-peened, stress relieved, and nitrided for superior durability.
- Target bobweight guaranteed +/- 2%.
- Designed for Internal Balance without heavy metal.
- Recommended for use in restricted naturally aspirated competition engines.
- Approximate weight is 45-47 pounds before balancing.



2 piece rear seal only!

STROKE	1.889" JOURNAL	BOBWT.	2.100" JOURNAL	BOBWT.	MIN. ROD
3.000"	4348300057FW	1650	n/a		5.700"
3.350"	4348335057FW	1650	n/a		5.700"
3.480"	4348348057FW	1650	4350348057FW	1670	5.700"
3.500"	4348350057FW	1650	4350350057FW	1670	5.700"

LATE MODEL INTERNAL BALANCE FLEXPLATE

- Internal balance for small block Chevy 1pc rear seal.
- Street use only - NOT SFI approved



PART NO.	NOTES
FRA159ESP	168 tooth internal balance, 14 1/8" diameter
FRA160ESP	153 tooth internal balance, 12 7/8" diameter

From the factory, 1 piece rear seal 350 and LT1 are balanced internally in the front and externally in the rear. When building a stroker version of one of these engines, external balanced assemblies CANNOT be used because no external balance LT1 damper is available.

CHEVROLET SMALL BLOCK



Not for use in pollution controlled vehicles.

CHEVROLET 305



NEW!

RACE SAVER CAST CRANKSHAFTS

- Cast steel with .125" fillet radiuses to improve strength and rigidity.
- Rear flange machined for sprint car drive.
- Individually pre-balanced to 1600 bobweight.
- Approximate weight is 49.5 pounds.

STROKE	PART NO.	BOBWEIGHT	ROD JOURNAL	NOTES
3.480"	103053480SP	1600	2.100"	.125" radiuses, sprint car drive flange

NEW!

FORGED 4340 STEEL CRANKSHAFTS

- Forged 4340 steel nitrided, micropolished, and with .125" fillet radiuses.
- Rear flange machined for sprint car drive.
- Target bobweight guaranteed +/- 2%.
- Approximate weight is 48.0 pounds.



STROKE	PART NO.	BOBWEIGHT	ROD JOURNAL	NOTES
3.480"	4305348057SP	1625	2.100"	sprint car drive flange
3.500"	4305350057SP	1625	2.100"	sprint car drive flange

NEW!

RACE SAVER ASSEMBLIES



- Race Saver cast steel crankshaft, forged 5140 steel "SIR" I-Beam rods.
- 3/8" ARP 8740 capscrew rod bolts (2000 available).
- Performance racing bearings.
- Forged 4032 Mahle pistons with .043"/.043"/3.0mm file-fit rings.
- Rear flange machined for sprint car drive.

PART NO.		STROKE	ROD	PISTON
UNBALANCED	BALANCED			
10720	B10720	3.480"	5.700"	-3cc flat top
10740	B10740	3.480"	5.700"	gas ported, asymmetrical -1cc flat top, 92g pins

DISPLACEMENT			
030	040	050	060
310	312	313	315
310	312	313	315

NEW!

305 SPRINT ASSEMBLIES

- Forged 4340 steel crank & forged 5140 steel "SIR" I-Beam rods
- 3/8" ARP 8740 rod bolts. Premium racing bearings.
- Forged 4032 Mahle pistons with plasma-moly rings.
- Designed for internal balance without heavy metal.
- Standard bore size is 3.746". Crank has round rear flange.
- Engineered for 305 sprint class competition engines.



Compression ratio calculated with machined block for zero deck clearance and .040" gasket

UNBALANCED	BALANCED	STROKE	ROD	PISTON	58cc	64cc
10702	B10702	3.480"	5.700"	-3cc flat top	10.4	9.6
10730	B10730	3.480"	5.700"	gas ported, asymmetrical -1cc flat top, 92g pins	10.7	9.9
10704	B10704	3.500"	5.700"	-3cc flat top	10.5	9.7
10732	B10732	3.500"	5.700"	gas ported, asymmetrical -1cc flat top, 92g pins	10.7	9.9

DISPLACEMENT			
.030	.040	.050	.060
310	312	313	315
310	312	313	315
312	313	315	-
312	313	315	-

CHEVROLET 305 STREET & STRIP ASSEMBLIES

- Cast steel crankshaft and forged 5140 steel "SIR" I-Beam rods
- 3/8" ARP 8740 rod bolts. Performance street bearings.
- Hypereutectic KB or forged 4032 Mahle pistons with plasma-moly rings.
- Unbalanced kits must be balanced by qualified machine shop before use.
- Standard bore size is 3.746".
- Recommended for use in pump gas, street engines. No power adders.



CHEVROLET SMALL BLOCK

2 pc SEAL		1 pc SEAL		STROKE	ROD	PISTON	58cc	64cc	DISPLACEMENT		
UNBALANCED	BALANCED	UNBALANCED	BALANCED						.030	.040	.060
13100	B13100E	13100L	B13100L	3.480"	5.700"	hyper. KB -12cc inv. dome	9.2	8.6	311	312	316
13101	B13101E	13101L	B13101L	3.480"	5.700"	hyper. KB -5cc flat top	10.0	9.3	311	312	316

2 pc SEAL		1 pc SEAL		STROKE	ROD	PISTON	58cc	64cc	DISPLACEMENT		
UNBALANCED	BALANCED	UNBALANCED	BALANCED						.030	.040	.060
13102	B13102E	13102L	B13102L	3.750"	5.700"	hyper. KB -10cc inv. dome	10.1	9.4	334	336	340

BALANCED STREET PERFORMANCE ASSEMBLIES

- Cast steel crankshaft
- Forged 5140 steel "SIR" bushed I-Beam rods with 3/8" ARP 8740 rod bolts
- Hypereutectic Speed Pro pistons and plasma-moly rings
- Performance street bearings
- All kits balanced as noted in description
- Standard bore size is 4.000"
- Recommended for use in pump gas, street engines. No power adders.



Balanced and ready to assemble!

PART NO.		internally balanced. 1pc rear seal includes flexplate.							DISPLACEMENT			
2 pc SEAL	1 pc SEAL	STROKE	ROD	PISTON	58cc	64cc	76cc	.000	.030	.040	.060	
B13403E	N/A	3.480"	5.700" press-fit	Speed Pro -10cc inv. dome	9.5	8.9	8.0	350	355	357	360	
B13402E	N/A	3.480"	5.700" press-fit	Speed Pro -7cc flat top	10.3	9.6	8.5	350	355	357	360	
B13401E	N/A	3.480"	5.700"	Speed Pro -7cc flat top	10.3	9.6	8.5	350	355	357	360	
B13454E	B13454L	3.750"	5.700"	Speed Pro -12cc inv. dome	10.4	9.8	8.7	377	383	385	388	
B13455E	B13455L	3.750"	5.700"	Speed Pro -5cc flat top	11.2	10.5	9.3	377	383	385	388	

PART NO.		Externally balanced. Includes street dampener and flexplate (2pc: 168 tooth, 1pc: 153 tooth or 168 tooth by request).							DISPLACEMENT			
2 pc SEAL	1 pc SEAL	STROKE	ROD	PISTON	58cc	64cc	76cc	.000	.030	.040	.060	
B13404E	B13404L	3.750"	5.700"	Speed Pro -12cc inv. dome	10.4	9.8	8.7	377	383	385	388	
B13405E	B13405L	3.750"	5.700"	Speed Pro -5cc flat top	11.2	10.5	9.3	377	383	385	388	

PART NO.		LT1/Vortec, Balance: internal front, external rear. Includes 153 tooth flexplate. 168 tooth available upon request							DISPLACEMENT			
2 pc SEAL	1 pc SEAL	STROKE	ROD	PISTON	58cc	64cc	76cc	.000	.030	.040	.060	
N/A	B13403L	3.480"	5.700"	Speed Pro -10cc inv. dome	9.5	8.9	8.0	350	355	357	360	
N/A	B13402L	3.480"	5.700"	Speed Pro -7cc flat top	10.3	9.6	8.5	350	355	357	360	
N/A	B13504L	3.750"	5.700"	Speed Pro -12cc inv. dome	10.4	9.8	8.7	377	383	385	388	
N/A	B13505L	3.750"	5.700"	Speed Pro -5cc flat top	11.2	10.5	9.3	377	383	385	388	

Eagle Specialty Products reserves the right to substitute pistons due to availability



STREET & STRIP ASSEMBLIES

- Cast steel crankshaft and forged 5140 steel "SIR" I-Beam rods
- 3/8" ARP 8740 rod bolts. Performance street bearings.
- Hypereutectic KB or forged Mahle pistons & plasma-moly rings.
- All kits are balanced and ready to assemble.
- Externally balanced kits include street damper and flexplate.
- Standard bore size is 4.000" unless otherwise noted.
- For use in pump gas, street engines. No power adders.



CHEVROLET SMALL BLOCK

Chevy 350, O.E. balance

2 pc SEAL		1 pc SEAL		STROKE	ROD	PISTON	RINGS	58cc	64cc	DISPLACEMENT		
UNBALANCED	BALANCED	UNBALANCED	BALANCED							.030	.040	.060
13020	B13020E	13020L	B13020L	3.480"	5.700"	4032 SRP -24cc inv. dome	FF	8.8	8.3	355	356	360
13201	B13201E	13201L	B13201L	3.480"	5.700"	hyper. KB -12cc inv. dome	std	9.7	9.1	355	356	360
13202	B13202E	13202L	B13202L	3.480"	5.700"	hyper. KB -7cc flat top	std	10.3	9.6	355	356	360
13205	B13205E	13205L	B13205L	3.480"	6.000"	hyper. KB -7cc flat top	std	10.3	9.6	355	356	360
13208	B13208E	13208L	B13208L	3.480"	6.000"	"claimer" KB -5cc flat top	std	10.6	9.9	355	356	360
13021	B13021E	13021L	B13021L	3.480"	5.700"	4032 Mahle -5cc flat top	FF	10.3	9.6	355	356	360
13022	B13022E	13022L	B13022L	3.480"	6.000"	4032 Mahle -5cc flat top	FF	10.3	9.6	355	356	360
NEW! 13302	B13302E	13302L	B13302L	3.480"	5.700"	4032 Icon -3.7cc flat top	FF	10.8	10.1	355	356	360
NEW! 13311	B13311E	13311L	B13311L	3.480"	6.000"	4032 Icon -3.7cc flat top	FF	10.8	10.1	355	356	360

Chevy 350, internal balance

2 pc SEAL		1 pc SEAL		STROKE	ROD	PISTON	RINGS	58cc	64cc	DISPLACEMENT		
UNBALANCED	BALANCED	UNBALANCED	BALANCED							.030	.040	.060
13054	B13054E	13054L	B13054L	3.750"	5.700"	hyper. KB -18cc inv. dome	std	9.9	9.4	383	385	388
13051	B13051E	13051L	B13051L	3.750"	5.700"	4032 Mahle -16cc inv. dome	FF	10.0	9.4	383	385	388
13052	B13052E	13052L	B13052L	3.750"	6.000"	4032 Mahle -16cc inv. dome	FF	10.0	9.4	383	385	388
13055	B13055E	13055L	B13055L	3.750"	5.700"	hyper. KB -7cc flat top	std	11.2	10.5	383	385	388
13056	B13056E	13056L	B13056L	3.750"	5.700"	4032 Mahle -5cc flat top	FF	11.3	10.5	383	385	388
13057	B13057E	13057L	B13057L	3.750"	6.000"	4032 Mahle -5cc flat top	FF	11.3	10.5	383	385	388
N/A	N/A	13060L	B13060L	3.800"	5.850"	4032 Mahle -26cc inv. dome	FF	9.1	8.7	388	-	-
N/A	N/A	13061L	B13061L	3.800"	5.850"	4032 Mahle -20cc inv. dome	FF	10.1	9.5	388	390	-

Chevy 350, external balance

2 pc SEAL		1 pc SEAL		STROKE	ROD	PISTON	RINGS	58cc	64cc	DISPLACEMENT		
UNBALANCED	BALANCED	UNBALANCED	BALANCED							.030	.040	.060
NEW! 13303	B13303E	13303L	B13303L	3.750"	6.000"	4032 Icon -19.6cc inv. dome	FF	9.6	9.1	383	385	388
13004	B13004E	13004L	B13004L	3.750"	5.700"	hyper. KB -18cc inv. dome	std	9.9	9.4	383	385	388
NEW! 13304	B13304E	13304L	B13304L	3.750"	5.700"	4032 Icon -18cc inv. dome	FF	9.9	9.4	383	385	388
13001	B13001E	13001L	B13001L	3.750"	5.700"	4032 Mahle -16cc inv. dome	FF	10.0	9.4	383	385	388
13002	B13002E	13002L	B13002L	3.750"	6.000"	4032 Mahle -16cc inv. dome	FF	10.0	9.4	383	385	388
13005	B13005E	13005L	B13005L	3.750"	5.700"	hyper. KB -7cc flat top	std	11.2	10.5	383	385	388
13006	B13006E	13006L	B13006L	3.750"	5.700"	4032 Mahle -5cc flat top	FF	11.3	10.5	383	385	388
13007	B13007E	13007L	B13007L	3.750"	6.000"	4032 Mahle -5cc flat top	FF	11.3	10.5	383	385	388
NEW! 13305	B13305E	13305L	B13305L	3.750"	5.700"	4032 Icon -3.7cc flat top	FF	11.7	10.9	383	385	388
NEW! 13316	B13316E	13316L	B13316L	3.750"	6.000"	4032 Icon -3.7cc flat top	FF	11.7	10.9	383	385	388

PRO STREET ASSEMBLIES

- Forged 4340 steel crank & forged 5140 steel "SIR" I-Beam rods
- 3/8" ARP 8740 rod bolts. Premium racing bearings
- Hypereutectic KB, Speed Pro, or forged Mahle pistons.
- Unbalanced kits must be balanced by a machine shop before use.
- Designed for internal balance without heavy metal.
- Standard bore size is 4.000".
- For mild competition engines. No power adders.



CHEVROLET SMALL BLOCK

To order any kit balanced, add "B" to beginning of part number.

PART NO.										DISPLACEMENT			
2pc SEAL	1pc SEAL	STROKE	ROD	PISTON	RINGS	58cc	64cc	76cc	.000	.030	.040	.060	
10029	10529	3.480"	5.700"	4032 Mahle -20cc inv. dome	FF	8.8	8.3	7.5	-	355	356	-	
10201	10601	3.480"	5.700"	hyper. KB -12cc inv. dome	std	9.8	9.2	8.2	-	355	356	360	
10221	10621	3.480"	5.700"	Speed Pro -10cc inv. dome	std	9.5	8.9	8.0	350	355	356	360	
10202	10602	3.480"	5.700"	hyper. KB -7cc flat top	std	10.3	9.6	8.6	-	355	356	360	
10205	10605	3.480"	6.000"	hyper. KB -7cc flat top	std	10.3	9.6	8.6	-	355	356	360	
10208	10608	3.480"	6.200"	hyper. KB -6cc flat top	std	10.4	9.7	8.6	-	355	356	360	
10220	10620	3.480"	5.700"	Speed Pro -7cc flat top	std	10.3	9.6	8.7	350	355	356	360	
10001	10501	3.480"	5.700"	4032 Mahle -5cc flat top	FF	10.3	9.6	8.5	350	355	356	360	
10003	10503	3.480"	6.000"	4032 Mahle -5cc flat top	FF	10.3	9.6	8.5	-	355	356	360	
NEW! 10302	10302L	3.480"	5.700"	4032 Icon -3.7cc flat top	FF	10.8	10.1	8.9	350	355	356	360	
NEW! 10311	10311L	3.480"	6.000"	4032 Icon -3.7cc flat top	FF	10.8	10.1	8.9	350	355	356	360	
10006	10506	3.750"	5.700"	4032 Mahle -26cc inv. dome	FF	9.0	8.6	7.8	-	383	385	-	
NEW! 10303	10303L	3.750"	6.000"	4032 Icon -19.6cc inv. dome	FF	9.6	9.1	8.2	377	383	385	388	
10213	10613	3.750"	5.700"	hyper. KB -18cc inv. dome	std	9.9	9.4	8.4	-	383	385	388	
NEW! 10304	10304L	3.750"	5.700"	4032 Icon -18cc inv. dome	FF	9.9	9.1	8.2	377	383	385	388	
10007	10507	3.750"	5.700"	4032 Mahle -16cc inv. dome	FF	10.0	9.4	8.4	-	383	385	388	
10010	10510	3.750"	6.000"	4032 Mahle -16cc inv. dome	FF	10.0	9.4	8.4	-	383	385	388	
10222	10622	3.750"	5.700"	Speed Pro -12cc inv. dome	std	10.4	9.8	8.7	377	383	385	388	
10214	10614	3.750"	5.700"	hyper. KB -12cc inv. dome	std	10.6	9.9	8.9	-	383	385	388	
10215	10615	3.750"	5.700"	hyper. KB -7cc flat top	std	11.2	10.5	9.3	-	383	385	388	
10223	10623	3.750"	5.700"	Speed Pro -5cc flat top	std	11.3	10.5	9.3	377	383	385	388	
10008	10508	3.750"	5.700"	4032 Mahle -5cc flat top	FF	11.3	10.5	9.3	-	383	385	388	
10011	10511	3.750"	6.000"	4032 Mahle -5cc flat top	FF	11.3	10.5	9.3	-	383	385	388	
NEW! 10305	10305L	3.750"	5.700"	4032 Icon -3.7cc flat top	FF	11.7	10.9	9.6	377	383	385	388	
NEW! 10316	10316L	3.750"	6.000"	4032 Icon -3.7cc flat top	FF	11.7	10.9	9.6	377	383	385	388	

Eagle Specialty Products reserves the right to substitute pistons due to availability



COMPETITION ASSEMBLIES

- Forged 4340 steel crankshaft
- Forged 4340 steel H-Beam rods
- 7/16" ARP 8740 rod bolts (2000, L19 available)
- Forged Mahle pistons and file-fit rings
- Premium racing bearings
- Designed for Internal Balance
- Standard bore size is 4.000"



To order any kit balanced by Eagle, add "B" to beginning of part number.

CHEVROLET SMALL BLOCK

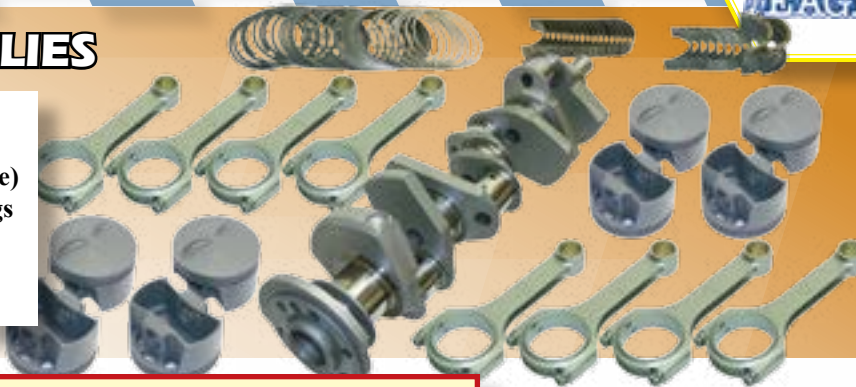
PART NO.										DISPLACEMENT			
2pc SEAL	1pc SEAL	STROKE	ROD	PISTON	RINGS	58cc	64cc	76cc	.000	.030	.040	.060	
12029	12129	3.480"	5.700"	4032 SRP -24cc inv. dome	FF	8.6	8.2	7.6	350	355	356	360	
12001	12101	3.480"	5.700"	4032 Mahle -5cc flat top	FF	10.3	9.6	9.0	350	355	356	360	
12003	12103	3.480"	6.000"	4032 Mahle -5cc flat top	FF	10.3	9.6	9.0	350	355	356	360	
NEW! 12302	12302L	3.480"	5.700"	4032 Icon -3.7cc flat top	FF	10.8	10.1	8.9	350	355	356	360	
NEW! 12311	12311L	3.480"	6.000"	4032 Icon -3.7cc flat top	FF	10.8	10.1	8.9	350	355	356	360	
12002	12102	3.480"	5.700"	2618 Mahle +11cc dome	FF	12.6	11.6	10.0	-	355	356	360	
12004	12104	3.480"	6.000"	2618 Mahle +11cc dome	FF	12.6	11.6	10.0	-	355	356	360	
12020	N/A	3.500"	6.000"	4032 Mahle -5cc flat top	FF	10.6	9.9	9.0	352	357	359	362	
12021	N/A	3.500"	6.000"	2618 Mahle +11cc dome	FF	13.1	12.0	10.3	-	357	359	362	
12030	N/A	3.562"	6.000"	2618 JE +13cc dome	FF	13.7	12.5	10.7	-	363	365	-	
12022	N/A	3.625"	6.000"	2618 JE +13.5cc dome	FF	14.0	12.8	11.0	-	370	-	-	
12006	12106	3.750"	5.700"	2618 Mahle -31cc inv. dome	FF	8.7	8.2	7.7	-	383	-	-	
NEW! 12303	12303L	3.750"	6.000"	4032 Icon -19.6cc inv. dome	FF	9.6	9.1	8.2	377	383	385	388	
NEW! 12304	12304L	3.750"	5.700"	4032 Icon -18cc inv. dome	FF	9.9	9.4	8.4	377	383	385	388	
12007	12107	3.750"	5.700"	4032 Mahle -16cc inv. dome	FF	10.0	9.4	8.4	-	383	385	388	
12010	12110	3.750"	6.000"	4032 Mahle -16cc inv. dome	FF	10.0	9.4	8.4	-	383	385	388	
12008	12108	3.750"	5.700"	4032 Mahle -5cc flat top	FF	11.3	10.5	9.3	377	383	385	388	
12025	12125	3.750"	5.850"	4032 SRP -5cc flat top	FF	11.5	10.8	9.3	-	383	-	-	
12011	12111	3.750"	6.000"	4032 Mahle -5cc flat top	FF	11.3	10.5	9.3	377	383	385	388	
NEW! 12305	12305L	3.750"	5.700"	4032 Icon -3.7cc flat top	FF	11.7	10.9	9.6	377	383	385	388	
NEW! 12316	12316L	3.750"	6.000"	4032 Icon -3.7cc flat top	FF	11.7	10.9	9.6	377	383	385	388	
12009	12109	3.750"	5.700"	2618 SRP +7cc dome	FF	13.1	12.1	10.5	-	383	385	388	
12069	12135	3.750"	5.700"	2618 Mahle +11cc dome	FF	14.0	12.8	11.0	-	383	385	388	
12012	12112	3.750"	6.000"	2618 Mahle +6cc dome	FF	13.0	12.0	10.5	-	383	385	388	
12077	12136	3.750"	6.000"	2618 Mahle +11cc dome	FF	14.0	12.8	11.0	377	383	385	388	
12015	12115	3.875"	*6.000"	4032 Mahle -18cc inv. dome	FF	10.1	9.5	8.5	-	395	397	-	
12013	12113	3.875"	*6.000"	4032 Mahle -5cc flat top	FF	11.6	10.8	9.6	-	395	397	-	
12014	N/A	4.000"	*6.000"	4032 Mahle -5cc flat top	FF	11.9	11.1	9.8	-	408	410	414	

* includes maximum clearance rods with ARP 2000 bolts (CRS6000BST2000).

Eagle Specialty Products reserves the right to substitute pistons due to availability

LIGHTWEIGHT ASSEMBLIES

- Forged 4340 steel lightweight crankshaft
- Forged 4340 steel lightweight H-Beam rods
- 7/16" ARP 8740 rod bolts (2000, L19 available)
- Forged Mahle lightweight pistons, file-fit rings
- Performance racing bearings
- Designed for Internal Balance
- Standard bore size is 4.000"



2 piece rear seal only

To order any kit balanced, add "B" to beginning of part number.

PART NO.	STROKE	ROD	PISTON	58cc	64cc	76cc
12071	3.500"	5.700", 1.889" journal	4032 Mahle -5cc flat top	10.6	9.9	8.7
12076	3.500"	6.000", 1.889" journal	4032 Mahle -5cc flat top	10.6	9.9	8.7
12073	3.500"	6.125", 1.889" journal	4032 Mahle -5cc flat top	10.6	9.9	8.7
12074	3.750"	5.700", 1.889" journal	4032 Mahle -5cc flat top	11.3	10.5	9.3
12075	3.750"	6.000", 1.889" journal	4032 Mahle -5cc flat top	11.3	10.5	9.3

DISPLACEMENT			
.000	.030	.040	.060
352	357	359	362
352	357	359	362
352	357	359	362
377	383	385	388
377	383	385	388

PART NO.		STROKE	ROD	PISTON	58cc	64cc	76cc
49 lb. CRANK	45 lb. CRANK						
17120	17220	3.480"	5.700"	4032 LW Mahle -2cc flat top	10.6	9.9	8.8
17121	17221	3.480"	6.000"	4032 LW Mahle -2cc flat top	10.6	9.9	8.8
17122	17222	3.480"	6.125"	4032 LW Mahle -2cc flat top	10.6	9.9	8.8
n/a	17223	3.500"	5.700"	4032 LW Mahle -2cc flat top	11.2	10.2	9.0
n/a	17224	3.500"	6.000"	4032 LW Mahle -2cc flat top	11.2	10.2	9.0
n/a	17225	3.500"	6.125"	4032 LW Mahle -2cc flat top	11.2	10.2	9.0
17130	N/A	3.750"	6.000"	4032 LW Mahle -2cc flat top	12.0	10.9	9.6

DISPLACEMENT			
.000	.030	.040	.060
-	355	356	360
-	355	356	360
-	355	356	360
-	357	359	362
-	357	359	362
-	357	359	362
-	383	385	388

FORCED INDUCTION ASSEMBLIES

- Forged 4340 steel crankshaft
- Forged 4340 steel H-Beam rods
- 7/16" ARP L19 rod bolts.
- Forged 2618 alloy JE F.I. pistons and file-fit plasma-moly rings
- Premium racing bearings
- Designed for Internal Balance
- Standard bore size is 4.000"



To order any kit balanced by Eagle, add "B" to beginning of part number.

PART NO.		STROKE	ROD	PISTON	58cc	64cc	76cc
2pc SEAL	1pc SEAL						
35100	36100	3.480"	5.700"	2618 JE -22cc inv. dome	8.8	8.3	7.8
35110	n/a	3.500"	6.000"	2618 JE -26cc inv. dome	8.5	8.1	7.8
35120	36120	3.750"	5.700"	2618 JE -31cc inv. dome	8.7	8.2	7.8
35130	36130	3.750"	6.000"	2618 JE -28cc inv. dome	8.9	8.4	7.9

DISPLACEMENT		
.020	.030	.060
353	355	-
-	357	-
-	383	-
-	383	388

Eagle Specialty Products reserves the right to substitute pistons due to availability



Not for use in pollution controlled vehicles.

CAST CRANKSHAFTS



- An excellent alternative to O.E. crank.
- .092" radiuses on all journals.
- Target bobweight guaranteed +/- 2%.
- Recommended for use in street engines, no power adders.
- Approximate weight is 50-52 pounds.

STROKE	PART NO.	BOBWEIGHT	MIN. ROD LENGTH	NOTES
3.750"	104003750	1860	5.700"	
3.750"	104003750571	1800	5.700"	internal balance
3.750"	1040037501	1860	5.850"	internal balance

FORGED STEEL CRANKSHAFTS

- Forged SAE 4340 steel in a non-twist forging with multi-stage heat treatment.
- Micropolished journals feature a 3 R.A. or better.
- .125" fillet radiuses improve strength and rigidity. Chamfered bearings required.
- Shot-peened, stress-relieved, and nitrided surface for superior durability.
- Target bobweight guaranteed +/- 2%. Will internal balance without heavy metal.
- Recommended for use up to 1500 hp.
- Approximate weight is 52-57 pounds.



STROKE	PART NO.	BOBWEIGHT	MIN. ROD LENGTH	NOTES
3.480"	440034805700	1900	5.700"	
3.750"	440037505700	1900	5.700"	stock stroke
3.800"	440038006000	1900	6.000"	
3.875"	440038756000	1900	6.000"	
4.000"	440040006000	1900	6.000"	
4.125"	440041256000	1875	6.000"	

SPACER BEARINGS

Time proven design. This simple, yet effective method to use a crankshaft with Chevy 350 main journal size in a Chevy 400 block. No machine work required. Just snap them in and install a set of Chevy 350 bearings inside the spacers. Manufactured by King Bearings.



PART NO.	NOTES
King MB5224AM	use with Chevy 350 bearings in 400 block

BALANCED STREET PERFORMANCE ASSEMBLIES

- Cast steel crankshaft
- Forged 5140 steel "SIR" I-Beam rods
- 3/8" ARP 8740 rod bolts
- Hypereutectic Speed Pro pistons and plasma-moly rings
- Performance street bearings
- All kits balanced as noted in description
- Standard bore size is 4.125"
- For use in pump gas, street engines. No power adders.



Balanced and ready to assemble!

CHEVROLET 400

PART NO.							DISPLACEMENT			
EXT. BALANCED	INT. BALANCED	STROKE	ROD	PISTON	58cc	64cc	76cc	.030	.040	.060
B13460	B13470	3.750"	5.700"	Speed Pro -6cc flat top	11.6	10.8	9.6	407	409	413



STREET & STRIP ASSEMBLIES

- Cast steel crankshaft and forged 5140 steel "SIR" I-Beam rods
- 3/8" ARP 8740 rod bolts. Performance street bearings.
- Hypereutectic KB or forged Mahle pistons, plasma-moly rings.
- All kits must be balanced by qualified machine shop before use.
- Standard bore size is 4.125"
- For use in pump gas, street engines. No power adders.

To order any kit balanced by Eagle, add "B" to beginning of part number.

KIT NO.	STROKE	ROD	PISTON	RINGS	58cc	64cc	76cc	DISPLACEMENT			
								.000	.030	.040	.060
13008	3.750"	5.700"	hyper. KB -30cc inv. dome	std	9.3	8.8	8.0	-	407	409	413
13012	3.750"	5.700"	4032 Mahle -20cc inv. dome	FF	10.0	9.5	8.6	401	407	409	-
13011	3.750"	6.000"	4032 Mahle -16cc inv. dome	FF	10.4	9.8	8.8	-	407	409	-
13010	3.750"	5.700"	hyper. KB -7cc flat top	std	11.7	11.0	9.7	-	407	409	413
13014	3.750"	5.700"	4032 Mahle -5cc flat top	FF	11.8	11.0	9.7	401	407	409	-
13015	3.750"	6.000"	4032 Mahle -5cc flat top	FF	11.8	11.0	9.7	401	407	409	-

Eagle Specialty Products reserves the right to substitute pistons due to availability



Jesse James Sr., Tyler, TX
548 CID big block, 900 hp
Eagle rods and crank



COMPETITION ASSEMBLIES

- Forged 4340 steel crankshaft
- Forged 4340 steel H-Beam rods
- 7/16" ARP 8740 rod bolts (2000, L19 available)
- Forged Mahle pistons and file-fit rings
- Premium racing bearings
- Designed for Internal Balance
- Standard bore size is 4.125"



To order any kit balanced by Eagle, add "B" to beginning of part number.

CHEVROLET 400

PART NO.		STROKE	ROD	PISTON	RINGS	DISPLACEMENT	
400 mains	350 mains					64cc	76cc
12042	12142	3.480	6.250"	2618 JE +6.2cc dome	FF	11.4	10.0
12507	12607	3.480"	6.000"	2618 Mahle +11cc dome	FF	12.1	10.5
N/A	12620	3.500"	6.000"	2618 JE +13cc dome	FF	12.9	11.1
N/A	12622	3.625"	6.000"	2618 JE +12.9cc dome	FF	13.3	11.4
12500	12600	3.750"	5.700"	4032 Mahle-20cc inv. dome	FF	9.5	8.6
12508	12608	3.750"	6.000"	4032 Mahle -16cc inv. dome	FF	9.8	8.8
12501	12605	3.750"	5.700"	4032 Mahle -5cc flat top	FF	11.0	9.7
12503	12603	3.750"	6.000"	4032 Mahle -5cc flat top	FF	11.0	9.7
12043	12143	3.750"	6.125"	2618 JE +6.2cc dome	FF	12.5	10.9
12502	12602	3.750"	5.700"	4032 Mahle +4cc dome	FF	12.2	10.6
12504	12604	3.750"	6.000"	2618 Mahle +4cc dome	FF	12.2	10.6
12026	N/A	3.800"	6.000"	2618 JE +10.8cc dome	FF	13.5	11.6
NEW! 12147	12046	3.875"	*6.000"	4032 Mahle -22cc inv. dome	FF	9.6	8.7
12032	12132	3.875"	*6.000"	4032 Mahle -5cc flat top	FF	11.3	10.0
12027	12127	3.875"	*6.000"	2618 JE +5.6cc dome	FF	12.8	11.1
12055	12155	4.000"	*6.000"	4032 Mahle -20cc inv. dome	FF	10.0	9.1
12056	12156	4.000"	*6.000"	4032 Mahle -5cc flat top	FF	11.7	10.3
12023	12117	4.000"	*6.000"	2618 JE -5cc flat top	FF	11.7	10.3
12028	12128	4.000"	*6.000"	2618 JE +6.2cc dome	FF	13.3	11.6
12057	12157	4.000"	*6.000"	4032 Mahle +4cc dome	FF	12.9	11.3

DISPLACEMENT				
.000	.020	.030	.040	.060
372	376	377	379	-
372	-	377	379	-
374	378	380	-	-
388	391	393	-	-
401	-	407	409	-
-	-	407	409	-
401	-	407	409	-
401	-	407	409	-
-	405	407	409	-
401	-	407	409	-
401	-	407	409	-
-	410	412	414	-
414	-	420	422	-
414	-	420	422	-
414	418	420	422	-
428	-	434	436	-
428	-	434	436	-
-	-	434	436	440
428	432	434	436	-
428	-	434	436	-

* includes maximum clearance rods with ARP 2000 bolts (CRS6000BST2000).

Eagle Specialty Products reserves the right to substitute pistons due to availability

FORCED INDUCTION ASSEMBLIES

- Forged 4340 steel crankshaft
- Forged 4340 steel H-Beam rods
- 7/16" ARP 2000 rod bolts (L19 available)
- Forged 2618 alloy JE pistons and file-fit rings
- Premium racing bearings
- Designed for Internal Balance
- Standard bore size is 4.125"



To order any kit balanced by Eagle, add "B" to beginning of part number.

PART NO.									DISPLACEMENT			
400 MAINS	350 MAINS	STROKE	ROD	PISTON	RINGS	58cc	64cc	76cc	.000	.030	.040	.060
35200	35150	3.750"	5.700"	2618 JE -36cc inv. dome	FF	8.7	8.3	7.6	401	407	-	-
35210	35160	3.750"	6.000"	2618 JE -28cc inv. dome	FF	9.3	8.8	8.0	401	407	409	-

CHEVROLET 400

HIGH COMPRESSION ASSEMBLIES

- Forged 4340 steel crankshaft
- Forged 4340 steel H-Beam rods
- 7/16" ARP 2000 rod bolts (L19 available)
- Forged 2618 alloy JE pistons and file-fit rings
- Premium racing bearings
- Designed for Internal Balance
- Standard bore size is 4.125"



To order any kit balanced by Eagle, add "B" to beginning of part number.

PART NO.									DISPLACEMENT				
400 MAINS	350 MAINS	STROKE	ROD	PISTON	RINGS	58cc	64cc	76cc	.000	.020	.030	.040	.060
35600	35500	3.750"	6.000"	2618 JE +5.6cc dome	FF	13.5	12.4	10.8	401	405	407	409	-
35610	35510	3.750"	6.000"	2618 JE +10.8cc dome	FF	14.5	13.3	11.5	401	405	407	-	-
35620	N/A	3.800"	6.000"	2618 JE +5.6cc dome	FF	13.6	12.6	11.0	-	-	412	-	-
35630	N/A	3.800"	6.000"	2618 JE +10.8cc dome	FF	14.7	13.5	11.6	406	410	412	414	-
35640	35540	3.875"	6.000"	2618 JE +5.6cc dome	FF	13.9	12.8	11.1	414	418	420	422	-
35650	35550	3.875"	6.000"	2618 JE +10.8cc dome	FF	15.0	13.7	11.8	414	418	420	422	426
35660	35560	4.000"	6.000"	2618 JE +6.2cc dome	FF	14.4	13.3	11.6	428	432	434	436	-
35670	35570	4.000"	6.000"	2618 JE +10.8cc dome	FF	15.4	14.1	12.2	428	432	434	436	-



Not for use in pollution controlled vehicles.

H-BEAM RODS

- Forged SAE 4340 steel from 2 piece forging.
- 7/16" ARP 8740 rod bolts (2000, L19 available)
- Alignment sleeves for precise cap location.
- Sizing performed with Sunnen Krossgrinding system.
- Weight-matched to +/- 1 gram.
- Recommended for use up to 1500 hp (with L19 bolts)



CHEVROLET LS

LENGTH	PART NO.	w/ ARP 2000	w/ ARP L19	WEIGHT	PIN SIZE	NOTES	BUSHING
6.100"	CRS6100L3D	CRS6100L3D2000	CRS6100L3DL19	650	.927"		B927
6.100"	CRS6100M3D	CRS6100M3D2000	CRS6100M3DL19	620	.945"	O.E. dimensions	B930
6.125"	CRS612503D	CRS612503D2000	CRS612503DL19	620	.927"		B927
6.200"	CRS620003D	CRS620003D2000	CRS620003DL19	650	.927"		B927
6.460"	N/A	CRS646003D2000	CRS646003DL19	645	.927"		B927
6.460"	N/A	CRS6460H3D2000	CRS6460H3DL19	645	.927"	1.889" rod journal	B927
6.560"	N/A	CRS656003D2000	CRS656003DL19	650	.927"		B927
6.560"	N/A	CRS6560H3D2000	CRS6560H3DL19	650	.927"	1.889" rod journal	B927

SERVICE PART	PART NO.	QTY	NOTES
rod bolts	EAG 12000	16	ARP 8740
rod bolts	EAG 20000	16	ARP 2000
rod bolts	EAG 14000	16	ARP L19
alignment sleeves	EAG 10000	ea.	all

FORGED STEEL CRANKSHAFTS



- Forged SAE 4340 steel in a non-twist forging with multi-stage heat treatment.
- Micropolished journals feature a 3 R.A. or better.
- .125" fillet radiuses improve strength and rigidity. Chamfered bearings required.
- Shot-peened, stress-relieved, and nitrided surface for superior durability.
- Target bobweight guaranteed +/- 2%. Will internal balance without heavy metal.
- Recommended for use up to 1500 hp.
- Approximate weight is 52-57 pounds.

STROKE	PART NO.		BOBWEIGHT	MIN. ROD LENGTH	NOTES
	24t RELUCTOR	58t RELUCTOR			
3.622"	434636226100	434736226100	1800	6.100"	
4.000"	434640006100	434740006100	1800	6.125"	
4.125"	434641256100	434741256100	1800	6.125"	
4.250"	434642506560	434742506560	1800	6.460"	for tall deck blocks
4.375"	434643756460	434743756460	call	6.460"	1.889" rod journals, for tall deck blocks

58 tooth reluctor, long snout for dry sump oiling

STROKE	PART NO.	BOBWEIGHT	MIN. ROD	NOTES
4.000"	442740006100	1800	6.125"	
4.125"	442741256100	1800	6.125"	
4.250"	442742506560	1800	6.460"	for tall deck blocks
4.375"	442743756460	call	6.460"	1.889" rod journals, for tall deck blocks

Even though the O.E. crank does not use a crank key for the damper, some aftermarket dampers and blower hubs do. For this reason, All Eagle LS cranks include a 5/16" keyway for the damper or blower hub.



COMPETITION ASSEMBLIES

- Forged 4340 steel crankshaft, forged 4340 steel H-Beam rods
- 7/16" ARP 8740 rod bolts (2000, L19 available)
- Forged pistons and file-fit rings
- Performance racing bearings.



CHEVROLET LS

Eagle Specialty Products reserves the right to substitute pistons due to availability

PART NO.		4.8L, 5.3L, 5.7L LS1				DISPLACEMENT		
24 t	58 t	STROKE	ROD	PISTON	66cc	3.800	3.898	3.905
	12916	3.622"	6.125"	2618 Mahle -16cc inv. dome	9.0	-	-	347
NEW!	12878	12978	3.622"	6.100"	4032 Mahle -4cc flat top	9.7	329	-
	12902	12918	3.622"	6.125"	4032 Mahle -4cc flat top	10.5	-	346 347
	12906	12922	4.000"	6.125"	2618 Mahle -26cc inv. dome	9.0	-	- 383
NEW!	12881	12981	4.000"	6.125"	Mahle -16cc inv. dome	9.2	363	-
NEW!	12880	12980	4.000"	6.125"	Mahle 0cc dome	10.9	363	-
	12912	12983	4.000"	6.125"	4032 Mahle -6cc flat top	11.0	-	- 383
	12804		4.000"	6.200"	2618 Arias -2cc flat top	11.1	-	- 383
NEW!	12808		4.125"	6.125"	2618 Arias -4cc flat top	12.0	-	- 395

PART NO.		LS2, LQ4, LQ9				DISPLACEMENT				
24 t	58 t	58t + LONG SNOOT	STROKE	ROD	PISTON	66cc	4.005	4.010	4.030	4.060
	12918		3.622"	6.125"	4032 Mahle -4cc flat top	10.5	365	366	370	-
	12822	12823	12833	4.000"	6.125"	2618 Arias -29cc inv. dome	9.0	403	-	408 414
	12906	12922	12722	4.000"	6.125"	2618 Mahle -28cc inv. dome	9.0	403	-	408 -
	12910	12926	12726	4.000"	6.125"	4032 Mahle -12cc inv. dome	10.8	403	404	408 -
	12826	12827	12837	4.000"	6.125"	2618 Arias -3.1cc flat top	11.8	403	-	408 -
	12917	12930	12730	4.000"	6.125"	4032 Mahle -4cc flat top	11.4	403	-	408 -
NEW!	12807	12821	12721	4.125"	6.125"	2618 Arias -29cc inv. dome	9.4	-	-	421 -

PART NO.		LS7, LSX, sleeved blocks				DISPLACEMENT			
24 t	58 t	58t + LONG SNOOT	STROKE	ROD	PISTON	66cc	4.125	4.155	
	12822	12823	12833	4.000"	6.125"	2618 Arias -29cc inv. dome	9.0	428	-
	12826	12827	12837	4.000"	6.125"	2618 Arias -4.5cc flat top	11.5	428	-
	12919	12952	12954	4.125"	6.125"	4032 Mahle -8cc inv. dome	11.7	441	-

PART NO.		LS3 / L92 / LSA heads				DISPLACEMENT					
24 tooth	58 tooth	STROKE	ROD	PISTON	72cc	4.005	4.030	4.065	4.070	4.125	4.155
	12932	12940	3.622"	6.125"	2618 Mahle -12cc inv. dome	9.0	365	-	-	377	-
	12934	12942	3.622"	6.125"	4032 Mahle -4cc flat top	10.0	-	370	376	377	-
	12936	12944	4.000"	6.125"	2618 Mahle -20/-25cc inv. dome	9.0	403	408	415	416	428 434
	12938	12946	4.000"	6.125"	4032 Mahle -4cc flat	11.1	403	408	415	416	428 434
	12919	12952	4.125"	6.125"	4032 Mahle -8cc flat top	11.0	-	-	-	429	441 -



Not for use in pollution controlled vehicles.

CHEVROLET BIG BLOCK

I-BEAM RODS



- Forged SAE 5140 steel, 7/16" ARP 8740 rod bolts, .990" pin size.
- Alignment sleeves for precise cap location.
- Sizing performed with CNC equipment.
- Weight-matched to +/- 2 gram.
- Recommended for use in pump gas street engines. No power adders.

LENGTH	PART NO.	WEIGHT	NOTES
6.135"	SIR6135P	830	press-fit
6.135"	SIR6135B	830	bushed
6.385"	SIR6385B	840	bushed
6.700"	SIR6700B	865	bushed
6.800"	SIR6800B	670	bushed



SERVICE PART	P/N	QTY
pin bushing	B992	ea.
rod bolts	12080	16
alignment sleeves	10000	ea.

H-BEAM RODS

- Forged SAE 4340 steel from 2 piece forging.
- 7/16" ARP 8740, 2000, or L19 rod bolts, .990" pin size.
- Alignment sleeves for precise cap location.
- Sizing performed with Sunnen Krossgrinding system.
- Weight-matched to +/- 1 gram.
- Recommended for use up to 1500 hp (with L19 bolts)



LENGTH	PART NO.	w/ ARP 2000	w/ ARP L19	WEIGHT	NOTES	BUSHING	SLEEVES
6.135"	CRS61353D	CRS61353D2000	CRS61353DL19	765		B990	10000
6.385"	CRS63853D	CRS63853D2000	CRS63853DL19	770		B990	10000
6.385"	CRS6385B3D	CRS6385B3D2000	CRS6385B3DL19	705	2.100" journal	B990	10000
6.535"	CRS65353D	CRS65353D2000	CRS65353DL19	805		B990	10000
6.635"	CRS66353D	CRS66353D2000	CRS66353DL19	810		B990	10000
6.660"	N/A	CRS66603D2000	CRS66603DL19	820		B990	10000
6.700"	CRS67003D	CRS67003D2000	CRS67003DL19	800		B990	10000
6.800"	CRS68003D	CRS68003D2000	CRS68003DL19	805		B990	10000
7.100"	CRS71003D	CRS71003D2000	CRS71003DL19	830		B990	10000

SERVICE PART	ARP 8740	ARP 2000	ARP L19	QTY
rod bolts	12080	20030	14020	16



REAR SEAL ADAPTER

- Billet aluminum adapter allows use of 2 piece rear seal in late model blocks. Use late model oil pan.

DESCRIPTION	PART NO.	NOTES
rear seal adapter	EAG 500	

CAST CRANKSHAFTS



- An excellent alternative to O.E. crank.
- .092" radiuses (unless otherwise noted).
- Target bobweight guaranteed +/- 2%. External balance.
- Recommended for use in street engines, no power adders.
- Approximate weight is 65 pounds.

STROKE	PART NO.		BOBWEIGHT	MIN. ROD
	2pc SEAL	1pc SEAL		
4.000"	104544000	104564000	2350	6.135"
4.250"	104544250	104564250	2420	6.385"

FORGED STEEL CRANKSHAFTS

- Forged SAE 4140 or 4340 steel, non-twist forging with multi-stage heat treatment.
- Micropolished journals feature a 3 R.A. or better.
- .125" fillet radiuses improve strength and rigidity. Chamfered bearings required.
- Shot-peened, stress-relieved, and nitrided (4340 only) for superior durability.
- Target bobweight guaranteed +/- 2%. Will internal balance without heavy metal.
- Recommended for use up to 1000 hp (4140) or 1500 hp (4340).
- Approximate weight is 70-78 pounds.



4140 STEEL

STROKE	PART NO.		BOBWEIGHT	MIN. ROD
	2 pc SEAL			
4.250"	545442506385		2350	6.385"

4340 STEEL

STROKE	PART NO.		BOBWEIGHT	MIN. ROD	NOTES
	2pc SEAL	1pc SEAL			
3.766"	439637666135	N/A	2350	6.135"	
4.000"	445440026135	445640046135	2350	6.135"	
4.250"	445442552100	N/A	2350	6.385"	2.100" rod journals
4.250"	445442546385	445642546385	2350	6.385"	
4.250"	445442526385	445642526385	2300	6.385"	center counterweights
4.375"	445443756385	445643756385	2300	6.385"	center counterweights
4.500"	445445006535	445645006535	2350	6.535"	center counterweights
4.750"	450247506600	N/A	2425	6.660"	center counterweights

CHEVROLET 409

STROKE	PART NO.	BOBWEIGHT	MIN. ROD
4.000"	440940026135	2350	6.135"

See page 30 for Chevy 409 competition assembly!



BALANCED STREET PERFORMANCE ASSEMBLIES

CHEVROLET BIG BLOCK



- Cast steel crankshaft and forged 5140 steel "SIR" I-Beam rods
- 7/16" ARP 8740 rod bolts. Performance street bearings.
- Hypereutectic Speed Pro pistons and plasma-moly rings.
- All kits externally balanced. Includes street damper & flexplate.
- Standard bore size is 4.250"
- For use in pump gas, street engines. No power adders.

Balanced and ready to assemble!

PART NO.		STROKE	ROD	PISTON	112cc	118cc	124cc	DISPLACEMENT					
2pc SEAL	1pc SEAL							.000	.020	.030	.040	.060	.100
B18400	B18400L	4.000"	6.135"	Speed Pro -2cc flat top	8.4	8.1	7.8	454	458	460	463	467	476
B18401	B18401L	4.000"	6.135"	Speed Pro +22cc dome	10.1	9.6	9.1	454	458	460	463	467	476

STREET & STRIP ASSEMBLIES

- Cast steel crankshaft and forged 5140 steel "SIR" I-Beam rods
- 7/16" ARP 8740 rod bolts. Performance street bearings.
- Hypereutectic KB or forged Mahle pistons, plasma-moly rings.
- All kits must be balanced by qualified machine shop before use.
- Standard bore size is 4.250"
- For use in pump gas, street engines. No power adders.



To order any kit balanced by Eagle, add "B" to beginning of part number.

PART NO.		STROKE	ROD	PISTON	112cc	118cc	124cc	DISPLACEMENT			
2pc SEAL	1pc SEAL							.030	.060	.070	.100
18000	18000L	4.000"	6.135"	4032 SRP -3cc flat top	8.4	8.1	7.8	460	467	469	476
18200	18200L	4.000"	6.135"	hyper. KB -3cc flat top	8.4	8.1	7.8	460	467	469	476
18004	18004L	4.000"	6.385"	4032 SRP -3cc flat top	8.4	8.1	7.8	460	467	469	476
18201	18201L	4.000"	6.135"	hyper. KB +12cc dome	9.4	9.0	8.6	460	467	469	476
18001	18001L	4.000"	6.135"	4032 SRP +14cc dome*	9.5	9.1	8.7	460	467	469	-
NEW! 18320	18320L	4.000"	6.135"	4032 Icon +18.3cc dome	9.9	9.4	9.0	460	467	469	476
18202	18202L	4.000"	6.135"	hyper. KB +25.5cc dome	10.5	10.0	9.5	460	467	469	476
18002	18002L	4.000"	6.135"	2618 Mahle +28cc dome	10.7	10.2	9.7	460	467	-	-
18005	18005L	4.000"	6.385"	2618 Mahle +28cc dome	10.7	10.2	9.7	460	467	469	476
18020	18020L	4.250"	6.385"	4032 Mahle -3cc flat top	8.9	8.5	8.2	489	496	498	505
18021	18021L	4.250"	6.385"	hyper. KB -3cc flat top	8.9	8.5	8.2	489	496	498	505
18022	18022L	4.250"	6.385"	4032 Mahle +18cc dome	10.4	9.9	9.5	489	496	498	505
18023	18023L	4.250"	6.385"	hyper KB +17cc dome*	10.3	9.8	9.4	489	496	498	505
NEW! 18321	18321L	4.250"	6.385"	4032 Icon +23cc dome	10.8	10.3	9.8	489	496	498	505

* closed-chamber dome

Eagle Specialty Products reserves the right to substitute pistons due to availability

FORCED INDUCTION ASSEMBLIES



- Forged 4340 steel crankshaft
- Forged 4340 steel H-Beam rods with 7/16" ARP L19 rod bolts.
- Forged 2618 JE blower pistons and file-fit rings
- Premium racing bearings
- Designed for Internal Balance. 9.800" deck height only.

To order any kit balanced by Eagle, add "B" to beginning of part number.

PART NO.		454 standard deck height (9.800")							DISPLACEMENT			
2pc SEAL	1pc SEAL	STROKE	ROD	PISTON	112cc	118cc	124cc	.030	.060	.070	.100	
35305	35305L	4.000"	6.385"	2618 JE -14.5cc inv. dome	7.8	7.5	7.3	-	467	-	-	
35310	35310L	4.000"	6.135"	2618 JE -3cc flat top	8.3	8.0	7.7	460	467	-	-	
35315	35315L	4.000"	6.385"	2618 JE -3cc flat top	8.4	8.1	7.8	460	467	-	-	
35320	35320L	4.250"	6.385"	2618 JE -3cc flat top	8.9	8.5	8.2	-	496	-	-	

PART NO.		502 standard deck height (9.800")							DISPLACEMENT			
2pc SEAL	1pc SEAL	STROKE	ROD	PISTON	112cc	118cc	124cc	4.500	4.530	4.560	4.600	
35400	35400L	4.000"	6.385"	2618 JE -28cc inv. dome	7.8	7.5	7.3	509	516	523	532	
35410	35410L	4.250"	6.385"	2618 JE -20cc inv. dome	8.6	8.3	8.0	541	548	555	565	

HEAVY DUTY ASSEMBLIES

- Forged 4340 steel crankshaft
- Forged 4340 steel H-Beam rods with 7/16" ARP L19 rod bolts.
- Forged 2618 high-compression and file-fit rings
- Premium racing bearings
- Designed for Internal Balance. 9.800" deck height only.
- Recommended for extreme duty and alcohol engines.



To order any kit balanced by Eagle, add "B" to beginning of part number.

PART NO.		454 standard deck height (9.800")							DISPLACEMENT			
2pc SEAL	1pc SEAL	STROKE	ROD	PISTON	112cc	118cc	124cc	.030	.060	.070	.100	
35700	35700L	4.250"	6.385"	2618 Mahle +43cc dome	13.2	12.4	11.7	489	496	498	505	
35710	35710L	4.250"	6.535"	2618 JE +44cc dome	13.3	12.5	11.8	489	496	498	505	

PART NO.		502 standard deck height (9.800")							DISPLACEMENT				
2pc SEAL	1pc SEAL	STROKE	ROD	PISTON	112cc	118cc	124cc	4.500	4.530	4.560	4.600	4.625	
35720	35720L	4.250"	6.385"	2618 JE +37cc dome	13.4	12.6	11.9	541	548	555	565	571	
35730	35730L	4.250"	6.535"	2618 JE +40cc dome	13.8	13.0	12.3	541	548	555	565	571	



COMPETITION ASSEMBLIES

- Forged 4340 steel crankshaft
- Forged 4340 steel H-Beam rods
- 7/16" ARP 8740 rod bolts (2000, L19 available)
- Forged pistons and file-fit rings
- Premium racing bearings
- Designed for Internal Balance

To order any kit balanced by Eagle, add "B" to beginning of part number.

CHEVROLET 454

BIG BLOCK 454

standard deck height (9.800")

PART NO.		STROKE	ROD	PISTON	112cc	118cc	124cc
2pc SEAL	1pc SEAL						
11000	11100	4.000"	6.135"	4032 Mahle -3cc flat top	8.4	8.1	7.8
11004	11102	4.000"	6.385"	4032 Mahle -3cc flat top	8.4	8.1	7.8
11001	11104	4.000"	6.135"	4032 SRP +14cc closed dome	9.5	9.1	8.7
NEW! 11420	11420L	4.000"	6.135"	4032 Icon +18.3cc dome	9.9	9.4	9.0
11002	11106	4.000"	6.135"	2618 Mahle +28cc dome	10.7	10.2	9.7
11005	11107	4.000"	6.385"	2618 Mahle +28cc dome	10.7	10.2	9.7
11006	11109	4.000"	6.385"	2618 Mahle +48cc dome	13.2	12.3	11.6
11007	11110	4.000"	6.535"	2618 SRP +48cc dome	13.2	12.3	11.6
11011	11111	4.250"	6.385"	4032 Mahle -3cc flat top	8.9	8.5	8.2
11012	11113	4.250"	6.385"	4032 Mahle +18cc dome	10.4	9.9	9.5
NEW! 11421	11421L	4.250"	6.385"	4032 Icon +23cc dome	10.8	10.3	9.8
11013	11114	4.250"	6.385"	2618 Mahle +43cc dome	13.2	12.4	11.7
11014	11116	4.375"	6.385"	4032 Mahle +18cc dome	11.1	10.6	10.1
11016	call	4.375"	6.385"	2618 Mahle +41cc dome	14.0	13.1	12.3

DISPLACEMENT			
.030	.060	.070	.100
460	467	469	476
460	467	469	-
460	467	469	-
460	467	469	476
460	467	-	476
460	467	-	-
460	467	-	-
460	467	469	476
489	496	498	505
489	496	498	505
489	496	498	505
489	496	498	505
504	511	-	-
-	511	-	-

tall deck height (10.200")

PART NO.		STROKE	ROD	PISTON	112cc	118cc	124cc
2pc SEAL	1pc SEAL						
11508	N/A	4.250"	6.535"	4032 SRP -3cc flat top	8.9	8.5	8.2
11509	N/A	4.250"	6.535"	4032 SRP +17cc dome	10.3	9.8	9.4
11512	N/A	4.250"	6.800"	4032 Mahle +18cc dome	10.7	10.2	9.7
11510	N/A	4.250"	6.535"	2618 SRP +43cc dome	13.2	12.4	11.7
11513	N/A	4.250"	6.800"	2618 Mahle +43cc dome	13.7	12.9	12.1
11518	N/A	4.500"	6.700"	2618 SRP +48cc dome	15.4	14.3	13.4

DISPLACEMENT			
.030	.060	.070	.100
489	496	498	505
489	496	498	-
489	496	498	505
489	496	498	505
489	496	498	505
518	525	528	535

BIG BLOCK 409

PART NO.	STROKE	ROD	PISTON	RINGS	STOCK HEAD
11800	4.000"	6.135"	2618 Ross +.365" dome	std.	10.5

DISPLACEMENT	
4.342	4.372
474	480

Eagle Specialty Products reserves the right to substitute pistons due to availability

COMPETITION ASSEMBLIES

- Forged 4340 steel crankshaft
- Forged 4340 steel H-Beam rods
- 7/16" ARP 8740 rod bolts (2000, L19 available)
- Forged pistons and file-fit rings
- Premium racing bearings
- Designed for Internal Balance
- Specify actual bore size needed when ordering.



BIG BLOCK 502

standard deck height (9.800")

Specify actual bore size needed when ordering.

To order any kit balanced by Eagle, add "B" to beginning of part number.

PART NO.		STROKE	ROD	PISTON	112cc	118cc	124cc
2pc SEAL	1pc SEAL						
11616	11127	4.000"	6.135"	2618 JE -11.5cc inv. dome	8.6	8.3	8.0
11600	11128	4.000"	6.135"	4032 Mahle -3cc flat top	9.1	8.7	8.4
11604	11129	4.000"	6.385"	4032 Mahle -3cc flat top	9.1	8.7	8.4
11601	11150	4.000"	6.135"	4032 SRP +17cc dome	10.5	10.0	9.6
11605	11133	4.000"	6.385"	4032 SRP +17cc dome	10.5	10.0	9.6
11603	11134	4.000"	6.135"	2618 SRP +41cc dome	13.2	12.4	11.7
11606	11135	4.000"	6.385"	2618 SRP +41/+39cc dome	13.0	12.3	11.6
11614	11136	4.000"	6.535"	2618 SRP +41/+39cc dome	13.0	12.3	11.6
11610	11137	4.250"	6.385"	4032 Mahle/SRP -3cc flat top	9.6	9.2	8.9
11611	11138	4.250"	6.385"	4032 Mahle +13cc dome	10.8	10.3	9.9
11612	11139	4.250"	6.385"	2618 Mahle +36cc dome	13.2	12.5	11.8
11613	11140	4.250"	6.535"	2618 Mahle +36cc dome	13.2	12.5	11.8
11617	11155	4.375"	6.385"	4032 Mahle +8cc dome	11.0	10.5	10.0
11618	11160	4.375"	6.385"	2618 Mahle +34cc dome	13.9	13.1	12.4

DISPLACEMENT				
4.470	4.500	4.530	4.560	4.600
-	509	516	-	-
502	509	516	-	-
-	509	516	523	532
502	509	516	-	-
-	509	-	-	-
502	509	516	-	-
-	509	516	523	532
534	541	548	-	565
534	541	548	555	565
534	541	-	555	565
-	541	548	555	-
-	557	-	-	-
-	557	-	-	-

tall deck height (10.200")

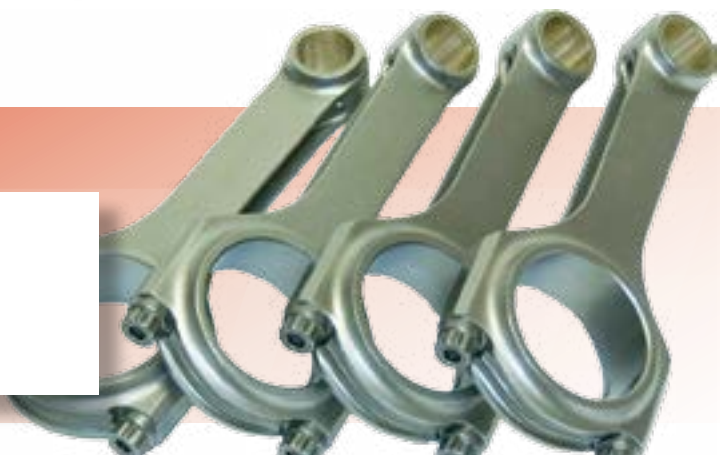
PART NO.		STROKE	ROD	PISTON	112cc	118cc	124cc
2pc SEAL	1pc SEAL						
11916	11141	4.000"	6.535"	2618 JE -11.5cc inv. dome	8.6	8.3	8.0
11900	11142	4.000"	6.535"	4032 SRP -3cc flat top	9.1	8.7	8.4
11905	11144	4.000"	6.800"	4032 SRP +17cc dome	10.8	10.3	9.8
11903	11145	4.000"	6.535"	2618 SRP +41 dome	13.9	12.9	11.8
11906	11146	4.000"	6.800"	2618 SRP +41/+39cc dome	13.6	12.8	12.0
11917	11147	4.250"	6.535"	2618 JE -20cc inv. dome	8.6	8.3	8.0
11910	11148	4.250"	6.535"	4032 SRP -3cc flat top	9.6	9.2	8.9
11913	11150	4.250"	6.800"	4032 SRP +10cc dome	10.9	10.4	9.9
11914	11152	4.250"	6.800"	2618 SRP +36/+33cc dome	13.8	13.0	12.2
11915	11154	4.500"	6.535"	4032 Mahle -3cc flat top	10.1	9.7	9.3
11918	11153	4.500"	6.700"	2618 SRP +41cc/+39cc dome	15.2	14.2	13.4
11624	N/A	4.750"	6.660"	4032 Mahle -3cc flat top	11.8	11.3	10.8

DISPLACEMENT				
4.470	4.500	4.530	4.560	4.600
-	509	516	-	-
502	509	516	-	-
-	509	-	-	-
502	509	516	-	-
-	509	516	523	532
-	541	-	555	565
-	541	548	-	-
534	541	548	555	-
534	541	548	555	565
-	573	580	588	598
-	573	580	588	598
-	604	-	-	632

4 CYLINDER

H-BEAM RODS

- Forged SAE 4340 steel from 2 piece forging.
- 3/8" ARP 2000 rod bolts
- Alignment sleeves for precise cap location.
- Sizing performed with Sunnen Krossgrinding system.
- Weight-matched to +/- 1 gram.
- Recommended for use up to 900 hp.



ENGINE	PART NO.	LENGTH	WEIGHT	PIN SIZE	NOTES	BOLTS	BUSHINGS
2.0	CRS5472N3D	5.472"	535	21mm	all Neon SOHC & DOHC	20060 (set of 8)	B776
2.0 long rod	CRS5608N3D	5.608"	550	21mm	requires custom piston	20060 (set of 8)	B776
2.4 SRT4	CRS5945D3D	5.945"	575	22mm		20060 (set of 8)	B810

8.0L VIPER V10

H-BEAM RODS



- Forged SAE 4340 steel from 2 piece forging.
- 7/16" ARP 8740, 2000, or L19 bolts, .984" pin size
- Alignment sleeves for precise cap location.
- Sizing performed with Sunnen Krossgrinding system.
- Weight-matched to +/- 1 gram.
- Recommended for use up to 1500 hp (with L19 bolts)

PART NO.	LENGTH	WEIGHT	NOTES	BOLTS	BUSHINGS	SLEEVES
CRS6123D10	6.123"	695	will NOT fit 8.3L engine	871600 (ea.)	B984	10000
CRS6123D102000	6.123"	695	up to 1200 hp	201600 (ea.)	B984	10000
CRS6123D10L19	6.123"	700	up to 1500 hp	191600 (ea.)	B984	10000

SMALL BLOCK 318, 340, 360

I-BEAM RODS

- Forged SAE 5140 steel, 3/8" ARP 8740 bolts, .984" pin size.
- Alignment sleeves for precise cap location.
- Sizing performed with CNC equipment.
- Weight-matched to +/- 2 gram.
- For use in pump gas street engines. No power adders.



LENGTH	PART NO.	WEIGHT	NOTES	BOLTS	BUSHINGS	SLEEVES
6.123"	SIR6123CP	605	press-fit	12055 (set of 16)	N/A	10005
6.123"	SIR6123CB	605	bushed	12055 (set of 16)	B992	10005

CHRYSLER 4 CYL, VIPER, SMALL BLOCK

H-BEAM RODS

- Forged SAE 4340 steel from 2 piece forging.
- 7/16" ARP 8740, 2000, or L19 bolts, .984" pin size.
- Alignment sleeves for precise cap location.
- Sizing performed with Sunnen Krossgrinding system.
- Weight-matched to +/- 1 gram.
- Recommended for use up to 1500 hp (with L19 bolts)



LENGTH	PART NO.	WEIGHT	BOLTS	BUSHINGS	SLEEVES
6.123"	CRS6123C3D	680	12000 (set of 16)	B984	10000
6.123"	CRS6123C3D2000	680	20000 (set of 16)	B984	10000



CAST CRANKSHAFTS

- An excellent alternative to O.E. crank.
- .092" radiuses (unless otherwise noted).
- Target bobweight guaranteed +/- 2%.
- Recommended for use in street engines, no power adders.
- Approximate weight is 54-56 pounds.

STROKE	318/340 MAINS	360 MAINS	BALANCE	BOBWEIGHT
3.310"	103403310	N/A	external	2050
3.580"	N/A	103603580	external	2050
4.000"	103404000	103604000	internal	2050

For use with standard transmission, order pilot bushing PB2 for 360, PB3 for 340.

FORGED STEEL CRANKSHAFTS

- Forged SAE 4340 steel, non-twist forging with multi-stage heat treatment.
- Micropolished journals feature a 3 R.A. or better.
- .125" fillet radiuses improve strength and rigidity. Chamfered bearings required.
- Shot-peened, stress-relieved, and nitrided for superior durability.
- Target bobweight guaranteed +/- 2%. Will internal balance without heavy metal.
- Recommended for use up to 1500 hp. Approximate weight is 57-60 pounds.



STROKE	318/340 MAINS	360 MAINS	BOBWEIGHT
3.310"	434033106123	N/A	2050
3.580"	N/A	436035806123	2050
4.000"	434040006123	436040006123	2050

For use with standard transmission, order pilot bushing PB2 for 360, PB3 for 340.

BALANCED STREET PERFORMANCE ASSEMBLIES



360 block

Balanced and ready to assemble!

- Cast steel crankshaft and forged 5140 steel "SIR" I-Beam rods
- 3/8" ARP 8740 rod bolts. Performance street bearings.
- Hypereutectic Speed Pro pistons and plasma-moly rings.
- All kits internally balanced. Standard bore size is 4.000"
- For use in pump gas, street engines. No power adders.

KIT NO.	STROKE	ROD	PISTON	RINGS						
					60cc	65cc	70cc	030	040	060
B20600	3.580"	6.123" bushed	SpeedPro -5cc flat top	FF	10.5	10.0	9.5	365	367	371
B20601	3.580"	6.123" press-fit	SpeedPro -5cc flat top	FF	10.5	10.0	9.5	365	367	371



Not for use in pollution controlled vehicles.

STREET & STRIP ASSEMBLIES

- Cast steel crankshaft and forged 5140 steel "SIR" I-Beam rods
- 3/8" ARP 8740 rod bolts. Performance street bearings.
- Forged 4032 Mahle pistons with plasma-moly rings.
- All kits must be balanced by qualified machine shop before use.
- Designed for internal balance.
- Standard bore size is 4.000" (360) or 4.040" (340).
- For use in pump gas, street engines. No power adders.



340 block, standard bore 4.040"

DISPLACEMENT

KIT NO.	STROKE	ROD	PISTON	RINGS	60cc	65cc	70cc
20504	3.310"	6.123"	4032 Mahle -5cc flat top	FF	10.2	9.6	9.1
20505	4.000"	6.123"	2618 Mahle -28cc inv. dome	FF	9.5	9.1	8.8
20506	4.000"	6.123"	4032 Mahle -5cc flat top	FF	12.1	11.4	10.8

000	030
339	345
410	416
410	416

To order any kit balanced by Eagle, add "B" to beginning of part number.

360 block, standard bore 4.000"

DISPLACEMENT

KIT NO.	STROKE	ROD	PISTON	RINGS	60cc	65cc	70cc
20507	3.580"	6.123"	4032 Mahle -5cc flat top	FF	10.8	10.2	9.7
20508	4.000"	6.123"	2618 Mahle -28cc inv. dome	FF	9.4	9.0	8.7
20502	4.000"	6.123"	4032 Mahle -16cc inv. dome	FF	10.6	10.1	9.6
20509	4.000"	6.123"	4032 Mahle -5cc flat top	FF	12.0	11.3	10.7

030	040	060
365	367	371
408	410	414
408	410	-
408	410	-

CHRYSLER SMALL BLOCK

COMPETITION ASSEMBLIES



- Forged 4340 steel crankshaft
- Forged 4340 steel H-Beam rods
- 7/16" ARP 8740 rod bolts (2000, L19 available)
- Forged Mahle pistons and file-fit rings
- Premium racing bearings
- Designed for Internal Balance
- Standard bore size is 4.000"

To order any kit balanced by Eagle, add "B" to beginning of part number.

340 block, standard bore 4.040"

DISPLACEMENT

KIT NO.	STROKE	ROD	PISTON	RINGS	60cc	65cc	70cc
20104	3.310"	6.123"	4032 Mahle -5cc flat top	FF	10.2	9.6	9.1
20105	4.000"	6.123"	2618 Mahle -28cc inv. dome	FF	9.5	9.1	8.8
20106	4.000"	6.123"	2618 Mahle -5cc flat top	FF	12.1	11.4	10.8

000	030
339	345
410	416
410	416

360 block, standard bore 4.000"

DISPLACEMENT

KIT NO.	STROKE	ROD	PISTON	RINGS	60cc	65cc	70cc
20107	3.580"	6.123"	4032 Mahle -5cc flat top	FF	10.8	10.2	9.7
20108	4.000"	6.123"	2618 Mahle -28cc inv. dome	FF	9.4	9.0	8.7
20102	4.000"	6.123"	4032 Mahle -16cc inv. dome	FF	10.6	10.1	9.6
20109	4.000"	6.123"	4032 Mahle -5cc flat top	FF	12.0	11.3	10.7

030	040	060
365	367	371
408	410	414
408	410	-
408	410	-

H-BEAM RODS

- Forged SAE 4340 steel from 2 piece forging.
- 7/16" ARP 8740, 2000, or L19 bolts, .927" pin size.
- Alignment sleeves for precise cap location.
- Sizing performed with Sunnen Krossgrinding system.
- Weight-matched to +/- 1 gram.
- Recommended for use up to 1500 hp (with L19 bolts)



NEW!

CHRYSLER LATE MODEL HEMI

NEW!

ENGINE	LENGTH	PART NO.	WEIGHT	JOURNAL	PIN SIZE	BOLTS	BUSHINGS
5.7L/6.1L	6.243"	CRS6243H3D	640	2.125"	.927"	12000	B928
5.7L/6.1L	6.243"	CRS6243C3D	640	2.125"	.945"	12000	call
stroker	6.125"	CRS6125S03D	660	2.000"	.927"	12000	B928



FORGED STEEL CRANKSHAFTS

- Forged SAE 4340 steel, non-twist forging with multi-stage heat treatment.
- Micropolished journals feature a 3 R.A. or better.
- .125" fillet radiuses improve strength and rigidity. Chamfered bearings required.
- Shot-peened, stress-relieved, and nitrided for superior durability.
- Target bobweight guaranteed +/- 2%. Will internal balance without heavy metal.
- Recommended for use up to 1500 hp. Approximate weight is 56 pounds.

NEW!

STROKE	32t RELUCTOR	58t RELUCTOR	BOBWEIGHT	MIN. ROD LENGTH	NOTES
4.050"	439240506125	439340506125	1780	6.125"	2.000" rod journals

COMPETITION ASSEMBLIES

- Forged 4340 steel crankshaft
- Forged 4340 steel H-Beam rods
- 7/16" ARP 8740 rod bolts (2000, L19 available)
- Forged Mahle pistons and file-fit rings
- Premium racing bearings
- Designed for Internal Balance



Engines equipped with variable valve timing (VVT) require a spacer behind crank gear. Use Arrington part number API-SPCR-A.

NEW!

PART NO.		5.7L, 32t (up to 2008), 58t (2009 and up)				DISPLACEMENT		
32 tooth	58 tooth	STROKE	ROD	PISTON	85cc	3.927	3.937	3.947
23150	23250	4.050"	6.125"	4032 Mahle -2cc flat top	9.4	392	394	396
23100	23200	4.050"	6.125"	4032 Mahle 6cc dome	10.2	392	-	396

NEW!

PART NO.		6.1L, 32t only				DISPLACEMENT		
32 tooth	STROKE	ROD	PISTON	74cc	4.065	4.080	4.090	
23300	4.050"	6.125"	4032 Mahle -12cc inv. dome	10.0	420	424	426	

Standard bore sizes
 5.7L - 3.917"
 6.1L - 4.055"
 6.4L - 4.090"

H-BEAM RODS

- Forged SAE 4340 steel from 2 piece forging.
- 7/16" ARP 8740 rod bolts (2000, L19 available)
- Alignment sleeves for precise cap location.
- Sizing performed with Sunnen Krossgrinding system.
- Weight-matched to +/- 1 gram.
- Recommended for use up to 1500 hp (with L19 bolts)



CHRYSLER 400

LENGTH	PART NO.	WEIGHT	PIN SIZE	NOTES	BOLTS	BUSHINGS
6.358"	CRS6358C3D	850	1.094"	1.094" pin	12080 (set of 16)	B1094
6.385"	CRS6385C3D	790	.990"	440 crank/ 400 block, 2.200" journal	12080 (set of 16)	B990C



FORGED STEEL CRANKSHAFTS

- Forged SAE 4340 steel in a non-twist forging with multi-stage heat treatment.
- Micropolished journals feature a 3 R.A. or better.
- .125" fillet radiuses improve strength and rigidity. Chamfered bearings required.
- Shot-peened, stress-relieved, and nitrided surface for superior durability.
- Target bobweight guaranteed +/- 2%. Will internal balance without heavy metal.
- Recommended for use up to 1500 hp. Approximate weight is 70-72 pounds.

STROKE	PART NO.		BOBWEIGHT	MIN. ROD
	6 BOLT FLANGE	8 BOLT FLANGE		
4.150"	440041506760	440241506760	2550	6.760"

COMPETITION ASSEMBLIES

- Forged 4340 steel crankshaft, forged 4340 steel H-Beam rods
- 7/16" ARP 8740 rod bolts (2000, L19 available)
- Forged Mahle pistons and file-fit rings, & premium racing bearings
- Designed for Internal Balance, standard bore size is 4.342"



6 bolt flange (8 bolt flange available)

KIT NO.	STROKE	ROD	PISTON	RINGS	DISPLACEMENT			008	033
					72cc	80cc	84cc		
21103	4.150"	6.760"	4032 Mahle -8cc flat top	FF	11.7	10.8	10.5	493	499

To order any kit balanced by Eagle, add "B" to beginning of part number.

H-BEAM RODS

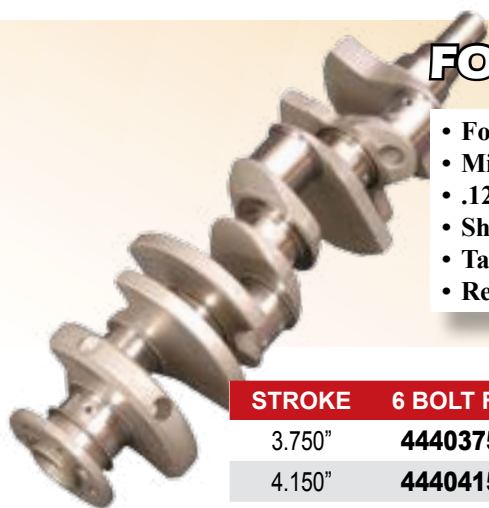
- Forged SAE 4340 steel from 2 piece forging.
- 7/16" ARP 8740 rod bolts (2000, L19 available)
- Alignment sleeves for precise cap location.
- Sizing performed with Sunnen Krossgrinding system.
- Weight-matched to +/- 1 gram.
- Recommended for use up to 1500 hp (with L19 bolts)



CHRYSLER RB

LENGTH	PART NO.	WEIGHT	PIN SIZE	NOTES	BUSHINGS
6.760"	CRS6760C3D	875	1.094"	O.E. dimensions	B1094
6.760"	CRS6760B3D	880	.990"		B990C
6.860"	CRS6860C3D	890	1.030"	426 hemi	B1040
6.385"	CRS6385C3D	790	.990"	for 440 crank/ 400 block, 2.200" journal	B990C
7.100"	CRS7100C3D	840	.990"	2.200" rod journal, 1.007" width	B990C

FORGED STEEL CRANKSHAFTS



- Forged SAE 4340 steel in a non-twist forging with multi-stage heat treatment.
- Micropolished journals feature a 3 R.A. or better.
- .125" fillet radiuses improve strength and rigidity. Chamfered bearings required.
- Shot-peened, stress-relieved, and nitrided surface for superior durability.
- Target bobweight guaranteed +/- 2%. Will internal balance without heavy metal.
- Recommended for use up to 1500 hp. Approximate weight is 70-72 pounds.

STROKE	6 BOLT FLANGE	8 BOLT FLANGE	BOBWEIGHT	MIN. ROD	NOTES
3.750"	444037506760	444237506760	2550	6.760"	
4.150"	444041506760	444241506760	2550	6.760"	
4.250"	N/A	444242507100	2500	7.100"	2.200" rod journals
4.375"	N/A	444243757100	2500	7.100"	2.200" rod journals
4.500"	N/A	444245007100	2500	7.100"	2.200" rod journals

COMPETITION ASSEMBLIES

- Forged 4340 steel crankshaft. Forged 4340 steel H-Beam rods
- 7/16" ARP 8740 rod bolts (2000, L19 available)
- Forged Mahle pistons and file-fit rings.
- Premium racing bearings
- Designed for Internal Balance. Standard bore size is 4.320"



To order any kit balanced by Eagle, add "B" to beginning of part number.

KIT NO.	STROKE	FLANGE	ROD	PISTON	RINGS	DISPLACEMENT			DISPLACEMENT	
						72cc	80cc	84cc	030	055
21200	3.750"	6 bolt	6.760"	4032 Mahle -8cc flat top	FF	10.6	9.8	9.5	446	451
21201	4.150"	6 bolt	6.760"	4032 Mahle -8cc flat top	FF	11.6	10.8	10.4	493	499
21202	4.250"	8 bolt	7.100"	4032 Mahle -8cc flat top	FF	11.9	11.0	10.7	505	511
21203	4.375"	8 bolt	7.100"	4032 Mahle -8cc flat top	FF	12.2	11.3	10.9	520	-
21205	4.500"	8 bolt	7.100"	4032 Mahle -8cc flat top	FF	12.5	11.6	11.2	535	541



H-BEAM RODS

- Forged SAE 4340 steel from 2 piece forging.
- 3/8" ARP 2000 rod bolts (unless otherwise noted)
- Alignment sleeves for precise cap location.
- Sizing performed with Sunnen Krossgrinding system.
- Weight-matched to +/- 1 gram



ENGINE	PART NO.	LENGTH	WEIGHT	PIN SIZE	NOTES	BOLTS	BUSHINGS
Pinto 2000cc	CRS5700PLW	5.700"	515	.927"	2.000" journal, 1.029" width	20060 (set of 8)	B928
1.9 Zetec	CRS5483F3D	5.483"	535	20mm	also for 2.0 Zetec	20060 (set of 8)	B788
2.3 Duratec	CRS6094F3D	6.094"	565	21mm	non-turbo	20060 (set of 8)	B810
MZR 2.3L	CRS5927M13D	5.927"	580	22mm	DI 2.3L turbo	20060 (set of 8)	call
MZR 2.3L	CRS5927M23D	5.927"	580	22.5mm	DI 2.3L turbo	20060 (set of 8)	call
3.8 V6 S/C	CRS6090F3D	6.090"	605	.912"	use 351W rod bearings	871600 (ea.)	B928

ENGINE	PART NO.	LENGTH	WEIGHT	PIN SIZE	NOTES	BOLTS	BUSHINGS
4.6	CRS5933F8740	5.933	605	22mm	ARP 8740 rod bolts	12055 (set of 16)	B808
4.6	CRS5933F3D	5.933"	605	22mm		20070 (set of 16)	B808
4.6 stroker	CRS5850F8740	5.850"	call	22mm	SRP 8740 rod bolts	12055 (set of 16)	B808
4.6 stroker	CRS5850F3D	5.850"	call	22mm	1.889" rod journal	20070 (set of 16)	B808
4.6 stroker	CRS5950F8740	5.950"	560	22mm	1.889" rod journal, ARP 8740 bolts	12055 (set of 16)	B808
4.6 stroker	CRS5950F3D	5.950"	560	22mm	1.889" rod journal	20070 (set of 16)	B808
5.4	CRS6657F3D	6.657"	630	22mm		20070 (set of 16)	B808
6.8 V10	CRS6657F3D10	6.657"	630	22mm	set of 10	201500 (ea.)	B808



CAST STEEL CRANKSHAFTS

- An excellent alternative to O.E. crank. All use 8 bolt flange.
- .092" radiuses (unless otherwise noted).
- Target bobweight guaranteed +/- 2%.
- Recommended for use in street engines, no power adders.
- Approximate weight is 48 pounds.

STROKE	PART NO.	BOBWEIGHT	ROD JOURNAL
3.554"	102813554	1600	2.086"
3.750"	102813750	1600	1.889"

FORGED STEEL CRANKSHAFTS

- Forged SAE 4340 steel in a non-twist forging with multi-stage heat treatment.
- Micropolished journals feature a 3 R.A. or better.
- .125" fillet radiuses improve strength and rigidity. Chamfered bearings required.
- Shot-peened, stress-relieved, and nitrided surface for superior durability.
- Target bobweight guaranteed +/- 2%. Will internal balance without heavy metal.
- Recommended for use up to 1500 hp.
- Approximate weight is 50 pounds. All use 8 bolt flange.



STROKE	PART NO.	BOBWEIGHT	ROD JOURNAL	NOTES
NEW! 3.543"	428135435933	1600	2.086"	8 bolt flange
3.554"	428135545933	1600	2.086"	8 bolt flange
3.750"	428137505850	1600	1.889"	8 bolt flange

FORD 4 CYL, 6 CYL, MODULAR V8

STREET & STRIP ASSEMBLIES

- Cast steel crankshaft. Designed for internal balance.
- Forged 4340 steel H-Beam rods with 3/8" ARP 8740 rod bolts
- Forged Arias pistons and file-fit rings, Premium racing bearing.
- Standard bore size is 3.552"



KIT NO.		2 valve heads (52cc), "PI" heads (44cc)							DISPLACEMENT	
ROMEO	WINDSOR	STROKE	ROD	PISTON	RINGS	44cc	52cc	000	020	
16400	16400W	3.554"	5.933"	2618 Arias -17cc inv. dome	FF	9.7	8.7	282	285	
16404	16404W	3.750"	5.950"	2618 Arias -22cc inv. dome	FF	9.5	8.6	297	301	

KIT NO.		3 valve heads (50cc)					DISPLACEMENT	
STROKE	ROD	PISTON	RINGS	50cc	000	020		
16410	3.554"	5.933"	2618 Arias -17cc inv. dome	FF	9.0	-	285	
16414	3.750"	5.950"	2618 Arias -19cc inv. dome	FF	9.3	297	301	

To order any kit balanced by Eagle, add "B" to beginning of part number.

KIT NO.		4 valve heads (52.6cc)					DISPLACEMENT	
STROKE	ROD	PISTON	RINGS	52.6cc	000	020		
16420	3.554"	5.933"	2618 Arias -17cc inv. dome	FF	8.6	-	285	
16424	3.750"	5.950"	2618 Arias -17cc inv. dome	FF	9.0	-	301	

COMPETITION ASSEMBLIES

- Forged 4340 steel crankshaft designed for internal balance.
- Forged 4340 steel H-Beam rods 3/8" ARP 2000 rod bolts.
- Forged Arias pistons and file-fit rings. Standard bore is 3.552"
- Premium chamfered racing bearings.



KIT NO.		2 valve heads (52cc), "PI" heads (44cc)							DISPLACEMENT	
ROMEO	WINDSOR	STROKE	ROD	PISTON	RINGS	44cc	52cc	000	020	
14400	14400W	3.554"	5.933"	2618 Arias -17cc inv. dome	FF	9.7	8.7	282	285	
14404	14404W	3.750"	5.950"	2618 Arias -22cc inv. dome	FF	9.5	8.6	297	301	
14403	14403W	3.750"	5.950"	2618 Arias -4cc flat top	FF	12.2	10.9	297	301	

KIT NO.		3 valve heads (50cc)					DISPLACEMENT	
STROKE	ROD	PISTON	RINGS	50cc	000	020		
14410	3.554"	5.933"	2618 Arias -17cc inv. dome	FF	9.0	-	285	
14414	3.750"	5.950"	2618 Arias -19cc inv. dome	FF	9.3	297	301	
14413	3.750"	5.950"	2618 Arias -4cc flat top	FF	11.2	297	301	

To order any kit balanced by Eagle, add "B" to beginning of part number.

KIT NO.		4 valve heads (52.6cc)					DISPLACEMENT	
STROKE	ROD	PISTON	RINGS	52.6cc	000	020		
14420	3.554"	5.933"	2618 Arias -17cc inv. dome	FF	8.6	-	285	
14424	3.750"	5.950"	2618 Arias -17cc inv. dome	FF	9.0	-	301	
14423	3.750"	5.950"	2618 Arias -4cc flat top	FF	10.8	-	301	



I-BEAM RODS

- Forged SAE 5140 steel with 3/8" ARP 8740 rod bolts
- Alignment sleeves for precise cap location.
- Sizing performed with CNC equipment.
- Weight-matched to +/- 2 gram.
- For use in pump gas street engines. No power adders.



LENGTH	PART NO.	WEIGHT	PIN SIZE	NOTES	BOLTS	BUSHINGS	SLEEVES
5.090"	SIR5090FP	525	.912"	press-fit	12055 (set of 16)	B930	10005
5.090"	SIR5090FB	525	.912"	bushed	12055 (set of 16)	B930	10005
5.400"	SIR5400CB	525	.927"	bushed, 2.100" journal, .8315" width	12055 (set of 16)	B930	10005
5.400"	SIR5400FB	call	.927"	2.123" (O.E.) rod journal	12055 (set of 16)	B930	10005

FORD 289 / 302



H-BEAM RODS

- Forged SAE 4340 steel from 2 piece forging.
- 7/16" ARP 8740 rod bolts (2000 available)
- Alignment sleeves for precise cap location.
- Sizing performed with Sunnen Krossgrinding system.
- Weight-matched to +/- 1 gram.
- Recommended for use up to 1300 hp (with 2000 bolts)

LENGTH	PART NO.	WEIGHT	PIN SIZE	NOTES
5.090"	CRS5090F3D	590	.912"	
5.155"	CRS5155F3D	595	.912"	289, Boss 302
5.315"	CRS5315C3D	600	.927"	2.100" rod journal, .8315" width
5.400"	CRS5400C3D	580	.927"	2.100" rod journal, .8315" width
5.400"	CRS5400F3D	605	.927"	2.000" rod journal, .8315" width
NEW! 5.400"	CRS5400S3D	call	.927"	2.123" (O.E.) rod journal

Heavy Duty Rods with Bolt Upgrade

LENGTH	PART NO.	WEIGHT	NOTES
5.090"	CRS5090F3D2000	590	up to 1200 hp
5.400"	CRS5400C3D2000	580	up to 1200 hp, 2.1" journal, .8315" width, .927" pin

SERVICE PART	PART NO.	QTY	NOTES
pin bushing	B927	ea.	
rod bolts	12000	16	ARP 8740
rod bolts	20000	16	ARP 2000
alignment sleeves	10000	ea.	

CAST STEEL CRANKSHAFTS

- An excellent alternative to O.E. crank.
- .092" radiuses (unless otherwise noted).
- Target bobweight guaranteed +/- 2%.
- Recommended for use in street engines, no power adders.
- Approximate weight is 48 pounds.
- Designed for 28 in-oz external balance unless otherwise noted.



STROKE	PART NO.	BOBWEIGHT	ROD JOURNAL	NOTES
3.000"	103023000	1650	2.123"	
3.000"	103023000-50	1650	2.123"	50 in-oz ext. balance
3.250"	103023250	1650	2.100"	Ford width
NEW! 3.250"	103023252	1650	2.123"	O.E. rod journals
3.400"	103023400	1650	2.100"	Ford width
NEW! 3.400"	103023402	1650	2.123"	O.E. rod journals

FORD 289 / 302

FORGED STEEL CRANKSHAFTS

- Forged SAE 4340 steel in a non-twist forging with multi-stage heat treatment.
- Micropolished journals feature a 3 R.A. or better.
- .125" fillet radiuses improve strength and rigidity. Chamfered bearings required.
- Shot-peened, stress-relieved, and nitrided surface for superior durability.
- Target bobweight guaranteed +/- 2%. Will internal balance without heavy metal.
- Recommended for use up to 1500 hp.
- Approximate weight is 52-57 pounds.



STROKE	PART NO.	BOBWEIGHT	MIN. ROD	ROD JOURNAL
3.000"	430230015090	1750	5.090"	2.123"
3.250"	430232505400	1750	5.400"	2.100"
3.400"	430234005400	1750	5.400"	2.100"
3.470"	430234705400	1750	5.400"	2.100"



BALANCED STREET PERFORMANCE ASSEMBLIES



- Cast steel crankshaft and forged 5140 steel "SIR" I-Beam rods
- 3/8" ARP 8740 rod bolts. Performance street bearings.
- Hypereutectic Speed Pro pistons and plasma-moly rings.
- All kits balanced. Standard bore size is 4.000"
- For use in pump gas, street engines. No power adders.

Balanced and ready to assemble!

V-rib belts 157 tooth flexplate	V-rib belts 164 tooth flexplate	single belt 164 tooth flexplate
---------------------------------------	---------------------------------------	---------------------------------------

AUTOMATIC TRANS.

DISPLACEMENT

000	030	040	060
342	347	349	352

KIT NO.	KIT NO.	KIT NO.	STROKE	ROD	PISTON	RINGS	58cc	64cc
B16422EA	B16422LA	B16422MA	3.400"	5.400"	Speed Pro -5cc flat	std	10.5	9.8

V-rib belts 164 tooth flywheel	V-rib belts 157 tooth flywheel	single belt 157 tooth flywheel
--------------------------------------	--------------------------------------	--------------------------------------

MANUAL TRANS.

DISPLACEMENT

000	030	040	060
342	347	349	352

KIT NO.	KIT NO.	KIT NO.	STROKE	ROD	PISTON	RINGS	58cc	64cc
B16422ES	B16422LS	B16422MS	3.400"	5.400"	Speed Pro -5cc flat	std	10.5	9.8

STREET & STRIP ASSEMBLIES

- Cast steel crankshaft.
- Designed for 28 in-oz external balance.
- Forged 5140 steel I-Beam rods
- 3/8" ARP 8740 rod bolts
- Forged or hypereutectic pistons and file-fit rings
- Performance street bearings.
- Standard bore size is 4.000"



DISPLACEMENT

000	030	040	060
302	306	308	311
-	332	333	-
327	332	333	337
327	332	333	337
327	332	333	-
342	347	349	352
342	347	349	352
342	347	-	-
342	347	349	352
342	347	349	352

KIT NO.	STROKE	ROD	PISTON	RINGS	58cc	64cc
16002	3.000"	5.090"	hyper. KB -6.5cc flat top	FF	9.4	8.8
16005	3.250"	5.400"	4032 Mahle -16cc inv. dome	FF	8.9	8.4
NEW! 16351	3.250"	5.400"	4032 Icon -11cc flat top	FF	9.5	8.9
16021	3.250"	5.400"	hyper. KB -10cc inv. dome	FF	9.6	9.0
16006	3.250"	5.400"	4032 Mahle -6cc flat top	FF	10.0	9.3
16040	3.400"	5.400"	4032 Mahle -16cc inv. dome	FF	9.3	8.8
16023	3.400"	5.400"	hyper. KB -16cc inv. dome	FF	9.3	8.8
NEW! 16323	3.400"	5.400"	4032 Icon -11cc flat top	FF	9.8	9.2
16004	3.400"	5.400"	4032 SRP -12.5cc inv. dome	FF	9.9	9.3
16022	3.400"	5.400"	hyper. KB -6.5cc flat top	FF	10.3	9.7
16003	3.400"	5.400"	4032 Mahle -6cc flat top	FF	10.4	9.7

Twisted Wedge heads

KIT NO.	STROKE	ROD	PISTON	RINGS	58cc	64cc
16032	3.400"	5.400"	4032 Mahle -16cc inv. dome	FF	9.3	8.8
16033	3.400"	5.400"	4032 Mahle -6cc flat top	FF	10.4	9.7

DISPLACEMENT

000	030	040	060
-	347	349	-
-	347	349	-

FORD 289 / 302

BALANCED STREET & STRIP ASSEMBLIES

- Cast steel crankshaft and forged 5140 steel "SIR" I-Beam rods
- 3/8" ARP 8740 rod bolts. Performance street bearings.
- Hypereutectic KB or forged 4032 pistons, plasma-moly rings.
- All kits are externally balanced and ready to assemble.
- Includes street damper and flexplate or flywheel.
- For use in pump gas, street engines. No power adders.



Balanced and ready to assemble!

AUTOMATIC TRANS.

V-rib belts 157t flexplate		V-rib belts 164t flexplate		single belt 164t flexplate					DISPLACEMENT		
KIT NO.	KIT NO.	KIT NO.	STROKE	ROD	PISTON	RINGS	58cc	64cc	030	040	060
B16002EA	B16002LA	B16002MA	3.000"	5.090"	hyper. KB -6.5cc flat top	FF	9.4	8.8	306	308	311
B16005EA	B16005LA	B16005MA	3.250"	5.400"	4032 Mahle -16cc inv. dome	FF	8.9	8.4	332	333	-
NEW! B16351EA	B16351LA	B16351MA	3.250"	5.400"	4032 Icon -11cc flat top	FF	9.5	8.9	332	333	337
B16021EA	B16021LA	B16021MA	3.250"	5.400"	hyper. KB -10cc inv. dome	FF	9.6	9.0	332	333	337
B16006EA	B16006LA	B16006MA	3.250"	5.400"	4032 Mahle -6cc flat top	FF	10.0	9.3	332	333	-
B16040EA	B16040LA	B16040MA	3.400"	5.400"	4032 Mahle -16cc inv. dome	FF	9.3	8.8	347	349	352
B16023EA	B16023LA	B16023MA	3.400"	5.400"	hyper. KB -16cc inv. dome	FF	9.3	8.8	347	349	352
NEW! B16323EA	B16323LA	B16323MA	3.400"	5.400"	4032 Icon -11cc flat top	FF	9.8	9.2	347	349	352
B16004EA	B16004LA	B16004MA	3.400"	5.400"	4032 SRP -12.5cc inv. dome	FF	9.9	9.3	347	-	-
B16022EA	B16022LA	B16022MA	3.400"	5.400"	hyper. KB -6.5cc flat top	FF	10.3	9.7	347	349	352
B16003EA	B16003LA	B16003MA	3.400"	5.400"	4032 Mahle -6cc flat top	FF	10.4	9.7	347	349	352

Twisted Wedge heads

									DISPLACEMENT		
KIT NO.	KIT NO.	KIT NO.	STROKE	ROD	PISTON	RINGS	58cc	64cc	030	040	060
B16032EA	B16032LA	B16032MA	3.400"	5.400"	4032 Mahle -16cc inv. dome	FF	9.3	8.8	347	349	-
B16033EA	B16033LA	B16033MA	3.400"	5.400"	4032 Mahle -6cc flat top	FF	10.4	9.7	347	349	-

MANUAL TRANS.

V-rib belts 164t flywheel		V-rib belts 157t flywheel		single belt 157t flywheel					DISPLACEMENT		
KIT NO.	KIT NO.	KIT NO.	STROKE	ROD	PISTON	RINGS	58cc	64cc	030	040	060
B16002ES	B16002LS	B16002MS	3.000"	5.090"	hyper. KB -6.5cc flat top	FF	9.4	8.8	306	308	311
B16005ES	B16005LS	B16005MS	3.250"	5.400"	4032 Mahle -16cc inv. dome	FF	8.9	8.4	332	333	-
NEW! B16351ES	B16351LS	B16351MS	3.250"	5.400"	4032 Icon -11cc flat top	FF	9.5	8.9	332	333	337
B16021ES	B16021LS	B16021MS	3.250"	5.400"	hyper. KB -10cc inv. dome	FF	9.6	9.0	332	333	337
B16006ES	B16006LS	B16006MS	3.250"	5.400"	4032 Mahle -6cc flat top	FF	10.0	9.3	332	333	-
B16040ES	B16040LS	B16040MS	3.400"	5.400"	4032 Mahle -16cc inv. dome	FF	9.3	8.8	347	349	352
B16023ES	B16023LS	B16023MS	3.400"	5.400"	hyper. KB -16cc inv. dome	FF	9.3	8.8	347	349	352
NEW! B16323ES	B16323LS	B16323MS	3.400"	5.400"	4032 Icon -11cc flat top	FF	9.8	9.2	347	349	352
B16004ES	B16004LS	B16004MS	3.400"	5.400"	4032 SRP -12.5cc inv. dome	FF	9.9	9.3	347	-	-
B16022ES	B16022LS	B16022MS	3.400"	5.400"	hyper. KB -6.5cc flat top	FF	10.3	9.7	347	349	352
B16003ES	B16003LS	B16003MS	3.400"	5.400"	4032 Mahle -6cc flat top	FF	10.4	9.7	347	349	352

Twisted Wedge heads

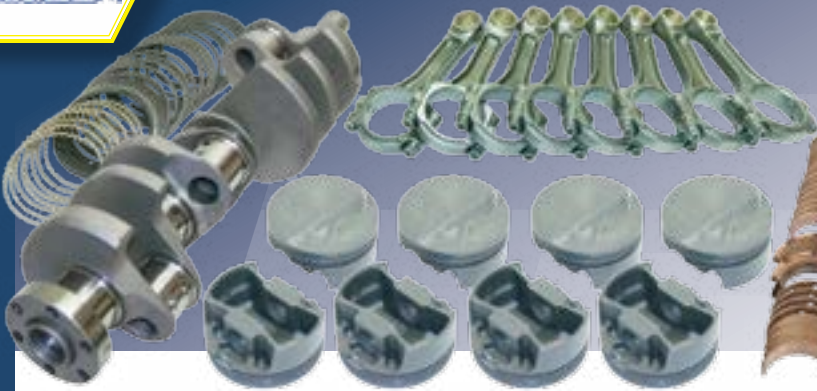
									DISPLACEMENT		
KIT NO.	KIT NO.	KIT NO.	STROKE	ROD	PISTON	RINGS	58cc	64cc	030	040	060
B16032ES	B16032LS	B16032MS	3.400"	5.400"	4032 Mahle -16cc inv. dome	FF	9.3	8.8	347	349	-
B16033ES	B16033LS	B16033MS	3.400"	5.400"	4032 Mahle -6cc flat top	FF	10.4	9.7	347	349	-



Not for use in pollution controlled vehicles.

FORD 289 / 302

PRO STREET ASSEMBLIES



- Forged 4340 steel crankshaft
- Forged 5140 steel I-Beam rods
- 3/8" ARP 8740 rod bolts
- Forged Mahle pistons and file-fit rings
- Premium racing bearings
- Designed for Internal Balance
- Standard bore size is 4.000"

To order any kit balanced by Eagle, add "B" to beginning of part number.



KIT NO	STROKE	ROD	PISTON	58cc		DISPLACEMENT		
				58cc	64cc	030	040	060
14551	3.250"	5.400"	4032 Icon -11cc flat top	9.5	8.9	332	333	337
14523	3.400"	5.400"	4032 Icon -11cc flat top	9.8	9.2	347	349	352
14500	3.400"	5.400"	4032 Mahle -6.6cc flat top	10.4	9.7	347	349	352

COMPETITION ASSEMBLIES

- Forged 4340 steel crankshaft
- Forged 4340 steel H-Beam rods
- 7/16" ARP 8740 rod bolts (2000 available)
- Forged Mahle pistons and file-fit rings
- Premium racing bearings
- Designed for Internal Balance
- Standard bore size is 4.000"



To order any kit balanced by Eagle, add "B" to beginning of part number.

DISPLACEMENT

KIT NO.	STROKE	ROD	PISTON	RINGS	58cc		DISPLACEMENT					
					58cc	64cc	000	020	030	040	060	125
14001	3.000"	5.090"	4032 SRP -14.5cc inv. dome	FF	8.5	8.0	-	305	306	308	311	-
14002	3.000"	5.090"	4032 SRP -5cc flat top	FF	9.4	8.8	302	-	306	308	311	-
14008	3.000"	5.090"	4032 SRP +18cc dome	FF	13.1	11.9	-	-	306	308	311	-
14014	3.250"	5.400"	4032 Mahle -16cc inv. dome	FF	8.9	8.4	327	-	332	333	-	-
14251	3.250"	5.400"	4032 Icon -11cc flat top	FF	9.5	8.9	327	-	332	333	337	-
14006	3.250"	5.400"	4032 Mahle -6cc flat top	FF	10.0	9.3	327	-	332	333	-	347
14007	3.250"	5.400"	4032 Mahle +7cc dome	FF	11.8	10.9	-	-	332	-	-	-
14040	3.400"	5.400"	4032 Mahle -16cc inv. dome	FF	9.3	8.8	342	-	347	349	352	364
14223	3.400"	5.400"	4032 Icon -11cc flat top	FF	9.8	9.2	342	-	347	349	352	-
14004	3.400"	5.400"	4032 SRP -12.5cc inv. dome	FF	9.9	9.3	342	-	347	-	-	-
14003	3.400"	5.400"	4032 Mahle -6cc flat top	FF	10.3	9.7	342	-	347	349	352	364
14013	3.400"	5.400"	4032 Mahle +7cc dome	FF	12.3	11.4	-	-	347	-	-	-

Twisted Wedge heads

DISPLACEMENT

KIT NO.	STROKE	ROD	PISTON	RINGS	58cc		DISPLACEMENT	
					58cc	64cc	030	040
14028	3.000"	5.090"	4032 Mahle -6cc flat top	FF	9.3	8.7	306	308
14030	3.250"	5.400"	4032 Mahle-16cc inv. dome	FF	8.9	8.4	332	333
14031	3.250"	5.400"	4032 Mahle -6cc flat top	FF	10.0	9.3	332	333
14032	3.400"	5.400"	4032 Mahle -16cc inv. dome	FF	9.3	8.8	347	349
14033	3.400"	5.400"	4032 Mahle -6cc flat top	FF	10.3	9.7	347	349

H-BEAM RODS

- Forged SAE 4340 steel from 2 piece forging.
- 7/16" ARP 8740 rod bolts (2000 available)
- Alignment sleeves for precise cap location.
- Sizing performed with Sunnen Krossgrinding system.
- Weight-matched to +/- 1 gram.
- Recommended for use up to 1300 hp (with 2000 bolts)



LENGTH	PART NO.	WEIGHT	PIN SIZE	BOLTS	BUSHINGS
5.780"	CRS5780F3D	660	.912"	12000 (set of 16)	B930

Eagle 351C rods are designed to use 351W rod bearings.

FORD 351C



CAST STEEL CRANKSHAFTS

- An excellent alternative to O.E. crank. All use 8 bolt flange.
- .092" radiuses (unless otherwise noted).
- Target bobweight guaranteed +/- 2%.
- Recommended for use in street engines, no power adders.
- Approximate weight is 48 pounds.

All Eagle 351C cranks have 351W snouts. In order to use a 351C timing set, a .375" spacer must be placed behind the timing gear in order to align the timing chain correctly. Special timing sets are produced by Rollmaster. Part number CS3110 or CS3130.

STROKE	PART NO.	BOBWEIGHT	MIN. ROD	NOTES
3.850"	103523850	1900	6.000"	2.100" journals

FORGED STEEL CRANKSHAFTS NEW!

- Forged SAE 4340 steel in a non-twist forging with multi-stage heat treatment.
- Micropolished journals feature a 3 R.A. or better.
- .125" fillet radiuses improve strength and rigidity. Chamfered bearings required.
- Shot-peened, stress-relieved, and nitrided surface for superior durability.
- Target bobweight guaranteed +/- 2%. Will internal balance without heavy metal.
- Recommended for use up to 1500 hp.
- Approximate weight is 52-57 pounds.



STROKE	PART NO.	BOBWEIGHT	MIN. ROD	NOTES
NEW! 3.850"	435638506000	1765	6.000"	2.100" journals
NEW! 4.000"	435640006000	1765	6.000"	2.100" journals



Not for use in pollution controlled vehicles.

FORD 351C

STREET & STRIP ASSEMBLIES

- Cast steel crankshaft. Designed for 28 in-oz external balance.
- Forged 5140 steel I-Beam rods with 3/8" ARP 8740 rod bolts
- Forged Mahle pistons and file-fit rings
- Performance street bearings.
- Standard bore size is 4.000"



KIT NO.	STROKE	ROD	PISTON	RINGS	60cc	72cc	80cc	DISPLACEMENT	
								030	040
16800	3.850"	6.000"	4032 Mahle -3cc flat top	FF	12.3	10.7	9.7	393	395

NEW!

COMPETITION ASSEMBLIES

- Forged 4340 steel crankshaft
- Forged 4340 steel H-Beam rods
- 7/16" ARP 8740 rod bolts (2000 available)
- Forged Mahle pistons and file-fit rings
- Premium racing bearings
- Designed for Internal Balance
- Standard bore size is 4.000"



KIT NO.	STROKE	ROD	PISTON	RINGS	60cc	72cc	80cc	DISPLACEMENT	
								030	040
14800	3.850"	6.000"	4032 Mahle -3cc flat top	FF	12.3	10.7	9.7	393	395
14700	4.000"	6.000"	4032 Mahle -20cc inv. dome	FF	10.5	9.3	8.7	408	-
14702	4.000"	6.000"	4032 Mahle -3cc flat top	FF	12.7	11.0	10.2	408	-

To order any kit balanced by Eagle, add "B" to beginning of part number.

FORD 351W

I-BEAM RODS

- Forged SAE 5140 steel with 3/8" ARP 8740 rod bolts
- Alignment sleeves for precise cap location.
- Sizing performed with CNC equipment.
- Weight-matched to +/- 2 gram.
- For use in pump gas street engines. No power adders.



LENGTH	PART NO.	WEIGHT	PIN SIZE	NOTES	BUSHINGS	ROD BOLTS
5.956"	SIR5956FP	550	.912"	press-fit	n/a	12055
5.956"	SIR5956FB	550	.912"	bushed	B912	12055
6.200"	SIR6200BBLW	610	.927"	bushed, used with stroker crank	B930	12055
6.250"	SIR6250BBLW	615	.927"	bushed, used with stroker crank	B930	12055

H-BEAM RODS

- Forged SAE 4340 steel from 2 piece forging.
- 7/16" ARP 8740 rod bolts (2000 available)
- Alignment sleeves for precise cap location.
- Sizing performed with Sunnen Krossgrinding system.
- Weight-matched to +/- 1 gram.



LENGTH	PART NO.	ARP2000	WEIGHT	JOURNAL	PIN SIZE	BUSHINGS	ROD BOLTS
5.956"	CRS5956F3D	CRS5956F3D2000	640	2.310"	.912"	B912	12000
6.200"	CRS6200B3D	CRS6200B3D2000	640	2.100"	.927"	B927	12000
6.250"	CRS6250B3D	CRS6250B3D2000	650	2.100"	.927"	B927	12000
6.300"	CRS6300B3D	CRS6300B3D2000	665	2.100"	.927"	B927	12000

FORD 351W

CAST STEEL CRANKSHAFTS

- An excellent alternative to O.E. crank.
- .092" radiuses (unless otherwise noted).
- Target bobweight guaranteed +/- 2%.
- Recommended for use in street engines, no power adders.
- Approximate weight is 52-56 pounds.

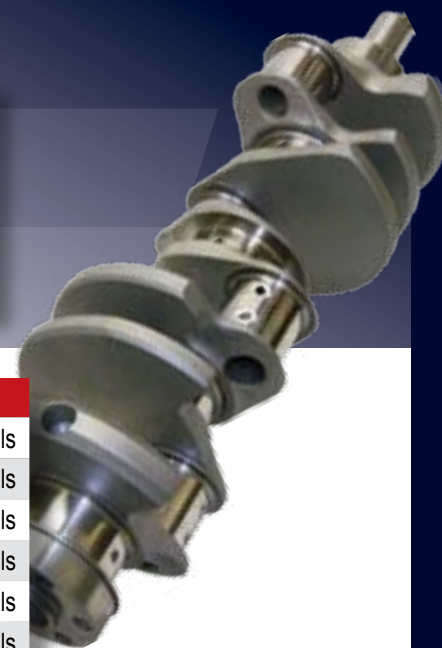


STROKE	PART NO.	BOBWEIGHT	MIN. ROD	NOTES
3.750"	103513750	1920	6.200"	2.100" journals
3.850"	103513850	1900	5.965"	2.310" journals
4.000"	103514000	1920	6.200"	2.100" journals

FORGED STEEL CRANKSHAFTS

- Forged SAE 4340 steel in a non-twist forging with multi-stage heat treatment.
- Micropolished journals feature a 3 R.A. or better.
- .125" fillet radiuses improve strength and rigidity. Chamfered bearings required.
- Shot-peened, stress-relieved, and nitrided surface for superior durability.
- Target bobweight guaranteed +/- 2%. Will internal balance without heavy metal.
- Recommended for use up to 1500 hp.
- Approximate weight is 55-60 pounds.

STROKE	3.000" MAINS	2.750" MAINS	BOBWEIGHT	MIN. ROD	NOTES
3.500"	435135006200	435235006200	1900	6.200"	2.1" journals
3.750"	N/A	435237506200	1900	6.200"	2.1" journals
3.850"	N/A	435238506200	1900	6.200"	2.1" journals
4.000"	435140006200	435240006200	1900	6.200"	2.1" journals
4.100"	435141006200	435241006200	1900	6.200"	2.1" journals
4.250"	N/A	435242506250	1900	6.250"	2.1" journals



STREET & STRIP ASSEMBLIES

- Cast steel crankshaft. Designed for 28 in-oz external balance.
- Forged 5140 steel I-Beam rods with 3/8" ARP 8740 rod bolts
- Forged Mahle or hypereutectic KB pistons and file-fit rings
- Performance street bearings.
- Standard bore size is 4.000"

To order any kit balanced by Eagle, add "B" to beginning of part number.

KIT NO.	HEIGHT	STROKE	ROD	PISTON	RINGS	58cc	64cc	72cc
16121	9.475"	3.750"	6.250"	4032 SRP -32cc inv. dome	FF	8.6	8.2	7.7
16122	9.475"	3.750"	6.250"	4032 Mahle -6cc flat top	FF	11.2	10.5	9.7
16526	9.481"	3.850"	5.956"	hyper. KB -22cc inv. dome	FF	9.9	9.3	8.7
16128	9.481"	3.850"	5.956"	4032 Mahle -26cc inv. dome	FF	9.4	8.9	8.3
16524	9.480"	4.000"	6.200"	hyper. KB -27.5cc inv. dome	FF	9.5	9.0	8.5
16525	9.480"	4.000"	6.200"	hyper. KB -6.5cc flat top	FF	11.9	11.1	10.2
16124	9.500"	4.000"	6.200"	4032 Mahle -28cc inv. dome	FF	9.9	9.3	8.7
16123	9.495"	4.000"	6.250"	4032 Mahle -26cc inv. dome	FF	10.0	9.4	8.8
16129	9.480"	4.000"	6.250"	4032 Mahle -20cc inv. dome	FF	10.2	9.7	9.0
16125	9.495"	4.000"	6.250"	4032 Mahle -6.6cc flat top	FF	12.6	11.7	10.7

DISPLACEMENT			
000	030	040	060
-	383	-	-
-	383	-	-
387	393	395	399
397	393	395	399
-	408	410	414
-	408	410	414
-	408	-	-
-	408	410	-
402	408	410	414

Two different deck heights exist for production Ford 351W engines. 1969-1970 blocks will have a 9.480" deck height. From 1971 and up, the deck height is 9.500". For this reason, we have included the assembly height in the listing. This will help you determine if the particular assembly will work in your block. All compression ratios listed are figured for a 9.500" deck height. Using a 9.480" block, if applicable, will increase compression approximately 0.4.

PRO STREET ASSEMBLIES

- Forged 4340 steel crankshaft
- Forged 5140 steel I-Beam rods
- 3/8" ARP 8740 rod bolts
- Forged Mahle or hypereutectic KB pistons.
- Premium racing bearings
- Designed for Internal Balance
- Standard bore size is 4.000"

To order any kit balanced by Eagle, add "B" to beginning of part number.

3.000" MAINS	2.750" MAINS	STROKE	ROD	PISTON	RINGS	58cc	64cc	72cc
14804	14806	4.000"	6.200"	hyper. KB -27.5cc inv. dome	FF	9.5	9.0	8.5
14805	14807	4.000"	6.200"	4032 Mahle -28cc inv. dome	FF	9.9	9.3	8.7

DISPLACEMENT		
030	040	060
408	410	414
408	-	-

FORD 351W

COMPETITION ASSEMBLIES

- Forged 4340 steel crankshaft
- Forged 4340 steel H-Beam rods
- 7/16" ARP 8740 rod bolts (2000, L19 available)
- Forged Mahle pistons and file-fit rings
- Premium racing bearings
- Designed for Internal Balance
- Standard bore size is 4.000"



To order any kit balanced by Eagle, add "B" to beginning of part number.

PART NO.									DISPLACEMENT					
3" MAIN	2.75" MAIN	STROKE	ROD	PISTON	58cc	64cc	72cc		000	030	040	060	125	155
14120	14620	3.500"	6.300"	4032 SRP -5cc flat top	10.7	10.0	9.2		-	357	-	-	-	-
N/A	14621	3.750"	6.250"	4032 SRP -32cc inv. dome	8.6	8.2	7.7		-	383	-	-	-	-
N/A	14622	3.750"	6.250"	4032 SRP -5cc inv. dome	11.2	10.5	9.7		-	383	-	-	-	-
14124	14624	4.000"	6.200"	4032 Mahle -28cc inv. dome	9.9	9.3	8.7		-	408	-	-	-	-
14123	14623	4.000"	6.250"	4032 Mahle -26cc inv. dome	10.0	9.4	8.8		-	408	410	-	428	-
NEW	14129	14629	4.000"	6.250"	4032 Mahle -20cc inv. dome	10.2	9.7	9.0		-	408	410	-	-
	14125	14625	4.000"	6.250"	4032 Mahle -6.6cc flat top	12.6	11.7	10.7	402	408	410	414	428	434
	14126	14632	4.100"	6.200"	4032 Mahle -26cc inv. dome	10.2	9.6	9.0	-	418	420	-	438	-
NEW	14136	14636	4.100"	6.200"	4032 Mahle -20cc inv. dome	10.5	9.9	9.2	-	418	420	-	-	-
	14127	14633	4.100"	6.200"	4032 Mahle -6.6cc flat top	12.9	12.0	11.0	412	418	420	425	438	445

* Kits with 4.125" or 4.155" bore will have .4 higher compression due to large bore size.

TWISTED WEDGE HEADS

PART NO.									DISPLACEMENT	
3" MAIN	2.75" MAIN	STROKE	ROD	PISTON	RINGS	61cc	64cc		030	040
14130	14630	4.000"	6.250"	4032 Mahle -6cc flat top	FF	12.0	11.5		408	410
14131	14631	4.100"	6.200"	4032 Mahle -6cc flat top	FF	12.2	11.8		418	420

Two of Eagle's Haas VF-3 CNC machines.





FORD BIG BLOCK



I-BEAM RODS

- Forged SAE 5140 steel with 7/16" ARP 8740 rod bolts
- Alignment sleeves for precise cap location.
- Sizing performed with CNC equipment.
- Weight-matched to +/- 2 gram.
- For use in pump gas street engines. No power adders.

LENGTH	PART NO.	WEIGHT	PIN SIZE	NOTES	BOLTS	BUSHINGS
6.700"	SIR6700B	865	.990"	bushed	12080	B990
6.800"	SIR6800B	875	.990"	bushed	12080	B990

H-BEAM RODS

- Forged SAE 4340 steel from 2 piece forging.
- 7/16" ARP 8740 rod bolts (2000, L19 available)
- Alignment sleeves for precise cap location.
- Sizing performed with Sunnen Krossgrinding system.
- Weight-matched to +/- 1 gram.
- Recommended for use up to 1500 hp (with L19 bolts)



LENGTH	PART NO.	WEIGHT	PIN SIZE	NOTES	BOLTS	BUSHINGS
6.605"	CRS6605F3D	835	1.040"		12080 (set of 16)	B1040
6.605"	CRS6605F990	830	.990"		12080 (set of 16)	B990
6.700"	CRS67003D	800	.990"	2.200" rod journal	12080 (set of 16)	B990
6.800"	CRS68003D	805	.990"	2.200" rod journal	12080 (set of 16)	B990



CAST STEEL CRANKSHAFTS

- An excellent alternative to O.E. crank.
- .092" radiuses (unless otherwise noted).
- Internal balance. Target bobweight guaranteed +/- 2%.
- Recommended for use in street engines, no power adders.
- Approximate weight is 70-76 pounds.

STROKE	PART NO.	BOBWEIGHT	MIN. ROD	NOTES
3.850"	104603850	2350	6.605"	
4.140"	104604140	2350	6.700"	2.200" rod journals
4.300"	104604300	2350	6.700"	2.200" rod journals

Pilot opening is 1.850". Step is 1.375"

FORGED STEEL CRANKSHAFTS



- Forged SAE 4340 steel in a non-twist forging with multi-stage heat treatment.
- Micropolished journals feature a 3 R.A. or better.
- .125" fillet radiuses improve strength and rigidity. Chamfered bearings required.
- Shot-peened, stress-relieved, and nitrided surface for superior durability.
- Target bobweight guaranteed +/- 2%. Will internal balance without heavy metal.
- Recommended for use up to 1500 hp.
- Approximate weight is 73-80 pounds.

STROKE	PART NO.	BOBWEIGHT	MIN. ROD	NOTES
4.140"	446041402200	2350	6.700"	2.200" rod journals
4.300"	446043002200	2350	6.700"	2.200" rod journals
4.500"	446045002200	2350	6.700"	2.200" rod journals

STREET & STRIP ASSEMBLIES

- Cast steel crankshaft. Designed for internal balance.
- Forged 5140 steel I-Beam rods with 7/16" ARP 8740 rod bolts
- Forged Mahle or SRP pistons and file-fit rings
- Performance street bearings.
- Standard bore size is 4.360"



KIT NO.	STROKE	ROD	PISTON	RINGS	70cc	80cc	90cc	DISPLACEMENT	
								030	080
15101	4.140"	6.700"	4032 Mahle -28cc inv. dome	FF	10.4	9.6	9.0	501	-
15102	4.140"	6.800"	4032 SRP -3cc flat top	FF	13.0	11.8	10.8	501	513
15107	4.300"	6.800"	4032 Mahle -38cc inv. dome	FF	10.1	9.3	8.7	521	533
15105	4.300"	6.800"	4032 Mahle -3cc flat top	FF	13.9	12.5	11.4	521	533

To order any kit balanced by Eagle, add "B" to beginning of part number.

COMPETITION ASSEMBLIES

- Forged 4340 steel crankshaft. Designed for internal balance.
- Forged 4340 steel H-Beam rods
- 7/16" ARP 8740 rod bolts (2000, L19 available)
- Forged Mahle pistons and file-fit rings
- Premium racing bearings. Standard bore size is 4.360"



KIT NO.	STROKE	ROD	PISTON	RINGS	70cc	80cc	90cc	DISPLACEMENT	
								030	080
15015	4.140"	6.700"	4032 Mahle -28cc inv. dome	FF	10.4	9.6	9.0	501	-
15014	4.140"	6.700"	4032 Mahle -3cc flat top	FF	13.2	11.9	10.9	501	513
15010	4.300"	6.800"	4032 Mahle -38cc inv. dome	FF	10.1	9.3	8.7	521	533
15011	4.300"	6.800"	4032 Mahle -3cc flat top	FF	13.9	12.5	11.4	521	533
15012	4.500"	6.700"	4032 Mahle -38cc inv. dome	FF	10.5	9.7	9.1	545	557
15013	4.500"	6.700"	4032 Mahle -3cc flat top	FF	14.5	13.0	11.9	545	557

To order any kit balanced by Eagle, add "B" to beginning of part number.



Not for use in pollution controlled vehicles.

H-BEAM RODS

- Forged SAE 4340 steel from 2 piece forging.
- Weight-matched to +/- 1 gram.
- 7/16" ARP 8740 rod bolts (2000 available)
- Alignment sleeves for precise cap location.
- Sizing performed with Sunnen Krossgrinding system



LENGTH	PART NO.	WEIGHT	PIN SIZE	NOTES	BOLTS	BUSHINGS
6.490"	CRS6490F3D	805	.975"		12080 (set of 16)	B990C
6.700"	CRS67003D	800	.990"	2.200" rod journal	12080 (set of 16)	B990

FORD FE

CAST STEEL CRANKSHAFTS



- An excellent alternative to O.E. crank. with .092" radiuses.
- Target bobweight guaranteed +/- 2%.
- Recommended for use in street engines, no power adders.
- Approximate weight is 70-76 pounds.

STROKE	PART NO.	BOBWEIGHT	MIN. ROD	NOTES
3.980"	104283980	2300	6.490"	stock 428 stroke, internal / external balance
4.125"	104284125	2300	6.700"	2.200" rod journals, internal balance
4.250"	104284250	2300	6.700"	2.200" rod journals, internal balance

STREET & STRIP ASSEMBLIES

- Cast steel crankshaft. Designed for internal balance.
- Forged 5140 steel "SIR" I-Beam rods with 7/16" ARP 8740 rod bolts unless otherwise noted.
- Forged Mahle or SRP pistons and file-fit rings
- Performance street bearings.
- Please specify actual bore size when ordering.



To order any kit balanced by Eagle, add "B" to beginning of part number.

KIT NO.	STROKE	ROD	PISTON	RINGS	76cc	88cc	DISPLACEMENT				
							4.080	4.160	4.250	4.280	4.310
15706	3.980"	6.490" H-Beam	4032 Mahle -20cc inv. dome	FF	8.8	8.0	416	-	-	-	-
15708	3.980"	6.490" H-Beam	4032 Mahle -7cc flat top	FF	9.8	8.8	416	-	-	-	-
15810	4.125"	6.700"	4032 Mahle -26cc inv. dome	FF	8.7	8.0	431	-	-	-	-
15812	4.125"	6.700"	4032 Mahle -7cc flat top	FF	10.3	9.2	431	-	-	-	-
15714	4.250"	6.635" H-Beam	4032 Mahle -26cc inv. dome	FF	8.9	8.2	445	-	-	-	-
15716	4.250"	6.635" H-Beam	4032 Mahle -7cc flat top	FF	10.5	9.5	445	-	-	-	-
15800	4.250"	6.700"	4032 Mahle -33cc inv. dome	FF	8.7	8.1	-	462	-	-	-
15802	4.250"	6.700"	4032 Mahle -20cc inv. dome	FF	10.0	9.1	-	-	482	489	496
15804	4.250"	6.700"	4032 Mahle -7cc flat top	FF	10.8	9.7	-	462	-	-	-

NEW! NEW!

H-BEAM RODS

- Forged SAE 4340 steel from 2 piece forging.
- Weight-matched to +/- 1 gram.
- ARP rod bolts with alignment sleeves for precise cap location.
- Sizing performed with Sunnen Krossgrinding system.
- Recommended for use up to 700 hp (with 2000 bolts)



LENGTH	PART NO.	WEIGHT	PIN SIZE	NOTES	BOLTS	BUSHINGS
7.000"	CRS7000F3D	565	.750"	stock journal, 5/16" bolts	201400 (ea.)	B748
7.000"	CRS7000C3D8740	510	.750"	2.000" journal, 3/8" 8740 bolts	12055 (set of 16)	B748
7.000"	CRS7000C3D	610	.750"	2.000" journal, 3/8" 2000 bolts	20070 (set of 16)	B748

CAST STEEL CRANKSHAFTS

- An excellent alternative to O.E. crank. with .092" radiuses.
- Target bobweight guaranteed +/- 2%.
- Recommended for use in street engines, no power adders.
- Approximate weight is 70-76 pounds.



STROKE	PART NO.	BOBWEIGHT	MIN. ROD	NOTES
4.000"	102394000	1650	7.000"	2.000" rod journals
4.000"	1023940002139	1650	7.000"	2.139" rod journals
4.125"	102394125	1650	7.000"	2.000" rod journals
4.250"	102394250	1650	7.000"	2.000" rod journals

STREET & STRIP ASSEMBLIES

- Cast steel crankshaft. Designed for internal balance.
- Forged 4340 steel H-Beam rods with 3/8" ARP 2000 rod bolts
- Forged Ross pistons. Metric file-fit or Grant standard gap rings
- Performance street bearings.
- Please specify actual bore size when ordering.



To order any kit balanced by Eagle, add "B" to beginning of part number.

KIT NO.	STROKE	ROD	PISTON	RINGS
14300	4.000"	7.000"	2618 Ross +14cc dome	Grant std. gap
14320	4.000"	7.000"	2618 Ross +14cc dome	metric file fit
14302	4.125"	7.000"	2618 Ross +14cc dome	Grant std. gap
14322	4.125"	7.000"	2618 Ross +14cc dome	metric file fit
14304	4.250"	7.000"	2618 Ross +14cc dome	Grant std. gap
14324	4.250"	7.000"	2618 Ross +14cc dome	metric file fit

DISPLACEMENT		
3.312	3.342	3.375
276	281	286
276	-	286
284	289	295
284	-	-
293	-	-
293	-	-



Not for use in pollution controlled vehicles.

H-BEAM RODS

- Forged SAE 4340 steel from 2 piece forging.
- 3/8" ARP 2000 rod bolts.
- Alignment sleeves for precise cap location.
- Sizing performed with Sunnen Krossgrinding system.
- Weight-matched to +/- 1 gram.
- Recommended for use up to 900 hp



HONDA / ACURA

ENGINE	PART NO.	LENGTH	WEIGHT	PIN SIZE	NOTES	BOLTS	BUSHINGS	
D16 & ZC	CRS5394H3D	5.394"	137.0mm	535	19mm	all D16 & ZC	20060 (set/8)	B748
B16	CRS5290H3D	5.290"	134.4mm	550	21mm	will not fit B16B	20060 (set/8)	B778
B18A/B, B20B/Z	CRS5394A3D	5.394"	137.0mm	535	21mm		20060 (set/8)	B778
special	CRS5531A3D	5.531"	140.5mm	520	21mm	"long" LS rod	20060 (set/8)	B778
special	CRS5862A3D	5.862"	148.9mm	520	18mm	1.771" journal, 5/16" bolts	20050 (set/8)	B778
Dart B20+	CRS5967A3D	5.967"	151.6mm	555	21mm	1.771" journal, 5/16" bolts	20050 (set/8)	B778
B18C1/5	CRS5430A3D	5.430"	137.9mm	535	21mm		20060 (set/8)	B778
NEW! F22/H23	CRS5571H3D	5.571"	141.5mm	540	22mm		20060 (set/8)	B808
H22	CRS5630H3D	5.630"	143.0mm	550	22mm		20060 (set/8)	B808
H22 TypeS	CRS5630J3D	5.630"	143.0mm	550	21.9mm	use with TypeS pistons	20060 (set/8)	B808
NEW! F20C	CRS6023A3D	6.023"	153.0mm	call	23mm		20060 (set/8)	call
NEW! F22C	CRS5893A3D	5.893"	149.7mm	call	23mm		20060 (set/8)	call
K20a2	CRS5470K3D	5.470"	138.9mm	495	22mm	will not fit K20a3	20060 (set/8)	B808
K24	CRS5984K3D	5.984"	152.0mm	550	21.9mm		20060 (set/8)	B808

EXTREME DUTY

NEW!

ENGINE	PART NO.
B18A/B, B20B/Z	CRS5394AXD
B18C1/5	CRS5430AXD
H22	CRS5630HXD
F20C	CRS6023AXD
K24	CRS5984KXD



FORGED STEEL CRANKSHAFTS

- Forged SAE 4340 steel in a non-twist forging with multi-stage heat treatment.
- Micropolished journals feature a 3 R.A. or better.
- .125" fillet radiuses improve strength and rigidity. Chamfered bearings required.
- Shot-peened, stress-relieved, and nitrided surface for superior durability.
- Recommended for use up to 1000 hp.
- Approximate weight is 35 pounds.



ENGINE	STROKE	PART NO.	LIGHTWEIGHT	ROD WIDTH	DIAMETER	NOTES	
B16	3.031"	77.0mm	1630311772	N/A	.945"	1.771"	stock B16 stroke
B16	3.334"	84.7mm	1633341772	1633341772LW	.945"	1.771"	use with 1.030" pin height pistons
B18C	3.433"	87.2mm	1834331772	N/A	.866"	1.771"	stock B18C stroke
B18B/B20B	3.504"	89.0mm	1835041772	N/A	.945"	1.771"	stock B18A/B, B20B/Z stroke
B-series	3.543"	90.0mm	1835431772	N/A	.945"	1.771"	
B-series	3.740"	95.0mm	1837401772	1837401772LW	.945"	1.771"	use with 1.063" pin height pistons
NEW! F22/H23	3.740"	95.0mm	2237401890	N/A	.950"	1.889"	stock F22/H23 stroke

COMPETITION ASSEMBLIES

- Forged 4340 steel crankshaft
- Forged 4340 steel H-Beam rods with 3/8" ARP 2000 rod bolts.
- Forged pistons and file-fit rings and premium racing bearings



HONDA / ACURA

B16 block, 8.007" deck height

NEW!

B SERIES

STROKE	KIT NO.	ROD	PISTON	41.6cc	42.7cc	45cc	81.0	81.5	84.0	84.5	85.0	86.0
77mm	81002	5.290	4032 Mahle -1cc flat top	9.1	8.9	8.6		1607				
77mm	81003	5.290	4032 Mahle +9cc dome	11.2	10.9	10.4	1587	1607				
77mm	81101	5.290	2618 Arias -12/-13/-9cc inv. dome	8.3	8.2	7.9			1707	1727	1748	
77mm	81102	5.290	2618 Arias -3cc flat top	9.9	9.8	9.5			1707	1727	1748	1789
77mm	81103	5.290	2618 Arias +2cc dome	10.7	10.6	10.2			1707	1727	1748	1789
77mm	81104	5.290	2618 Arias +7.4cc dome	12.0	11.8	11.3			1707	1727	1748	1789

B18/B20 block, 8.340" deck height

NEW!

STROKE	KIT NO.	ROD	PISTON	41.6cc	42.7cc	45cc	81.0	81.5	84.0	84.5	85.0	86.0
87.2mm	83001	5.430	4032 Mahle -8cc inv. dome	9.2	9.0	8.7	1797	1820				
87.2mm	83002	5.430	4032 Mahle -1cc flat top	10.4	10.2	9.8		1820				
87.2mm	83005	5.430	4032 Mahle +9cc dome	12.8	12.5	11.9	1797	1820				
87.2mm	83101	5.430	2618 Arias -12/-13/-9cc inv. dome	9.2	9.1	8.8			1933	1956	1979	
87.2mm	83102	5.430	2618 Arias -3cc flat top	10.7	10.6	10.2			1933	1956	1979	2026
87.2mm	83103	5.430	2618 Arias +2cc dome	11.9	11.8	11.3			1933	1956	1979	2026
89mm	82101	5.394	4032 Mahle -8cc inv. dome	9.4	9.2	8.9	1834	1857				
89mm	82102	5.394	4032 Mahle -1cc flat top	10.6	10.4	9.9		1857				
89mm	82105	5.394	4032 Mahle +9cc dome	13.1	12.7	12.1	1834	1857				
89mm	84101	5.394	2618 Arias -12/-13/-9 inv. dome	9.5	9.3	8.9			1973	1996	2020	
89mm	84102	5.394	2618 Arias -3cc flat top	11.1	10.9	10.5			1973	1996	2020	2068
89mm	84103	5.394	2618 Arias +2cc dome	12.4	12.1	11.6			1973	1996	2020	2068
89mm	84104	5.394	2618 Arias +7.4cc dome	13.8	13.4	12.8			1973	1996	2020	2068

H-Series block, 8.636" deck height, factory sleeves

H SERIES **NEW!**

STROKE	KIT NO.	ROD	PISTON	50.0cc	53.8cc	87.0	87.25
95mm	88101	5.571	4032 Mahle -7cc inv. dome	10.1	9.6	2259	2272
95mm	88102	5.571	4032 Mahle -1cc flat top	11.0	10.4	2259	
95mm	88103	5.571	4032 Mahle +10cc dome	13.5	12.5	2259	2272

H-Series block, 8.636" deck height, aftermarket iron sleeves

NEW!

STROKE	KIT NO.	ROD	PISTON	50.0cc	53.8cc	88	89
95mm	88201	5.571	2618 Mahle -7cc inv. dome	10.3	9.7	2311	2364
95mm	88203	5.571	2618 Mahle +10cc dome	13.7	12.8	2311	2364

F22A, 8.636" deck height

F22A **NEW!**

STROKE	KIT NO.	ROD	PISTON	50.5cc	86.0
95mm	88301	5.571	2618 Arias -12.9cc inv. dome	9.0	2207
95mm	88302	5.571	2618 Arias -2.9cc flat top	10.5	2207
95mm	88303	5.571	2618 Arias +5cc dome	12.0	2207

H-BEAM RODS

- Forged SAE 4340 steel from 2 piece forging.
- 3/8" ARP 2000 rod bolts.
- Alignment sleeves for precise cap location.
- Sizing performed with Sunnen Krossgrinding system.
- Weight-matched to +/- 1 gram.
- Recommended for use up to 900 hp.



MITSUBISHI

ENGINE	PART NO.	LENGTH	WEIGHT	PIN SIZE	NOTES	BOLTS	BUSHINGS
420A	CRS5472N3D	5.472"	139.0mm	535	21mm	20060 (set of 8)	B776
early 4G63	CRS5900MA3D	5.900"	150.0mm	575	21mm	"6 bolt" 89-92	20060 (set of 8) B776
late 4G63	CRS5900MB3D	5.900"	150.0mm	580	22mm	"7 bolt" 93 & newer	20060 (set of 8) B810
early 4G63	CRS5900MC3D	5.900"	150.0mm	575	22mm	"6 bolt" for use with newer pistons with 22mm pins	20060 (set of 8) B810
4B11T	CRS5659M3D	5.659"	148.7mm	565	23mm	Evo X	20060 (set of 8) B927



ENGINE	PART NO.
late 4G63	CRS5900MBXD
early 4G63 22mm pin	CRS5900MCXD
4B11T	CRS5659MXD

FORGED STEEL CRANKSHAFTS



- Forged SAE 4340 steel in a non-twist forging with multi-stage heat treatment.
- Micropolished journals feature a 3 R.A. or better.
- .125" fillet radiuses improve strength and rigidity. Chamfered bearings required.
- Shot-peened, stress-relieved, and nitrided surface for superior durability.
- Recommended for use up to 1000 hp. Approximate weight is 40 pounds.

STROKE	6-BOLT PART NO.	7-BOLT PART NO.	NOTES
3.465" 88mm	2034655900A6	203465900B7	stock stroke
3.700" 94mm	2037005900A6	2037005900B7	
3.937" 100mm	2439375900A6	2039375900B7	4G64 stock stroke

COMPETITION ASSEMBLIES

- Forged 4340 steel crankshaft
- Forged 4340 steel H-Beam rods
- 3/8" ARP 2000 rod bolts.
- Forged Arias pistons and file-fit rings
- Premium racing bearings
- Standard bore size is 85mm (3.346").



KIT NO.				DISPLACEMENT				
6 BOLT	93-97 7 BOLT	98-up 7 BOLT	STROKE	ROD	PISTON	C/R	020	040
86100	86120	86140	88mm	5.900"	2618 Arias -11cc inv. dome	8.5	2021cc	2045cc
86110	86130	86150	100mm	5.900"	2618 Arias -20cc inv. dome	8.5	2297cc	2324cc

Crank walk is a hot topic among Mitsubishi enthusiasts. The problem is due to inadequate load area on early 7-bolt (93-97) 4G63 engines. These engines had a "half circle" thrust surface that did not provide adequate load capacity to handle severe thrust loads. Mitsubishi's solution to the problem was to change to a "full circle" thrust washer design which effectively doubled the thrust capacity of the engine. This change was implemented for 1998 and later 4G63 engines.

MAZDA



H-BEAM RODS

- Forged SAE 4340 steel from 2 piece forging.
- 3/8" ARP 2000 rod bolts.
- Alignment sleeves for precise cap location.
- Sizing performed with Sunnen Krossgrinding system.
- Weight-matched to +/- 1 gram.
- Recommended for use up to 900 hp.

ENGINE	PART NO.	LENGTH	WEIGHT	PIN SIZE	NOTES	BOLTS	BUSHINGS
B6 / BP	CRS5233M3D	5.233"	132.9mm	535	20mm	all 1.6 & 1.8 Miata	20060 (set of 8) B788
MZR 2.3L	CRS5927M13D	5.927"	150.5mm	580	22mm	DI 2.3 turbo	20060 (set of 8) call
MZR 2.3L	CRS5927M23D	5.927"	150.5mm	580	22.5mm	DI 2.3 turbo	20060 (set of 8) call
2.3L	CRS6094F3D	6.094"	154.8mm	565	21mm	2.3L Duratec non-turbo	20060 (set of 8) B810

NISSAN



H-BEAM RODS

- Forged SAE 4340 steel from 2 piece forging.
- 3/8" ARP 2000 rod bolts.
- Alignment sleeves for precise cap location.
- Sizing performed with Sunnen Krossgrinding system.
- Weight-matched to +/- 1 gram.
- Recommended for use up to 900 hp (4 cyl), 1500 (6 cyl).

ENGINE	PART NO.	LENGTH	WEIGHT	PIN SIZE	NOTES	BOLTS	BUSHINGS
RB26DETT	CRS4783N3D	4.783"	121.5mm	495	21mm	201500 (ea.)	B776
CA18	CRS5236N3D	5.236"	133.0mm	call	21mm	20060 (set of 8)	call
SR20	CRS5365N3D	5.365"	136.3mm	535	22mm	20060 (set of 8)	B808
VQ35	CRS5680N3D	5.680"	144.3mm	555	22mm	201500 (ea.)	B808
VQ37	CRS5886N3D	5.886"	149.5mm	565		201500 (ea.)	B808
VG30	CRS6071N3D	6.071"	154.2mm	580	22mm	201500 (ea.)	B808
KA24	CRS6496N3D	6.496"	165.0mm	630	21mm	20060 (set of 8)	B776



EXTREME DUTY



ENGINE	PART NO.
RB26DETT	CRS4783NXD
SR20	CRS5365NXD
VQ37	CRS5886NXD
VG30	CRS6071NXD
KA24	CRS6496NXD



H-BEAM RODS

- Forged SAE 4340 steel from 2 piece forging.
- 7/16" ARP 8740 rod bolts (2000, L19 available)
- Alignment sleeves for precise cap location.
- Sizing performed with Sunnen Krossgrinding system.
- Weight-matched to +/- 1 gram.
- Recommended for use up to 1500 hp (with L19 bolts)



LENGTH	PART NO.	WEIGHT	PIN SIZE	NOTES	BOLTS	BUSHINGS
6.735"	CRS673503D	820	.980"		12080 (set of 16)	B990C
7.100"	CRS71003D	825	.990"	2.200" rod journal for use with stroker crank	12080 (set of 16)	B990C

OLDSMOBILE

CAST STEEL CRANKSHAFTS

- An excellent alternative to O.E. crank. with .092" radiuses.
- External balance. Target bobweight guaranteed +/- 2%.
- Recommended for use in street engines, no power adders.
- Approximate weight is 70-76 pounds.



STROKE	PART NO.	BOBWEIGHT	MIN. ROD	NOTES
4.250"	104554260	2425	6.735"	O.E. style balance
4.500"	104554500	2350	7.100"	2.200" rod journals, use CRS71003D rods

STREET & STRIP ASSEMBLIES

- Cast steel crankshaft. Designed for external balance.
- Forged 4340 steel H-Beam rods with 7/16" ARP 8740 rod bolts
- Forged Mahle or SRP pistons and file-fit rings
- Performance street bearings.
- Please specify actual bore size when ordering.



To order any kit balanced by Eagle, add "B" to beginning of part number.

KIT NO.	STROKE	ROD	PISTON	RINGS	77cc	84cc	DISPLACEMENT	
							030	060
42100	4.250"	6.735"	4032 SRP -5cc flat top	FF	11.0	10.3	461	468
42105	4.500"	7.100"	4032 Mahle -22cc inv. dome	FF	10.0	9.5	488	495



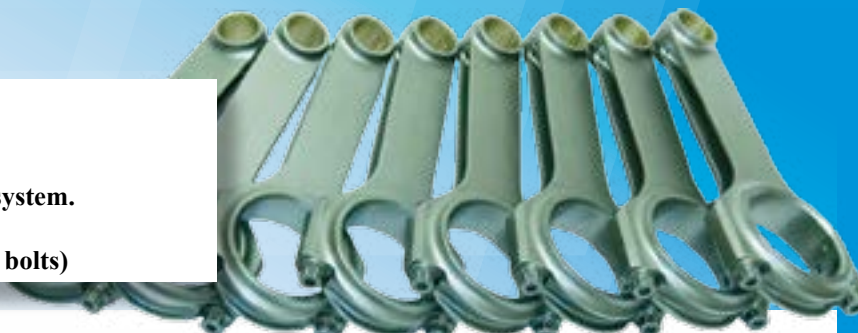
I-BEAM RODS

- Forged SAE 5140 steel with 7/16" ARP 8740 rod bolts
- Alignment sleeves for precise cap location.
- Sizing performed with CNC equipment.
- Weight-matched to +/- 2 gram.
- For use in pump gas street engines. No power adders.

LENGTH	PART NO.	WEIGHT	PIN SIZE	NOTES	BOLTS	BUSHINGS
6.800"	SIR6800B	875	.990"	bushed, 2.200" journal	12080	B990

H-BEAM RODS

- Forged SAE 4340 steel from 2 piece forging.
- 7/16" ARP 8740 rod bolts (2000, L19 available)
- Alignment sleeves for precise cap location.
- Sizing performed with Sunnen Krossgrinding system.
- Weight-matched to +/- 1 gram.
- Recommended for use up to 1500 hp (with L19 bolts)



PART NO.	LENGTH	WEIGHT	PIN SIZE	NOTES	BOLTS	BUSHINGS
CRS6625P3D	6.625"	760	.980"	bushed	12080 (set of 16)	B990
CRS6625PP3D	6.625"	760	.980"	press-fit	12080 (set of 16)	N/A
CRS68003D	6.800"	805	.990"	use with stroker crank, 2.200" rod journal	12080 (set of 16)	B990



CAST STEEL CRANKSHAFTS

- An excellent alternative to O.E. crank. with .092" radiuses.
- Target bobweight guaranteed +/- 2%.
- Recommended for use in street engines, no power adders.
- Approximate weight is 70-76 pounds.

STROKE	400 MAINS	455 MAINS	BOBWEIGHT	MIN. ROD	NOTES
4.210"	n/a	104554210	2280	6.625"	
4.250"	104004250	104554250	2280	6.800"	2.200" rod journals



FORGED STEEL CRANKSHAFTS

- Forged SAE 4340 steel in a non-twist forging with multi-stage heat treatment.
- Micropolished journals feature a 3 R.A. or better.
- .125" fillet radiuses improve strength and rigidity. Chamfered bearings required.
- Shot-peened, stress-relieved, and nitrided surface for superior durability.
- Target bobweight guaranteed +/- 2%. Will internal balance without heavy metal.
- Recommended for use up to 1500 hp. Approximate weight is 73-80 pounds.

STROKE	400 MAINS	455 MAINS	BOBWEIGHT	MIN. ROD	NOTES
4.210"	440042106625	445542106625	call	6.625"	
4.250"	440042506700	445542506700	call	6.700"	2.200" rod journals
4.350"	440043506800	n/a	call	6.800"	2.200" rod journals
4.500"	440045006800	445545006800	call	6.800"	2.200" rod journals





PONTIAC

STREET & STRIP ASSEMBLIES

- Cast steel crankshaft. Designed for internal balance.
- Forged 5140 steel "SIR" I-Beam rods, 7/16" ARP 8740 rod bolts
- Forged Mahle or SRP pistons and file-fit rings
- Performance street bearings.



To order any kit balanced by Eagle, add "B" to beginning of part number.

400 block, standard bore 4.120"

DISPLACEMENT

KIT NO.	STROKE	ROD	PISTON	RINGS	75cc	85cc	111cc
52401	4.250"	6.800"	4032 Mahle -22cc inv. dome	FF	9.6	8.9	7.5
52410	4.250"	6.800"	4032 Mahle -6cc flat top	FF	11.0	10.1	8.3

035	065
461	468
461	468



455 block, standard bore 4.155"

DISPLACEMENT

KIT NO.	STROKE	ROD	PISTON	RINGS	75cc	85cc	111cc
51402	4.210"	6.625" H-Beam	4032 Mahle -5cc flat top	FF	11.2	10.2	8.3
52405	4.250"	6.800"	4032 Mahle -22cc inv. dome	FF	9.7	9.0	7.5
52413	4.250"	6.800"	4032 Mahle -6cc flat top	FF	11.1	10.2	8.3

030
463
468
468



COMPETITION ASSEMBLIES

- Forged 4340 steel crankshaft
- Forged 4340 steel H-Beam rods
- 7/16" ARP 8740 rod bolts (2000, L19 available)
- Forged Mahle pistons and file-fit rings
- Premium racing bearings
- Designed for Internal Balance



To order any kit balanced by Eagle, add "B" to beginning of part number.

400 block, standard bore 4.120"

DISPLACEMENT

KIT NO.	STROKE	ROD	PISTON	RINGS	75cc	85cc	111cc
51510	4.250"	6.800"	4032 Mahle -22cc inv. dome	FF	9.6	8.9	7.5
51500	4.250"	6.800"	4032 Mahle -6cc flat top	FF	11.0	10.1	8.3
51501	4.500"	6.800"	4032 Mahle -6cc flat top	FF	11.6	10.6	8.7

035	065
461	468
461	468
488	495



455 block, standard bore 4.155"

DISPLACEMENT

KIT NO.	STROKE	ROD	PISTON	RINGS	75cc	85cc	111cc
51502	4.210"	6.625"	4032 SRP -5cc flat top	FF	11.2	10.2	8.3
52505	4.250"	6.800"	4032 Mahle -22cc inv. dome	FF	9.7	9.0	7.5
51503	4.250"	6.800"	4032 Mahle -6cc flat top	FF	11.1	10.2	8.3
51504	4.500"	6.800"	4032 Mahle -6cc flat top	FF	11.6	10.6	8.7

030
463
468
468
495



SUBARU



H-BEAM RODS

- Forged SAE 4340 steel from 2 piece forging.
- 3/8" ARP 2000 rod bolts.
- Alignment sleeves for precise cap location.
- Sizing performed with Sunnen Krossgrinding system.
- Weight-matched to +/- 1 gram.
- Recommended for use up to 900 hp.

ENGINE	PART NO.	LENGTH	WEIGHT	PIN SIZE	BOLTS	BUSHINGS
NEW! FA20	CRS5094S3D	5.094"	129.4mm	call	22mm	20060 (set of 8) B866
EJ20, EJ257	CRS5137S3D	5.137"	130.5mm	530	23mm	20060 (set of 8) B912



ENGINE	PART NO.
F20B	CRS5094SXD
EJ20, EJ257	CRS5137SXD

TOYOTA

H-BEAM RODS

- Forged SAE 4340 steel from 2 piece forging.
- 3/8" ARP 2000 rod bolts.
- Alignment sleeves for precise cap location.
- Sizing performed with Sunnen Krossgrinding system.
- Weight-matched to +/- 1 gram.
- Recommended for use up to 900 hp (4cyl), 1500hp (6 cyl).



ENGINE	PART NO.	LENGTH	WEIGHT	PIN SIZE	NOTES	BOLTS	BUSHINGS
3TC, 2TG	CRS4850TA3D	4.850"	123.2mm	545	22mm	20060 (set of 8)	B810
NEW! F20B	CRS5094S3D	5.094"	129.4mm	call	22mm	20060 (set of 8)	B866
NEW! 2RZ	CRS5315T3D	5.315"	135.0mm	call	call	20060 (set of 8)	call
3SGTE	CRS5428T3D	5.428"	137.9mm	555	22mm	20060 (set of 8)	B808
2JZGTE	CRS5590T3D	5.590"	142.0mm	590	22mm	201500 (ea.)	B810
1UZFE	CRS5751T3D	5.751"	146.0mm	615	22mm	7/16" ARP 8740 bolts	12000(set of 16) call
22R	CRS5819T3D	5.819"	147.8mm	680	22mm	7/16" ARP 8740 bolts	871600 (ea.) B810
7MGTE	CRS5984T3D	5.984"	152.0mm	615	22mm	201500 (ea.)	B808



ENGINE	PART NO.
F20B	CRS5094SXD
2RZ	CRS5315TXD
3SGTE	CRS5428TXD
2JZGTE	CRS5590TXD
7MGTE	CRS5984TXD



VOLKSWAGEN/AUDI

VW/AUDI, SERVICE PARTS

H-BEAM RODS



- Forged SAE 4340 steel from 2 piece forging.
- 3/8" ARP 2000 rod bolts.
- Alignment sleeves for precise cap location.
- Sizing performed with Sunnen Krossgrinding system.
- Weight-matched to +/- 1 gram.
- Recommended for use up to 900 hp.

ENGINE	PART NO.	LENGTH	WEIGHT	PIN SIZE	NOTES	BOLTS	BUSHINGS
1.8T, 2.0T	CRS5669A3D	5.669"	144mm	575	20mm	20mm wrist pin	20060 (set of 8) B788
new! 2E, ABF	CRS6260V3D	6.260"	159mm	call	21mm		20060 (set of 8) call
VR6	CRS6457V13D	6.457"	164mm	555	20mm	5/16" bolts	201400 (ea.) call
VR6	CRS6457V23D	6.457"	164mm	590	20mm	3/8" bolts, minimum 84.5mm bore.	201500 (ea.) call

SERVICE PARTS

SILICON BRONZE PIN BUSHINGS



- Made from silicon bronze.
- high oil retention and durability.
- Inside diameter is unfinished and not exact.
Must be bored / honed to finished pin size.

PART NO.	ID	OD	LENGTH
B748	.695"	.810"	.700"
B775	.775"	.890"	.708"
B788	.730"	.849"	.788"
B808	.808"	.925"	.930"
B810	.808"	.925"	1.030"
B927	.908"	.972"	1.050"
B928	.925"	.972"	1.050"
B930	.890"	.995"	1.005"
B984	.930"	1.042"	1.050"
B991	.988"	1.042"	1.140"
B990C	.930"	1.042"	1.230"
B1040	.984"	1.102"	1.235"
B1094	1.075"	1.154"	1.240"

REPLACEMENT ROD BOLTS

- Manufactured by ARP specifically for use in Eagle rods.
- Not “off-the-shelf” ARP rod bolts.

PART NO.	THREAD DIA.	TYPE	UHL	QTY
12000	7/16"	8740	1.600"	16
12080	7/16"	8740	1.750"	16
12070	7/16"	8740	1.800"	16
20000	7/16"	2000	1.600"	16
20030	7/16"	2000	1.800"	16
14000	7/16"	L19	1.600"	16
14020	7/16"	L19	1.750"	16
12055	3/8"	8740	1.500"	16
20060	3/8"	2000	1.500"	8
20070	3/8"	2000	1.500"	16
20050	5/16"	2000	1.500"	8



TOOLS & ACCESSORIES

ROD CAP ALIGNMENT SLEEVES

- Precise sizing to align rod cap perfectly.



PART NO.	BOLT SIZE	OD
10000	7/16"	.500"
10003	5/16"	.375"
10004	3/8"	.438"
10005	3/8"	.441"

CHEVY 400 SPACER BEARINGS

- Allows use of 350 main size crank in 400 block.
- No machine work required!
- Just snap them in and install a set of 350 bearings on top of them.



PART NO.	NOTES
EAG 5620	use with Chevy 350 bearings in 400 block

CHEVY SMALL BLOCK LATE MODEL INTERNAL BALANCE FLEXPATE

- For 1 piece rear seal Chevy small block.
- For street use only. Not SFI approved.



PART NO.	NOTES
FRA159ESP	168 tooth internal balance 1pc rear seal
FRA160ESP	153 tooth internal balance 1pc rear seal



The Difference You Can't See

All Eagle H-Beam rods are manufactured from a TWO-PIECE FORGING. The forging process forces the grain into the shape of a connecting rod, resulting in a superior fatigue life. The rod cap is forged separately so that the grain runs perpendicular to the load forces, which strengthens the rod. Many aftermarket rods are manufactured from 4340 steel. 4340 specs allow a range of different materials to achieve the desired results. Although it is a more expensive process, all "ESP" 3-D Rods also include higher content of nickel and chromium, which increases the strength and fatigue life without making the rod brittle. Extensive testing has proven our two-piece forging to be superior to any one-piece forging on the market!

Why use an internal balance crank?

Generally Eagle cast crankshaft are to OE specifications. If the original crankshaft was externally balanced; Eagle's replacement crank will also be externally balanced. With an external balanced crank, part of the effective counterbalancing is actually on the harmonic balancer and flex-plate/flywheel hanging off of the ends of the crankshaft. Externally balanced engines perform very well on towing, street, & lower rpm engines. All Eagle 4340 forged steels crankshaft are internally balanced even when the factory engine from the factory was externally balanced. Internally balancing is the only way to go on high performance engines. On internal balanced crankshafts, the counterbalance is achieved entirely with the counterweight of the crankshaft. The closer the weight is to the components that it is counterbalancing (pistons, rods, rings, and bearings), the less crankshaft flex that will occur. This will extending bearing life and longevity of the crank. Crank snout stress is also reduced because there is no offset weight spinning at engine rpm on the snout of the crank. It is critical that when using an Eagle internally balanced crank; that an internally balanced harmonic balancer & flex plate / flywheel also be used.



Why have center counterweights?

Eagle offers select longer stroke crankshafts with a center counter weight added. The closer the counterweight is to the parts that it is counterbalancing (pistons, rods, rings, and bearings) the more stable the crankshaft becomes. With a center counterweight added to the crankshaft, the counterbalance is effectively corrected at that point of the crankshaft, instead of relying on counterweights at each end of the crank. With longer stroke and high rpm applications, this helps eliminate crank flex, thus extending bearing life, and ultimately, the life of the crank.





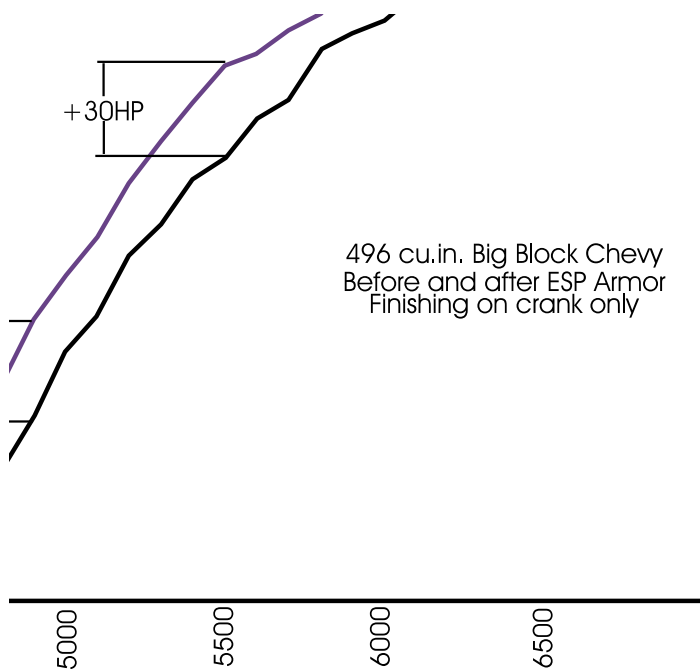
ESP ARMOR

ESP Armor

ESP Armor is a revolutionary new surface finishing process that is available only through Eagle. Similar processes exist, but ESP armor is unique because it is NOT A COATING, nor is it a chemical etching process. ESP Armor is a unique surface finishing process that results in an incredibly slick surface. This has many benefits. First and foremost is reduce bearing friction. By giving the oil a slicker surface to slide along, the bearing friction is reduced. This will also be evident in slower oil heating, reduced windage losses, and improved corrosion resistance. You will also notice that your bearings will live longer as a result of ESP Armor. The finish is unmistakable. Although it resembles chrome, it is not a coating that might flake off or wear out. Eagle is so confident in the effects ESP Armor has on our rods and cranks that we include a ONE YEAR LIMITED WARRANTY against breakage when ESP Armor is used on any 4340 steel crankshaft or H-beam rod. Many customers have tried it and all have been not only pleased, but surprised by the results. You've got to see it, and use it, to believe it!

ESP Armor Dyno Test

Our test engine was a 700 hp big block Chevy (496 CID) drag race engine. The test was performed in a controlled environment by an independent dyno tuning facility. Absolutely nothing was changed in the second session except the crankshaft had been finished with ESP Armor. The engine gained 30 hp in two separate rpm points, and gained 19 hp at peak. These results are consistent with our first test done with a typical street 383 CID Chevy small block.



PART NO.

NOTES

AR 100	crankshaft
AR 504	8 cylinder rod set
AR 502	6 cylinder rod set
AR 500	4 cylinder rod set

PENDULUM UNDERCUTTING

Most any crankshaft can have the counterweights pendulum undercut. This process reduces weight by removing material in low-stress locations so the effect on strength is minimal. These areas are difficult to reach and require specialized CNC equipment and tooling. Typical weight reductions are from 2-4 pounds depending on the original design of the crankshaft.



CRANKSHAFT OPTIONS

PART NO.	NOTES
P100	Pendulum undercut counterweights

SECOND KEYWAY FOR BLOWER

Due to the added shearing forces a blower pulley puts on the crankshaft key, a second keyway machined 180 degrees from the original keyway is a popular option. Available on most crankshafts, this is a great way to help reduce key breakages on blower applications.



PART NO.	NOTES
A100	for second 3/16" keyway
A110	for second 1/4" keyway

MACHINE FLYWHEEL FLANGE ROUND

A typical rear flywheel flange cannot be used in a sprint car application due to the unique drive system. Eagle can machine the rear flywheel flange round for use in sprint cars. This, of course, should be done before balancing.

PART NO.	NOTES
M100	round flywheel flange





TERMS AND CONDITIONS

HOURS: 8:00 am to 5:00 p.m. C. S. T. Monday - Friday
ORDERING: Telephone.....662-796-7373
Fax.....662-796-7374
E-mail.....service@eaglerod.com

PAYMENT:

Cashier's check, company check (upon approval), COD, Mastercard, Visa, and bank wire transfer accepted. Orders paid by credit card must be shipped to the billing address of the card holder. Personal checks require shipment to be held for two weeks for check to clear the bank. We will accept company checks with proper credit approval from our credit department. All orders outside of the U.S. must be paid in advance, no COD.

SHIPPING:

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WARRANTY:

Standard weight 4340 steel cranks and H-beam rods with optional ESP Armor finishing process come with a twelve (12) month limited manufacturers warranty. Contact our sales department for further details.

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