

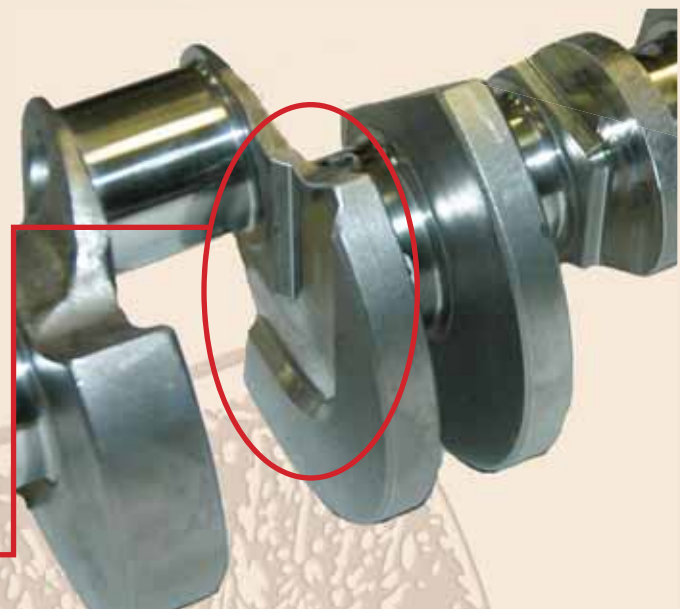
# Accept no imitations! Demand genuine Eagle!

Eagle Specialty Products' rods and cranks are designed to our specifications. Some simply purchase generic products and package in their own boxes without having any control or input in production. Eagle strives to offer consistent high quality products at an affordable price. All of the steel purchased is metallurgically tested and certified before being forged. Finished products from each run are sent to an independent lab for additional testing. All of this is done to guarantee the consistent high quality our customer deserves. Eagle may not have the lowest prices, but it is because we will never sacrifice quality to sell on price alone.



Robert Dorris'  
2007 Mustang GT  
with Eagle Stroker Kit  
375 Rear Wheel Horsepower  
Featured on Horsepower TV

**Pendulum undercutting**  
is available on most Eagle crankshafts, reducing weight by approximately 3 pounds (minimal change to crankshaft bobweight)  
Part # P100



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## Service

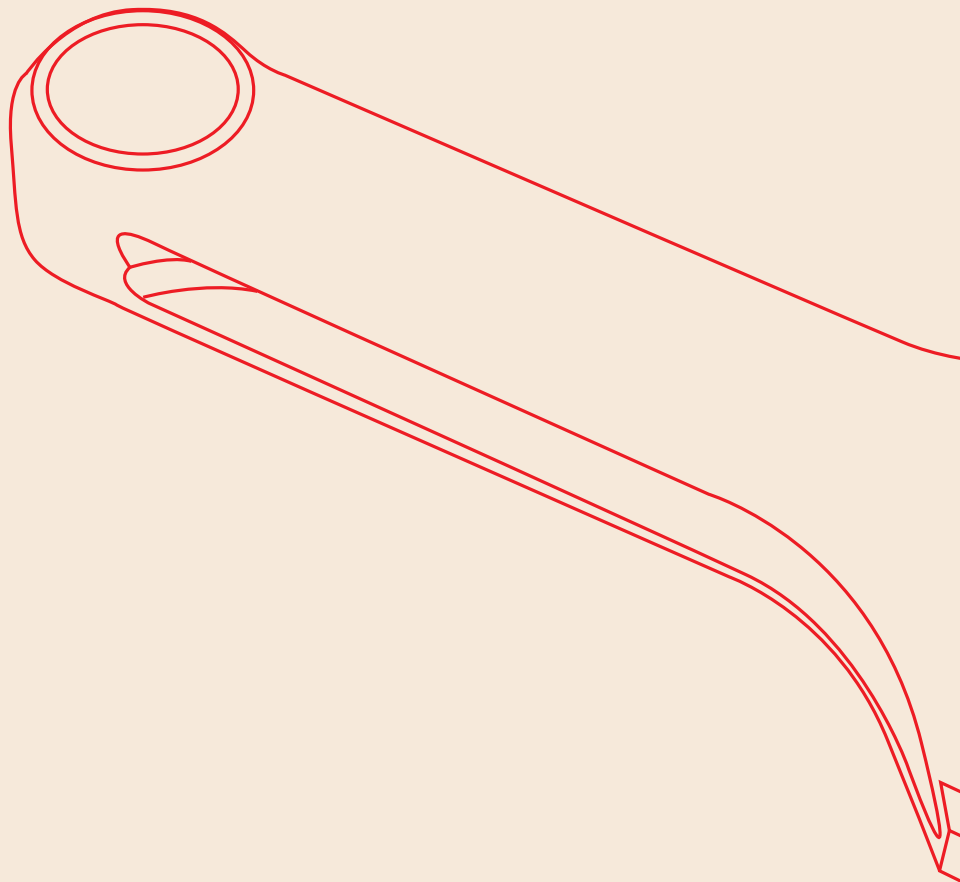
With over 75,000 sq. ft. of combined production and inventory in the U.S.A., most orders can be shipped within 24 hours! Our sales staff has over 85 years of combined experience in the automotive performance aftermarket industry to better serve you. We use DHL, UPS, Fed Ex, or various truck freight carriers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



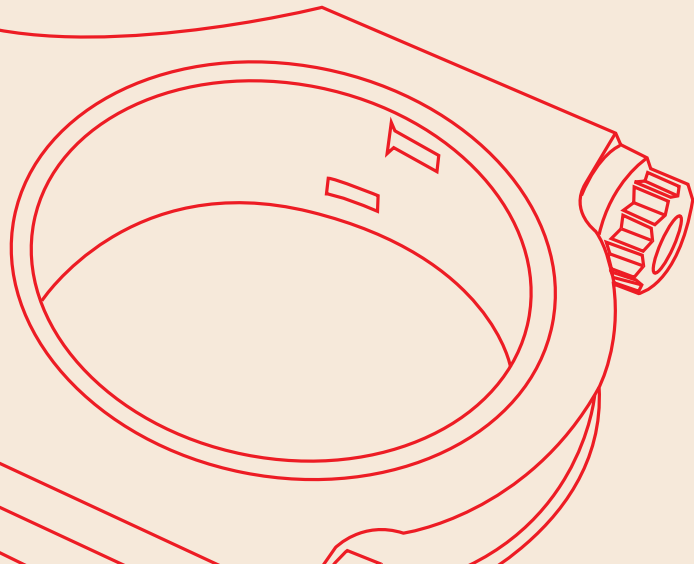
Eagle Specialty Products  
8530 Aaron Lane  
Southaven, MS 38671

# 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!

**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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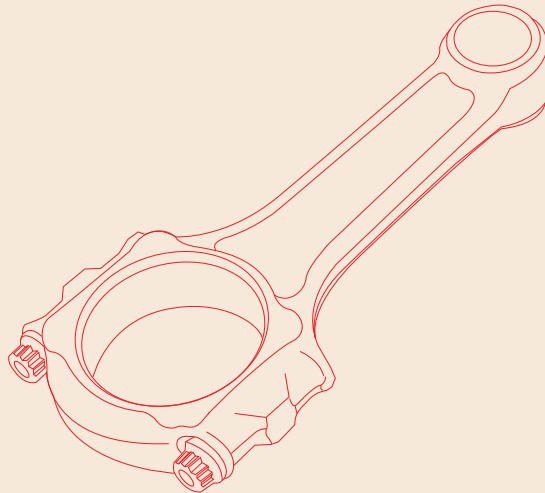
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## Eagle "SIR" or Eagle 3-D, Which do I use?

"SIR" I-beam connecting rods are an excellent choice for the cost conscious customer. Offering a 50% increase in strength versus stock rods, these rods are rated to 500 h.p. in small block and 700 h.p. in big block applications. The low cost of "SIR" I-beam rods makes it practically obsolete to rework stock rods, considering the cost to magna-flux, replace bolts, re-size, and install bushings. Most are available in both press fit or bushed for floating pins.

ESP 3-D H-beam connecting rods are the best choice for the all out competition engine. Rated to 700 h.p. in small block and 850 h.p. in big block and well over 1200 h.p. with the optional bolt upgrade, these rods can handle high compression, blowers, nitrous, etc. ESP 3-D H-beam rods are an excellent choice in the most demanding applications.

These rods are stroker profiled to minimize clearancing efforts in large stroke engines. With over 200 different applications today and our commitment to continue to develop new products, there is a good chance we have what you need. Call our tech dept. for the latest new products or visit our web site ([www.eaglerod.com](http://www.eaglerod.com)) for the latest updates.



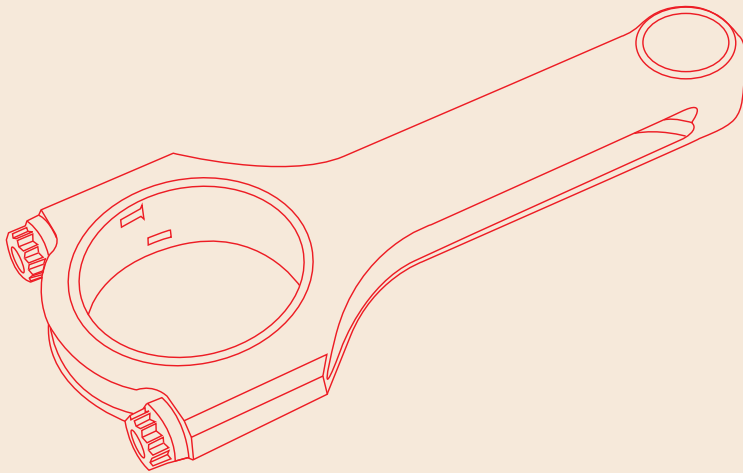
Eagle Specialty Products "SIR" Connecting Rods are an economically priced alternative to the time and expense involved in reworking OE connecting rods. "SIR" connecting rods are forged from 5140 steel and most are available for both press fit or bushed for floating pins. ARP 8740 cap screw bolts are used in all "SIR" connecting rods. Critical big end sizing is controlled using in-house CNC equipment. "SIR" Connecting Rods offer up to 50% increase in strength over stock connecting rods. All rods are weight matched in sets +/- 2 g. "SIR" I-Beam rods are rated for small block (500 HP) and big block (700 HP). "SIR" I-Beam rods are the perfect choice for Pro-Street, IMCA, and classes requiring a "stock appearing rod"

### Why are Eagle torque settings different from O.E. torque settings?

ESP does not use OE bolts. Failure to properly preload the rod bolt is the #1 cause of premature rod failure! Proper bolt tightening is just that important. Failing to use the proper lubricant can cause the bolt to be improperly pre loaded. Every bolt, rod, set of rods ESP delivers comes with torque specifications and bolt lubricant. Keeping in mind, the big end of a rod is a stressed bore, much the same as a the cylinder bore in a block. All ESP rods are sized on one of our eight CNC Sunnen Krossgrinders. The Sunnen Krossgrinder is unique in that you actually set the finished bore size: it is extremely accurate and repeats perfect sizing time after time. To reproduce the bore size in an engine, the preload on the fastener must be the same as when it is initially sized. This is also why you can not use the Eagle torque spec on another brand rod.

**Note: Rod bolts can be damaged by moisture. Rod bolts should never be exposed to moisture during assembly or storage. ESP does not handle bolts with our hands to prevent the possibility of exposing sweat to a fastener. Any rod bolt must be replaced if any sign of rust is apparent.**

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“ESP” H- Beam connecting rods provide the strength and durability required in the most demanding engines at a sportsman rod price. Eagle was the first connecting rod to use the state of the art Sunnen Krossgrinding™ system to hold extremely tight tolerances. 7/16” ARP bolts come standard unless otherwise noted. Although for extreme horsepower applications, optional ARP 2000 (220kpsi) or L-19 (260 kpsi) bolts are available. Precision alignment sleeves locate rod cap to help maintain big end bore size and eliminate cap walk. The stroker design provides adequate cam clearance up to 3.750” on small block Chevrolet and 4.500” on big-block Chevrolet with no modification. All rods are weight matched a packaged accordingly with only a variance of +/- 1g. All “ESP” rods are available in sets or individually (please specify weights on individual rod purchases).

All connecting rods are multi-stage heat treated, magna-fluxed, and sonic tested..

## The Difference You Can't See

All “ESP” automotive 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 chrome, 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!

### What different rod bolts are available on ESP 3-D connecting rods?

ESP uses exclusively ARP rod bolts. Our standard 7/16” fastener is the ARP 8740. The 8740 is reliable, requires no special handling, economically priced, and will perform flawlessly when installed correctly in small block engines up to 700 hp and big block engines up to 850 hp. For higher displacement engines, ESP also offers the ARP 2000 or ARP L19 bolts at an additional charge. These fasteners offer increased strength for demanding applications. Whenever design requires ESP to use a smaller diameter fastener (5/16” or 3/8”), ARP 2000 bolts are used exclusively for the additional strength & reliability that they offer. They do cost a little more but it is a small price to pay when compared to the cost of an engine!

Eagle carries over 200 different rods for many popular applications including: Acura, BMW, Buick, Cadillac, Chevrolet, Chrysler, Dodge, Ford, Honda, Infiniti, Lexus, Mitsubishi, Nissan, Oldsmobile, Pontiac, Subaru, and Toyota. All sets come ready to run, with installation instructions and moly lubricant included. ESP rods are forged in China, and finished in the USA.



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## Guide to compression ratio selection:

Listed below are general guidelines for selecting rotating assemblies. Contact your engine builder or our technical department for specific recommendations. Camshaft selection, Cylinder head material, etc. affect the desired compression ratio.

Economy	8.5:1 to 9.0:1
Towing	8.5:1 to 9.0:1
Blown /Turbocharged	8.0:1 to 9.5:1
Street/Strip	9.5:1 to 10.5:1
Competition	11.0:1 and up
Alcohol	12.0:1 and up

## What are the different applications for cast and forged crankshafts?

For the most value conscience customer, our cast cranks are a superior alternative to stock cranks. Eagle offers our cast cranks in a variety of different strokes. Cast steel cranks offer excellent reliability up to 500 hp in small block applications and 700 hp in big blocks. This makes them an excellent choice for stock, towing, and street/strip applications. Eagle cast cranks feature 0.091" radius on all journals for maximum strength, while still allowing use of less expensive O.E. bearings.

Eagle forged 4340 steel cranks offer maximum strength at an affordable cost. Eagle 4340 steel cranks are made from a non-twist forging, using certified 4340 steel. Multi-stage heat treated for greater strength, x-rayed and sonic tested to ensure quality. All snout, rod and main journals filet radius are .125" for added strength (chamfered rod and main bearings required). They are also fully nitrided for greater longevity, and micro-polished to a 3 r.a. or less to maximize bearing life. Eagle offers a variety of various weight crankshafts, contact our technical department for further information.

## What is the purpose/ benefit of an internally balanced crankshaft?

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.

Crankshaft being micro-polished. Each 4340 crank is polished to a 3 R.A. or lower on each journal and thrust to ensure longer bearing life.



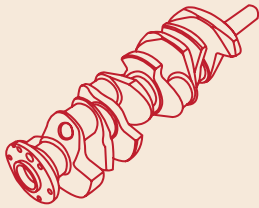
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### What is the advantage of a center counterweight crankshaft?

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.

### How much clearance is needed between crankshaft counterweight to pistons and block?

Typically, about .050" clearance is required. Eagle crankshafts are profiled to offer ample clearance to piston pin boss on all the pistons we use. Some pistons have an excessive amount of material under the wrist pin, leaving less than minimum clearance, or even contact to counterweight. Some block clearancing may be necessary, especially in stroker applications.



### Are Eagle crankshafts balanced?

Yes and no. This question requires a little bit of further discussion. All Eagle crankshafts are balanced to a spec bobweight listed in our catalog; manufacturing tolerances are +/- 2%. For example an Eagle 4340 steel Chevy 350 383 crank bob weight is listed 1855 grams. 2% is equal to 37 grams. The actual bob weight of the crank will be between 1818 grams (-2%) & 1892 grams (+2%).

When you purchase a balanced assembly, each component is weighed and the actual bob weight for this engine is calculated. This is extremely important on performance engines especially as the engine RPM increases and with the wide variety of components available today. There is no way any manufacturer can foresee what component parts are to be used and it is not unusual to see a 100 gram difference or more between a dish, flat top and dome pistons. This makes it critical for each assembly to be balanced to the actual components used.

Bobweights are installed on the crankshaft to simulate the rotating mass of the rods, pistons, rings and engine bearings in the engine. The crankshaft is then spun or rotated at a specific RPM to identify where the crank is compared to the assembly weighs. If the crankshaft bobweight is heavy, weight is removed at specific points to balance. If the crank bobweight is light it becomes necessary to add heavy metal or molly to balance the crankshaft.

All Eagle crankshaft bobweights are intentionally on the heavy side. It far less expensive to remove weight from the crankshaft compared to the additional expense of adding weight using heavy metal.

## Why use Eagle Specialty Products over the "other brand"?

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.



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## BMW

### "ESP" H-Beam Connecting Rods

"ESP" connecting rods are forged from 4340 steel and utilize 3/8" ARP 2000 bolts with alignment sleeves for a perfect fit. Packaged in weight-matched sets (+/- 1g). Sizing is done on the state of the art Sunnen Krossgrinding™ system. "ESP" connecting rods are the perfect choice for engines up to 900 HP(4 cylinder) or 1500HP (6 cylinder).

LENGTH	PART NUMBER	WEIGHT	NOTES
M52, M54, S50, S52 (M3, 328i, 528i, Z3, Z4)			
5.313	CRS5313B63D	540	2.8l,3.0l, 3.2l
M40, M42, M44 (318, Z3)			
5.313	CRS5313B43D	540	1.8l,1.9l
Pin Bushings	EAGB928		Each
Rod Bolts	EAG201500		3/8",Each <b>ARP 2000</b>
Rod Bolts	EAG20060		3/8",Set of 8 <b>ARP 2000</b>
Alignment Sleeves	EAG10004		Each



### ENGINE SPECIFICATIONS

Engine	Deck Height	Rod Length
Chevy Small Block	9.025	5.700
Chevy 400	9.025	5.565
Chevy Big Block	9.800	6.135
Chevy Big Block Tall Deck	10.200	6.135
Chevy LS1	9.240	6.100
Chevy LSX Tall Deck	9.700	6.460
Chevy LS Warhawk	9.800	6.560
Ford 289, Boss 302	8.205	5.155
Ford 302	8.205	5.090
Ford 351C	9.206	5.780
Ford 351W	9.48 or 9.50	5.956
Ford 427	10.170	6.490
Ford 460	10.300	6.605
Ford 4.6	8.937	5.933
Chrysler "A" Small Block	9.599	6.123
Chrysler "B" (383, 400)	10.725	6.760
Chrysler "RB" (426, 440)	10.725	6.860
Chrysler 426 Hemi	10.625	6.860
Oldsmobile 455	10.625	6.735
Pontiac 400-455	10.230	6.625

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## Buick V-6 231 "ESP" H-Beam Connecting Rods

"ESP" connecting rods are forged from 4340 steel and utilize 3/8" ARP 2000 bolts with alignment sleeves for a perfect fit. Packaged in weight-matched sets (+/- 1g). Sizing is done on the state of the art Sunnen Krossgrinding™ system.

"ESP" connecting rods are the perfect choice for engines up to 1500 HP.



LENGTH	PART NUMBER	WEIGHT	NOTES
5.967	CRS5967B3D	600	
	Pin Bushings	EAGB928	Each
	Rod Bolts	EAG201600	Each <b>ARP 2000</b>
	Alignment Sleeves	EAG10000	Each

## "ESP" H-Beam Connecting Rods

"ESP" connecting rods are forged from 4340 steel and utilize 3/8" ARP 2000 capscrew-style bolts with alignment sleeves for a perfect fit. Packaged in weight-matched sets (+/- 1g). Sizing is done on the state of the art Sunnen Krossgrinding™ system.

"ESP" connecting rods are the perfect choice for engines up to 750 HP.



LENGTH	PART NUMBER	WEIGHT	NOTES
5.943	CRS5943C3D	545	
	Pin Bushings	EAG808	Each
	Rod Bolts	EAG20070	Set of 16 <b>ARP 2000</b>
	Alignment Sleeves	EAG10004	Each

# Chevy Four Cylinder

## Chevrolet/GM 4 Cylinder

### "ESP" H-Beam Connecting Rods

"ESP" connecting rods are forged from 4340 steel and utilize 5/16" ARP 2000 capscrew-style bolts with alignment sleeves for a perfect fit. Packaged in weight-matched sets (+/- 1g). Sizing is done on the state of the art Sunnen Krossgrinding™ system. "ESP" connecting rods are the perfect choice for engines up to 700 HP.

LENGTH	PART NUMBER	WEIGHT	NOTES
LN2 OHV 2.2l (Cavalier, Sunfire, etc.)			
5.590	CRS5590C3D	548	
LD9 2.4l Quad 4 (95+)			
5.710	CRS5710C3D	550	3/8" ARP 2000 bolts
Ecotec 2.2l (Cavalier)			
5.765	CRS5765C3D	520	
2.3l Quad 4 (88-94), Olds DOHC			
5.806	CRS5806C3D	590	3/8" ARP 2000 bolts
Pin Bushings	EAGB776	Each, 2.2 OHV, Ecotec	
Pin Bushings	EAGB808	Each, All Quad 4	
Rod Bolts	EAG20050	5/16", Set of 8	<b>ARP 2000</b>
Rod Bolts	EAG20060	3/8", Set of 8	<b>ARP 2000</b>
Alignment Sleeves	EAG10003	5/16", Each	
Alignment Sleeves	EAG10004	3/8", Each	



## Chevrolet Ecotec 2.2L

### "ESP" 4340 Crankshafts

"ESP" Forged 4340 Steel Crankshafts feature exceptional strength and quality at a reasonable price. Our cranks are forged in a non-twist forging and undergo a multi-stage heat treatment process as well as stress relieving, shot peening, and nitriding. They are magnafluxed and sonic tested to insure quality. We micro polish each journal to a 3 or better R.A. On all journals, a .0125" radius is used to increase strength, so chamfered bearings must be used. Approximate weight is 36 lbs.

STROKE	PART NUMBER	NOTES
3.724	2237245765R	With timing ring
3.724	2237245765	Without timing ring



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# Chevy Six Cylinder

## Chevrolet 6 Cylinder "ESP" H-Beam Connecting Rods

"ESP" connecting rods are forged from 4340 steel and utilize ARP 8740 capscrew-style bolts with alignment sleeves for a precise cap location. Packaged in weight-matched sets (+/- 1g). Sizing is done on the state of the art Sunnen Krossgrinding™ system. "ESP" connecting rods are the perfect choice for engines up to 650 HP.

LENGTH	PART NUMBER	WEIGHT	NOTES
Chevy 4.3l V6			
5.700	CRS570063D	665	Even Fire V6
Chevy 250 cid Straight Six (may be narrowed for 2.3 Pinto)			
5.700	CRS5700SLW-6	Lightweight/ Call	2.000 crank pin / 0.927 piston pin /1.029 b.e. width/3/8 ARP 2000 bolts
Pin Bushings	EAGB928		Each
Rod Bolts	EAG871600		Each <b>ARP 8740</b>
Alignment Sleeves	EAG10000		Each

## Chevrolet/GM 2.8L V6 173 CID Cast Steel Crankshafts

"ESP" Cast Steel Crankshafts offer an excellent alternative to reworking a factory cast crankshaft. They are manufactured with 0.092" radius on all journals, rear seal and snout for added strength while still using OE style bearings. Each crankshaft is inspected for dimension, size, and stroke accuracy. Approximate weight is 33 Lbs.

STROKE	PART NUMBER	NOTES
2.992	10173817	Matches Factory Casting # 817

Eagle keeps over ten million dollars worth of raw and finished products in stock. This enables Eagle to provide same day shipping on 98% of orders placed before 2:00 p.m. C. S. T., and 72 hour shipping on most balanced assemblies.



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# Chevy Small Block

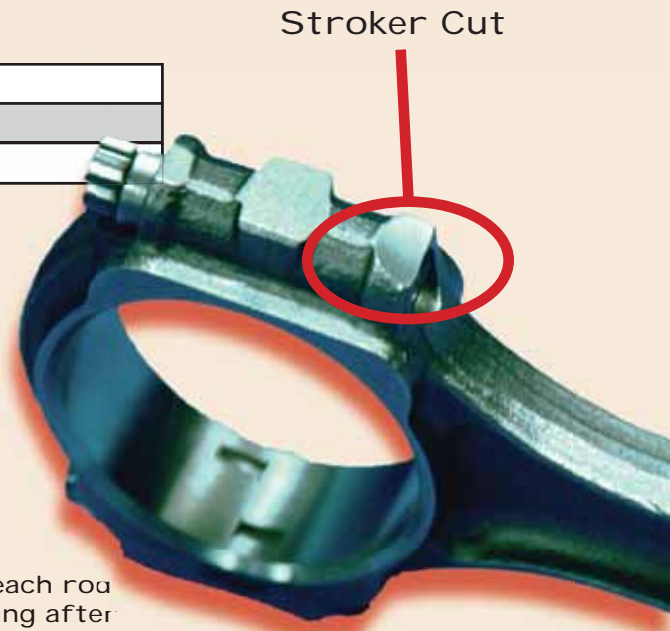
## Chevrolet Small Block

### “SIR” I-Beam Connecting Rods

“SIR” connecting rods are forged from 5140 steel and utilize ARP 3/8” capscrew-style bolts with alignment sleeves for easier assembly. Packaged in weight-matched sets (+/- 2g). Sizing is performed by in-house CNC equipment. “SIR” rods are the perfect choice for engines up to 500 HP.

LENGTH	PART NUMBER	WEIGHT	NOTES
Large Journal			
5.700	SIR5700BPLW	565	Press
5.700	SIR5700BBLW	560	Bushed
5.850	SIR5850BBLW		Bushed
6.000	SIR6000BPLW	595	Press
6.000	SIR6000BBLW	590	Bushed
6.125	SIR6125BBLW	600	Bushed
6.200	SIR6200BBLW	610	Bushed
6.250	SIR6250BBLW	615	Bushed
Small Journal			
5.700	SIR5700SBLW	590	Bushed
5.700	SIR5700SPLW	590	Press
6.000	SIR6000SBLW	635	Bushed
6.000	SIR6000SPLW	635	Press

Pin Bushings	EAGB928	Each
Rod Bolts	EAG12055	Set of 16
Alignment Sleeves	EAG10005	Each



Eagle checks each rod for proper sizing after machining on the Sunnen Krossgrinding™ system.

Eagle Specialty Products  
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# Chevy Small I Block

## Chevrolet Small I Block

### "ESP" H-Beam Connecting Rods

"ESP" connecting rods are forged from 4340 steel and utilize ARP 7/16" capscrew-style bolts with alignment sleeves for a perfect fit. Packaged in weight-matched sets (+/- 1g). Sizing is done on the state of the art Sunnen Krossgrinding™ system. The perfect choice for engines up to 700 HP. All use 0.927" piston pin.

LENGTH	PART NUMBER	WEIGHT	NOTES
Large Journal			
5.565	CRS5565B3D	635	Stock 400
5.700	CRS5700B3D	630	Stock 327, 350
5.850	CRS5850B3D	650	
6.000	CRS6000B3D	640	
6.125	CRS6125B3D	660	
6.125	CRS6125O3D	620	On-center big end- no offset
6.200	CRS6200B3D	650	
6.200	CRS6200O3D	650	On-center big end- no offset
6.250	CRS6250B3D	665	
6.300	CRS6300B3D	660	
Honda Journal			
5.700	CRS5700H3D		Available Spring 2008
6.000	CRS6000H3D	590	1.899" Journal, 7/16" Bolt
6.125	CRS6125H3D		Available Spring 2008
Small Journal			
5.700	CRS5700S3D	670	
5.850	CRS5850S3D	675	
6.000	CRS6000S3D	680	
6.125	CRS6125S3D	685	
Extreme Duty Bolt Upgrade			
5.700	CRS5700B3D2000	635	Up to 1100 HP <b>ARP 2000</b>
5.700	CRS5700B3DL19	635	Up to 1400 HP <b>ARP L19</b>
6.000	CRS6000B3D2000	645	Up to 1100 HP <b>ARP 2000</b>
6.000	CRS6000B3DL19	645	Up to 1400 HP <b>ARP L19</b>
Pin Bushings			
	EAGB927		Each
Rod Bolts			
	EAG12000		Set of 16 <b>ARP 8740</b>
	EAG20000		Set of 16 <b>ARP 2000</b>
	EAG14000		Set of 16 <b>ARP L19</b>
Alignment Sleeves			
	EAG10000		Each

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# Chevy Small Block

## Chevrolet Small Block

### "ESP" Featherweight H-Beam Rods

"ESP" lightweight connecting rods are forged from 4340 steel and utilize 3/8" ARP 2000 capscrew-style bolts with alignment sleeves for a perfect fit. Packaged in weight-matched sets (+/- 1g). Sizing is done on the state of the art Sunnen Krossgrinding™ system. "ESP" connecting rods are the perfect choice for engines up to 500 HP.

LENGTH	PART NUMBER	WEIGHT
Large Journal		
5.700	CRS5700BLW	535
6.000	CRS6000BLW	545
6.125	CRS6125BLW	550
6.200	CRS6200BLW	550
6.250	CRS6250BLW	555
Small Journal		
5.700	CRS5700SLW	
6.000	CRS6000SLW	550
6.125	CRS6125SLW	535
6.200	CRS6200SLW	535
6.250	CRS6250SLW	540
6.300	CRS6300SLW	540
Honda (1.889") Journal		
6.000	CRS6000HJ	575 3/8 arp 2000
6.125	CRS6125HJ	575 3/8 arp 2000
6.200	CRS6200HJ	575 3/8 arp 2000
6.250	CRS6250HJ	580 3/8 arp 2000
6.300	CRS6300HJ	580 3/8 arp 2000



Pin Bushings	EAGB928	Each
Rod Bolts	EAG20070	Set of 16 <b>ARP 2000</b>
Alignment Sleeves	EAG10004	Each

## Chevy 305 Reference Chart

STROKE	BORE				
	3.736"	3.756"	3.766"	3.776"	3.796"
	STD	(+0.020)	(+0.030)	(+0.040)	(+0.060)
3.480	305	308	310	312	315
3.500	312	310	312	314	317
3.750	329	332	334	336	340
3.800	333	337	339	340	344

Eagle Specialty Products  
8530 Aaron Lane  
Southaven, MS 38671

## Chevrolet Small Block

### “Maximum Stroke” H-Beam Connecting Rods

“ESP” maximum stroke connecting rods are precision machined on the state of the art Sunnen Krossgrinding™ System to hold extremely tight tolerances. These large journal rods are packaged in weight matched sets end to end +/- 1 gram. Precision alignment sleeves precisely locate the rod cap. They are sonic tested and magnafluxed to insure quality. These rods have a 2 piece forging for increased strength. Maximum stroke rods are clearanced for a 4” stroke.

LENGTH	PART NUMBER	WEIGHT	NOTES
5.850	CRS5850BST	630	up to 700 hp
6.000	CRS6000BST	645	up to 700 hp
<b>Extreme Duty Bolt Upgrade</b>			
6.000	CRS6000BST2000	635	up to 1200 hp <b>ARP 2000</b>
6.000	CRS6000BSTL19	650	up to 1400 hp <b>ARP L19</b>
Pin Bushings	EAGB927		Each
* Rod Bolts	EAG12000		Set of 16 <b>ARP 8740</b>
* Rod Bolts	EAG20000		Set of 16 <b>ARP 2000</b>
* Rod Bolts	EAG14000		Set of 16 <b>ARP L19</b>
Alignment Sleeves	EAG10004		Each

\* **Must be machined for clearance**



CNC machined for increased camshaft clearance.

# Chevy Small Block

## Chevrolet 305 & 350 2 piece rear seal Cast Steel Crankshafts

“ESP” Cast Steel Crankshafts offer an excellent alternative to reworking a factory cast crankshaft. Manufactured with 0.092” radius on all journals, rear seal and snout for added strength while still using OE style bearings. Our cranks feature lightening holes in every rod throw. Each crankshaft is inspected for dimension, size, and stroke accuracy. Target bobweight is +/-2% GUARANTEED! Perfect for applications up to 500 HP. Approximate weight is 50 Lbs.



STROKE	PART NUMBER	BOBWEIGHT	MIN. ROD LENGTH	NOTES
3.480	103503480	1855	5.700	Balanced OE spec
3.750	103503750	1855	5.700	External Balance **
3.750	103503750I	1855	5.850	Internal Balance *
3.750	10350375057I	1825	5.700	Internal Balance *

Spliced 4 Bolt Main Caps	EAGC4102S	Billet Steel, Converts 2 Bolt To 4 Bolt 350
Spacer Bearings	EAG5620	Spacer to fit 350 crank in a 400 block

## “ESP” Forged 4340 Crankshafts

“ESP” Forged 4340 Steel Crankshafts feature a non-twist forging and undergo a multi-stage heat treatment process as well as stress relieving, shot peening, and nitriding. They are magnafluxed and sonic tested to insure quality. We micro polish each journal to a 3 or better R.A. A 0.125” radius is used to increase strength, so chamfered bearings must be used. All rod throws feature lightening holes to reduce weight. All are internal balance. Target bobweight GUARANTEED +/- 2%. Approximate weight is 52-55 Lbs.



STROKE	PART NUMBER	BOBWEIGHT	MIN. ROD LENGTH	NOTES
3.000	435030005700	1855	5.700	*
3.250	435032505700	1855	5.700	*
3.480	435034805700	1855	5.700	*
3.480	435034815700	1855	5.700	Standard Oiling *
3.500	435035005700	1855	5.700	*
3.562	435035625700	1855	5.700	*
3.625	435036255700	1855	5.700	*
3.750	435037505700	1855	5.700	*
3.750	435037506000	1855	6.000	*
3.750	435037515700	1855	5.700	Standard Oiling *
3.875	435038756000	1855	6.000	*
4.000	435040006000	1855	6.000	*
4.125	435041256000	1855	6.000	*

\* Must use neutral balance flexplate and harmonic balancer \*\* Use 400 balancer & flexplate

Spliced 4 Bolt Main Caps	EAGC4102S	Billet Steel, Converts 2 Bolt To 4 Bolt 350
Spacer Bearings	EAG5620	Spacer to fit 350 crank in a 400 block
Pendulum Undercut	P100	Reduces weight approximately 3 lbs

Eagle Specialty Products  
8530 Aaron Lane  
Southaven, MS 38671



# Chevy Small Block

## Chevrolet 350 2 piece rear seal "ESP" Lightweight Steel Crankshafts

"ESP" Forged 4340 Steel Crankshafts feature unsurpassed quality at a reasonable price. Our cranks are non-twist forging and undergo a multi-stage heat treatment process as well as stress relieving, shot peening, and nitriding. They are magnafluxed and sonic tested to insure quality. We micro polish each journal to a 3 or better R.A. A 0.125" radius is used to increase strength, so chamfered bearings must be used. The perfect choice for engines up to 1200 HP. Approximate weight is 48-49 lbs! All are internal balance. Lightening holes in every rod throw to further reduce weight.



	STROKE	PART NUMBER	BOBWEIGHT	MIN. ROD LENGTH	
Honda Rod Journals					
NEW	3.000	4348300057LA	1820	5.700	*
	3.500	4348350057LA	1820	5.700	*
	3.750	4348375057LA	1820	5.700	*
NEW	4.000	4348400060LA	1820	6.000	*
Large 2.100" Rod Journals					
	3.000	4350300057LA	1820	5.700	*
	3.480	4350348057LA	1820	5.700	*
	3.500	4350350057LA	1820	5.700	*
	3.750	4350375057LA	1820	5.700	*
	3.480	4350348057LW	1750	5.700	*
	3.500	4350350057LW	1750	5.700	*

Splayed 4 Bolt Main Caps	EAGC4102S	Billet Steel, Converts 2 Bolt To 4 Bolt 350
Spacer Bearings	EAG5620	Spacer to fit 350 crank in a 400 block

## Ultra-Lightweight 4340 Crankshafts

"ESP" 4340 Steel Crankshafts come in Chevrolet 2.100 and 2.000 rod journal sizes. Also available with Honda rod journal size. A 0.125" radius on all journals, so chamfered bearings must be used. The approximate weight for these cranks are a mere 45 lbs! They are all internal balance. Gun drilled to reduce weight without compromising strength. Lightening holes in every rod throw to further reduce weight.



	STROKE	PART NUMBER	BOBWEIGHT	MIN. ROD LENGTH	
Large 2.100" Rod Journals					
	3.480	4350348057FW	1670	5.700	*
	3.500	4350350057FW	1670	5.700	*
Small 2.000" Rod Journals					
	3.350	4349335057FW	1650	5.700	*
	3.480	4349348057FW	1650	5.700	*
	3.500	4349350057FW	1650	5.700	*
Honda Rod Journals					
	3.000	4348300057FW	1650	5.700	*
	3.350	4348335057FW	1650	5.700	*
	3.480	4348348057FW	1650	5.700	*
	3.500	4348350057FW	1650	5.700	*

\* Must use neutral balance flexplate and harmonic balancer

Splayed 4 Bolt Main Caps	EAGC4102S	Billet Steel, Converts 2 Bolt To 4 Bolt 350
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# Chevy Small Block

## Street Performance Balanced Rotating Assemblies

Our Street Performance Balanced Rotating Assemblies offer the perfect balance of strength, performance, reliability and affordability. Each kit includes a cast steel crankshaft, "SIR" I-beam connecting rods, Federal Mogul hypereutectic pistons, Perfect Circle rings, and Clevite 77 bearings. Street Performance assemblies are the perfect choice for engines up to 500 HP. These Kits are ONLY available balanced, sorry no substitutions.

### Chevrolet 350 2 piece rear seal

Each Assembly includes pistons pressed on rods.

Internally balanced - use neutral flex plate and balancer (not included)



KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO			BORE SIZES AVAILABLE				
								58cc	64cc	76cc	STD	020	030	040	060
B13403E	3.480	355	5.700	FM	INV. DOME	-10cc	STD	9.9	9.3	8.3	●	●	●	●	●
B13402E	3.480	355	5.700	FM	FLAT	-5cc	STD	10.5	9.8	8.7	●	●	●	●	●

### Chevrolet 383 2 piece rear seal

Each assembly includes bushed rods and Harmonic balancer and flex plate.



KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO			BORE SIZES AVAILABLE				
								58cc	64cc	76cc	STD	020	030	040	060
B13404E	3.750	383	5.700	FM	INV. DOME	-12cc	STD	10.5	9.9	8.8	●	●	●	●	●
B13405E	3.750	383	5.700	FM	FLAT	-5cc	STD	11.4	10.7	9.4	●	●	●	●	●

### Chevrolet 383 2 piece rear seal (Internal balance)

Each assembly includes bushed rods.

Internally balanced - use neutral flex plate and balancer (not included)



KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO			BORE SIZES AVAILABLE				
								58cc	64cc	76cc	STD	020	030	040	060
B13454E	3.750	383	5.700	FM	INV. DOME	-12cc	STD	10.5	9.9	8.8	●	●	●	●	●
B13455E	3.750	383	5.700	FM	FLAT	-5cc	STD	11.4	10.7	9.4	●	●	●	●	●

Eagle Specialty Products reserves the right to substitute pistons due to availability, etc.

Eagle Specialty Products  
8530 Aaron Lane  
Southaven, MS 38671

# Chevy Small Block

## Chevrolet 305 & 350 2 piece rear seal Chevrolet Street & Strip Rotating Assemblies

Our Street and Strip Rotating Assemblies offer the perfect balance of strength, performance, reliability and affordability. Each kit includes a cast steel crankshaft, "SIR" I-beam connecting rods, Either KB or forged pistons from companies like Arias, JE, SRP, Mahle, etc., premium moly rings, and Clevite 77 bearings. Street and Strip assemblies are the perfect choice for engines up to 500 HP.



Crank	Rods	Max HP
<b>CAST</b>	<b>I-BEAM</b>	<b>500</b>

KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO			BORE SIZES AVAILABLE				
								58cc	64cc	76cc	STD	020	030	040	060
305 internal balance								58cc	64cc	76cc	STD	020	030	040	060
13100	3.480	305	5.700	KB	INV. DOME	-12cc	STD	9.2	8.6	7.7	●	●	●	●	●
13101	3.480	305	5.700	KB	FLAT	-5cc	STD	10.0	9.3	8.2	●	●	●	●	●
305 external balance															
13102	3.750	334	5.700	KB	INV. DOME	-10cc	STD	10.1	9.4	8.3	●	●	●	●	●
350 external balance															
13020	3.480	355	5.700	SRP	INV. DOME	-24cc	FF	9.0	8.5	7.6	●	●	●	●	●
13201	3.480	355	5.700	KB	INV. DOME	-12cc	STD	10.3	9.6	8.5	●	●	●	●	●
13202	3.480	355	5.700	KB	FLAT	-7cc	STD	10.9	10.2	8.9	●	●	●	●	●
13205	3.480	355	6.000	KB	FLAT	-7cc	STD	10.9	10.2	8.9	●	●	●	●	●
13021	3.480	355	5.700	SRP	FLAT	-5cc	FF	11.1	10.3	9.0	●	●	●	●	●
13022	3.480	355	6.000	SRP	FLAT	-5cc	FF	11.1	10.3	9.0	●	●	●	●	●
383 internal balance															
13054	3.750	383	5.700	KB	INV. DOME	-18cc	STD	10.3	9.7	8.7	●	●	●	●	●
13051	3.750	383	5.700	SRP	INV. DOME	-16cc	FF	10.4	9.8	8.7	●	●	●	●	●
13052	3.750	383	6.000	SRP	INV. DOME	-16cc	FF	10.4	9.8	8.7	●	●	●	●	●
13055	3.750	383	5.700	KB	FLAT	-7cc	STD	11.7	10.9	9.6	●	●	●	●	●
13056	3.750	383	5.700	SRP	FLAT	-5cc	FF	11.8	11.0	9.7	●	●	●	●	●
13057	3.750	383	6.000	SRP	FLAT	-5cc	FF	11.8	11.0	9.7	●	●	●	●	●
383 external balance															
13004	3.750	383	5.700	KB	INV. DOME	-18cc	STD	10.3	9.7	8.7	●	●	●	●	●
13001	3.750	383	5.700	SRP	INV. DOME	-16cc	FF	10.4	9.8	8.7	●	●	●	●	●
13002	3.750	383	6.000	SRP	INV. DOME	-16cc	FF	10.4	9.8	8.7	●	●	●	●	●
13005	3.750	383	5.700	KB	FLAT	-7cc	STD	11.7	10.9	9.6	●	●	●	●	●
13006	3.750	383	5.700	SRP	FLAT	-5cc	FF	11.8	11.0	9.7	●	●	●	●	●
13007	3.750	383	6.000	SRP	FLAT	-5cc	FF	11.8	11.0	9.7	●	●	●	●	●

Eagle Specialty Products reserves the right to substitute pistons due to availability, etc.

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# Chevy Small Block

## Chevrolet 305 & 350 2 piece rear seal

### Chevrolet Street & Strip Rotating Assemblies

Our Balanced Street and Strip Rotating Assemblies offer the perfect balance of strength, performance, reliability and affordability. Each kit includes a cast steel crankshaft, "SIR" I-beam connecting rods, Either KB or forged pistons from companies like Arias, JE, SRP, Mahle, etc., moly rings and Clevite 77 bearings. Balancing spec card included. External balance 383 assemblies include new balancer and 153 tooth flex plate (168 tooth flex plate available upon request). Street and Strip assemblies are the perfect choice for engines up to 500 HP.

Balancer and flex plate included on externally balanced kits ONLY!

Crank	Rods	Max HP
<b>CAST</b>	<b>I-BEAM</b>	<b>500</b>



# BALANCED

KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO			BORE SIZES AVAILABLE				
								58cc	64cc	76cc	STD	020	030	040	060
305 internal balance															
B13100E	3.480	305	5.700	KB	INV. DOME	-12cc	STD	9.2	8.6	7.7	●	●	●	●	●
B13101E	3.480	305	5.700	KB	FLAT	-5cc	STD	10.0	9.3	8.2	●	●	●	●	●
305 external balance															
B13102E	3.750	334	5.700	KB	INV. DOME	-10cc	STD	10.1	9.4	8.3	●	●	●	●	●
350 internal balance															
B13202E	3.480	355	5.700	KB	FLAT	-7cc	STD	10.9	10.2	8.9	●	●	●	●	●
B13205E	3.480	355	6.000	KB	FLAT	-7cc	STD	10.9	10.2	8.9	●	●	●	●	●
B13021E	3.480	355	5.700	SRP	FLAT	-5cc	FF	11.1	10.3	9.0	●	●	●	●	●
B13022E	3.480	355	6.000	SRP	FLAT	-5cc	FF	11.1	10.3	9.0	●	●	●	●	●
383 internal balance															
B13054E	3.750	383	5.700	KB	INV. DOME	-18cc	STD	10.3	9.7	8.7	●	●	●	●	●
B13051E	3.750	383	5.700	SRP	INV. DOME	-16cc	FF	10.4	9.8	8.7	●	●	●	●	●
B13052E	3.750	383	6.000	SRP	INV. DOME	-16cc	FF	10.4	9.8	8.7	●	●	●	●	●
B13055E	3.750	383	5.700	KB	FLAT	-7cc	STD	11.7	10.9	9.6	●	●	●	●	●
B13056E	3.750	383	5.700	SRP	FLAT	-5cc	FF	11.8	11.0	9.7	●	●	●	●	●
B13057E	3.750	383	6.000	SRP	FLAT	-5cc	FF	11.8	11.0	9.7	●	●	●	●	●
383 external balance															
B13004E	3.750	383	5.700	KB	INV. DOME	-18cc	STD	10.3	9.7	8.7	●	●	●	●	●
B13002E	3.750	383	6.000	SRP	INV. DOME	-16cc	STD	10.4	9.8	8.7	●	●	●	●	●
B13005E	3.750	383	5.700	KB	FLAT	-7cc	FF	11.7	10.9	9.6	●	●	●	●	●
B13006E	3.750	383	5.700	SRP	FLAT	-5cc	FF	11.8	11.0	9.7	●	●	●	●	●
B13007E	3.750	383	6.000	SRP	FLAT	-5cc	FF	11.8	11.0	9.7	●	●	●	●	●

Eagle Specialty Products reserves the right to substitute pistons due to availability, etc.

Eagle Specialty Products  
8530 Aaron Lane  
Southaven, MS 38671

# Chevy Small Block

## Chevrolet 350 2 piece rear seal Pro Street Rotating Assemblies

Our Pro-Street assemblies feature the strength and durability of the Eagle 4340 steel crankshaft paired with the "SIR" I-Beam connecting rods. With a choice of hypereutectic or forged pistons, these assemblies can meet the demands of most street applications without the cost of full competition kits. Also included are Clevite race rod and main bearings and premium moly ring sets.



# NEW

Crank	Rods	Max HP
<b>4340</b>	<b>I-BEAM</b>	<b>500</b>

KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO		BORE SIZES AVAILABLE			
								64cc	76cc	020	030	040	060
10029	3.480	355	5.700	Mahle	INV. DOME	-20cc	FF	8.9	8.0	○	●	●	●
10201	3.480	355	5.700	KB	INV. DOME	-12cc	STD	9.6	8.5	●	●	●	●
10221	3.480	355	5.700	FM	INV. DOME	-10cc	STD	9.8	8.7	●	●	●	●
10202	3.480	355	5.700	KB	FLAT	-7cc	STD	10.2	8.9	●	●	●	●
10205	3.480	355	6.000	KB	FLAT	-7cc	STD	10.2	8.9	●	●	●	●
10208	3.480	355	6.200	KB	FLAT	-6cc	FF	10.3	9.1	●	●	●	●
10220	3.480	355	5.700	FM	FLAT	-5cc	STD	9.8	8.7	●	●	●	●
10001	3.480	355	5.700	Mahle	FLAT	-5cc	FF	10.3	9.1	○	●	●	●
10003	3.480	355	6.000	Mahle	FLAT	-5cc	FF	10.3	9.1	○	●	●	●
10006	3.750	383	5.700	Mahle	INV. DOME	-26cc	FF	9.0	8.1	○	●	●	●
10213	3.750	383	5.700	KB	INV. DOME	-18cc	STD	9.7	8.7	●	●	●	●
10007	3.750	383	5.700	SRP	INV. DOME	-16cc	FF	9.8	8.7	●	●	●	●
10010	3.750	383	6.000	Mahle	INV. DOME	-16cc	FF	9.8	8.7	○	●	●	●
10222	3.750	383	5.700	FM	INV. DOME	-12cc	STD	9.9	8.8	●	●	●	●
10214	3.750	383	5.700	KB	INV. DOME	-12cc	STD	10.3	9.1	●	●	●	●
10215	3.750	383	5.700	KB	FLAT	-7cc	STD	10.9	9.6	●	●	●	●
10223	3.750	383	5.700	FM	FLAT	-5cc	STD	10.7	9.4	●	●	●	●
10008	3.750	383	5.700	Mahle	FLAT	-5cc	FF	11.0	9.7	○	●	●	●
10011	3.750	383	6.000	Mahle	FLAT	-5cc	FF	11.0	9.7	○	●	●	●

Eagle Specialty Products reserves the right to substitute pistons due to availability, etc.

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# Chevy Small Block

## Chevrolet 350 2 piece rear seal Competition Rotating Assemblies

Our Competition Rotating Assembly matches our Eagle "ESP" H-Beam Connecting rod, our 4340 steel crankshaft, and forged pistons from companies like Arias, JE, SRP, Mahle, etc. Also included are Clevite 77 race bearings and premium plasma-moly rings. Competition Assemblies are the perfect choice for the most demanding applications. Designed for internal balance.



Crank	Rods	Max HP
<b>4340</b>	<b>H-BEAM</b>	<b>750-1500*</b>
*with bolt upgrade		

KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO		BORE SIZES AVAILABLE				
								64cc	76cc	STD	020	030	040	060
12029	3.480	355	5.700	SRP	INV. DOME	-24cc	FF	8.5	7.6	●	●	●	●	●
12001	3.480	355	5.700	Mahle	FLAT	-5cc	FF	10.3	9.1	●	○	●	●	●
12003	3.480	355	6.000	Mahle	FLAT	-5cc	FF	10.3	9.0	●	○	●	●	●
12002	3.480	355	5.700	Mahle	DOME	+11cc	FF	12.7	10.8	○	○	●	●	●
12004	3.480	355	6.000	Mahle	DOME	+11cc	FF	12.7	10.8	○	○	●	●	●
12020	3.500	357	6.000	SRP	FLAT	-5cc	FF	10.3	9.0	●	●	●	●	●
12021	3.500	357	6.000	Mahle	DOME	+11cc	FF	12.7	10.8	○	○	●	●	●
12017	3.562	363	6.000	SRP	FLAT	-5cc	FF	10.5	9.1	○	○	●	○	○
12030	3.562	363	6.000	JE	DOME	+11cc	FF	13.0	11.1	○	○	●	●	○
12022	3.625	370	6.000	JE	DOME	+13cc	FF	13.6	11.5	○	○	●	○	○
12006	3.750	383	5.700	SRP	INV. DOME	-31cc	FF	8.5	7.7	○	○	●	○	○
12007	3.750	383	5.700	SRP	INV. DOME	-16cc	FF	9.8	8.7	●	●	●	●	●
12010	3.750	383	6.000	SRP	INV. DOME	-16cc	FF	9.8	8.7	●	●	●	●	●
12008	3.750	383	5.700	Mahle	FLAT	-5cc	FF	11.0	9.7	●	○	●	●	●
12025	3.750	383	5.850	SRP	FLAT	-5cc	FF	11.0	9.7	●	●	●	●	●
12011	3.750	383	6.000	Mahle	FLAT	-5cc	FF	11.0	9.7	●	○	●	●	●
12009	3.750	383	5.700	SRP	DOME	+7cc	FF	12.9	11.0	●	●	●	●	●
12069	3.750	383	5.700	Mahle	DOME	+11cc	FF	13.7	11.7	○	○	●	●	●
12012	3.750	383	6.000	SRP	DOME	+7cc	FF	12.9	11.0	●	●	●	●	●
12077	3.750	383	6.000	Mahle	DOME	+11cc	FF	13.7	11.7	○	○	●	●	●
12013	3.875	396	6.000	SRP	FLAT	-5cc	FF	11.4	9.9	○	○	●	○	○

Eagle Specialty Products reserves the right to substitute pistons due to availability, etc.

Eagle Specialty Products  
8530 Aaron Lane  
Southaven, MS 38671

# Chevy Small Block

## Chevrolet 350 2 piece rear seal Triple Lightweight Competition Rotating Assemblies

Our Lightweight Competition Rotating Assemblies feature our lightweight forged 4340 H-beam rods and lightweight crankshafts teamed with forged pistons from companies like Arias, JE, SRP, Mahle etc., to provide an excellent lightweight assembly without spending a fortune. Also included are Clevite 77 race bearings and plasma-moly rings. Designed for internal balance. Lightweight Competition Assemblies are the perfect choice for the 2 barrel or restricted class racer.

Crank	Rods	Max HP
<b>4340</b>	<b>LW H-BEAM</b>	<b>450</b>



KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO			BORE SIZES AVAILABLE				
								58cc	64cc	76cc	STD	020	030	040	060
2.100 Large Journal			49 lb. Crank												
17120	3.480	355	5.700	SRP	FLAT	-4cc	FF	11.2	10.4	9.1	○	●	●	●	●
17121	3.480	355	6.000	SRP	FLAT	-4cc	FF	11.2	10.4	9.1	○	●	●	●	●
17122	3.480	355	6.125	SRP	FLAT	-4cc	FF	11.2	10.4	9.1	○	○	●	●	●
17124	3.500	357	6.000	SRP	FLAT	-4cc	FF	11.2	10.4	9.1	○	●	●	●	●
17125	3.500	357	6.125	SRP	FLAT	-4cc	FF	11.2	10.4	9.1	○	○	●	●	●
1.890 Honda Journal			45 lb Crank												
17400	3.350	342	6.200	JE	FLAT	-2cc	FF	10.9	10.1	8.9	○	○	●	●	○
17401	3.480	355	6.250	JE	FLAT	-2cc	FF	11.6	10.8	9.4	○	○	●	●	○
17402	3.480	355	6.125	JE	FLAT	-2cc	FF	11.6	10.8	9.4	○	○	●	●	○
17403	3.480	355	6.000	JE	FLAT	-2cc	FF	11.6	10.8	9.4	○	○	●	●	○
17404	3.500	357	6.250	JE	FLAT	-2cc	FF	11.6	10.8	9.4	○	○	●	●	○
17405	3.500	357	6.125	JE	FLAT	-2cc	FF	11.6	10.8	9.4	○	○	●	●	○
17406	3.500	357	6.000	JE	FLAT	-2cc	FF	11.6	10.8	9.4	○	○	●	●	○

Eagle Specialty Products reserves the right to substitute pistons due to availability, etc.

phone 662.796.7373  
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 service@eaglerod.com

# Chevy Small Block

## Chevrolet 350 2 piece rear seal

### Forced Induction/ Nitrous Oxide Competition Rotating Assemblies

“ESP” Forced Induction / Nitrous Oxide Competition Rotating Assemblies are composed of quality components which are kept in stock for immediate shipping. These kits consist of an “ESP” 4340 Steel Crankshaft, 3-D connecting rods with ARP 2000 bolts or optional ARP L-19 bolts, Clevite 77 race bearings, premium forged pistons from companies like Arias, JE, SRP, etc., and Perfect Circle plasma moly file fit rings. Designed for internal balance.

Crank	Rods	Max HP
<b>4340</b>	<b>H-BEAM</b>	<b>1100-1500</b>



KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME RINGS	COMPRESSION RATIO	BORE SIZES AVAILABLE						
								58cc	64cc	76cc	STD	020	030	040
35100	3.480	355	5.700	JE	INV. DOME	-22cc FF	9.0	8.5	7.8	○	●	●	○	○
35110	3.500	357	6.000	JE	INV. DOME	-26cc FF	9.0	8.5	7.8	●	○	●	○	○
35120	3.750	383	5.700	JE	INV. DOME	-31cc FF	9.0	8.5	7.8	○	○	●	○	○
35130	3.750	383	6.000	JE	INV. DOME	-28cc FF	9.2	8.7	7.9	●	○	●	○	●



Crankshaft rear flange being machined on Haas CNC lathe to ensure a precision fit of flex plate or flywheel.

Eagle Specialty Products reserves the right to substitute pistons due to availability, etc.

Eagle Specialty Products  
8530 Aaron Lane  
Southaven, MS 38671



# Chevy Small Block

## Chevrolet 350 2 piece rear seal

### Throttle Response Rotating Assemblies

“ESP” Competition Rotating Assemblies are composed of name-brand quality components. These kits are composed of an “ESP” 4340 Steel crankshaft, 3-D connecting rods with 7/16 ARP bolts, Clevite 77 race bearings, forged pistons from companies like Arias, JE, SRP, Mahle etc., and Plasma Moly File Fit Rings. These kits are specifically designed to reduce rotating mass of the crankshaft assembly, creating more throttle response. Designed for internal balance.

Crank	Rods	Max HP
4340	honda jrnl	700



KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO	BORE	SIZES AVAILABLE			
										64cc	STD	030	040
12071	3.500	357	5.700	Mahle	Flat	-5cc	FF	10.4		●	●	●	●
12076	3.500	357	6.000	Mahle	Flat	-5cc	FF	10.4		●	●	●	●
12073	3.500	357	6.125	Mahle	Flat	-5cc	FF	10.4		●	●	●	●
12074	3.750	383	5.700	Mahle	Flat	-5cc	FF	11.1		●	●	●	●
12075	3.750	383	6.000	Mahle	Flat	-5cc	FF	11.1		●	●	●	●

Eagle Specialty Products reserves the right to substitute pistons due to availability, etc.



Pendulum undercutting of crankshaft counter-weights on Haas CNC machining centers to reduce weight without affecting strength.

phone 662.796.7373  
 fax 662.796.7374  
 www.eaglerod.com  
 service@eaglerod.com

# Chevy Small Block

## Chevrolet 305 & 350 1 Piece Rear Seal Cast Steel Crankshafts

“ESP” Cast Steel Crankshafts offer an excellent alternative to reworking a factory cast crankshaft. Manufactured with 0.092” radius on all journals, rear seal and snout for added strength while still using OE style bearings. Each crankshaft is inspected for dimension, size, and stroke accuracy. Target bobweight is +/-2% GUARANTEED! Perfect for applications up to 500 HP. Lightening holes in every rod throw for further weight reduction. Approximate weight is 48-50 Lbs.

STROKE	PART NUMBER	BOBWEIGHT	NOTES
3.480	103523480	1855	Balanced to OE spec, use factory flex plate/ flywheel
3.750	103523750	1855	External Balance, not for use with LT1
3.750	103523750I	1855	Internal Balance, 5.850” or longer rod
3.750	10352375057I	1825	Internal Balance, 5.700” or longer rod
3.750	10352375057E	1855	Balance with factory LT1 flex plate/flywheel, 5.700” or longer rod

Splayed 4 Bolt Main Caps    EAGC4102S    Billet Steel, Converts 2 Bolt To 4 Bolt 350



## “ESP” Forged 4340 Crankshafts

“ESP” Forged 4340 Steel Crankshafts feature a non-twist forging and undergo a multi-stage heat treatment process as well as stress relieving, shot peening, and nitriding. They are magnafluxed and sonic tested to insure quality. We micro polish each journal to a 3 or better R.A. A 0.125” radius is used to increase strength, so chamfered bearings must be used. Lightening holes in every rod throw for weight reduction. All are internal balance.

STROKE	PART NUMBER	BOBWEIGHT	MIN. ROD LENGTH	
3.480	435334805700	1855	5.700	53-54 lbs
3.500	435335005700	1855	5.700	53-54 lbs
3.750	435337505700	1855	5.700	53-54 lbs
3.800	435338005700	1855	5.700	53-54 lbs
3.875	435338756000	1855	6.000	53-54 lbs
3.480	4353348057LA	1850	5.700	49 lbs
3.750	4353375057LA	1850	5.700	49 lbs



Splayed 4 Bolt Main Caps    EAGC4102S    Billet Steel, Converts 2 Bolt To 4 Bolt 350

Eagle Specialty Products  
8530 Aaron Lane  
Southaven, MS 38671

# Chevy Small Block

## Chevrolet 350/383 1 piece rear seal Street Performance Balanced Rotating Assemblies

Our Street Performance Balanced Rotating Assemblies offer the perfect balance of strength, performance, reliability and affordability. Each kit includes a cast steel crankshaft(internal balance), "SIR" I-beam connecting rods, Federal Mogul hypereutectic pistons, Perfect Circle rings, and Clevite 77 bearings. Street Performance assemblies are the perfect choice for engines up to 500 HP. These Kits are ONLY available balanced, sorry no substitutions. Externally balanced assemblies include flex plate and 383 external kits also include harmonic balancer.



## Chevrolet 350 1 piece rear seal Street Performance Balanced Rotating Assemblies.

Includes Flex plate (153 or 168 tooth) and pistons pressed on rods.

KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME RINGS	COMPRESSION RATIO	BORE SIZES AVAILABLE							
								58cc	64cc	76cc	STD	020	030	040	060
B13403L	3.480	355	5.700	FM	INV. DOME	-10cc	STD	9.9	9.3	8.3	●	●	●	●	●
B13402L	3.480	355	5.700	FM	FLAT	-5cc	STD	10.5	9.8	8.7	●	●	●	●	●



## Chevrolet 383 1 piece rear seal (external balance)

Street Performance Balanced Rotating Assemblies. Includes bushed rods, harmonic balancer and flexplate(153 or 168 tooth)

KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME RINGS	COMPRESSION RATIO	BORE SIZES AVAILABLE							
								58cc	64cc	76cc	STD	020	030	040	060
B13404L	3.750	383	5.700	FM	INV. DOME	-12cc	STD	10.5	9.9	8.8	●	●	●	●	●
B13405L	3.750	383	5.700	FM	FLAT	-5cc	STD	11.4	10.7	9.4	●	●	●	●	●



## Chevrolet 383 1 piece rear seal

Street Performance Balanced Rotating Assemblies (Internally balanced). Includes bushed rods

KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME RINGS	COMPRESSION RATIO	BORE SIZES AVAILABLE							
								58cc	64cc	76cc	STD	020	030	040	060
B13454L	3.750	383	5.700	FM	INV. DOME	-12cc	STD	10.5	9.9	8.8	●	●	●	●	●
B13455L	3.750	383	5.700	FM	FLAT	-5cc	STD	11.4	10.7	9.4	●	●	●	●	●

**These kits are only available BALANCED.**

Eagle Specialty Products reserves the right to substitute pistons due to availability, etc.

phone 662.796.7373  
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 www.eaglerod.com  
 service@eaglerod.com

# Chevy Small Block

## Chevrolet 305 & 350 1 piece rear seal

### Chevrolet Street & Strip Rotating Assemblies

Our Street & Strip Rotating Assemblies offer the perfect balance of strength, performance, reliability and affordability. Each kit includes: an "ESP" cast steel crankshaft, "SIR" I-beam connecting rods, forged pistons from companies like Arias, JE, SRP, Mahle, etc., premium moly rings, and Clevite 77 bearings. Street & Strip assemblies are the perfect choice for engines up to 500 HP.



<b>Crank</b>	<b>Rods</b>	<b>Max HP</b>
<b>CAST</b>	<b>I-BEAM</b>	<b>500</b>

KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO	BORE SIZES AVAILABLE				
								58cc 64cc 76cc	STD	020	030	040	060
Chevy 305 internal front/external rear balance													
13100L	3.480	305	5.700	KB	INV. DOME	-12cc	STD	9.2 8.6 7.7	●	●	●	●	●
13101L	3.480	305	5.700	KB	FLAT	-5cc	STD	10.0 9.3 8.2	●	●	●	●	●
Chevy 305 internal balance/ external rear													
13102L	3.750	334	5.700	KB	INV. DOME	-10cc	STD	10.1 9.4 8.3	●	●	●	●	●
Chevy 350 internal balance													
13020L	3.480	355	5.700	SRP	INV. DOME	-24cc	FF	9.0 8.5 7.6	●	●	●	●	●
13201L	3.480	355	5.700	KB	INV. DOME	-12cc	STD	10.3 9.6 8.5	●	●	●	●	●
13202L	3.480	355	5.700	KB	FLAT	-7cc	STD	10.9 10.2 8.9	●	●	●	●	●
13205L	3.480	355	6.000	KB	FLAT	-7cc	STD	10.9 10.2 8.9	●	●	●	●	●
13021L	3.480	355	5.700	SRP	FLAT	-5cc	FF	11.1 10.3 9.0	●	●	●	●	●
13022L	3.480	355	6.000	SRP	FLAT	-5cc	FF	11.1 10.3 9.0	●	●	●	●	●
Chevy 383 internal balance													
13054L	3.750	383	5.700	KB	INV. DOME	-18cc	STD	10.3 9.7 8.7	●	●	●	●	●
13051L	3.750	383	5.700	SRP	INV. DOME	-16cc	FF	10.4 9.8 8.7	●	●	●	●	●
13052L	3.750	383	6.000	SRP	INV. DOME	-16cc	FF	10.4 9.8 8.7	●	●	●	●	●
13055L	3.750	383	5.700	KB	FLAT	-7cc	STD	11.7 10.9 9.6	●	●	●	●	●
13056L	3.750	383	5.700	SRP	FLAT	-5cc	FF	11.8 11.0 9.7	●	●	●	●	●
13057L	3.750	383	6.000	SRP	FLAT	-5cc	FF	11.8 11.0 9.7	●	●	●	●	●
Chevy 383 external balance													
13004L	3.750	383	5.700	KB	INV. DOME	-18cc	STD	10.3 9.7 8.7	●	●	●	●	●
13001L	3.750	383	5.700	SRP	INV. DOME	-16cc	FF	10.4 9.8 8.7	●	●	●	●	●
13002L	3.750	383	6.000	SRP	INV. DOME	-16cc	FF	10.4 9.8 8.7	●	●	●	●	●
13005L	3.750	383	5.700	KB	FLAT	-7cc	STD	11.7 10.9 9.6	●	●	●	●	●
13006L	3.750	383	5.700	SRP	FLAT	-5cc	FF	11.8 11.0 9.7	●	●	●	●	●
13007L	3.750	383	6.000	SRP	FLAT	-5cc	FF	11.8 11.0 9.7	●	●	●	●	●

Internal balanced kits require flex plate with no weights or neutral flywheel (No counterweight).

Eagle Specialty Products reserves the right to substitute pistons due to availability, etc.

Eagle Specialty Products  
8530 Aaron Lane  
Southaven, MS 38671

# Chevy Small Block

## Chevrolet 305 & 350 1 piece rear seal

### Chevrolet Street & Strip Rotating Assemblies

Our Street & Strip Rotating Assemblies offer the perfect balance of strength, performance, reliability and affordability. Each kit includes: an "ESP" cast steel crankshaft, "SIR" I-beam connecting rods, forged pistons from companies like Arias, JE, SRP, Mahle, etc., premium rings, and Clevite 77 bearings. Street & Strip assemblies are the perfect choice for engines up to 500 HP.



Crank	Rods	Max HP
<b>CAST</b>	<b>I-BEAM</b>	<b>500</b>

# BALANCED

Balancer and flex plate included on externally balanced kits only!  
 DISH/DOME RINGS COMPRESSION RATIO BORE SIZES AVAILABLE

KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO	58cc	64cc	76cc	STD	020	030	040	060	
Chevy 305 internal front/external rear balance																	
B13100L	3.480	305	5.700	KB	INV. DOME	-12cc	STD	9.2	8.6	7.7	●	●	●	●	●		
B13101L	3.480	305	5.700	KB	FLAT	-5cc	STD	10.0	9.3	8.2	●	●	●	●	●		
Chevy 305 external balance																	
B13102L	3.750	334	5.700	KB	INV. DOME	-10cc	STD	10.1	10.2	8.3	●	●	●	●	●		
Chevy 350 internal balance/ external rear																	
B13202L	3.480	355	5.700	KB	FLAT	-7cc	STD	10.9	10.2	8.9	●	●	●	●	●		
B13205L	3.480	355	6.000	KB	FLAT	-7cc	STD	10.9	10.2	8.9	●	●	●	●	●		
B13021L	3.480	355	5.700	SRP	FLAT	-5cc	FF	11.1	10.3	9.0	●	●	●	●	●		
B13022L	3.480	355	6.000	SRP	FLAT	-5cc	FF	11.1	10.3	9.0	●	●	●	●	●		
Chevy 383 internal balance																	
B13054L	3.750	383	5.700	KB	INV. DOME	-18cc	STD	10.3	9.7	8.7	●	●	●	●	●		
B13051L	3.750	383	5.700	SRP	INV. DOME	-16cc	FF	10.4	9.8	8.7	●	●	●	●	●		
B13052L	3.750	383	6.000	SRP	INV. DOME	-16cc	FF	10.4	9.8	8.7	●	●	●	●	●		
B13055L	3.750	383	5.700	KB	FLAT	-7cc	STD	11.7	10.9	9.6	●	●	●	●	●		
B13056L	3.750	383	5.700	SRP	FLAT	-5cc	FF	11.8	11.0	9.7	●	●	●	●	●		
B13057L	3.750	383	6.000	SRP	FLAT	-5cc	FF	11.5	11.0	9.7	●	●	●	●	●		
Chevy 383 external balance																	
B13004L	3.750	383	5.700	KB	INV. DOME	-18cc	STD	10.3	9.7	8.7	●	●	●	●	●		
B13002L	3.750	383	6.000	SRP	INV. DOME	-16cc	FF	10.4	9.8	8.7	●	●	●	●	●		
B13005L	3.750	383	5.700	KB	FLAT	-7cc	STD	11.7	10.9	9.6	●	●	●	●	●		
B13006L	3.750	383	5.700	SRP	FLAT	-5cc	FF	11.8	11.0	9.7	●	●	●	●	●		
B13007L	3.750	383	6.000	SRP	FLAT	-5cc	FF	11.8	11.0	9.7	●	●	●	●	●		

Internal balanced kits require flex plate with no weights or neutral flywheel (No counterweight).

Eagle Specialty Products reserves the right to substitute pistons due to availability, etc.

phone 662.796.7373  
 fax 662.796.7374  
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 service@eaglerod.com

# Chevy Small Block

## Chevrolet 350 1 piece rear seal Pro Street Rotating Assemblies

Our Pro-Street assemblies feature the strength and durability of the Eagle 4340 steel crankshaft paired with the "SIR" I-Beam connecting rods. With a choice of hypereutectic or premium forged pistons, these assemblies can meet the demands of most street applications without the cost of full competition kits. Also included are Clevite race rod and main bearings and Perfect Circle or Mahle ring sets.



# NEW

Crank	Rods	Max HP
<b>4340</b>	<b>I-BEAM</b>	<b>500</b>

KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO		BORE SIZES AVAILABLE			
								64cc	76cc	020	030	040	060
10529	3.480	355	5.700	Mahle	INV. DOME	-20cc	FF	8.9	8.0	○	●	●	●
10601	3.480	355	5.700	KB	INV. DOME	-12cc	STD	9.6	8.5	●	●	●	●
10621	3.480	355	5.700	FM	INV. DOME	-10cc	STD	9.8	8.7	●	●	●	●
10602	3.480	355	5.700	KB	FLAT	-7cc	STD	10.2	8.9	●	●	●	●
10605	3.480	355	6.000	KB	FLAT	-7cc	STD	10.2	8.9	●	●	●	●
10608	3.480	355	6.200	KB	FLAT	-6cc	FF	10.3	9.1	●	●	●	●
10620	3.480	355	5.700	FM	FLAT	-5cc	STD	9.8	8.7	●	●	●	●
10501	3.480	355	5.700	Mahle	FLAT	-5cc	FF	10.3	9.1	○	●	●	●
10503	3.480	355	6.000	Mahle	FLAT	-5cc	FF	10.3	9.1	○	●	●	●
10506	3.750	383	5.700	Mahle	INV. DOME	-26cc	FF	9.0	8.1	○	●	●	●
10613	3.750	383	5.700	KB	INV. DOME	-18cc	STD	9.7	8.7	●	●	●	●
10507	3.750	383	5.700	SRP	INV. DOME	-16cc	FF	9.8	8.7	●	●	●	●
10510	3.750	383	6.000	Mahle	INV. DOME	-16cc	FF	9.8	8.7	○	●	●	●
10622	3.750	383	5.700	FM	INV. DOME	-12cc	STD	9.9	8.8	●	●	●	●
10614	3.750	383	5.700	KB	INV. DOME	-12cc	STD	10.3	9.1	●	●	●	●
10615	3.750	383	5.700	KB	FLAT	-7cc	STD	10.9	9.6	●	●	●	●
10623	3.750	383	5.700	FM	FLAT	-5cc	STD	10.7	9.4	●	●	●	●
10508	3.750	383	5.700	Mahle	FLAT	-5cc	FF	11.0	9.7	○	●	●	●
10511	3.750	383	6.000	Mahle	FLAT	-5cc	FF	11.0	9.7	○	●	●	●

Eagle Specialty Products reserves the right to substitute pistons due to availability, etc.

Eagle Specialty Products  
8530 Aaron Lane  
Southaven, MS 38671

# Chevy Small Block

## Chevrolet 350 1 piece rear seal Competition Rotating Assemblies

Our Competition Rotating Assemblies feature our premium forged 4340 H-beam rods with the strength and reliability of our forged 4340 steel crankshafts. Teamed with forged pistons from companies like Arias, JE, SRP, Mahle, etc. Also included are Clevite 77 race bearings and plasma-moly file fit rings. Optional ARP 2000 or L19 rod bolt upgrade is available to increase power-handling capabilities even further. All are designed for internal balance. Competition Assemblies are the perfect choice for the most demanding applications.



Crank	Rods	Max HP
<b>4340</b>	<b>H-BEAM</b>	<b>750-1500</b>

KIT#    STROKE    CID    ROD    PISTON    TYPE    DISH/DOME    RINGS    COMPRESSION RATIO    BORE SIZES AVAILABLE

KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO		BORE SIZES AVAILABLE				
								64cc	76cc	STD	020	030	040	060
12129	3.480	355	5.700	SRP	INV. DOME	-24cc	FF	8.5	7.6	●	●	●	●	●
12101	3.480	355	5.700	Mahle	FLAT	-5cc	FF	10.3	9.0	●	○	●	●	●
12103	3.480	355	6.000	Mahle	FLAT	-5cc	FF	10.3	9.0	●	●	●	●	●
12102	3.480	355	5.700	Mahle	DOME	+11cc	FF	12.7	10.8	○	○	●	●	●
12104	3.480	355	6.000	Mahle	DOME	+11cc	FF	12.7	10.8	○	○	●	●	●
12120	3.500	357	6.000	SRP	FLAT	-5cc	FF	10.3	9.0	●	●	●	●	●
12121	3.500	357	6.000	Mahle	DOME	+11cc	FF	12.7	10.8	○	○	●	●	●
12106	3.750	383	5.700	SRP	INV. DOME	-31cc	FF	8.5	7.7	●	●	●	●	●
12107	3.750	383	5.700	SRP	INV. DOME	-16cc	FF	9.8	8.7	●	●	●	●	●
12110	3.750	383	6.000	SRP	INV. DOME	-16cc	FF	9.8	8.7	●	●	●	●	●
12108	3.750	383	5.700	Mahle	FLAT	-5cc	FF	11.0	9.7	●	●	●	●	●
12125	3.750	383	5.850	SRP	FLAT	-5cc	FF	11.0	9.7	●	●	●	●	●
12111	3.750	383	6.000	Mahle	FLAT	-5cc	FF	11.0	9.7	●	●	●	●	●
new 12109	3.750	383	5.700	SRP	DOME	+7cc	FF	12.9	11.0	●	●	●	●	●
new 12135	3.750	383	5.700	Mahle	DOME	+11cc	FF	13.7	11.7	○	○	●	●	●
12112	3.750	383	6.000	SRP	DOME	+7cc	FF	12.9	11.0	●	●	●	●	●
new 12136	3.750	383	6.000	Mahle	DOME	+11cc	FF	13.7	11.7	○	○	●	●	●
12113	3.875	396	6.000	SRP	FLAT	-5cc	FF	11.4	9.9	○	○	●	○	○

Internal balanced kits require flex plate with no weights or neutral flywheel (No counterweight).

Eagle Specialty Products reserves the right to substitute pistons due to availability, etc.

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# Chevy Small Block

## Chevrolet 400

### Cast Steel Crankshafts

“ESP” Cast Steel Crankshafts offer an excellent alternative to reworking a factory cast crankshaft. Manufactured with 0.092” radius on all journals, rear seal and snout for added strength while still using OE style bearings. Each crankshaft is inspected for dimension, size, and stroke accuracy. Target bobweight is +/-2% GUARANTEED! Perfect for applications up to 500 HP. Lightening holes in every journal to reduce weight. Designed for external balance. Approximate weight is 50 Lbs.

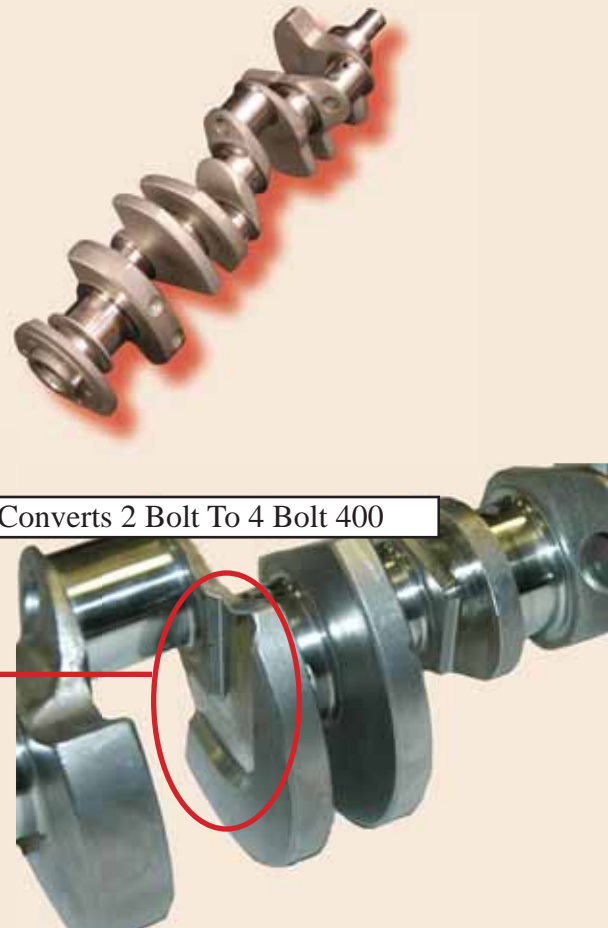
STROKE	PART NUMBER	BOBWEIGHT	MIN ROD LENGTH	NOTES
3.750	104003750	1860	5.565	Factory Balanced, use with factory Harmonic balancer & flex plate/flywheel
3.750	10400375057I	1860	5.700	Internal Balance
3.750	104003750I	1860	5.850	Internal Balance
Splayed 4 Bolt Main Caps		EAGC4103S	Billet Steel, Converts 2 Bolt To 4 Bolt 400	

new  
new

### “ESP” Forged 4340 Crankshafts

“ESP” Forged 4340 Steel Crankshafts feature a non-twist forging and undergo a multi-stage heat treatment process as well as stress relieving, shot peening, and nitriding. They are magnafluxed and sonic tested to insure quality. We micro polish each journal to a 3 or better R.A. A 0.125” radius is used to increase strength, so chamfered bearings must be used. Lightening holes in every journal to reduce weight. All are internal balance. Approx. weight is 53-57 Lbs

STROKE	PART NUMBER	BOBWEIGHT	MIN ROD LENGTH
3.480	440034805700	1900	5.700
3.562	440035625700	1900	5.700
3.625	440036255700	1900	5.700
3.750	440037505700	1900	5.700
3.800	440038006000	1900	6.000
3.875	440038755850	1900	5.850
3.875	440038756000	1900	6.000
4.000	440040006000	1900	6.000
4.125	440041256000	1875	6.000
Splayed 4 Bolt Main Caps		EAGC4103S	Billet Steel, Converts 2 Bolt To 4 Bolt 400



**Pendulum undercutting** is available on most Eagle crankshafts, reducing weight by approximately 3 pounds (minimal change to crankshaft bobweight)  
Part # P100

Eagle Specialty Products  
8530 Aaron Lane  
Southaven, MS 38671



# Chevy Small Block

## Chevrolet 400 Street Performance Balanced Rotating Assemblies

Our Street Performance Balanced Rotating Assemblies offer the perfect balance of strength, performance, reliability and affordability. Each kit includes a cast steel crankshaft, "SIR" I-beam connecting rods, Federal Mogul hypereutectic pistons, Perfect Circle rings, and Clevite 77 bearings. Street Performance assemblies are the perfect choice for engines up to 500 HP. These Kits are ONLY available balanced, sorry no substitutions. Externally balanced assemblies include flex plate and harmonic balancer.



**new**

Crank	Rods	Max HP
<b>CAST</b>	<b>I-BEAM</b>	<b>500</b>

KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME RINGS		COMPRESSION RATIO			BORE SIZES AVAILABLE				
								58cc	64cc	76cc	STD	020	030	040	060
Chevy 400 (external balance)								58cc	64cc	76cc	STD	020	030	040	060
B13460	3.750	406	5.700	FM	FLAT	-6cc	STD	11.6	10.8	9.6	●	●	●	●	●
Chevy 400 (internal balance)															
B13470	3.750	406	5.700	FM	FLAT	-6cc	STD	11.6	10.8	9.6	●	●	●	●	●

## Street and Strip Assemblies

Our Street & Strip Rotating Assemblies offer the perfect balance of strength, performance, reliability and affordability. Each kit includes: an "ESP" cast steel crankshaft, "SIR" I-beam connecting rods, either KB or premium forged pistons from companies like Arias, JE, SRP, Mahle, etc., Perfect Circle rings, and Clevite 77 bearings. Street & Strip assemblies are the perfect choice for engines up to 500 HP. Designed for external balance.

KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME RINGS		COMPRESSION RATIO			BORE SIZES AVAILABLE				
								58cc	64cc	76cc	STD	020	030	040	060
13008	3.750	406	5.700	KB	INV. DOME	-30cc	STD	9.6	9.1	8.3	●	●	●	●	●
13012	3.750	406	5.700	Forged	INV. DOME	-21cc	FF	10.4	9.8	8.7	●	●	●	●	○
13011	3.750	406	6.000	Forged	INV. DOME	-16cc	FF	11.0	10.3	9.2	●	●	●	●	○
13010	3.750	406	5.700	KB	FLAT	-7cc	STD	12.3	11.4	10.1	●	●	●	●	●
13014	3.750	406	5.700	Forged	FLAT	-5cc	FF	12.5	11.6	10.2	●	●	●	●	○
13015	3.750	406	6.000	Forged	FLAT	-5cc	FF	12.5	11.6	10.2	●	●	●	●	○

Eagle Specialty Products reserves the right to substitute pistons due to availability, etc.

## Chevy 400 Reference Chart

STROKE	BORE			
	4.125	4.155	4.165	4.185
3.000	372	377	379	383
3.250	381	386	388	392
3.350	388	393	395	399
3.480	400	406	409	413
3.500	414	420	422	426
3.562	428	434	436	440
3.625	441	447	450	454

Jeff Charles  
Eagle Specialty Products



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# Chevy Small Block

## Chevrolet 400 Competition Rotating Assemblies

CRANK	RODS	MAX HP
4340	H-BEAM	750-1500

Our Competition Rotating Assemblies feature our premium forged 4340 H-beam rods and 4340 steel crankshafts. Teamed with forged pistons from companies like Arias, JE, SRP, Mahle, etc., Also included are Clevite 77 race bearings and premium plasma-moly file fit rings. All are internal balance. Competition Assemblies are the perfect choice for the most demanding applications. All are designed for internal balance.



KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO		BORE SIZES AVAILABLE				
								64cc	76cc	STD	020	030	040	060
350 main journal size														
12606	3.480	377	5.700	SRP	DOME	+9cc	FF	13.0	11.2	○	○	●	●	○
12607	3.480	377	6.000	SRP	DOME	+9cc	FF	13.0	11.2	○	●	●	●	○
12620	3.500	379	6.000	JE	DOME	+13cc	FF	13.8	11.7	●	●	●	○	○
12622	3.625	388	6.000	JE	DOME	+10.5cc	FF	13.7	11.7	●	●	●	○	○
12600	3.750	406	5.700	SRP	INV. DOME	-21cc	FF	9.8	8.7	●	●	●	●	○
12608	3.750	406	6.000	SRP	INV. DOME	-16cc	FF	10.3	9.2	●	●	●	●	○
12603	3.750	406	6.000	JE	FLAT	-5cc	FF	11.4	10.1	●	●	●	●	○
12605	3.750	406	5.700	SRP	FLAT	-5cc	FF	11.4	10.1	●	●	●	●	○
12602	3.750	406	5.700	SRP	DOME	+4cc	FF	12.8	11.0	●	●	●	●	○
12604	3.750	406	6.000	JE	DOME	+3cc	FF	12.8	11.0	●	●	●	●	○
12143	3.750	406	6.125	JE	DOME	+3cc	FF	12.8	11.1	●	●	●	●	○
12127	3.875	420	6.000	JE	DOME	+3cc	FF	13.2	11.4	●	●	●	●	○
12117	4.000	434	6.000	JE	FLAT	-5cc	FF	12.2	10.7	○	○	●	●	●
12128	4.000	434	6.000	JE	DOME	+3cc	FF	13.5	11.6	●	●	●	●	○
400 main journal size														
12042	3.480	377	6.250	JE	DOME	+3cc	FF	11.4	9.9	●	●	●	●	○
12506	3.480	377	5.700	SRP	DOME	+9cc	FF	13.0	11.2	○	○	●	●	○
12507	3.480	377	6.000	SRP	DOME	+9cc	FF	13.0	11.2	○	●	●	●	○
12500	3.750	406	5.700	SRP	INV. DOME	-21cc	FF	9.8	8.7	●	●	●	●	○
12508	3.750	406	6.000	SRP	INV. DOME	-16cc	FF	10.3	9.2	●	●	●	●	○
12501	3.750	406	5.700	SRP	FLAT	-5cc	FF	11.6	10.2	●	●	●	●	○
12503	3.750	406	6.000	SRP	FLAT	-5cc	FF	11.6	10.2	●	●	●	●	○
12043	3.750	406	6.125	JE	DOME	+3cc	FF	12.2	10.7	●	●	●	●	○
12502	3.750	406	5.700	SRP	DOME	+4cc	FF	12.9	11.0	●	●	●	●	○
12504	3.750	406	6.000	SRP	DOME	+4cc	FF	12.9	11.0	●	●	●	●	○
12026	3.800	412	6.000	JE	DOME	+8cc	FF	13.8	11.8	●	●	●	●	○
12027	3.875	420	6.000	JE	DOME	+3cc	FF	13.2	11.4	●	●	●	●	○
* 12055	4.000	434	6.000	Mahle	INV. DOME	-20cc	FF	10.5	9.5	●	●	●	●	○
* 12056	4.000	434	6.000	Mahle	FLAT	-5cc	FF	12.3	10.7	●	●	●	●	○
12023	4.000	434	6.000	JE	FLAT	-5cc	FF	12.2	10.7	○	○	●	●	●
12028	4.000	434	6.000	JE	DOME	+3cc	FF	13.5	11.6	●	●	●	●	○
* 12057	4.000	434	6.000	Mahle	DOME	+4cc	FF	13.7	12.1	●	●	●	●	○

new  
new  
new

\* Include maximum clearance rods (CRS6000BST2000) w/ ARP 2000 bolts.  
Eagle Specialty Products reserves the right to substitute pistons due to availability, etc.

Eagle Specialty Products  
8530 Aaron Lane  
Southaven, MS 38671

# Chevy Small Block

## Chevrolet 400

### Forced Induction/ Nitrous Oxide Competition Rotating Assemblies

“ESP” Forced Induction / Nitrous Oxide Competition Rotating Assemblies are composed of quality components which are kept in stock for immediate shipping. These kits consist of an “ESP” 4340 Steel Crankshaft, 3-D connecting rods with ARP 2000 bolts or optional ARP L-19 bolts, Clevite 77 race bearings, forged pistons from companies like Arias, JE, SRP, Mahle, etc., and premium plasma moly File Fit Rings. All are designed for internal balance.



Crank	Rods	Max HP
<b>4340</b>	<b>H-BEAM</b>	<b>1100-1500</b>

KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO			BORE SIZES AVAILABLE				
								58cc	64cc	76cc	STD	020	030	040	060
35200	3.750	406	5.700	JE	INV. DOME	-36cc	FF	9.1	8.7	7.8	●	○	●	○	○
35210	3.750	406	6.000	JE	INV. DOME	-28cc	FF	9.6	9.2	8.3	●	○	●	●	○

### Hi-Compression Competition Rotating Assemblies

“ESP” Hi -Compression Competition Rotating Assemblies consist of name-brand quality components. These kits consist of an “ESP”4340 Steel Crankshaft, 3-D connecting rods with ARP L-19 bolts, Clevite 77 race bearings, premium forged pistons from companies like Arias, JE, SRP, Mahle, etc., and Plasma Moly File Fit Rings. These Kits are specifically designed for alcohol engines/ race fuel. All are designed for internal balance.



Crank	Rods	Max HP
<b>4340</b>	<b>H-BEAM</b>	<b>1100-1500</b>

KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO			BORE SIZES AVAILABLE				
								58cc	64cc	76cc	STD	020	030	040	060
35600	3.750	406	6.000	Forged	DOME	+3cc	FF	13.8	12.8	11.1	●	●	●	●	○
35610	3.750	406	6.000	JE	DOME	+8cc	FF	14.8	13.7	11.7	●	●	●	●	○
35620	3.800	412	6.000	Forged	DOME	+3cc	FF	13.9	12.9	11.2	●	○	●	○	○
35630	3.800	412	6.000	Forged	DOME	+8cc	FF	15.0	13.8	11.8	●	●	●	●	○
35640	3.875	420	6.000	JE	DOME	+3cc	FF	14.2	13.2	11.4	●	●	●	●	○
35650	3.875	420	6.000	JE	DOME	+8cc	FF	15.3	14.1	12.0	●	●	●	●	●
35660	4.000	434	6.000	Forged	DOME	+3cc	FF	14.6	13.5	11.6	●	●	●	●	○
35670	4.000	434	6.000	JE	DOME	+8cc	FF	15.7	14.5	12.4	●	●	●	●	●

Eagle Specialty Products reserves the right to substitute pistons due to availability, etc.

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# Chevrolet LS1/LS2/LS7/LSX

## Chevrolet LS1/LS2/LS7/LSX

### H-Beam Connecting Rods

“ESP” connecting rods are forged from 4340 steel and utilize ARP 7/16” (unless otherwise noted) capscrew style bolts with alignment sleeves for a perfect fit. Packaged in weight-matched sets (+/-1g). Sizing is done on the state of the art Sunnen Krossgrinding™ System. “ESP” connecting rods are the perfect choice for engines up to 700 HP.



STROKE	PART NUMBER	WEIGHT	NOTES		
6.100	CRS6100L3D	650	Uses 0.927” piston pin / on center		
6.100	CRS6100M3D	620	Uses 0.945” piston pin / on center		
6.125	CRS6125O3D	620	Uses 0.927” piston pin / on center		
6.200	CRS6200O3D	650	Uses 0.927” piston pin / on center		
6.460	CRS6460O3D2000	call	Uses 0.927” piston pin / on center	1100hp	ARP 2000
6.460	CRS6460H3D2000	call	Honda Journal / on center .927 pin	1100hp	ARP 2000
6.560	CRS6560O3D2000	650	Uses 0.927” piston pin/7/16” bolts / on center	1100hp	ARP 2000
6.560	CRS6560H3D2000	call	Honda Journal / on center .927 pin	1100hp	ARP 2000

### “ESP” Forged 4340 Crankshafts

“ESP” Forged 4340 Steel Crankshafts feature a non-twist forging and undergo a multi-stage heat treatment process as well as stress relieving, shot peening, and nitriding. They are magnafluxed and sonic tested to insure quality. We micro polish each journal to a 3 or better R.A. A 0.125” radius is used to increase strength, so chamfered bearings must be used. Roller pilot bearing included in crankshaft. 2005 and later must use OE style bearing. Lightening holes in every rod throw for weight reduction. All are designed for internal balance.

STROKE	PART NUMBER	BOBWEIGHT	MIN ROD LENGTH	NOTES
Is1/Is2(up to early 2005), Is6, Iq9 w/ 24 tooth reluctor. Approx. 54lbs. SHORT SNOUT				
3.622	434636226100	1800	6.100	
4.000	434640006100	1800	6.125	
4.100	434641006100	1800	6.125	
4.125	434641256100	1800	6.125	new
4.250	434642506560	1800	6.460	For Tall Deck Blocks
4.375	434643756460	----	6.460	new Honda Jrnl for tall deck blocks
Is2(late 2005 and up), Iq9 w/ 58 tooth reluctor. Approx. 54 lbs. SHORT SNOUT				
3.622	434736226100	1800	6.100	
4.000	434740006100	1800	6.125	
4.100	434741006100	1800	6.125	
4.125	434741256100	1800	6.125	new
4.250	434742506560	1800	6.460	For Tall Deck Blocks
4.375	434743756460	----	6.460	new Honda Jrnl for tall deck blocks
Is7, Isx w/ 58 tooth reluctor. LONG SNOUT				
4.000	442740006100	1800	6.125	
4.100	442741006100	1800	6.125	
4.125	442741256100	1800	6.125	new
4.250	442742506460	1800	6.460	For Tall Deck Blocks
4.375	442743756460	----	6.460	new Honda Jrnl for tall deck blocks



Crankshafts with reluctor rings feature O/E style reluctor ring installed and checked for runout prior to packaging. If you have Eagle balance your assembly, you can be assured that the reluctor ring will not be damaged due to the extra handling.

Eagle Specialty Products  
8530 Aaron Lane  
Southaven, MS 38671

# Chevy LS1/LS2/LQ9

## Chevrolet LS1/LS2/LSX Competition Rotating Assemblies



Our Competition Rotating Assemblies feature our premium forged 4340 H-beam rods and 4340 steel crankshafts. Teamed with premium forged pistons from companies like Arias, JE, SRP, Mahle, etc. Also included are Clevite 77 race bearings and plasma-moly rings. All are designed for internal balance. Competition Assemblies are the perfect choice for the most demanding applications. All are designed for internal balance.

Crank	Rods	Max HP
<b>4340</b>	<b>H-BEAM</b>	<b>750-1500*</b>

\*with heavy duty bolt upgrade

KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO		BORE SIZES AVAILABLE				
								66cc	72cc	3.905	4.005	4.030	4.060	4.125
LS1, LS6, LSX - 24 tooth reluctor								66cc	72cc	3.905	4.005	4.030	4.060	4.125
12800	3.622	347	6.125	JE	FLAT	-2cc	FF	10.2	9.5	●	○	○	○	○
12804	4.000	383	6.200	Arias	FLAT	-2cc	FF	11.0	10.4	●	○	○	○	○
12806	4.100	393	6.200	Arias	FLAT	-2cc	FF	11.2	10.6	●	○	○	○	○
12807	4.125	395	TBA	Arias	INV.DOME	TBA	FF	—	—	—	—	—	—	—
12808	4.125	395	TBA	Arias	FLAT	TBA	FF	—	—	—	—	—	—	—
LQ9, LS2 (up to early 2005), LSX - 24 tooth reluctor (6.0L Iron/Aluminum)														
12822	4.000	408	6.125	Arias	INV. DOME	-29cc	FF	9.0	8.6	○	●	●	●	●
12826	4.000	408	6.125	Arias	FLAT	-4.5cc	FF	11.3	10.6	○	●	●	○	●
12828	4.100	418	6.125	Arias	INV.DOME	-29cc	FF	9.3	8.8	○	●	●	○	○
12824	4.100	418	6.125	Arias	FLAT	-2cc	FF	11.4	10.7	○	●	●	○	○
12834	4.125	421	TBA	Arias	INV.DOME	TBA	FF	—	—	—	—	—	—	—
12830	4.125	421	TBA	Arias	FLAT	TBA	FF	—	—	—	—	—	—	—
LS2 (late 2005 and up), LSX - 58 tooth reluctor														
12823	4.000	408	6.125	Arias	INV. DOME	-29cc	FF	9.0	8.6	○	●	●	●	●
12827	4.000	408	6.125	Arias	FLAT	-4.5cc	FF	11.3	10.6	○	●	●	○	●
12836	4.100	418	6.125	Arias	INV. DOME	-29cc	FF	9.3	8.8	○	●	●	○	○
12825	4.100	418	6.125	Arias	FLAT	-4.5cc	FF	11.4	10.7	○	●	●	○	○
12831	4.125	421	TBA	Arias	INV.DOME	TBA	FF	—	—	—	—	—	—	—
12832	4.125	421	TBA	Arias	FLAT	TBA	FF	—	—	—	—	—	—	—

See LS1 reference chart on page 38

Eagle Specialty Products reserves the right to substitute pistons due to availability, etc.

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# Chevy LS7/LSX

## Chevrolet LS7/LSX

### Competition Rotating Assemblies

Our Competition Rotating Assemblies feature our premium forged 4340 H-beam rods and 4340 steel crankshafts. Teamed with premium forged pistons from companies like Arias, JE, SRP, Mahle, etc. Also included are Clevite 77 race bearings and plasma-moly rings. All are designed for internal balance. Competition Assemblies are the perfect choice for the most demanding applications. All are designed for internal balance.



### LS7-LSX Stroker Kits (long crank snout)

KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO	BORE SIZES AVAILABLE					
								66cc	72cc	4.005	4.030	4.060	4.125	
LS7, LSX - 9.240 STD Deck - 58 tooth Reluctor														
12833	4.000	408	6.125	Arias	INV.DOME	-29cc	FF	9.2	8.6	●	●	●	●	
12837	4.000	408	6.125	Arias	FLAT	-4.5cc	FF	11.5	10.6	●	●	○	●	
12839	4.100	418	6.125	Arias	INV.DOME	-29cc	FF	9.3	8.8	●	●	○	○	
12835	4.100	418	6.125	Arias	FLAT	-4.5cc	FF	11.9	11.1	●	●	○	○	
12840	4.125	421	TBA	Arias	INV.DOME	TBA	FF	—	—	—	—	—	—	
12841	4.125	421	TBA	Arias	FLAT	TBA	FF	—	—	—	—	—	—	
LSX, - 9.700 Tall Deck - 58 Tooth Reluctor														
12860	4.250	434	6.460	Arias	INV.DOME	-29cc	FF	9.6	—	●	●	●	●	
12861	4.250	434	6.460	Arias	FLAT	-4cc	FF	12.4	—	●	●	○	●	
12862	4.375	446	6.460	Arias	INV.DOME	TBA	FF	—	—	—	—	—	—	
12863	4.375	446	6.460	Arias	FLAT	TBA	FF	—	—	—	—	—	—	
World Products Warhawk - 9.800 Tall Deck - 58 tooth Reluctor														
12870	4.250	434	6.560	Arias	INV.DOME	-29cc	FF	9.6	—	●	●	●	●	
12871	4.250	434	6.560	Arias	FLAT	-4cc	FF	12.4	—	●	●	○	●	
12872	4.375	446	6.560	Arias	INV.DOME	TBA	FF	—	—	—	—	—	—	
12873	4.375	446	6.560	Arias	FLAT	TBA	FF	—	—	—	—	—	—	

Eagle Specialty Products reserves the right to substitute pistons due to availability, etc.

### LS1 Reference Chart

Stroke	BORE				
	3.905	4.005	4.030	4.060	4.125
3.622	347	365	370	375	388
4.000	383	403	408	414	427
4.100	393	413	418	425	438
4.125	395	416	421	427	441
4.250	407	428	434	440	454
4.375	419	441	446	453	468

Eagle Specialty Products  
8530 Aaron Lane  
Southaven, MS 38671

# Chevy Big Block

## Chevrolet 396, 402, 427, 454, & 502 "SIR" I-Beam Connecting Rods

"SIR" connecting rods are forged from 5140 steel and utilize ARP 7/16" capscrew-style bolts with alignment sleeves for a perfect fit and easier assembly. Packaged in weight-matched sets (+/- 2g). Sizing is performed by in-house CNC equipment. "SIR" connecting rods are the perfect choice for engines up to 700 HP.



LENGTH	PART NUMBER	WEIGHT	NOTES
6.135	SIR6135P	830	Press fit
6.135	SIR6135B	830	Bushed
6.385	SIR6385B	840	Bushed
Pin Bushing	EAGB992		Each
Rod Bolts	EAG12080		Set of 16 <b>ARP 8740</b>
Alignment Sleeves	EAG10000		Each

## "ESP" H-Beam Connecting Rods

"ESP" connecting rods are forged from 4340 steel and utilize ARP 7/16" capscrew-style bolts with alignment sleeves for a perfect fit. Packaged in weight-matched sets (+/- 1g). Sizing is done on the state of the art Sunnen Krossgrinding™ system.

The perfect choice for engines up to 850 HP. All use a 0.990" piston pin.

LENGTH	PART NUMBER	WEIGHT	NOTES
6.135	CRS61353D	780	Stock length 396, 427, 454, 502
6.385	CRS63853D	785	+.250"
<b>new</b> 6.385	CRS6385B3D	705	For 2.100" crank pin
6.535	CRS65353D	805	+.400"
6.635	CRS66353D	810	+.500"
6.660	CRS66603D	call	+.525"
6.700	CRS67003D	815	+.565"
6.800	CRS68003D	820	+.665"
7.100	CRS7100C3D	840	1.007" big end width
<b>Extreme duty bolt upgrades</b>			
6.135	CRS61353D2000	775	up to 1200 HP <b>ARP 2000</b>
6.135	CRS61353DL19	775	up to 1500 HP <b>ARP L19</b>
6.385	CRS63853D2000	785	up to 1200 HP <b>ARP 2000</b>
6.385	CRS63853DL19	785	up to 1500 HP <b>ARP L19</b>
6.535	CRS65353D2000	795	up to 1200 HP <b>ARP 2000</b>
6.535	CRS65353DL19	795	up to 1500 HP <b>ARP L19</b>
6.700	CRS67003DL19	805	up to 1500 HP <b>ARP L19</b>
6.800	CRS68003D2000	815	up to 1200 HP <b>ARP 2000</b>
6.800	CRS68003DL19	815	up to 1500 HP <b>ARP L19</b>
Pin Bushings	EAGB990		Each
Rod Bolts	EAG12080		Set of 16 <b>ARP 8740</b>
Rod Bolts	EAG20030		Set of 16 <b>ARP 2000</b>
Rod Bolts	EAG14020		Set of 16 <b>ARP L19</b>
Alignment Sleeves	EAG10000		Each



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 service@eaglerod.com

# Chevy Big Block

## Chevrolet 396 & 427 2 piece rear seal "ESP" Forged 4340 Crankshafts

"ESP" Forged 4340 Steel Crankshafts feature exceptional strength at a reasonable price. Our cranks are forged in a non-twist forging and undergo a multi-stage heat treatment process as well as stress relieving, shot peening, and nitriding. They are magnafluxed and sonic tested to insure quality. We micro polish each journal to a 3 or better R.A. On every journal, a 0.125" radius is used to increase strength, so chamfered bearings must be used. The perfect choice for engines up to 1500 HP! Lightening holes in each rod throw for reduced weight. All are designed for internal balance.



STROKE	PART NUMBER	BOBWEIGHT	MIN. ROD LENGTH	NOTES
3.766	439637666135	2350	6.135	Approximate weight is 70 lbs.
Rear Seal Adapter	EAG500			Allows use of 2 piece rear seal crank in Mk V & VI blocks
Steel Main Caps	EAG4107S			4130 Steel, converts 2 bolt mains to 4 bolt mains

## Chevy 409

STROKE	PART NUMBER	BOBWEIGHT	MIN. ROD LENGTH
4.000	440940026135	2350	6.135



## Chevrolet 454 & 502 2 piece rear seal "ESP" Cast Steel Crankshafts

"ESP" Cast Steel Crankshafts offer an excellent alternative to reworking a factory cast crankshaft. They are manufactured with 0.092" radius on all journals, rear seal and snout for added strength while still using OE style bearings. Each crankshaft is inspected for dimension, size, and stroke accuracy. Target bobweight is +/- 2% GUARANTEED! Recommended in applications up to 700 HP. All are external balance. Lightening holes in each rod throw for reduced weight. Approximate weight is 62-65 Lbs.



STROKE	PART NUMBER	BOBWEIGHT	MIN. ROD LENGTH	NOTES
4.000	104544000	2350	6.135	Factory Balance
4.250	104544250	2420	6.385	
Rear Seal Adapter	EAG500			Allows use of 2 piece rear seal crank in Mk V & VI blocks
Steel Main Caps	EAG4107S			4130 Steel, converts 2 bolt mains to 4 bolt mains

Eagle Specialty Products  
8530 Aaron Lane  
Southaven, MS 38671



# Chevy Big Block

## Chevrolet 454 & 502 2 piece rear seal "ESP" Forged 4340 Crankshafts

"ESP" Forged 4340 Steel Crankshafts feature a non-twist forging and undergo a multi-stage heat treatment process as well as stress relieving, shot peening, and nitriding. They are magnafluxed and sonic tested to insure quality. We micro polish each journal to a 3 or better R.A. On every journal, a 0.125" radius is used to increase strength, so chamfered bearings must be used. The perfect choice for engines up to 1500 HP! These early style two piece rear seal crankshafts are internal balance. Approximate weight is 72 Lbs, 78 Lbs for center counterweight. Lightening holes in each rod throw to reduce weight.



STROKE	PART NUMBER	BOBWEIGHT	MIN. ROD LENGTH	NOTES	
4.000	445440026135	2350	6.135		
4.250	445442526385	2300	6.385	Center Counterweight	
4.375	445443756385	2300	6.385	Center Counterweight	
4.500	445445006535	2350	6.535	Center Counterweight	
new	4.750	450247506600	call	6.660	Center Counterweight
	Standard oiling				
4.000	445440036135	2350	6.135		
4.250	445442536385	2300	6.385	Center Counterweight	
4.375	445443766385	2300	6.385	Center Counterweight	
4.500	445445016535	2350	6.535	Center Counterweight	
Rear Seal Adapter		EAG500	Allows use of 2 piece rear seal crank in Mk V & VI blocks mains to 4 bolt mains		
Steel Main Caps		EAG4107S	4130 Steel, converts 2 bolt mains to 4 bolt mains		

## "ESP" Lightweight 4340 Crankshafts

"ESP" Forged 4340 Steel Crankshafts feature exceptional strength and unsurpassed quality at a reasonable price. Approximate weight is 66-69 Lbs.



STROKE	PART NUMBER	BOBWEIGHT	MIN. ROD LENGTH	NOTES
4.250	445442546385	2350	6.385	
Standard oiling				
4.000	445440056135	2350	6.135	
4.250	445442556385	2350	6.385	
4.250	445442552100	2140	6.385	2.100" rod journal , Use CRS6385B3D
Steel Main Caps		EAG4107S	4130 Steel, converts 2 bolt mains to 4 bolt mains	

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# Chevy Big Block

## Chevrolet 454 2 piece rear seal

**Pendulum undercutting** is available on most Eagle crankshafts, reducing weight by approximately 3 pounds (minimal change to crankshaft bobweight)  
Part # P100



## Street Performance Balanced Rotating Assemblies

Our Street Performance Balanced Rotating Assemblies offer the perfect balance of strength, performance, reliability and affordability. Each kit includes a cast steel crankshaft, "SIR" I-beam connecting rods, Federal Mogul hypereutectic pistons, Perfect Circle rings, and Clevite 77 bearings. Street Performance assemblies are the perfect choice for engines up to 700 HP. These Kits are ONLY available balanced, sorry no substitutions.



KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO			BORE SIZES AVAILABLE					
								112cc	118cc	124cc	STD	020	030	040	060	100
B18400	4.000	454	6.135	FM	FLAT	-2cc	STD	8.4	8.1	7.8	●	●	●	●	●	●
B18401	4.000	454	6.135	FM	DOMED	22cc	STD	10.1	9.6	9.2	●	●	●	●	●	●

Eagle Specialty Products  
8530 Aaron Lane  
Southaven, MS 38671

# Chevy Big Block

## Chevrolet 454 2 piece rear seal Street & Strip Rotating Assemblies

Our Street and Strip Rotating Assemblies feature our affordable I-Beam rods with our cast steel crankshafts. Included are premium pistons from companies like Arias, JE, KB, SRP, Mahle, etc. Also included are Clevite 77 bearings and premium moly rings in either standard or file fit. All are designed for external balance. Street and Strip Assemblies are the perfect choice for engines up to 700 HP.



Crank	Rods	Max HP
<b>CAST</b>	<b>I-BEAM</b>	<b>700</b>

KIT# STROKE CID ROD PISTON TYPE DISH/DOME RINGS COMPRESSION RATIO BORE SIZES AVAILABLE  
112cc 118cc 124cc STD 030 060 070 100

KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO			BORE SIZES AVAILABLE				
								112cc	118cc	124cc	STD	030	060	070	100
18000	4.000	460	6.135	SRP	FLAT	-3cc	FF	9.0	8.5	8.0	○	●	●	●	●
18200	4.000	460	6.135	KB	FLAT	-3cc	STD	9.0	8.5	8.0	●	●	●	●	●
18004	4.000	460	6.385	SRP	FLAT	-3cc	FF	9.0	8.5	8.0	○	●	●	●	●
18201	4.000	460	6.135	KB	DOME	+12cc	STD	9.7	9.1	8.8	●	●	●	●	●
18001	4.000	460	6.135	SRP	DOME	+14cc	FF	9.7	9.2	8.8	○	●	●	●	○
18202	4.000	460	6.135	KB	DOME	+25.5cc	STD	10.7	10.2	9.7	●	●	●	●	●
18002	4.000	460	6.135	SRP	DOME	+23cc	FF	10.6	10.1	9.6	○	●	●	●	●
18005	4.000	460	6.385	SRP	DOME	+26cc	FF	10.9	10.3	9.8	○	●	●	●	●
18020	4.250	489	6.385	SRP	FLAT	-3cc	FF	9.1	8.7	8.4	●	●	●	●	●
18021	4.250	489	6.385	KB	FLAT	-3cc	FF	9.5	9.1	8.7	○	●	●	●	●
18022	4.250	489	6.385	SRP	DOME	+18cc	FF	10.7	10.2	9.7	○	●	●	●	●

Eagle Specialty Products reserves the right to substitute pistons due to availability, pricing, etc.



Jeff Moll of Race Parts Direct  
Chevrolet Impala  
using Eagle 4340 Crank and ESP H-beam  
rods with L19 bolts.

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# Chevy Big Block

## Chevrolet 454 2 piece rear seal Competition Rotating Assemblies

Our Competition Rotating Assemblies feature the strength of our H-beam rods with the dependability of our forged 4340 steel crankshafts. Included are premium forged pistons from companies like Arias, JE, SRP, Mahle, etc. Also included are Clevite 77 bearings and premium file fit plasma moly rings. All are designed for internal balance. Competition Assemblies are the perfect choice for the most demanding applications. Standard bore is 4.250". All are designed for internal balance.



Crank	Rods	Max HP
<b>4340</b>	<b>H-BEAM</b>	<b>850-1500</b>

KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO			BORE SIZES AVAILABLE						
								112cc	118cc	124cc	STD	030	060	070	100		
Standard Short Deck																	
11000	4.000	460	6.135	SRP	FLAT	-3cc	FF	9.0	8.5	8.3	○	●	●	●	●		
11004	4.000	460	6.385	SRP	FLAT	-3cc	FF	9.0	8.5	8.3	○	●	●	●	●		
11001	4.000	460	6.135	SRP	DOME	+14cc	STD	9.9	9.3	9.1	○	●	●	●	●		
11002	4.000	460	6.135	SRP	DOME	+26cc	FF	10.9	10.3	9.8	○	●	●	●	●		
11005	4.000	460	6.385	SRP	DOME	+26cc	FF	10.9	10.3	9.8	○	●	●	●	●		
11003	4.000	460	6.135	SRP	DOME	+48cc	FF	13.9	12.9	12.1	○	●	●	●	●		
11006	4.000	460	6.385	SRP	DOME	+48cc	FF	13.9	12.9	12.1	○	●	●	●	●		
11007	4.000	460	6.535	SRP	DOME	+48cc	FF	13.7	12.8	11.9	○	●	●	●	●		
11011	4.250	489	6.385	SRP	FLAT	-3cc	FF	9.5	9.1	8.7	○	●	●	●	●		
11012	4.250	489	6.385	SRP	DOME	+18cc	FF	10.7	10.2	9.7	○	●	●	●	●		
11013	4.250	489	6.385	SRP	DOME	+43cc	FF	13.8	12.7	11.8	○	●	●	●	●		
11014	4.375	511	6.385	SRP	DOME	+18cc	FF	11.0	10.5	10.0	○	●	●	○	○		
11016	4.375	511	6.385	SRP	DOME	+41cc	FF	13.7	12.8	11.9	○	○	●	○	○		
11711	4.250	489	6.385	SRP	FLAT	-3cc	FF	9.5	9.1	8.7	○	●	●	●	●		*
11712	4.250	489	6.385	SRP	DOME	+18cc	FF	10.7	10.2	9.7	○	●	●	●	●		*
11713	4.250	489	6.385	SRP	DOME	+43cc	FF	13.8	12.7	11.8	○	●	●	●	●		*
Tall Deck																	
11508	4.250	489	6.535	SRP	FLAT	-3cc	FF	9.5	9.1	8.4	○	●	●	●	●		
11509	4.250	489	6.535	SRP	DOME	+17cc	FF	10.6	10.1	9.4	○	●	●	●	●		
11512	4.250	489	6.800	SRP	DOME	+18cc	FF	10.9	10.4	9.7	○	●	●	●	●		
11510	4.250	489	6.535	SRP	DOME	+43cc	FF	13.8	12.9	12.1	○	●	●	●	●		
11513	4.250	489	6.800	SRP	DOME	+43cc	FF	14.0	12.9	11.8	○	●	●	●	●		
11518	4.500	518	6.700	SRP	DOME	+48cc	FF	15.3	14.3	12.6	○	●	●	●	●		

Steel Main Caps	EAG4107S	4130 Steel, converts 2 bolt mains to 4 bolt mains
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\* Reduced Bobweight Assemblies with 2.100 Journals

Eagle Specialty Products reserves the right to substitute pistons due to availability, etc.

Eagle Specialty Products  
8530 Aaron Lane  
Southaven, MS 38671

# Chevy Big Block

## Chevrolet 454 2 piece rear seal

### Forced Induction/ Nitrous Oxide Competition Rotating Assemblies

Our Competition Rotating Assemblies feature the strength of our H-beam rods with the dependability of our forged 4340 steel crankshafts. Included are premium forged pistons from companies like Arias, JE, SRP, Mahle, etc. Also included are Clevite 77 bearings and premium moly file fit rings. All are designed for internal balance. Competition Assemblies are the perfect choice for the most demanding applications. Standard bore is 4.250". All are designed for internal balance.

These special assemblies feature ARP 2000 bolts



Crank	Rods	Max HP
<b>4340</b>	<b>H-BEAM</b>	<b>1500</b>

KIT#	STROKE	CID	R/D	PISTON	TYPE	DISH/DOME RINGS	COMPRESSION RATIO	BORE SIZES AVAILABLE							
Chevy standard deck 454							112cc 118cc 124cc	STD	030	060	070	100			
35300	4.000	460	6.385	JE	INV. DOME	-14.5cc	FF	7.9	7.7	7.4	○	○	●	○	○
Chevy standard deck 502								4.470	4.500	4.530	4.560	4.600			
35400	4.000	509	6.385	JE	INV. DOME	-28cc	FF	7.9	7.7	7.4	○	●	●	●	●
35410	4.250	541	6.385	JE	INV. DOME	-20cc	FF	8.7	8.4	8.2	○	●	●	●	●

## Hi-Compression Rotating Assemblies

These special Competition Rotating Assemblies feature ARP L19 or 2000 bolts. Standard bore is 4.250" for 454, and 4.470" for 502.



Crank	Rods	Max HP
<b>4340</b>	<b>H-BEAM</b>	<b>1500</b>

KIT#	STROKE	CID	R/D	PISTON	TYPE	DISH/DOME RINGS	COMPRESSION RATIO	BORE SIZES AVAILABLE							
Chevy standard deck 454							112cc 118cc 124cc	STD	030	060	070	100			
35700	4.250	489	6.385	mahle	DOME	+43cc	FF	14.3	13.0	12.2	○	●	●	●	●
35710	4.250	489	6.535	JE	DOME	+44cc	FF	14.3	13.0	12.2	○	●	●	●	●
Chevy standard deck 502								4.470	4.500	4.530	4.560	4.600			
35720	4.250	541	6.385	JE	DOME	+37cc	FF	14.3	13.1	12.4	○	●	●	●	●
35730	4.250	541	6.535	JE	DOME	+40cc	FF	14.8	13.5	12.7	○	●	●	●	●

Eagle Specialty Products reserves the right to substitute pistons due to availability, etc.

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# Chevy Big Block

## Chevrolet 502 2 piece rear seal Competition Rotating Assemblies

Our Competition Rotating Assemblies feature the strength of our H-beam rods with the dependability of our forged 4340 steel crankshafts. Included are forged pistons from companies like Arias, JE, SRP, Mahle, etc. Also included are Clevite 77 bearings and premium moly file fit rings. All are designed for internal balance. Competition Assemblies are the perfect choice for the most demanding applications. All are designed for internal balance.



Crank	Rods	Max HP
<b>4340</b>	<b>H-BEAM</b>	<b>850-1500</b>

KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO			BORE SIZES AVAILABLE				
Standard short deck								112cc	118cc	124cc	4.470	4.500	4.530	4.560	4.600
11616	4.000	509	6.135	JE	INV. DOME	-11.5cc	FF	8.7	8.4	8.1	○	●	●	○	○
11600	4.000	509	6.135	SRP	FLAT	-3cc	FF	9.7	9.3	8.9	●	●	●	○	○
11604	4.000	509	6.385	SRP	FLAT	-3cc	FF	9.7	9.3	8.9	○	●	●	○	○
11601	4.000	509	6.135	SRP	DOME	+17cc	FF	10.7	10.0	9.5	●	●	●	○	○
11605	4.000	509	6.385	SRP	DOME	+17cc	FF	10.8	10.3	9.8	●	●	●	○	○
11603	4.000	509	6.135	SRP	DOME	+41/+39cc	FF	13.9	12.9	11.8	●	●	●	●	○
11606	4.000	509	6.385	SRP	DOME	+41/+39cc	FF	13.9	12.9	11.8	●	●	●	●	●
11614	4.000	509	6.535	SRP	DOME	+41/+39cc	FF	13.9	12.9	11.8	●	●	●	●	●
11610	4.250	540	6.385	SRP	FLAT	-3cc	FF	10.2	9.8	9.4	●	●	●	○	○
11611	4.250	540	6.385	SRP	DOME	+10cc	FF	10.8	10.3	9.9	●	●	●	●	○
11612	4.250	540	6.385	SRP	DOME	+36cc	FF	13.9	12.8	12.0	●	●	●	●	●
11613	4.250	540	6.535	SRP	DOME	+36cc	FF	13.9	12.8	12.0	●	●	●	○	○
11617	4.375	557	6.385	SRP	DOME	+8cc	FF		12.8						
11618	4.375	557	6.385	SRP	DOME	+34cc	FF		12.8						
Tall deck															
11916	4.000	509	6.535	JE	INV. DOME	-11.5cc	FF	8.7	8.4	8.1	○	●	●	○	○
11900	4.000	509	6.535	SRP	FLAT	-3cc	FF	9.7	9.3	8.9	●	●	●	○	○
11901	4.000	509	6.585	SRP	DOME	+17cc	FF	10.7	10.0	9.5	●	●	●	○	○
11905	4.000	509	6.800	SRP	DOME	+17cc	FF	10.8	10.3	9.8	●	●	●	○	○
11903	4.000	509	6.535	SRP	DOME	+41/+39cc	FF	13.9	12.9	11.8	●	●	●	○	○
11906	4.000	509	6.835	SRP	DOME	+41/+39cc	FF	13.9	12.9	11.8	●	●	●	●	●
11917	4.250	540	6.535	JE	INV. DOME	-20cc	FF	8.7	8.4	8.1	○	●	●	●	●
11910	4.250	540	6.535	SRP	FLAT	-3cc	FF	10.3	9.9	9.5	○	●	●	○	○
11911	4.250	540	6.535	SRP	DOME	+6cc	FF	10.5	10.1	9.7	●	●	●	○	○
11913	4.250	540	6.800	SRP	DOME	+10cc	FF	10.8	10.3	9.9	●	●	●	●	○
11912	4.250	540	6.535	SRP	DOME	+36cc	FF	13.9	12.8	12.0	○	●	●	○	○
11914	4.250	540	6.800	SRP	DOME	+36/+33cc	FF	13.9	12.8	12.0	●	●	●	●	●
11915	4.500	572	6.535	SRP	FLAT	-3cc	FF	10.8	10.4	9.7	○	●	●	○	○
11918	4.500	572	6.700	SRP	DOME	+41/+39cc	FF	14.5	13.6	12.9	○	●	●	●	●

Steel Main Caps	EAG4107S	4130 Steel, converts 2 bolt mains to 4 bolt mains
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Eagle Specialty Products reserves the right to substitute pistons due to availability, etc.

Eagle Specialty Products  
8530 Aaron Lane  
Southaven, MS 38671

# Chevy Big Block

## Chevrolet 454/502 1 piece rear seal "ESP" Cast Steel Crankshafts

"ESP" Cast Steel Crankshafts offer an excellent alternative to reworking a factory cast crankshaft. They are manufactured with 0.092" radius on all journals, rear seal and snout for added strength while still using OE style bearings. Each crankshaft is inspected for dimension, size, and stroke accuracy. Target bobweight is +/- 2% GUARANTEED! Lightening holes in each rod throw for reduced weight. Recommended in applications up to 700 HP. All are external balance. Approximate weight is 65 Lbs.



STROKE	PART NUMBER	BOBWEIGHT	MIN. ROD LENGTH
4.000	104564000	2350	6.135
4.250	104564250	2420	6.385

Steel Main Caps	EAG4107S	4130 Steel, converts 2 bolt mains to 4 bolt mains
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## "ESP" Forged 4340 Steel Crankshafts

Forged 4340 Steel Crankshafts feature exceptional strength and unsurpassed quality at a reasonable price. Our cranks are forged in a non-twist forging and undergo a multi-stage heat treatment process as well as stress relieving, shot peening, and nitriding. They are magnafluxed and sonic tested to insure quality. We micro polish each journal to a 3 or better R.A. On every journal, a 0.125" radius is used to increase strength, so chamfered bearings must be used. Lightening holes in each rod throw for reduced weight. The perfect choice for engines up to 1500 HP! All are internal balance.

Approximate Weight 76 lbs.



STROKE	PART NUMBER	BOBWEIGHT	MIN. ROD LENGTH
4.250	445642526385		6.385
4.500	445645006535		6.535
Standard oiling			
4.250	445642536385	2420	6.385
4.500	445645016535		6.535

## "ESP" Lightweight 4340 Crankshafts

Approximate Weight 69-73 lbs.



STROKE	PART NUMBER	BOBWEIGHT	MIN. ROD LENGTH
4.000	445640046135	2350	6.135
4.250	445642546385	2350	6.385
4.500	445645046535	2350	6.535
Standard oiling			
4.000	445640056135	2350	6.135
4.250	445642556385	2350	6.385
4.500	445645056535	2350	6.535

Steel Main Caps	EAG4107S	4130 Steel, converts 2 bolt mains to 4 bolt mains
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# Chevy Big Block

## Chevrolet 454 1 piece rear seal

### Street & Strip Rotating Assemblies

Our Street and Strip Rotating Assemblies feature our affordable I-Beam rods with our cast steel crankshafts. Included are premium pistons from companies like Arias, JE, KB, SRP, Mahle, etc. Also included are Clevite 77 bearings and premium moly rings in either standard or file fit. All are designed for external balance. Street and Strip Assemblies are the perfect choice for engines up to 700 HP.

Crank	Rods	Max HP
<b>CAST</b>	<b>I-BEAM</b>	<b>700</b>



KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO	BORE SIZES AVAILABLE						
									112cc	118cc	124cc	STD	030	060	070
18000L	4.000	460	6.135	SRP	FLAT	-3cc	FF	9.0	8.5	8.3	○	●	●	●	●
18200L	4.000	460	6.135	KB	FLAT	-3cc	STD	8.5	8.2	7.9	●	●	●	●	●
18004L	4.000	460	6.385	SRP	FLAT	-3cc	FF	9.0	8.5	8.3	○	●	●	●	●
18201L	4.000	460	6.135	KB	DOME	+12cc	STD	9.7	9.1	8.8	●	●	●	●	●
18001L	4.000	460	6.135	SRP	DOME	+14cc	FF	9.7	9.2	8.8	○	●	●	●	○
18202L	4.000	460	6.135	KB	DOME	+25.5cc	STD	10.7	10.2	9.7	●	●	●	●	●
18002L	4.000	460	6.135	SRP	DOME	+23cc	FF	10.6	10.1	9.6	○	●	●	●	●
18005L	4.000	460	6.385	SRP	DOME	+26cc	FF	10.9	10.3	9.8	○	●	●	●	●
18020L	4.250	489	6.385	SRP	FLAT	-3cc	FF	9.1	8.7	8.4	●	●	●	●	●
18021L	4.250	489	6.385	KB	FLAT	-3cc	FF	9.5	9.1	8.7	○	●	●	●	●
18022L	4.250	489	6.385	SRP	DOME	+18cc	FF	10.7	10.2	9.7	○	●	●	●	●

Steel Main Caps	EAG4107S	4130 Steel, converts 2 bolt mains to 4 bolt mains
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Eagle Specialty Products reserves the right to substitute pistons due to availability, etc.

### Chevy 454 Reference Chart

STROKE	BORE				
	STD	(+0.030)	(+0.060)	(+0.070)	(+0.100)
3.766	427	433	440	442	448
4.000	454	460	467	469	476
4.250	482	489	496	498	505
4.375	497	504	511	513	520
4.500	511	518	525	528	535

### Chevy 502 Reference Chart

STROKE	BORE				
	STD	(+0.030)	(+0.060)	(+0.090)	(+0.130)
3.766	473	479	486	492	501
4.000	502	509	516	523	532
4.250	534	541	548	555	565
4.375	549	557	564	572	582
4.500	565	573	580	588	598

Eagle Specialty Products  
8530 Aaron Lane  
Southaven, MS 38671



# Chevy Big Block

## Chevrolet 454 1 piece rear seal Competition Rotating Assemblies

Our Competition Rotating Assemblies feature the strength of our H-beam rods with the dependability of our forged 4340 steel crankshafts. Included are forged pistons from companies like Arias, JE, SRP, Mahle, etc. Also included are Clevite 77 bearings and premium moly file fit rings. All are designed for internal balance. Competition Assemblies are the perfect choice for the most demanding applications.

Standard bore is 4.250". All are designed for internal balance.



Crank	Rods	Max HP
<b>4340</b>	<b>H-BEAM</b>	<b>850-1500</b>

KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO			BORE SIZES AVAILABLE				
								112cc	118cc	124cc	STD	030	060	070	100
Standard short deck															
11100	4.000	460	6.135	SRP	FLAT	-3cc	FF	9.0	8.5	8.3	○	●	●	●	●
11102	4.000	460	6.385	SRP	FLAT	-3cc	FF	9.0	8.5	8.3	○	●	●	●	●
11104	4.000	460	6.135	SRP	DOME	+14cc	FF	9.9	9.3	9.1	○	●	●	●	●
11106	4.000	460	6.135	SRP	DOME	+26cc	FF	10.9	10.3	9.8	○	●	●	●	●
11107	4.000	460	6.385	SRP	DOME	+26cc	FF	10.9	10.3	9.8	○	●	●	●	●
11108	4.000	460	6.135	SRP	DOME	+48cc	FF	13.9	12.9	12.1	○	●	●	●	●
11109	4.000	460	6.385	SRP	DOME	+48cc	FF	13.7	12.8	11.9	○	●	●	●	●
11110	4.000	460	6.535	SRP	DOME	+48cc	FF	13.7	12.8	11.9	○	●	●	●	●
11111	4.250	489	6.385	SRP	FLAT	-3cc	FF	9.5	9.1	8.7	○	●	●	●	●
11113	4.250	489	6.385	SRP	DOME	+18cc	FF	10.7	10.2	9.7	○	●	●	●	●
11114	4.250	489	6.385	SRP	DOME	+43cc	FF	13.8	12.7	11.8	○	●	●	●	●
Tall deck															
11115	4.000	460	6.535	SRP	FLAT	-3cc	FF	9.0	8.5	8.3	○	●	●	●	●
11116	4.000	460	6.535	SRP	DOME	+14cc	FF	9.9	9.3	9.1	○	●	●	●	○
11117	4.000	460	6.535	SRP	DOME	+23cc	FF	10.6	10.1	9.6	○	●	●	●	●
11118	4.000	460	6.800	SRP	DOME	+26cc	FF	11.1	10.5	10.0	○	●	●	●	●
11119	4.000	460	6.385	SRP	DOME	+48cc	FF	13.9	12.9	12.1	○	●	●	●	●
11120	4.000	460	6.800	SRP	DOME	+48cc	FF	14.1	13.1	12.3	○	●	●	●	●
11121	4.250	489	6.535	SRP	FLAT	-3cc	FF	9.5	9.1	8.7	○	●	●	●	●
11122	4.250	489	6.535	SRP	DOME	+17cc	FF	10.6	10.1	9.6	○	●	●	●	●
11123	4.250	489	6.800	SRP	DOME	+18cc	FF	10.9	10.4	9.9	○	●	●	●	●
11124	4.250	489	6.535	SRP	DOME	+43cc	FF	13.8	12.9	12.0	○	●	●	●	●
11125	4.250	489	6.800	SRP	DOME	+43cc	FF	14.0	12.9	12.0	○	●	●	●	●
11126	4.500	518	6.700	SRP	DOME	+48cc	FF	15.3	14.3	13.4	○	●	●	●	●

Steel Main Caps	EAG4107S	4130 Steel, converts 2 bolt mains to 4 bolt mains
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Eagle Specialty Products reserves the right to substitute pistons due to availability, etc.

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# Chevy Big Block

## Chevrolet 502 1 piece rear seal Competition Rotating Assemblies

Our Competition Rotating Assemblies feature the strength of our H-beam rods with the dependability of our forged 4340 steel crankshafts. Included are forged pistons from companies like Arias, JE, SRP, Mahle, etc. Also included are Clevite 77 bearings and premium plasma moly file fit rings. All are designed for internal balance. Competition Assemblies are the perfect choice for the most demanding applications. Standard bore is 4.470". All are designed for internal balance.

Crank	Rods	Max HP
<b>4340</b>	<b>H-BEAM</b>	<b>850-1500</b>



KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO			BORE SIZES AVAILABLE				
								112cc	118cc	124cc	4.470	4.500	4.530	4.560	4.600
Standard short deck								112cc	118cc	124cc	4.470	4.500	4.530	4.560	4.600
11127	4.000	509	6.135	JE	INV. DOME	-11.5cc	FF	8.7	8.4	8.1	○	●	●	○	○
11128	4.000	509	6.135	SRP	FLAT	-3cc	FF	9.7	9.3	8.9	●	●	●	○	○
11129	4.000	509	6.385	SRP	FLAT	-3cc	FF	9.7	9.3	8.9	●	●	●	○	○
11132	4.000	509	6.135	SRP	DOME	+17cc	FF	10.7	10.0	9.5	●	●	●	○	○
11133	4.000	509	6.385	SRP	DOME	+17cc	FF	10.8	10.3	9.8	●	●	●	○	○
11134	4.000	509	6.135	SRP	DOME	+41/+39cc	FF	13.9	12.9	11.8	●	●	●	●	○
11135	4.000	509	6.385	SRP	DOME	+41/+39cc	FF	13.9	12.9	11.8	●	●	●	●	●
11136	4.000	509	6.535	SRP	DOME	+41/+39cc	FF	13.9	12.9	11.8	●	●	●	●	●
11137	4.250	540	6.385	MAHLE	FLAT	-3cc	FF	10.2	9.8	9.4	●	●	●	○	○
11138	4.250	540	6.385	SRP	DOME	+10cc	FF	10.8	10.3	9.9	●	●	●	●	○
11139	4.250	540	6.385	SRP	DOME	+36cc	FF	13.9	12.8	12.0	●	●	●	●	●
11140	4.250	540	6.535	SRP	DOME	+36cc	FF	13.9	12.8	12.0	●	●	●	○	○

Steel Main Caps	EAG4107S	4130 Steel, converts 2 bolt mains to 4 bolt mains
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Eagle Specialty Products reserves the right to substitute pistons due to availability, etc.

Eagle Specialty Products  
8530 Aaron Lane  
Southaven, MS 38671

# Chrysler Small Block

## Chrysler 4 Cylinder

“ESP” connecting rods are forged from 4340 steel and utilize ARP 3/8” capscrew-style bolts with alignment sleeves for a perfect fit. Packaged in weight-matched sets (+/- 1g). Sizing is done on the state of the art Sunnen Krossgrinding™ system. The perfect choice for engines up to 900 HP.

LENGTH	PART NUMBER	WEIGHT	NOTES
Dodge neon 2.0L			
5.472	CRS5472N3D	535	SOHC & DOHC 2.0L
5.608	CRS5608N3D	550	Long rod, SOHC & DOHC
Dodge neon srt4 2.4L			
5.945	CRS5945D3D	575	
Pin Bushings	EAGB776	Each	
Rod Bolts	EAG20060	3/8”, set of 8	<b>ARP 2000</b>
Alignment Sleeves	EAG10004	Each	

## Chrysler 273, 318, 340, & 360 “SIR” I-Beam Connecting Rods

“SIR” connecting rods are forged from 5140 steel and utilize ARP 3/8” capscrew-style bolts with alignment sleeves for a perfect fit and easier assembly. Packaged in weight-matched sets (+/- 2g). Sizing is performed by in-house CNC equipment. “SIR” connecting rods are the perfect choice for engines up to 500 HP.

LENGTH	PART NUMBER	WEIGHT	NOTES
6.123	SIR6123CB	605	Bushed
6.123	SIR6123CP	605	Press
Pin Bushing	EAGB992	Each	
Rod Bolts	EAG12055	3/8”, set of 16	<b>ARP 8740</b>
Alignment Sleeves	10005	Each	

## “ESP” H-Beam Connecting Rods

“ESP” connecting rods are forged from 4340 steel and utilize ARP 7/16” capscrew-style bolts with alignment sleeves for a perfect fit. Packaged in weight-matched sets (+/- 1g). Sizing is done on the state of the art Sunnen Krossgrinding™ system. The perfect choice for engines up to 750 HP.

LENGTH	PART NUMBER	WEIGHT	NOTES
6.123	CRS6123C3D	695	Stock length 273, 318, 340, 360
Extreme bolt upgrades			
6.123	CRS6123C3D2000	695	up to 1100 HP
6.123	CRS6123C3DL19	695	up to 1400 HP
Pin Bushings	EAGB984	Each	
Rod Bolts	EAG12000	7/16”, Set of 16	<b>ARP 8740</b>
Rod Bolts	EAG20000	7/16”, Set of 16	<b>ARP 2000</b>
Rod Bolts	EAG14000	7/16”, Set of 16	<b>ARP L19</b>
Alignment Sleeves	EAG10000	Each	

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# Chrysler Small Block

## Chrysler 340 & 360

### "ESP" Cast Steel Crankshafts

"ESP" Cast Steel Crankshafts offer an excellent alternative to reworking a factory cast crankshaft. They are manufactured with 0.092" radius on all journals, rear seal and snout for added strength while still using OE style bearings. Each crankshaft is inspected for dimension, size, and stroke accuracy. Target bobweight is +/- 2% GUARANTEED! Recommended in applications up to 500 HP. Lightening holes in each rod throw for reduced weight.

STROKE	PART NUMBER	BOBWEIGHT	NOTES
340 (weight not available)			
3.310	103403310	2050	Internal Balance <b>new</b>
4.000	103404000	2050	Internal Balance
360 (approximate weight is 55-56lbs)			
3.580	103603580	2050	Factory Balance
4.000	103604000	2050	Internal Balance
Pilot Bushing		PB2	Must use for standard transmission



### "ESP" Forged 4340 Crankshafts

"ESP" Forged 4340 Steel Crankshafts feature exceptional strength and unsurpassed quality at a reasonable price. Our cranks are forged in a non-twist forging and undergo a multi-stage heat treatment process as well as stress relieving, shot peening, and nitriding. Our cranks are 100% magnafluxed and sonic tested to insure quality. They have lightening holes in all rod throws, and chamfered oil holes. All journals are precision ground and micro polished to less than 3 Ra. All are designed for internal balance.

STROKE	PART NUMBER	BOBWEIGHT	NOTES
340 (approximate weight is 57-59lbs)			
3.310	434033106123	2050	
4.000	434040006123	2050	
360 (approximate weight is 59-60lbs)			
3.580	436035806123	2050	
4.000	436040006123	2050	
Pilot Bushing		PB2	Must use for standard transmission



## Chrysler 340 & 360 Reference Charts

360	BORE	
	4.000"	4.030"
STROKE	STD	(+0.030)
3.580	360	365
4.000	402	408

340	BORE	
	4.040"	4.070"
STROKE	STD	(+0.030)
3.310	340	345
4.000	410	416

Eagle Specialty Products  
8530 Aaron Lane  
Southaven, MS 38671

# Chrysler Small Block

## Chrysler 340 & 360 Street & Strip Rotating Assemblies

Our Street & Strip Rotating Assemblies offer the perfect balance of strength, performance, reliability and affordability. Each kit includes: an "ESP" cast steel crankshaft, "SIR" I-beam connecting rods, forged pistons from companies like Arias, JE, SRP, Mahle, etc., premium plasma moly rings, and Clevite 77 bearings. Street & Strip assemblies are the perfect choice for engines up to 500 HP. Standard bore size is 4.000".



Crank	Rods	Max HP
<b>CAST</b>	<b>I-BEAM</b>	<b>500</b>

KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO			BORE SIZES AVAILABLE				
								60cc	65cc	70cc	STD	020	030	040	060
360								60cc	65cc	70cc	STD	020	030	040	060
20501	3.580	365	6.123	SRP	Flat	-5cc	FF	11.1	10.5	9.9	○	○	●	●	●
20502	4.000	408	6.123	SRP	Inv. Dome	-16.9cc	FF	10.7	10.2	9.7	○	○	●	●	○

## Competition Rotating Assemblies

Our Competition Rotating Assemblies feature the strength of our H-beam rods with the dependability of our forged 4340 steel crankshafts. Included are premium forged pistons from companies like Arias, JE, SRP, Mahle, etc. Also included are Clevite 77 bearings and Perfect Circle rings. All are designed for internal balance. Competition Assemblies are the perfect choice for the most demanding applications. Standard bore is 4.040" for 340 and 4.000" for 360. All are designed for internal balance.



Crank	Rods	Max HP
<b>4340</b>	<b>H-BEAM</b>	<b>750-1500</b>

KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO			BORE SIZES AVAILABLE				
								60cc	65cc	70cc	STD	020	030	040	060
340								60cc	65cc	70cc	STD	020	030	040	060
20100	3.310	345	6.123	SRP	FLAT	-5cc	FF	10.5	9.8	9.2	○	○	●	○	○
360								60cc	65cc	70cc	STD	020	030	040	060
20101	3.580	365	6.123	SRP	FLAT	-5cc	FF	11.1	10.5	9.9	○	○	●	●	●
20102	4.000	408	6.123	SRP	INV. DOME	-16.9cc	FF	10.7	10.2	9.7	○	○	●	●	○

Pilot Bushing	PB2	360	Must use for standard transmission
Pilot Bushing	PB3	340	Must use for standard transmission

Eagle Specialty Products reserves the right to substitute pistons due to availability, etc.

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# Chrysler "B" Block

## Chrysler "B" Block 361, 383, & 400

### "ESP" H-Beam Connecting Rods

"ESP" connecting rods are forged from 4340 steel and utilize ARP 7/16" capscrew-style bolts with alignment sleeves for a perfect fit. Packaged in weight-matched sets (+/- 1g). Sizing is done on the state of the art Sunnen Krossgrinding™ system. "ESP" connecting rods are the perfect choice for engines up to 850 HP.

LENGTH	PART NUMBER	WEIGHT	NOTES
6.385	CRS6385C3D	790	440 crank/ 400 block, 2.200" rod, 0.990" pin
6.358	CRS6358C3D	850	Stock length for 361, 383, 400, 1.094pin
Pin Bushings	EAGB990		Each/ for CRS6385C3D
Pin Bushings	EAGB1094		Each/ for CRS6358C3D
Rod Bolts	EAG12030		Set of 16 <b>ARP 8740</b>
Rod Bolts	EAG20030		Set of 16 <b>ARP 2000</b>
Alignment Sleeves	EAG10000		Each



### "ESP" Forged 4340 Crankshafts

"ESP" Forged 4340 Steel Crankshafts feature exceptional strength and unsurpassed quality at a reasonable price. Our cranks are forged in a non-twist forging and undergo a multi-stage heat treatment process as well as stress relieving, shot peening, and nitriding. Our cranks are 100% magnafluxed and sonic tested to insure quality. All journals are precision ground and micro polished to less than 3 Ra. On each journal, a 0.125" radius is used to increase strength, so chamfered bearings must be used. All are designed for internal balance. There are lightening holes on each throw for reduced weight. The perfect choice for engines up to 1500 HP! Approximate weight is 69-71 Lbs.

STROKE	PART NUMBER	BOBWEIGHT	MIN. ROD LENGTH	NOTES
4.150	440041506760	2550	6.760	6 bolt flange, 2.375" rod journal
4.150	440241506760	2550	6.760	8 bolt flange, 2.375" rod journal



## Competition Rotating Assemblies

Our Competition Rotating Assemblies feature the strength of our H-beam rods with the dependability of our forged 4340 steel crankshafts. Included are forged pistons from companies like Arias, JE, SRP, Mahle, etc. Also included are Clevite 77 bearings and premium plasma moly rings. All are designed for internal balance. Competition Assemblies are the perfect choice for the most demanding applications. All are designed for internal balance. Specify 6 or 8 bolt flywheel flange. Standard bore is 4.345".



Crank	Rods	Max HP
<b>4340</b>	<b>H-BEAM</b>	<b>850-1500*</b>

\*with bolt upgrade

KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO			BORE SIZES AVAILABLE				
								60cc	65cc	70cc	STD	020	030	040	060
21103	4.150	499	6.760	SRP	FLAT	-6cc	FF	11.8	10.9	10.5	○	○	●	○	○

Eagle Specialty Products reserves the right to substitute pistons due to availability, etc.

Eagle Specialty Products  
8530 Aaron Lane  
Southaven, MS 38671

# Chrysler "RB" Block

## Chrysler "RB" 413, 426, & 440

### "ESP" H-Beam Connecting Rods

"ESP" connecting rods are forged from 4340 steel and utilize ARP 7/16" capscrew-style bolts with alignment sleeves for a perfect fit. Packaged in weight-matched sets (+/- 1g). Sizing is done on the state of the art Sunnen Krossgrinding™ system. "ESP" connecting rods are the perfect choice for engines up to 850 HP.

LENGTH	PART NUMBER	WEIGHT	NOTES
Standard			
6.760	CRS6760C3D	875	1.094" pin
6.760	CRS6760B3D	880	0.990" pin
6.860	CRS6860C3D	890	Stock 426 HEMI, 1.030" pin
"RB" Stroker			
6.385	CRS6385C3D	790	440 crank/ 400 block, 2.200" rod, 0.990" pin
6.700	CRS6700C3D	805	2.200" rod, 0.990" pin, 1.007" b.e. width
6.760	CRS6760S3D	815	2.200" rod, 0.990" pin, 1.007" b.e. width
7.100	CRS7100C3D	840	2.200" rod, 0.990" pin, 1.007" b.e. width
Extreme bolt upgrades			
6.760	CRS6760B3D2000	885	7/16", up to 1200 HP <b>ARP 2000</b>
6.760	CRS6760C3D2000	880	7/16", up to 1200 HP <b>ARP 2000</b>
7.100	CRS7100C3D2000	845	7/16", up to 1200 HP <b>ARP 2000</b>
7.100	CRS7100C3DL19	845	7/16", up to 1500 HP <b>ARP L19</b>
Pin Bushings	EAGB990	Each, for CRS6385C3D	
Pin Bushings	EAGB990C	Each, for CRS6760B3D, CRS6700C3D, & CRS7100C3D	
Pin Bushings	EAGB1040	Each, for CRS6860C3D	
Pin Bushings	EAGB1094	Each, for CRS6760C3D	
Rod Bolts	EAG12030	Set of 16, ARP 8740	<b>ARP 8740</b>
Rod Bolts	EAG20030	Set of 16, ARP 2000	<b>ARP 2000</b>
Rod Bolts	EAG14020	Set of 16, ARP L19 (For 2.200 rod pins)	<b>ARP L19</b>
Alignment Sleeves	EAG10000	Each	



"Slippery Fish"  
Joe Mancini  
Eagle Specialty Products

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# Chrysler "RB" Block

## Chrysler "RB" 413, 426, & 440 "ESP" Forged 4340 Crankshafts

"ESP" Forged 4340 Steel Crankshafts feature exceptional strength and unsurpassed quality at a reasonable price. Our cranks are forged in a non-twist forging and undergo a multi-stage heat treatment process as well as stress relieving, shot peening, and nitriding. Our cranks are 100% magnafluxed and sonic tested to insure quality. All journals are precision ground and micro polished to less than 3 Ra. All are designed for internal balance. On each journal, a 0.125" radius is used to increase strength, so chamfered bearings must be used. All are designed for internal balance. There are lightening holes on each throw for reduced weight. The perfect choice for engines up to 1500 HP! Approximate weight is 70 Lbs.

STROKE	PART NUMBER	BOBWEIGHT	MIN. ROD LENGTH	NOTES
3.750	444037506760	2550	6.760	6 bolt flange
3.750	444237506760	2550	6.760	8 bolt flange
4.150	444041506760	2550	6.760	6 bolt flange
4.150	444241506760	2550	6.760	8 bolt flange
4.150	444041502200	2400	6.700	6 bolt flange, 2.200" rod journal
4.150	444241502200	2400	6.700	8 bolt flange, 2.200" rod journal
4.250	444242507100	2500	7.100	8 bolt flange, 2.200" rod journal
4.375	444243757100	2500	7.100	8 bolt flange, 2.200" rod journal
4.500	444245007100	2500	7.100	8 bolt flange, 2.200" rod journal

## "ESP" Competition Rotating Assemblies

Our Competition Rotating Assemblies match the strength and dependability of our H-Beam rods and our forged 4340 steel crankshafts (internal balance). Included are forged pistons from companies like Arias, JE, SRP, Mahle, etc., Clevite 77 bearings and file fit plasma-moly rings. All are designed for internal balance. Competition Assemblies are the perfect choice for the most demanding applications. All are designed for internal balance.



Crank	Rods	Max HP
<b>4340</b>	<b>H-BEAM</b>	<b>850-1500</b>

KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO	BORE SIZES AVAILABLE						
440, 6 bolt flange(8 bolt available)								72cc	80cc	84cc	STD	020	030	040	055
21200	3.750	445	6.760	SRP	FLAT	-6cc	FF	11.4	10.5	10.1	○	○	●	●	●
21201	4.150	493	6.760	SRP	FLAT	-6cc	FF	12.4	11.4	11.1	○	○	●	○	●
* 21206	4.150	493	6.760	SRP	FLAT	-6cc	FF	12.4	11.4	11.1	○	○	●	○	●
* LW 2.200 rod journals															
440, 8 bolt only															
21202	4.250	505	7.100	SRP	FLAT	-6cc	FF	12.5	11.5	11.1	○	○	●	○	○
21203	4.375	520	7.100	SRP	FLAT	-6cc	FF	12.5	11.5	11.1	○	○	●	○	○
21205	4.500	535	7.100	SRP	FLAT	-6cc	FF	12.8	11.9	11.4	○	○	●	○	●

Eagle Specialty Products reserves the right to substitute pistons due to availability, etc.

Eagle Specialty Products  
8530 Aaron Lane  
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# Chrysler VIPER

## Chrysler V-10 Viper (2002 and earlier)

### "ESP" H-Beam Connecting Rods

"ESP" connecting rods are forged from 4340 steel and utilize ARP 7/16" capscrew-style bolts with alignment sleeves for a perfect fit. Packaged in weight matched sets (+/- 1g). Sizing is done on the state of the art Sunnen Krossgrinding™ system.

"ESP" connecting rods are the perfect choice for engines up to 1000 HP.

LENGTH	PART NUMBER	WEIGHT	NOTES
6.123	CRS6123D10	695	Use in 2002 and earlier engines
6.123	CRS6123D102000	695	7/16", Up to 1200 HP <b>ARP 2000</b>
6.123	CRS6123D10L19	700	7/16", Up to 1500 HP <b>ARP L19</b>



Pin Bushings	EAGB984	Each
Rod Bolts	EAG871600	Each <b>ARP 8740</b>
Rod Bolts	EAG201600	Each <b>ARP 2000</b>
Rod Bolts	EAG191600	Each <b>ARP L19</b>
Alignment Sleeves	EAG10000	Each



Crankshaft being balanced on Hines balancer.

The Dominator, custom built for Eagle Specialty Products.

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# Ford Four/Six Cylinder

## Ford 4 Cylinder

### "ESP" H-Beam Connecting Rods

"ESP" connecting rods are forged from 4340 steel and utilize 3/8" ARP 2000 bolts with alignment sleeves for a perfect fit. Packaged in weight-matched sets (+/- 1g). Sizing is done on the state of the art Sunnen Krossgrinding™ system. "ESP" connecting rods are the perfect choice for engines up to 900 HP.



LENGTH	PART NUMBER	WEIGHT	NOTES
2000cc			
5.700	CRS5700PLW	Lightweight/ Call	2.000" rod journal, 0.927" pin, Can be narrowed for use in 2300cc, 3/8" ARP 2000 bolts
1.9L Zetec			
5.483	CRS5483F3D	535	
Ford 2.3 Duratec			
6.094	CRS6094F3D	565	
Pin Bushings	EAGB928		For CRS5700P3D, Each
Pin Bushings	EAGB788		For CRS5700P3D, Each
Pin Bushings	EAGB810		For CRS5483F3D, Each
Rod Bolts	EAG871600		For CRS5700P3D, Each <b>ARP 8740</b>
Rod Bolts	EAG20060		For CRS6094F3D, CRS5700PLW, Set of 8 <b>ARP 2000</b>
Alignment Sleeves	EAG10000		For CRS5700P3D, Each
Alignment Sleeves	EAG10004		CRS 5700PLW & CRS6094F3D, Each
Alignment Sleeves	EAG10003		For CRS5483F3D, Each

## Ford 3.8L V6

### "ESP" H-Beam Connecting rods

"ESP" connecting rods are forged from 4340 steel and utilize 3/8" ARP 2000 bolts with alignment sleeves for a perfect fit. Packaged in weight-matched sets (+/- 1g). Sizing is done on the state of the art Sunnen Krossgrinding™ system.

"ESP" connecting rods are the perfect choice for engines up to 750 HP.

LENGTH	PART NUMBER	WEIGHT	NOTES
6.090	CRS6090F3D	605	Must use 351W rod bearings
Pin Bushings	EAGB928		Each
Rod Bolts	EAG201500		Each <b>ARP 2000</b>
Alignment Sleeves	EAG10004		Each



Eagle Specialty Products  
8530 Aaron Lane  
Southaven, MS 38671

# Ford Modular V8

## Ford Modular V8 4.6L "ESP" H-Beam Connecting Rods

"ESP" connecting rods are forged from 4340 steel and utilize 3/8" ARP bolts with alignment sleeves for a perfect fit. Packaged in weight-matched sets (+/- 1g). Sizing is done on the state of the art Sunnen Krossgrinding™ system. "ESP" connecting rods are the perfect choice for engines up to 750 HP.



LENGTH	PART NUMBER	WEIGHT	NOTES
4.6L			
5.933	CRS5933F8740	605	3/8" ARP 8740 bolts
5.933	CRS5933F3D	605	3/8" ARP 2000 bolts
5.950	CRS5950F3D	560	3/8" ARP 2000 bolts, Honda Rod Journals
5.4L			
6.657	CRS6657F3D	630	3/8" ARP 2000 bolts
6.8L V10			
6.657	CRS6657F3D10	630	3/8" ARP 2000 bolts, set of 10
Pin Bushings	EAGB808		Each
Rod Bolts	EAG20070		Set of 16
Rod Bolts	EAG12055		Set of 16
Alignment Sleeves	EAG10004		Each

## "ESP" Cast Steel Crankshafts

"ESP" Cast Steel Crankshafts are manufactured with 0.092" radius on all journals, rear seal and snout for added strength while still using OE style bearings. Each crankshaft is inspected for dimension, size, and stroke accuracy. Target bobweight is +/- 2% GUARANTEED! Recommended in applications up to 500 HP. This crank features center counterweights for added strength at high RPM. Lightening holes in each rod throw to reduce weight. Approximate weight is 48 Lbs! All are designed for internal balance.



STROKE	PART NUMBER	BOBWEIGHT	ROD JOURNAL	NOTES
3.554	102813554	1600	2.086	Uses CRS5933F3D, 8 bolt flange
3.750	102813750	1600	1.889	Uses CRS5950F3D, 8 bolt flange

^ Block may need to be clearanced for the crankshaft center counterweight.

## "ESP" 4340 Steel Crankshafts

"ESP" Forged 4340 Steel Crankshafts feature exceptional strength and unsurpassed quality at a reasonable price. Our cranks are forged in a non-twist forging and undergo a multi-stage heat treatment process as well as stress relieving, shot peening, and nitriding. They are magnafluxed and sonic tested to insure quality. We micro polish each journal to a 3 or better R.A. A 0.125" radius is used to increase strength. The perfect choice for engines up to 1500 HP! This crank features center counterweights for added strength at high RPM. Lightening holes in each rod throw to reduce weight. Approximate weight is 50 Lbs! All are designed for internal balance.



STROKE	PART NUMBER	BOBWEIGHT	ROD JOURNAL	NOTES
3.554	428135545933	1600	2.086	Uses CRS5933F3D, 8 bolt flange
3.750	428137505950	1600	1.889	Uses CRS5950F3D, 8 bolt flange

^ Block may need to be clearanced for the crankshaft center counterweight.

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# Ford Modular V8

## Ford Modular V8 4.6L

### Street and Strip Rotating Assemblies

Our Street & Strip Rotating Assemblies feature our premium forged 4340 H-beam rods with the strength and reliability of our cast crankshafts (8 bolt flange). Teamed with forged pistons from companies like Arias, JE, SRP, Mahle, etc. Also included are Clevite 77 rod bearings and file fit rings. Designed for internal balance. Block may need to be clearanced for the crankshaft center counterweight.

We will not include main bearings because of the numerous non-interchangeable bearings that are used in this motor. However we do keep them in stock, and we can provide them at an additional charge. Proper identification of the motor will be needed in order for us to provide the proper bearings.

Crank	Rods	Max HP
<b>CAST</b>	<b>H-BEAM</b>	<b>500</b>



KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO	BORE SIZES AVAILABLE			
Mustang GT 96-04, Expedition, F-150(2 valve head)								42cc	46cc	52cc	STD	020
16400	3.554	282	5.933	ARIAS	INV. DOME	-17cc	FF	9.7	9.2	8.6	●	●
16404	3.750	297	5.950	ARIAS	INV. DOME	-22cc	FF	9.5	9.0	8.4	●	●
Mustang 05-06, Expedition, F-150(3 valve head)												
16410	3.554	282	5.933	ARIAS	INV. DOME	-17cc	FF	9.7	9.0	8.6	○	●
16414	3.750	297	5.950	ARIAS	INV. DOME	-19cc	FF	9.9	9.3	8.8	●	●
Mustang Cobra 96-04(4 valve head)												
16420	3.554	282	5.933	ARIAS	INV. DOME	-17cc	FF	9.7	9.2	8.5	○	●
16424	3.750	297	5.950	ARIAS	INV. DOME	-17cc	FF	10.2	9.7	8.9	○	●

Eagle Specialty Products reserves the right to substitute pistons due to availability, etc.

	BORE			
	3.552"	3.572"	3.622"	3.700"
STROKE	STD	(+0.020)	(+0.070)	(+0.148)
3.552	281	284	292	305
3.554	282	285	293	306
3.750	297	302	309	323

### Ford 4.6 Reference Chart



Eagle Specialty Products  
8530 Aaron Lane  
Southaven, MS 38671

# Ford Modular V8

## Ford Modular V8 4.6L Competition Rotating Assemblies

Our Competition Rotating Assemblies feature our premium forged 4340 H-beam rods (ARP 2000 bolts) with the strength and reliability of our forged 4340 steel crankshafts (8 bolt flange). Teamed with premium forged pistons from companies like Arias, JE, SRP, Mahle, etc. Also included are Clevite 77 rod bearings and file fit rings. All are internal balance. Competition Assemblies are the perfect choice for the most demanding applications. Designed for use in blower and turbo charged engines. Block may need to be clearanced for the crankshaft center counterweight.

We will not include main bearings because of the numerous non-interchangeable bearings that are used in this motor. However we do keep them in stock, and we can provide them at an additional charge. Proper identification of the motor will be needed in order for us to provide the proper bearings.



Crank	Rods	Max HP
<b>4340</b>	<b>H-BEAM</b>	<b>850-1500</b>

KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO			BORE SIZES AVAILABLE	
								42cc	46cc	52cc	STD	020
Mustang GT 96-04, Expedition, F-150(2 valve head)								42cc	46cc	52cc	STD	020
14400	3.554	282	5.933	ARIAS	INV. DOME	-17cc	FF	9.9	9.4	8.7	●	●
14404	3.750	297	5.950	ARIAS	INV. DOME	-22cc	FF	9.7	9.2	8.6	●	●
14403	3.750	297	5.950	ARIAS	FLAT	-4cc	FF	12.3	11.5	10.5	○	●
Mustang 05-06, Expedition, F-150(3 valve head)												
14410	3.554	282	5.933	ARIAS	INV. DOME	-17cc	FF	10.2	9.5	8.8	○	●
14414	3.750	297	5.950	ARIAS	INV. DOME	-19cc	FF	10.3	9.8	9.1	●	●
<b>new</b> 14413	3.750	297	5.950	ARIAS	FLAT	-4cc	FF	12.3	11.5	10.5	○	●
Mustang Cobra 96-04(4 valve head)												
14420	3.554	282	5.933	ARIAS	INV. DOME	-17cc	FF	9.7	9.2	8.6	○	●
14424	3.750	297	5.950	ARIAS	INV. DOME	-17cc	FF	10.2	9.7	9.0	○	●
<b>new</b> 14423	3.750	297	5.950	ARIAS	FLAT	-4cc	FF	12.3	11.5	10.5	○	●

Eagle Specialty Products reserves the right to substitute pistons due to availability, etc.



# STEEDDA

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# Ford Small Block

## Ford 289 & 302

### "SIR" I-Beam Connecting rods

"SIR" connecting rods are forged from 5140 steel and utilize ARP 3/8" capscrew-style bolts with alignment sleeves for easier assembly. Packaged in weight-matched sets (+/- 2g). Sizing is performed by in-house CNC equipment. "SIR" rods are the perfect choice for engines up to 500 HP.



LENGTH	PART NUMBER	WEIGHT	PIN	NOTES
5.090	SIR5090FP	535	Press Fit	
5.090	SIR5090FB	535	Bushed	
5.400	SIR5400CB	555	Bushed	0.927" piston pin/2.100" Rod Journal/ 0.8315" width
Pin Bushings		EAGB930	Each	
Rod Bolts		EAG12055	Set of 16	
Alignment Sleeves		10005	Each	

### "ESP" H-Beam Connecting Rods

"ESP" connecting rods are forged from 4340 steel and utilize 7/16" ARP 8740 bolts with alignment sleeves for a perfect fit. Packaged in weight-matched sets (+/- 1g). Sizing is done on the state of the art Sunnen Krossgrinding™ system.

"ESP" connecting rods are the perfect choice for engines up to 750 HP.



LENGTH	PART NUMBER	WEIGHT	NOTES
5.090	CRS5090F3D	590	Stock 302, 5.0L
5.155	CRS5155F3D	595	Stock 289 & Boss 302
5.315	CRS5315C3D	600	0.927" pin/ 2.100 crank pin/0.8315 b.e. width
5.400	CRS5400C3D	605	0.927" pin/ 2.100 crank pin/0.8315 b.e. width
5.400	CRS5400F3D	605	0.927" pin/ 2.000 crank pin/0.8315 b.e. width
Extreme Bolt Upgrades			
5.090	CRS5090F3D2000	590	Up to 1200 HP <b>ARP 2000</b>
5.400	CRS5400C3D2000	600	Up to 1200 HP <b>ARP 2000</b>
Pin Bushings		EAGB930	Each
Rod Bolts		EAG12000	Set of 16 <b>ARP 8740</b>
Rod Bolts		EAG20000	Set of 16 <b>ARP 2000</b>
Alignment Sleeves		EAG10000	Each

Eagle Specialty Products  
8530 Aaron Lane  
Southaven, MS 38671

# Ford Small Block

## Ford 289, 302 & 302 BOSS

### "ESP" Cast Steel Crankshafts

"ESP" Cast steel Crankshafts are manufactured with 0.092" radius on all journals, rear seal and snout for added strength while still using OE style bearings. Each crankshaft is inspected for dimension, size, and stroke accuracy. Target bobweight is +/- 2% Guaranteed! Recommended in applications up to 500 HP. Designed for external balance (28oz). Lightening holes in each rod throw for reduced weight. Will not work with AOD or AODE converter. Approx. weight is 41 Lbs.

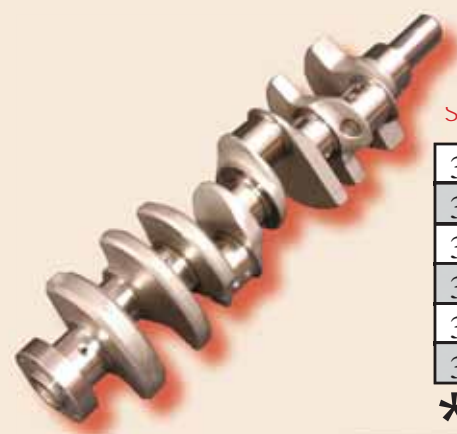


STROKE	PART NUMBER		BOBWEIGHT	ROD JOURNAL	NOTES
3.000	103023000	new	1835	2.123	28 Oz. external Balance
3.000	10302300-50	new	1835	2.123	50 Oz. external Balance
* 3.250	103023250		1835	2.100	Ford Width
* 3.400	103023400		1835	2.100	Ford Width
* Must use SIR5400CB OR CRS5400C3D					

### "ESP" 4340 Steel Crankshafts

"ESP" Forged 4340 steel crankshafts feature exceptional strength and unsurpassed quality at a reasonable price. Our cranks are forged in a non-twist forging and undergo a multi-stage heat treatment process as well as stress relieving, shot peening, and nitriding. They are magnafluxed and sonic tested to insure quality. We micro polish each journal to a 3 or better R.A. On every journal, a 0.125" radius is used to increase strength, so chamfered bearings must be used. Lightening holes in each rod throw for reduced weight. The perfect choice for engines up to 1500 HP! Will not work with AOD or AODE converter.

Designed for internal balance. Approx. weight is 46-47 Lbs.



STROKE	PART NUMBER	BOBWEIGHT	MIN ROD LENGTH	ROD JOURNAL
3.000	430230015090	1750	5.090	2.123
3.000	430230015400	1750	5.400	2.100
3.100	430231005400	1750	5.400	2.100
3.250	430232505400	1750	5.400	2.100
3.400	430234005400	1750	5.400	2.100
3.470	430234705400	1750	5.400	2.100

\* Must use neutral balance flexplate or flywheel

**Pendulum undercutting** is available on most Eagle crankshafts, reducing weight by approximately 3 pounds (minimal change to crankshaft bobweight)  
Part # P100



# Ford Small Block

## Ford 289 & 302

### Street Performance Balanced Rotating Assemblies

Our Street Performance Rotating Assemblies offer the perfect balance of strength, performance, reliability and affordability. Each kit includes a cast steel crankshaft, "SIR" I-beam connecting rods, Federal Mogul pistons, Perfect Circle rings, and Clevite 77 bearings. These kits are balanced with a 28 oz. balancer and flex plate or flywheel. Street assemblies are the perfect choice for engines up to 500 HP. Available bore sizes: STD, 0.020, 0.030, 0.040, 0.060.



### AUTOMATIC TRANSMISSION (EA-157 tooth, LA & MA-164 tooth)

YEAR PART NUMBER STROKE CID ROD PISTON TYPE DISH/DOME RINGS COMPRESSION RATIO BORE SIZES AVAILABLE  
58cc 64cc 72cc STD 020 030 040 060

YEAR	PART NUMBER	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO	BORE SIZES AVAILABLE
1975-1980	B16422EA	3.400	347	5.400	FM	FLAT	-5cc	STD	10.7 10.0 9.2	● ● ● ● ●
1981-1993	B16422LA	3.400	347	5.400	FM	FLAT	-5cc	STD	10.7 10.0 9.2	● ● ● ● ●
1994-1995	B16422MA	3.400	347	5.400	FM	FLAT	-5cc	STD	10.7 10.0 9.2	● ● ● ● ●

### STANDARD TRANSMISSION Ram Flywheel included (ES-164 tooth, LS & MS-157 tooth)

YEAR PART NUMBER STROKE CID ROD PISTON TYPE DISH/DOME RINGS COMPRESSION RATIO BORE SIZES AVAILABLE  
58cc 64cc 72cc STD 020 030 040 060

YEAR	PART NUMBER	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO	BORE SIZES AVAILABLE
1975-1980	B16422ES	3.400	347	5.400	FM	FLAT	-5cc	STD	10.7 10.0 9.2	● ● ● ● ●
1981-1993	B16422LS	3.400	347	5.400	FM	FLAT	-5cc	STD	10.7 10.0 9.2	● ● ● ● ●
1994-1995	B16422MS	3.400	347	5.400	FM	FLAT	-5cc	STD	10.7 10.0 9.2	● ● ● ● ●

Eagle Specialty Products reserves the right to substitute pistons due to availability, etc.

Eagle crankshaft being balanced on Hines balancer.



Eagle Specialty Products  
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# Ford 289 & 302 Street & Strip Rotating Assemblies

Our Street and Strip Rotating Assemblies offer the perfect balance of strength, performance, reliability and affordability. Each kit includes a cast steel crankshaft, "SIR" I-beam connecting rods, Pistons from companies like Arias, JE, SRP, Mahle, etc., premium moly rings, and Clevite 77 bearings. Street and Strip assemblies are the perfect choice for engines up to 500 HP.



Crank	Rods	Max HP
<b>CAST</b>	<b>I-BEAM</b>	<b>500</b>

KIT# STROKE CID ROD PISTON TYPE DISH/DOME RINGS COMPRESSION RATIO BORE SIZES AVAILABLE

KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO			BORE SIZES AVAILABLE				
								58cc	64cc	72cc	STD	020	030	040	060
Stock valve reliefs								58cc	64cc	72cc	STD	020	030	040	060
16005	3.250	332	5.400	SRP	INV. DOME	-15cc	FF	9.0	8.5	7.9	●	○	●	○	○
16021	3.250	332	5.400	KB	INV. DOME	-10cc	FF	9.6	9.0	8.3	●	●	●	●	●
16006	3.250	332	5.400	SRP	FLAT	-5cc	FF	10.1	9.4	8.7	●	○	●	○	○
16040	3.400	347	5.400	Mahle	INV. DOME	-16cc	FF	9.7	9.1	8.4	●	●	●	●	●
16023	3.400	347	5.400	KB	INV. DOME	-16cc	FF	9.3	8.8	8.1	●	●	●	●	●
16004	3.400	347	5.400	SRP	INV. DOME	-12.5cc	FF	9.9	9.3	8.6	●	○	●	○	○
* 16022	3.400	347	5.400	KB	FLAT	-6.5cc	FF	10.3	9.7	8.9	●	●	●	●	●
* 16003	3.400	347	5.400	SRP	FLAT	-5cc	FF	10.8	10.0	9.2	○	●	●	●	●
Twisted wedge heads															
16032	3.400	347	5.400	Mahle	INV. DOME	-16cc	FF	9.7	9.1	8.4	○	○	●	●	○
16033	3.400	347	5.400	Mahle	FLAT	-6cc	FF	10.9	10.1	9.3	○	○	●	●	○
* No substitutions															

Eagle Specialty Products reserves the right to substitute pistons due to availability, etc.

## Ford 302 Reference Chart

STROKE	BORE				
	4.000"	4.020"	4.030"	4.040"	4.060"
	STD	(+0.020)	(+0.030)	(+0.040)	(+0.060)
3.000	302	305	306	308	311
3.250	327	330	332	333	337
3.400	342	345	347	349	352
3.470	349	352	354	356	359

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# Ford Small Block

## Ford 289 & 302 Street & Strip Rotating Assemblies

Our Street and Strip Rotating Assemblies offer the perfect balance of strength, performance, reliability and affordability. Each kit includes a cast steel crankshaft, "SIR" I-beam connecting rods, forged pistons from companies like Arias, JE, SRP, Mahle, etc. premium moly rings, and Clevite 77 bearings. These kits are balanced with a 28 oz. balancer and flex plate or flywheel. Street and Strip assemblies are the perfect choice for engines up to 500 HP.

Crank	Rods	Max HP
<b>CAST</b>	<b>I-BEAM</b>	<b>500</b>



# BALANCED

## AUTOMATIC TRANSMISSION (EA-157 tooth, LA & MA-164 tooth)

KIT PART NUMBERS			STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO	BORE SIZES AVAILABLE							
1975-1980	1981-1993	1994-1995									58cc	64cc	72cc	STD	020	030	040	060
Stock valve reliefs																		
B16005EA	B16005LA	B16005MA	3.250	332	5.400	SRP	INV. DOME	-15cc	FF	9.0	8.5	7.9	●	○	●	○	○	
B16021EA	B16021LA	B16021MA	3.250	332	5.400	KB	INV. DOME	-10cc	FF	9.6	9.0	8.3	●	●	●	●	●	
B16006EA	B16006LA	B16006MA	3.250	332	5.400	SRP	FLAT	-5cc	FF	10.1	9.4	8.7	●	○	●	○	○	
B16040EA	B16040LA	B16040MA	3.400	347	5.400	Mahle	INV. DOME	-16cc	FF	9.5	9.0	8.4	●	○	●	●	●	
B16023EA	B16023LA	B16023MA	3.400	347	5.400	KB	INV. DOME	-16cc	FF	9.3	8.8	8.1	●	●	●	●	●	
B16004EA	B16004LA	B16004MA	3.400	347	5.400	SRP	INV. DOME	-12.5cc	FF	9.9	9.3	8.6	●	○	●	○	○	
B16022EA	B16022LA	B16022MA	3.400	347	5.400	KB	FLAT	-6.5cc	FF	10.3	9.7	8.9	●	●	●	●	●	
B16003EA	B16003LA	B16003MA	3.400	347	5.400	SRP	FLAT	-5cc	FF	10.8	10.0	8.9	○	●	●	●	●	
Twisted wedge heads																		
B16033EA	B16033LA	B16033MA	3.400	347	5.400	Mahle	FLAT	-6cc	FF	10.9	10.1	9.3	○	○	●	●	○	

## STANDARD TRANSMISSION (Ram Flywheel included (Es-164 tooth, LS & MS-157 tooth))

KIT PART NUMBERS			STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO	BORE SIZES AVAILABLE							
1975-1980	1981-1993	1994-1995									58cc	64cc	72cc	STD	020	030	040	060
Stock valve reliefs																		
B16005ES	B16005LS	B16005MS	3.250	332	5.400	SRP	INV. DOME	-15cc	FF	9.0	8.5	7.9	●	○	●	○	○	
B16021ES	B16021LS	B16021MS	3.250	332	5.400	KB	INV. DOME	-10cc	FF	9.6	9.0	8.3	●	●	●	●	●	
B16006ES	B16006LS	B16006MS	3.250	332	5.400	SRP	FLAT	-5cc	FF	10.1	9.4	8.7	●	○	●	○	○	
B16040ES	B16040LS	B16040MS	3.400	347	5.400	Mahle	INV. DOME	-16cc	FF	9.5	9.0	8.4	○	○	●	●	○	
B16023ES	B16023LS	B16023MS	3.400	347	5.400	KB	INV. DOME	-16cc	FF	9.3	8.8	8.1	●	●	●	●	●	
B16004ES	B16004LS	B16004MS	3.400	347	5.400	SRP	INV. DOME	-12.5cc	FF	9.9	9.3	8.6	●	○	●	○	○	
B16022ES	B16022LS	B16022MS	3.400	347	5.400	KB	FLAT	-6.5cc	FF	10.3	9.7	8.9	●	●	●	●	●	
B16003ES	B16003LS	B16003MS	3.400	347	5.400	SRP	FLAT	-5cc	FF	10.8	10.0	8.9	○	●	●	●	●	
Twisted wedge heads																		
B16033ES	B16033LS	B16033MS	3.400	347	5.400	Mahle	FLAT	-6cc	FF	10.9	10.1	9.3	○	○	●	●	○	

Eagle Specialty Products reserves the right to substitute pistons due to availability, etc.

Eagle Specialty Products  
8530 Aaron Lane  
Southaven, MS 38671

# Ford Small Block

## Ford 289 & 302

### Competition Rotating Assemblies

Our Competition Rotating Assemblies offer the ultimate in strength, performance and reliability at an affordable price. Each kit includes a forged 4340 chromoly crankshaft, "ESP" H-beam connecting rods, premium forged pistons from companies like Arias, JE, SRP, Mahle, etc., premium moly rings, and Clevite 77 bearings. These kits are designed for internal balance. Competition rotating assemblies are the perfect choice for the most demanding applications. Optional ARP 2000 bolts are available for even higher HP capability.



Crank	Rods	Max HP
<b>4340</b>	<b>H-BEAM</b>	<b>750-1200</b>

KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO		BORE SIZES AVAILABLE						
								58cc	64cc	STD	020	030	040	060		
Stock valve reliefs																
14001	3.000	306	5.090	SRP	INV. DOME	-14.5cc	FF	8.5	8.0	○	●	●	●	●		
14002	3.000	306	5.090	SRP	FLAT	-6.5cc	FF	9.2	8.6	●	●	●	●	●		
14008	3.000	306	5.090	SRP	DOME	+18cc	FF	13.1	11.9	○	○	●	●	●		
14014	3.250	332	5.400	SRP	INV. DOME	-15cc	FF	9.0	8.5	●	○	●	○	○		
14006	3.250	332	5.400	SRP	FLAT	-5cc	FF	10.1	9.4	●	○	●	○	○		
14040	3.400	347	5.400	Mahle	INV. DOME	-16cc	FF	9.5	9.0	●	○	●	●	●		
14004	3.400	347	5.400	SRP	INV. DOME	-12.5cc	FF	9.9	9.3	●	○	●	○	○		
14003	3.400	347	5.400	SRP	FLAT	-5cc	FF	10.8	10.0	○	●	●	●	●		
14013	3.400	347	5.400	Mahle	DOME	+7cc	FF	12.7	11.7	○	○	●	○	○		
Twisted wedge heads																
14032	3.400	347	5.400	Mahle	INV. DOME	-16cc	FF	9.5	9.0	○	○	●	●	○		
14033	3.400	347	5.400	Mahle	FLAT	-6cc	FF	10.9	10.1	○	○	●	●	○		

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Tony Bishoff, BES Racing.  
Winner of the 2006 Engine  
Masters Challenge.

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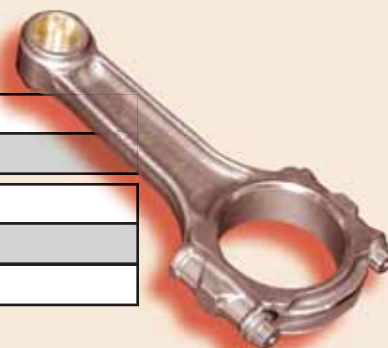
# Ford Small Block

## Ford 351W & 351C

### "ESP" I-Beam Connecting Rods

"SIR" connecting rods are forged from 5140 steel and utilize ARP 3/8" capscrew-style bolts with alignment sleeves for easier assembly. Packaged in weight-matched sets (+/- 2g). Sizing is performed by in-house CNC equipment. "SIR" rods are the perfect choice for engines up to 500 HP.

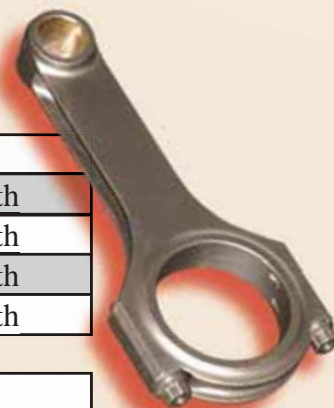
LENGTH	PART NUMBER	WEIGHT	NOTES
5.956	SIR5956FP	570	351W, Press Fit pin
5.956	SIR5956FB	570	351W, Bushed pin
Pin Bushings	EAGB930	Each	
Rod Bolts	EAG12055	Set of 16	
Alignment Sleeves	10005	Each	



### "ESP" H-Beam Connecting Rods

"ESP" connecting rods are forged from 4340 steel and utilize 7/16" ARP 8740 capscrew-style bolts with alignment sleeves for a perfect fit. Packaged in weight-matched sets (+/- 1g). Sizing is done on the state of the art Sunnen Krossgrinding™ system. "ESP" connecting rods are the perfect choice for engines up to 750 HP.

LENGTH	PART NUMBER	WEIGHT	NOTES
Ford 351W			
5.956	CRS5956F3D	675	Stock
6.125	CRS6125B3D	660	2.100" Crank pin/ 0.927" Piston Pin/ 0.940 b.e. width
6.200	CRS6200B3D	660	2.100" Crank pin/ 0.927" Piston Pin/ 0.940 b.e. width
6.250	CRS6250B3D	665	2.100" Crank pin/ 0.927" Piston Pin/ 0.940 b.e. width
6.300	CRS6300B3D	660	2.100" Crank pin/ 0.927" Piston Pin/ 0.940 b.e. width
Ford 351C			
5.780	CRS5780F3D	660	Stock, must use 351W bearings
Pin Bushings	EAGB930	Each	
Rod Bolts	EAG12000	Set of 16	
Rod Bolts	EAG20000	Set of 16	
Alignment Sleeves	EAG10000	Each	



BB&T Racing, Southaven, MS. Twin Turbo Outlaw 10.5 mustang.



Eagle Specialty Products  
8530 Aaron Lane  
Southaven, MS 38671

# Ford Small Block

## Ford 351W & 351C

### "ESP" Cast Steel Crankshafts

"ESP" Cast steel Crankshafts are manufactured with 0.092" radius on all journals, rear seal and snout for added strength while still using OE style bearings. Each crankshaft is inspected for dimension, size, and stroke accuracy. Target bobweight is +/- 2% Guaranteed! Recommended in applications up to 500 HP. Designed for external balance (28oz). Lightening holes in each rod throw for reduced weight. Will not work with AOD or AODE converter.



STROKE	PART NUMBER	BOBWEIGHT	ROD JOURNAL	NOTES
Ford 351W, Approximate weight is 53-57 lbs.				
3.750	103513750	1920	2.100	Use SIR6200BBLW or CRS6200B3D
3.850	103513850	1900	2.310	Use 351W rod and 302 piston
4.000	103514000	1920	2.100	Use SIR6200BBLW or CRS6200B3D
Ford 351C, Approximate weight is 51 lbs.				
3.850	*103523850	1900	2.100	Use SIR6000BBLW or CRS6000B3D
*Must use FMS# M-19009-A34				

### "ESP" 4340 Steel Crankshafts

"ESP" Forged 4340 steel crankshafts feature a non-twist forging and undergo a multi-stage heat treatment process as well as stress relieving, shot peening, and nitriding. They are magnafluxed and sonic tested to insure quality. We micro polish each journal to a 3 or better R.A. On every journal, a 0.125" radius is used to increase strength, so chamfered bearings must be used. Lightening holes in each rod throw for reduced weight. The perfect choice for engines up to 1500 HP! Will not work with AOD or AODE converter. Designed for internal balance. Approx. weight is 59 Lbs.



STROKE	PART NUMBER	BOBWEIGHT	ROD JOURNAL	MIN ROD LENGTH
Ford 351W, 3.00" main journal				
3.500	435135006200	1900	2.100	6.200
3.750	435137506200	1900	2.100	6.200
4.000	435140006200	1900	2.100	6.200
4.100	435141006200	1900	2.100	6.200
4.250	435142506300	1900	2.100	6.300
Ford 351W, "SVO" 2.75" main journal				
3.500	435235006200	1900	2.100	6.200
3.750	435237506200	1900	2.100	6.200
3.850	435238506200	1900	2.100	6.200
4.000	435240006200	1900	2.100	6.200
4.100	435241006200	1900	2.100	6.200
4.250	435242506300	1900	2.100	6.300

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# Ford Small Block

**Pendulum undercutting** is available on most Eagle crankshafts, reducing weight by approximately 3 pounds (minimal change to crankshaft bobweight)  
Part # P100



## Ford 351C Street & Strip Rotating Assemblies

Our Street & Strip Rotating Assemblies offer the perfect balance of strength, performance, reliability and affordability. Each kit includes: an "ESP" cast steel crankshaft, "SIR" I-beam connecting rods, premium forged pistons from companies like Arias, JE, SRP, Mahle, etc., Perfect Circle rings, and Clevite 77 bearings. Street & Strip assemblies are the perfect choice for engines up to 500 HP. **Must use FMS# M-19009-A341.**

Crank	Rods	Max HP
<b>CAST</b>	<b>I-BEAM</b>	<b>500</b>



KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO			BORE SIZES AVAILABLE				
								72cc	80cc	84cc	STD	020	030	040	060
16800	3.850	393	6.000	SRP	Flat	-3cc	FF	10.6	9.8	9.4	○	○	●	●	○

Eagle Specialty Products reserves the right to substitute pistons due to availability, etc.

Eagle Specialty Products  
8530 Aaron Lane  
Southaven, MS 38671

# Ford Small Block

## Ford 351W

### Street & Strip Rotating Assemblies

Our Street and Strip Rotating Assemblies offer the perfect balance of strength, performance, reliability and affordability. Each kit includes a cast steel crankshaft, "SIR" I-beam connecting rods, forged pistons from companies like Arias, JE, SRP, Mahle, etc., premium moly rings, and Clevis 77 bearings. These kits are designed to use a 28 oz. balancer and flex plate or flywheel.

Street and Strip assemblies are the perfect choice for engines up to 500 HP. Designed for external balance.



Crank	Rods	Max HP
<b>CAST</b>	<b>I-BEAM</b>	<b>500</b>

KIT# STROKE CID ROD PISTON TYPE DISH/DOME RINGS COMPRESSION RATIO BORE SIZES AVAILABLE

Cast steel cranks and "SIR" I-beam rods							58cc	62cc	66cc	STD	020	030	040	060	
16121	3.750	383	6.250	SRP	INV. DOME	-32cc	FF	8.9	8.5	7.9	○	○	●	○	○
16122	3.750	383	6.250	SRP	FLAT	-5cc	FF	11.9	11.0	10.0	○	○	●	○	○
16526	3.850	393	5.956	KB	INV. DOME	-22cc	FF	10.1	9.4	8.8	●	●	●	●	●
16126	3.850	393	5.956	SRP	INV. DOME	-14.5cc	FF	10.9	10.2	9.4	○	●	●	●	●
16524	4.000	408	6.200	KB	INV. DOME	-27.5cc	FF	10.2	9.4	9.1	●	●	●	●	●
16525	4.000	408	6.200	KB	FLAT	-6.5cc	FF	12.7	11.6	10.7	○	○	●	●	●
16124	4.000	408	6.200	SRP	INV. DOME	-28cc	FF	9.8	9.3	8.7	○	○	●	○	○
16123	4.000	408	6.250	SRP	INV. DOME	-19cc	FF	10.7	10.1	9.4	○	○	●	●	○
16125	4.000	408	6.250	SRP	FLAT	-5cc	FF	12.6	11.7	10.7	○	○	●	●	○

### Street & Strip Rotating Assemblies

Each kit includes a 4340 steel crankshaft



Crank	Rods	Max HP
<b>4340</b>	<b>I-BEAM</b>	<b>500</b>

KIT# STROKE CID ROD PISTON TYPE DISH/DOME RINGS COMPRESSION RATIO BORE SIZES AVAILABLE

4340 crankshaft w/ "SIR" 5140 rods							58cc	62cc	66cc	STD	020	030	040	060	
14804	4.000	408	6.200	KB	INV. DOME	-27.5cc	FF	10.2	9.4	9.1	●	●	●	●	●
14805	4.000	408	6.200	SRP	INV. DOME	-28cc	FF	9.8	9.3	8.7	○	○	●	○	○
SVO block(2.750 mains)4340 crank w/ "SIR" rods															
14806	4.000	408	6.200	KB	INV. DOME	-27.5cc	FF	10.2	9.4	9.1	●	●	●	●	●
14807	4.000	408	6.200	SRP	INV. DOME	-28cc	FF	9.8	9.3	8.7	○	○	●	○	○

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# Ford Small Block

## Ford 351W

### Competition Rotating Assemblies

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Crank	Rods	Max HP
<b>4340</b>	<b>H-BEAM</b>	<b>750-1500</b>



KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION	RAIIO	BORE SIZES AVAILABLE							
										58cc	64cc	72cc	STD	020	030	040	060
3.000" mains																	
14120	3.500	355	6.300	SRP	FLAT	-5cc	FF	11.2	10.4	9.5	○	○	●	○	○		
14121	3.750	383	6.250	SRP	INV. DOME	-32cc	FF	8.9	8.5	7.9	○	○	●	○	○		
14122	3.750	383	6.250	SRP	FLAT	-5cc	FF	11.9	11.0	10.0	○	○	●	○	○		
14124	4.000	408	6.200	SRP	INV. DOME	-28cc	FF	9.8	9.3	8.7	○	○	●	○	○		
14123	4.000	408	6.250	SRP	INV. DOME	-19cc	FF	10.7	10.1	9.4	○	○	●	●	○		
14125	4.000	408	6.250	SRP	FLAT	-5cc	FF	12.6	11.7	10.7	○	○	●	●	○		
14126	4.100	418	6.200	SRP	INV. DOME	-19cc	FF	11.1	10.3	9.6	○	○	●	●	○		
14127	4.100	418	6.200	SRP	FLAT	-5cc	FF	12.9	12.0	11.0	○	○	●	●	○		
14129	4.250	434	6.300	SRP	FLAT	-5cc	FF	13.2	12.2	11.2	○	○	●	○	○		
2.750" mains																	
14620	3.500	355	6.300	SRP	INV. DOME	-5cc	FF	11.2	10.4	9.5	○	○	●	○	○		
14621	3.750	383	6.250	SRP	INV. DOME	-32cc	FF	8.9	8.5	7.9	○	○	●	○	○		
14622	3.750	383	6.250	SRP	FLAT	-5cc	FF	11.9	11.0	10.0	○	○	●	○	○		
14624	4.000	408	6.200	SRP	INV. DOME	-28cc	FF	9.8	9.3	8.7	○	○	●	○	○		
14623	4.000	408	6.250	SRP	INV. DOME	-19cc	FF	10.7	10.1	9.4	○	○	●	●	○		
14625	4.000	408	6.250	SRP	FLAT	-5cc	FF	12.9	12.0	11.0	○	○	●	●	○		
14632	4.100	418	6.200	SRP	INV. DOME	-19cc	FF	11.1	10.3	9.6	○	○	●	●	○		
14633	4.100	418	6.200	SRP	FLAT	-5cc	FF	12.9	12.0	11.0	○	○	●	●	○		
14635	4.250	434	6.300	SRP	FLAT	-5cc	FF	13.2	12.2	11.2	○	○	●	○	○		

Eagle Specialty Products reserves the right to substitute pistons due to availability, etc.

Eagle Specialty Products  
8530 Aaron Lane  
Southaven, MS 38671



## Ford 360, 390 & 427 "FE" "ESP" H-Beam Connecting Rods

"ESP" connecting rods are forged from 4340 steel and utilize 7/16" ARP 8740 capscrew-style bolts with alignment sleeves for a perfect fit. Packaged in weight-matched sets (+/- 1g). Sizing is done on the state of the art Sunnen Krossgrinding™ system. "ESP" connecting rods are the perfect choice for engines up to 850 HP.



LENGTH	PART NUMBER	WEIGHT	NOTES
6.490	CRS6490F3D	805	Stock Journals
6.700	CRS67003D	815	2.200" Stroker Journals
Pin Bushings		EAGB990C	Each(for CRS6490F3D)
Pin Bushings		EAGB990	Each(for CRS67003D)
Rod Bolts		EAG12080	Set of 16
Alignment Sleeves		EAG10000	Each

## "ESP" Cast Steel Crankshafts

"ESP" Cast Steel Crankshafts offer an excellent alternative to reworking a factory cast crankshaft. They are manufactured with 0.092" radius on all journals, rear seal and snout for added strength while still using OE style bearings. Each crankshaft is inspected for dimension, size and stroke accuracy. Target bobweight is +/-2% Guaranteed! Recommended in applications up to 700 HP. Lightening holes in each rod throw for reduced weight. Approx. weight is 65 Lbs.



STROKE	PART NUMBER	BOBWEIGHT	NOTES
3.980	104283980	2300	Stock rod journals, OE bal, Int.Fnt/Ext.Rr
4.150	104284150	2300	2.200" Rod Journals, Int. Balance
4.250	104284250	2300	2.200" Rod Journals, Int. Balance

## Ford 8BA Flathead

### "ESP" H-Beam Connecting Rod



LENGTH	PART NUMBER	WEIGHT	NOTES
7.000	CRS7000F3D	-----	Standard Journals
7.000	CRS7000S3D	-----	Stroker 2.000" Journals

### "ESP" Cast Steel Crankshaft

STROKE	PART NUMBER	BOBWEIGHT	NOTES
4.250	102394250	-----	2.000" Journals

# Ford Big Block

## Ford 429 & 460

### "SIR" I-Beam Connecting Rods

"SIR" connecting rods are forged from 5140 steel and utilize 7/16" ARP capscrew-style bolts with alignment sleeves for easier assembly. Packaged in weight-matched sets (+/-2g). Sizing is performed by in-house CNC equipment. "SIR" connecting rods are the perfect choice for engines up to 700 HP.



LENGTH	PART NUMBER	WEIGHT	PIN	NOTES
6.605	SIR6605FP	790	Press Fit	
6.605	SIR6605FB	795	Bushed	

### "ESP" H-Beam Connecting Rods

"ESP" connecting rods are forged from 4340 steel and utilize 7/16" ARP 8740 capscrew-style bolts with alignment sleeves for a perfect fit. Packaged in weight-matched sets (+/-1g). Sizing is done on the state of the art Sunnen Krossgrinding™ system.

"ESP" connecting rods are the perfect choice for engines up to 750 HP.

LENGTH	PART NUMBER	WEIGHT	NOTES
6.605	CRS6605F3D	835	Stock
6.700	CRS67003D	805	2.200 Crank Pin/ 0.990 Piston Pin
6.800	CRS68003D	815	2.200 Crank Pin/ 0.990 Piston Pin



Pin Bushings	EAGB1040	For CRS6605F3D, Each
Pin Bushings	EAGB990	For CRS67003D, CRS68003D, & CRS6605F990, Each
Rod Bolts	EAG12080	Set of 16
Rod Bolts	EAG20030	Set of 16
Alignment Sleeves	EAG10000	Each

### "ESP" Cast Steel Crankshafts

"ESP" Cast Steel Crankshafts offer an excellent alternative to reworking a factory cast crankshaft. They are manufactured with 0.092" radius on all journals, rear seal and snout for added strength while still using OE style bearings. Each crankshaft is inspected for dimension, size and stroke accuracy. Target bobweight is +/-2% Guaranteed! Recommended in applications up to 700 HP. Based on a Ford 3Y design. Stokers must use 6.700" or 6.800" rods. Lightening holes in each rod throw for reduced weight. Approximate weight is 70-75 Lbs.

STROKE	PART NUMBER	BOBWEIGHT	NOTES
3.850	104603850	2350	Internal Balance, Stock Journals
3.850	104603850E	2570	External Balance(not O.E.), Stock Journals
4.140	104604140	2350	Internal Balance, 2.200" Rod Journals
4.300	104604300	2350	Internal Balance, 2.200" Rod Journals
4.500	104604500	2350	Internal Balance, 2.200" Rod Journals



### "ESP" 4340 Steel Crankshafts

"ESP" Forged 4340 steel crankshafts feature a non-twist forging and undergo a multi-stage heat treatment process as well as stress relieving, shot peening, and nitriding. They are magnafluxed and sonic tested to insure quality. We micro polish each journal to a 3 or better R.A. On every journal, a 0.125" radius is used to increase strength, so chamfered bearings must be used. Lightening holes in each rod throw for reduced weight. The perfect choice for engines up to 1500 HP! Designed for internal balance.

STROKE	PART NUMBER	BOBWEIGHT	LENGTH	NOTES
4.140	446041402200	2350	6.700	Internal Balance, 2.200" Journals <b>new</b>
4.300	446043002200	2350	6.700	Internal Balance, 2.200" Journals <b>new</b>
4.500	446045002200	2350	6.700	Internal Balance, 2.200" Journals <b>new</b>

Eagle Specialty Products  
8530 Aaron Lane  
Southaven, MS 38671

# Ford Big Block

## Ford 429 & 460 Street & Strip Rotating Assemblies

Our Street and Strip Rotating Assemblies offer the perfect balance of strength, performance, reliability and affordability. Each kit includes a cast steel crankshaft, Eagle "3D" connecting rods, forged pistons from companies like Arias, JE, SRP, Mahle, etc., plasma moly rings, and Clevite 77 bearings. Street and Strip assemblies are the perfect choice for engines up to 700 HP. Designed for internal balance.



Crank	Rods	Max HP
<b>CAST</b>	<b>See Below</b>	<b>700</b>

KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO			BORE SIZES AVAILABLE	
								72cc	80cc	84cc	030	080
"SIR" I-Beam rods								72cc	80cc	84cc	030	080
14999	3.850	466	6.605	SRP	FLAT	-3cc	FF	11.7	11.0	10.1	●	●
"ESP" H-Beam rods												
15000	3.850	466	6.605	SRP	FLAT	-3cc	FF	11.7	11.0	10.1	●	●
15001	4.140	501	6.700	SRP	INV. DOME	-28cc	FF	9.9	9.5	8.9	●	●
15002	4.140	501	6.800	SRP	FLAT	-3cc	FF	12.5	11.7	10.8	●	●
15007	4.300	521	6.800	Mahle	INV. DOME	-38cc	FF	9.5	9.0	8.8	●	○
new 15008	4.500	545	6.700	Mahle	INV. DOME	-38cc	FF	9.9	9.4	9.1	●	○

## Competition Rotating Assemblies

Our Competition Rotating Assemblies offer the ultimate in strength, performance and reliability at an affordable price. Each kit includes a forged 4340 chromoly crankshaft, "ESP" H-beam connecting rods, premium forged pistons from companies like Arias, JE, SRP, Mahle, etc., plasma moly rings, and Clevite 77 bearings. These kits are designed for internal balance. Competition rotating assemblies are the perfect choice for the most demanding applications. Optional ARP 2000 bolts are available for even higher HP capability.

Crank	Rods	Max HP
<b>4340</b>	<b>H-BEAM</b>	<b>850-1400</b>

	KIT#	STROKE	CID	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO			BORE SIZES AVAILABLE	
									72cc	80cc	84cc	030	080
new	15010	4.300	521	6.800	Mahle	INV. DOME	-38cc	FF	9.5	9.0	8.8	●	○
new	15011	4.300	521	6.800	Mahle	FLAT	-3cc	FF	12.9	11.9	11.5	●	●
new	15012	4.500	545	6.700	Mahle	INV. DOME	-38cc	FF	9.9	9.4	9.1	●	○
new	15013	4.500	545	6.700	Mahle	FLAT	-3cc	FF	13.4	12.4	11.9	●	●

Eagle Specialty Products reserves the right to substitute pistons due to availability, etc.

phone 662.796.7373  
 fax 662.796.7374  
 www.eaglerod.com  
 service@eaglerod.com

## Honda

### "ESP" H-Beam Connecting Rods

"ESP" connecting rods are forged from 4340 steel and utilize 3/8" ARP 2000 capscrew-style bolts with alignment sleeves for a perfect fit. Packaged in weight-matched sets (+/-1g). Sizing is done on the state of the art Sunnen Krossgrinding™ system. "ESP" connecting rods are the perfect choice for engines up to 900 HP.

LENGTH	PART NUMBER	WEIGHT	NOTES
Honda/Acura Integra B18 A/B dohc NON-VTEC (also CRV B20B/Z)			
5.394	CRS5394A3D	535	3/8" ARP 2000 Bolts
5.531	CRS5531A3D	520	3/8" ARP 2000 Bolts
5.862	CRS5862A3D	520	5/16" ARP 2000 Bolts, 0.708" pin
5.967	CRS5967A3D	555	Dart B20 + block, 5/16" ARP 2000 Bolts
Honda/Acura 1.8 Integra GSR & Type R B18c1/5			
5.430	CRS5430A3D	535	
Honda/Acura RSX K20A2 Type S 200hp 2.0L			
5.470	CRS5470K3D	495	
Honda Civic and Del Sol B16A/A2/A3-1598cc dohc VTEC			
5.290	CRS5290H3D	525	
Honda 1.6 ALL SOHC VTEC and NON-VTEC and ZC			
5.394	CRS5394H3D	535	Must notch lower cylinder wall and main cap girdle.
Honda H22 VTEC 93-96, Prelude VTEC, and 97 or later Prelude			
5.630	CRS5630H3D	520	Use with aftermarket pistons
5.630	CRS5630J3D	520	0.864" Piston Pin, Use with "Type S" pistons
Pin Bushings	EAGB748		For CRS5394H3D, Each
Pin Bushings	EAGB778		For All "B" Series, Each
Pin Bushings	EAGB808		For CRS5470K3D, CRS5500K3D CRS5630(H & J)3D, Each
Rod Bolts	EAG20050		5/16" ARP 2000, Set of 8
Rod Bolts	EAG20060		3/8" ARP 2000, Set of 8
Alignment Sleeves	EAG10003		For 5/16" Bolts, Each
Alignment Sleeves	EAG10004		For 3/8" Bolts, Each



### Titanium H-Beam Connecting Rods

Eagle Specialty Products inc. is the first company to mass produce titanium connecting rods on a larger scale, thus making them more affordable. ideal for high RPM or stroker applications. Eagle's lightweight Titanium rods do not sacrifice strength or clearance and utilize Eagle's proven 3-D, H-Beam Design. Comes equipped with 3/8" ARP 2000 Bolts.

LENGTH	PART NUMBER	WEIGHT	NOTES
Honda/Acura Integra B18 A/B dohc NON-VTEC (also CRV B20B/Z)			
5.394	CRST5394A3D	340	Forged 6AL-4V Titanium
Pin Bushings	EAGB778		Each
Rod Bolts	EAG20060		3/8" ARP 2000, Set of 8
Alignment Sleeves	EAG10004		Each



Eagle Specialty Products  
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Southaven, MS 38671

## Honda "B" Series "ESP" 4340 Crankshafts

"ESP" Forged 4340 Steel Crankshafts feature exceptional strength and quality at a reasonable price. Our cranks are forged in a non-twist forging and undergo a multi-stage heat treatment process as well as stress relieving, shot peening, and nitriding. They are magnafluxed and sonic tested to insure quality. We micro polish each journal to a 3 or better R.A. On all journals, a 0.125" radius is used to increase strength, so chamfered bearings must be used. The perfect choice for engines up to 1500HP!

Approximate weight is 31-34 Lbs.



new

STROKE	PART NUMBER	JOURNAL WIDTH	ROD JOURNAL	NOTES
3.031	1630311772	0.945	1.771	Stock B16 A/A2/A3
3.335	1633341772	0.945	1.771	Stroker B16
3.433	1834331772	0.866	1.771	Stock B18C1/5
3.504	1835431772	0.945	1.771	90 mm Stroker
3.543	1835041772	0.945	1.771	Stock B18A/B, B20B/Z
3.740	1837401772	0.945	1.771	95mm Stroker
3.740	1837401890	0.945	1.889	"B" Series with Lg. Rod Journal



## "ESP" 4340 Lightweight Crankshafts

Counterweights are knife-edged for reduced weight and less windage. Typical weight reduction is 5-6 lbs. Approximate weight is 28-31 Lbs.

STROKE	PART NUMBER	JOURNAL WIDTH	ROD JOURNAL	NOTES
3.031	1630311772LW	0.945	1.771	Stock B16 A/A2/A3
3.335	1633341772LW	0.945	1.771	Stroker B16
3.433	1834331772LW	0.866	1.771	Stock B18C1/5
3.504	1835041772LW	0.945	1.771	Stock B18A/B, B20B/Z
3.740	1837401772LW	0.945	1.771	95mm Stroker
3.740	1837401890LW	0.945	1.889	"B" Series with Lg. Rod Journal
3.740	2037401772LW	0.945	1.771	B20A1, 1.771" Rod Journals
3.740	2037401890LW	0.945	1.889	B20A1

## Honda "B" Series Competition Rotating Assemblies

Our Competition Rotating Assembly matches our Eagle "ESP" H-Beam Connecting rod, our 4340 steel crankshaft, and premium forged pistons from companies like Arias, JE, SRP, etc. Competition Assemblies are the perfect choice for the most demanding applications.

CRANK	RODS	MAX HP
<b>4340</b>	<b>H-BEAM</b>	<b>900</b>



KIT#	STROKE	DISP	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO		BORE SIZES AVAILABLE						
								41.6cc	42.7cc	81.0	81.25	81.5	84.0	85.0		
Honda B16A																
81001	3.031	1.6L	5.290	SRP	INV. DOME	-6.6cc	FF	8.5	8.3	●	●	●	○	○		
81002	3.031	1.6L	5.290	SRP	INV. DOME	-2.2cc	FF	9.2	9.0	●	●	●	○	○		
81003	3.031	1.6L	5.290	SRP	DOME	+5.7cc	FF	10.8	10.5	●	●	●	○	○		
81011	3.334	1.8L	5.290	SRP	INV. DOME	-13cc	FF	8.6	8.5	●	○	●	○	○		
81012	3.334	1.8L	5.290	SRP	INV. DOME	-7cc	FF	9.5	9.3	●	○	●	○	○		
81013	3.334	1.8L	5.290	SRP	DOME	+2.5cc	FF	11.4	11.1	●	○	●	○	○		
81014	3.334	1.8L	5.290	SRP	DOME	+7.8cc	FF	12.8	12.5	●	○	●	○	○		
*81101	3.031	1.7L	5.290	JE	INV. DOME	-11.9cc	FF	8.3	8.2	○	○	○	●	●		
*81102	3.031	1.7L	5.290	JE	INV. DOME	-1.7cc	FF	9.9	9.7	○	○	○	●	●		
*81103	3.031	1.7L	5.290	JE	DOME	+4.8cc	FF	11.2	11.0	○	○	○	●	●		
*81111	3.334	1.9L	5.290	SRP	INV. DOME	-11.5cc	FF	9.4	9.2	○	○	○	●	●		
*81112	3.334	1.9L	5.290	SRP	INV. DOME	-2cc	FF	11.1	10.9	○	○	○	●	●		
*81113	3.334	1.9L	5.290	SRP	DOME	+4cc	FF	12.5	12.2	○	○	○	●	●		

\* Iron sleeves required for 84mm + bore sizes

KIT#	STROKE	DISP	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO		BORE SIZES AVAILABLE				
								45cc	81.0	81.25	81.5			
Honda B18A/B														
82001	3.504	1.8L	5.394	SRP	INV. DOME	-11.1cc	FF	8.5		●		●		●
82002	3.504	1.8L	5.394	SRP	INV. DOME	-5.9cc	FF	9.2		●		●		●
82003	3.504	1.8L	5.394	SRP	DOME	+1.8cc	FF	10.5		●		●		●
82004	3.504	1.8L	5.394	SRP	DOME	+5.7cc	FF	11.3		●		●		●
82121	3.504	1.8L	5.531	SRP	INV. DOME	-11cc	FF	8.5		●		○		●
82122	3.504	1.8L	5.531	SRP	INV. DOME	-7cc	FF	9.0		●		○		●
82123	3.504	1.8L	5.531	SRP	DOME	+2.5cc	FF	10.6		●		○		●
82124	3.504	1.8L	5.531	SRP	DOME	+7.8cc	FF	11.8		●		○		●
82111	3.740	2.0L	5.394	SRP	INV. DOME	-11cc	FF	8.7		●		○		●
82112	3.740	2.0L	5.394	SRP	INV. DOME	-7cc	FF	9.2		●		○		●
82113	3.740	2.0L	5.394	SRP	DOME	+2.5cc	FF	10.7		●		○		●
82114	3.740	2.0L	5.394	SRP	DOME	+7.8cc	FF	11.8		●		○		●

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Eagle Specialty Products  
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## Honda "B" Series Competition Rotating Assemblies

Our Competition Rotating Assembly matches our Eagle "ESP" H-Beam Connecting rod, our 4340 steel crankshaft, and premium forged pistons from companies like Arias, JE, SRP, etc., and premium ring sets. Competition Assemblies are the perfect choice for the most demanding applications.



CRANK	RODS	MAX HP
<b>4340</b>	<b>H-BEAM</b>	<b>900</b>

KIT#	STROKE	DISP	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO		BORE SIZES AVAILABLE					
								41.6cc	42.7cc	81.0	81.25	81.5	84.0	85.0	
Honda B18A/B VTEC head- "LS-VTEC"								41.6cc	42.7cc	81.0	81.25	81.5	84.0	85.0	
82101	3.504	1.8L	5.394	SRP	INV. DOME	-8.4cc	FF	9.3	9.1	●	●	●	○	○	
82102	3.504	1.8L	5.394	SRP	INV. DOME	-2.2cc	FF	10.3	10.1	●	●	●	○	○	
82103	3.504	1.8L	5.394	SRP	DOMES	+1.7cc	FF	11.1	10.9	●	●	●	○	○	
82104	3.504	1.8L	5.394	SRP	DOMES	+5.7cc	FF	12.1	11.8	●	●	●	○	○	
82105	3.504	1.8L	5.394	JE	DOMES	+6.7cc	FF	12.7	12.4	●	○	●	○	○	
82121	3.504	1.8L	5.531	SRP	INV. DOME	-11cc	FF	9.0	8.8	●	○	●	○	○	
82122	3.504	1.8L	5.531	SRP	INV. DOME	-7cc	FF	9.4	9.2	●	○	●	○	○	
82123	3.504	1.8L	5.531	SRP	DOMES	+2.5cc	FF	11.3	11.1	●	○	●	○	○	
82124	3.504	1.8L	5.531	SRP	DOMES	+7.8cc	FF	12.7	12.4	●	○	●	○	○	
82111	3.740	2.0L	5.394	SRP	INV. DOME	-11cc	FF	9.1	9.0	●	○	●	○	○	
82112	3.740	2.0L	5.394	SRP	INV. DOME	-7cc	FF	9.7	9.5	●	○	●	○	○	
82113	3.740	2.0L	5.394	SRP	DOMES	+2.5cc	FF	11.4	11.1	●	○	●	○	○	
82114	3.740	2.0L	5.394	SRP	DOMES	+7.8cc	FF	12.7	12.4	●	○	●	○	○	
Honda B20B/Z VTEC head- "CR-VTEC"															
84101	3.504	2.0L	5.394	JE	INV. DOME	-11.9cc	FF	9.4	9.3	○	○	○	●	●	
84102	3.504	2.0L	5.394	JE	INV. DOME	-1.7cc	FF	11.1	10.9	○	○	○	●	●	
84103	3.504	2.0L	5.394	JE	DOMES	+4.8cc	FF	12.7	12.4	○	○	○	●	●	
84121	3.504	2.0L	5.531	SRP	INV. DOME	-18cc	FF	8.6	8.5	○	○	○	●	○	
84122	3.504	2.0L	5.531	SRP	INV. DOME	-11.5cc	FF	9.4	9.3	○	○	○	●	●	
84123	3.504	2.0L	5.531	SRP	INV. DOME	-2cc	FF	11.0	10.8	○	○	○	●	●	
84124	3.504	2.0L	5.531	SRP	DOMES	+4cc	FF	12.3	12.1	○	○	○	●	●	
84111	3.740	2.1L	5.394	SRP	INV. DOME	-18cc	FF	8.7	8.6	○	○	○	●	○	
84112	3.740	2.1/2.2L	5.394	SRP	INV. DOME	-11cc	FF	9.7	9.5	○	○	○	●	●	
84113	3.740	2.1/2.2L	5.394	SRP	INV. DOME	-2cc	FF	11.1	10.9	○	○	○	●	●	
84114	3.740	2.1/2.2L	5.394	SRP	DOMES	+4cc	FF	12.4	12.2	○	○	○	●	●	

Eagle Specialty Products reserves the right to substitute pistons due to availability, etc.

## Honda "B" Series Competition Rotating Assemblies

Our Competition Rotating Assembly matches our Eagle "ESP" H-Beam Connecting rod, our 4340 steel crankshaft, and premium forged pistons from companies like Arias, JE, SRP, Mahle, etc., and premium ring sets. Competition Assemblies are the perfect choice for the most demanding applications.

CRANK	RODS	MAX HP
<b>4340</b>	<b>H-BEAM</b>	<b>900</b>



KIT#	STROKE	DISP	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO	BORE SIZES AVAILABLE					
								41.6cc 42.7cc	81.0	81.25	81.5	84.0	85.0	
Honda B18C 1/5														
83001	3.433	1.8L	5.430	SRP	INV. DOME	-8.4cc	FF	9.1 9.0	●	●	●	○	○	
83002	3.433	1.8L	5.430	SRP	INV. DOME	-2.2cc	FF	10.7 10.4	●	●	●	○	○	
83003	3.433	1.8L	5.430	SRP	DOME	+1.7cc	FF	11.9 11.6	●	●	●	○	○	
83004	3.433	1.8L	5.430	JE	DOME	+5.7cc	FF	12.5 12.2	●	○	●	○	○	
*83101	3.433	1.9/2.0L	5.430	SRP	DOME	+6.7cc	FF	9.3 9.1	○	○	○	●	●	
*83102	3.433	1.9/2.0L	5.430	SRP	INV. DOME	-11cc	FF	10.9 10.7	○	○	○	●	●	
*83103	3.433	1.9/2.0L	5.430	SRP	INV. DOME	-7cc	FF	12.6 12.4	○	○	○	●	●	
*83104	3.433	1.9/2.0L	5.430	SRP	DOME	+4.8cc	FF	13.3 13.0	○	○	○	●	●	
*84111	3.740	2.1	5.394	SRP	INV. DOME	-11cc	FF	9.1 8.9	○	○	○	●	●	
*84112	3.740	2.1/2.2L	5.394	SRP	INV. DOME	-2cc	FF	10.1 9.9	○	○	○	●	●	
*84113	3.740	2.1/2.2L	5.394	SRP	DOME	+4cc	FF	11.7 11.4	○	○	○	●	●	
84114	3.740	2.1/2.2L	5.394	SRP	DOME	+4cc	FF	12.4 12.2	○	○	○	●	●	
Honda modified 8.9" deck height/ dart tall deck block														
85001	3.504	2.0L	5.967	JE	INV. DOME	-11.9cc	FF	9.4 9.3	○	○	○	●	●	
85002	3.504	2.0L	5.967	JE	INV. DOME	-1.7cc	FF	11.1 10.9	○	○	○	●	●	
85003	3.504	2.0L	5.967	JE	DOME	+4.8cc	FF	12.7 12.4	○	○	○	●	●	
85111	3.740	2.1L	5.967	SRP	INV. DOME	-18cc	FF	9.1 8.9	○	○	○	●	○	
85112	3.740	2.1/2.2L	5.967	SRP	INV. DOME	-11cc	FF	10.1 9.9	○	○	○	●	●	
85113	3.740	2.1/2.2L	5.967	SRP	FLAT	-2cc	FF	11.7 11.4	○	○	○	●	●	
85114	3.740	2.1/2.2L	5.967	SRP	DOME	+4cc	FF	13.1 12.8	○	○	○	●	●	
*Solid iron sleeves required for 84+ bore														

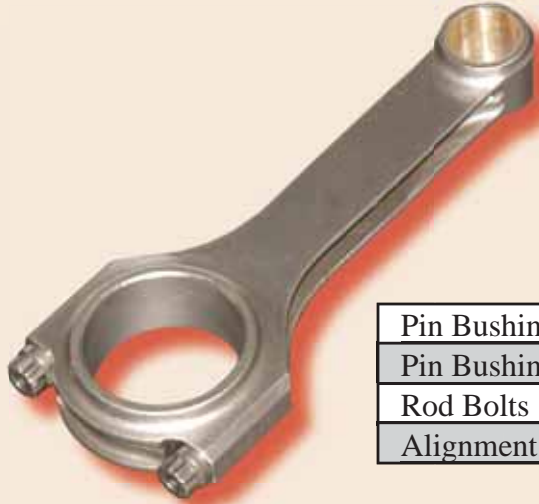
Eagle Specialty Products reserves the right to substitute pistons due to availability, etc.



## Mitsubishi

### "ESP" H-Beam Connecting Rods

"ESP" connecting rods are forged from 4340 steel and utilize 3/8" ARP2000 bolts with alignment sleeves for a perfect fit. Packaged in weight-matched sets (+/- 1g). Sizing is done on the state of the art Sunnen Krossgrinding™ system. "ESP" connecting rods are the perfect choice for engines up to 1000 HP.



LENGTH PART NUMBER WEIGHT NOTES

92 & earlier 4G63 (90-92 eclipse, talon & laser)		
5.900	CRS5900MA3D	575
93 & up 4G63 (eclipse, talon & laser, 95 & up turbo only)		
5.900	CRS5900MB3D	580
95 and up Eclipse, Talon, Laser, non-turbo		
5.472	CRS5472N3D	535

Pin Bushings	EAGB776	For CRS5900MA3D & CRS5472N3D, Each
Pin Bushings	EAGB810	For CRS5900MB3D, Each
Rod Bolts	EAG20060	For 3/8" ARP 2000 Bolts, Set of 8
Alignment Sleeves	EAG10004	Each

### "ESP" 4340 Steel Crankshafts

"ESP" Forged 4340 Steel Crankshafts feature exceptional strength and quality at a reasonable price. Our cranks are forged in a non-twist forging and undergo a multi-stage heat treatment process as well as stress relieving, shot peening, and nitriding. They are magnafluxed and sonic tested to insure quality. We micro polish each journal to a 3 or better R.A. On all journals, a 0.125" radius is used to increase strength, so chamfered bearings must be used. The perfect choice for engines up to 1500HP! Approx. weight is 37 Lbs.



STROKE PART NUMBER MIN ROD LENGTH ROD JOURNAL

89-92 4G63 (6 bolt flange)			
88mm	2034655900A6	5.900	1.771
94mm	2037005900A6	5.900	1.771
100mm	2439375900A6	5.900	1.771
93 and up 4G63 (7 bolt flange)			
88mm	2034655900B7	5.900	1.771
94mm	2037005900B7	5.900	1.771
100mm	2039375900B7	5.900	1.771

### Competition Rotating Assemblies

ESP competition rotating assemblies offer the ultimate in strength at an affordable price. Each kit includes: an Eagle forged 4340 chromoly crankshaft, "ESP" H-beam connecting rods, premium forged pistons from companies like Arias, JE, SRP, Mahle, etc., and Clevite bearings. Our competition rotating assemblies are perfect for the most demanding applications.

KIT # STROKE DISP ROD PISTON TYPE DISH/DOME COMPRESSION RATIO BORE SIZES AVAILABLE

89-92 4G63 (6 bolt flange)								020	040
86100	3.465	2.0L	5.900	Arias	INV. DOME	-11cc	8.5	●	●
86110	3.937	2.3L	5.900	Arias	INV. DOME	-20cc	8.5	●	○
93 and up 4G63 (7 bolt flange), Single Piece Thrust									
86120	3.465	2.0L	5.900	Arias	INV. DOME	-11cc	8.5	●	●
86130	3.937	2.3L	5.900	Arias	INV. DOME	-20cc	8.5	●	○

Eagle Specialty Products reserves the right to substitute pistons due to availability, etc.

phone 662.796.7373  
 fax 662.796.7374  
 www.eaglerod.com  
 service@eaglerod.com

**4340  
 H-BEAM  
 1000 HP**

# Nissan / Oldsmobile

## Nissan "ESP" H-Beam Connecting Rods

"ESP" connecting rods are forged from 4340 steel and utilize 3/8" ARP2000 bolts with alignment sleeves for a perfect fit. Packaged in weight-matched sets (+/- 1g). Sizing is done on the state of the art Sunnen Krossgrinding™ system. "ESP" connecting rods are the perfect choice for engines up to 900 HP (4 cylinder) or 1500HP (6 Cylinder).

LENGTH	PART NUMBER	WEIGHT	NOTES
2960cc	VG30 (90 and later 300zx, maxima)		
6.071	CRS6071N3D	580	
	SR20DE(T) (Sentra, 200SX, NX2000, Silvia)		
5.365	CRS5365N3D	535	
	VQ35 (350Z, G35, Maxima)		
5.680	CRS5680N3D	555	
	RB26DETT (Skyl line)		
4.783	CRS4783N3D	495	
	KA24 (240SX, Altima, Hardbody pickup)		
6.496	CRS6496N3D	630	



Pin Bushings	EAGB776	For CRS4783N3D, Each
Pin Bushings	EAGB808	For CRS6071N3D, CRS5365N3D & CRS5680N3D, Each
Rod Bolts	EAG20060	Set of 8
Alignment Sleeves	EAG10004	Each

## Oldsmobile 455 "ESP" H-Beam Connecting Rods

"ESP" connecting rods are forged from 4340 steel and utilize 7/16" ARP 8740 bolts with alignment sleeves for a perfect fit. Packaged in weight-matched sets (+/- 1g). Sizing is done on the state of the art Sunnen Krossgrinding™ system. "ESP" connecting rods are the perfect choice for engines up to 900 HP.

LENGTH	PART NUMBER	WEIGHT	NOTES
6.735	CRS6735O3D	820	Stock
7.100	CRS7100N3D	Call	Stroker rod for 2.100" pin & 990" piston pin
Pin Bushings	EAGB776	Each	
Rod Bolts	EAG20060	7/16" ARP 8740, Set of 16	
Alignment Sleeves	EAG10004	Each	



## "ESP" Cast Steel Crankshafts

"ESP" cast steel crankshafts offer an excellent alternative to reworking a factory cast crankshaft. They are manufactured with 0.092" radius on all journals, rear seal and snout for added strength while still using OE style bearings. Each crankshaft is inspected for dimension, size, and stroke accuracy. Target bobweight is +/- 2% Guaranteed! Recommended in applications up to 700 HP. Designed for external balance.

STROKE	PART NUMBER	BOBWEIGHT	NOTES
4.250	104554260	2425	OE balance
4.500	104554500	call	

## Oldsmobile Rotating Assemblies

Our Street and Strip Rotating Assemblies offer the perfect balance of strength, performance, reliability and affordability. Each kit includes a cast steel crankshaft, Eagle "3D" connecting rods, forged pistons from companies like Arias, JE, SRP, Mahle, etc., Perfect Circle rings, and Clevite 77 bearings. Street and Strip assemblies are the perfect choice for engines up to 700 HP. Designed for external balance.

KIT #	STROKE	DISP	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO	BORE SIZES AVAILABLE			
									80cc	030	060	
42100	4.250	460	6.735	SRP	FLAT	-5cc	FF	11.6	●		●	new
42120	4.500	487	7.100	SRP	FLAT	TBA	FF	TBA	●		●	new

Eagle Specialty Products reserves the right to substitute pistons due to availability, etc.

Eagle Specialty Products

8530 Aaron Lane

Southaven, MS 38671

## Pontiac 400 "ESP" H-Beam Connecting Rods

"ESP" connecting rods are forged from 4340 steel and utilize 7/16" ARP 8740 bolts with alignment sleeves for a perfect fit. Packaged in weight-matched sets (+/- 1g). Sizing is done on the state of the art Sunnen Krossgrinding™ system.

"ESP" connecting rods are the perfect choice for engines up to 850 HP.

LENGTH	PART NUMBER	WEIGHT	NOTES
6.625	CRS6625P3D	760	Bushed
6.625	CRS6625PP3D	760	Press Fit
6.800	CRS68003D	815	Use with stroker crank, 2.200 rod journal, 0.990 pin



Pin Bushings	EAGB990	Each
Rod Bolts	EAG12080	Set of 16 ARP 8740
Rod Bolts	EAG20030	Set of 16 ARP 2000
Alignment Sleeves	EAG10000	Each

## "ESP" Cast Steel Crankshafts

"ESP" cast steel crankshafts offer an excellent alternative to reworking a factory cast crankshaft. They are manufactured with 0.092" radius on all journals, rear seal and snout for added strength while still using OE style bearings. Each crankshaft is inspected for dimension, size, and stroke accuracy. Target bobweight is +/- 2% Guaranteed! Recommended in applications up to 700 HP. Designed for internal balance. Approx. weight is 68 Lbs.



STROKE	PART NUMBER	BOBWEIGHT	NOTES
4.250	104004250	2280	Must use CRS67003D or CRS68003D

## Street & Strip Rotating Assemblies

Our Street & Strip Rotating Assemblies offer the perfect balance of strength, performance, reliability and affordability. Each kit includes: an "ESP" cast steel crankshaft, "ESP" H-beam connecting rods, forged pistons from companies like Arias, JE, SRP, Mahle, etc., Perfect Circle rings, and Clevite 77 bearings. Street & Strip assemblies are the perfect choice for engines up to 700 HP. Standard bore size is 4.120". Designed for Internal balance.



Crank	Rods	Max HP
<b>CAST</b>	<b>H-BEAM</b>	<b>700</b>

KIT#	STROKE	DISP	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO			BORE SIZES AVAILABLE	
								75.2cc	85cc	111cc	0.035	0.065
51400	4.250	461	6.800	SRP	FLAT	-5cc	FF	11.5	10.4	8.5	●	●

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 www.eaglerod.com  
 service@eaglerod.com

## Pontiac 455

### "ESP" H-Beam Connecting Rods

"ESP" connecting rods are forged from 4340 steel and utilize 7/16" ARP 8740 bolts with alignment sleeves for a perfect fit. Packaged in weight-matched sets (+/- 1g). Sizing is done on the state of the art Sunnen Krossgrinding™ system.

"ESP" connecting rods are the perfect choice for engines up to 850 HP.

LENGTH	PART NUMBER	WEIGHT	NOTES
6.625	CRS6625P3D	760	Bushed
6.625	CRS6625PP3D	760	Press Fit
6.800	CRS68003D	815	Use with stroker crank, 2.200 rod journal, 0.990 pin
Pin Bushings		EAGB990	Each
Rod Bolts		EAG12080	Set of 16 ARP 8740
Rod Bolts		EAG20030	Set of 16 ARP 2000
Alignment Sleeves		EAG10000	Each



### "ESP" Cast Steel Crankshafts

"ESP" cast steel crankshafts offer an excellent alternative to reworking a factory cast crankshaft. They are manufactured with 0.092" radius on all journals, rear seal and snout for added strength while still using OE style bearings. Each crankshaft is inspected for dimension, size, and stroke accuracy. Target bobweight is +/- 2% Guaranteed! Recommended in applications up to 700 HP. Designed for internal balance. Approx. weight is 68-70 Lbs.

STROKE	PART NUMBER	BOBWEIGHT	NOTES
4.210	104554210	2280	Factory Balance ,Use CRS6625P3D or CRS6625PP3D
4.250	104554250	2280	Must use CRS68003D



### Street & Strip Rotating Assemblies

Our Street & Strip Rotating Assemblies offer the perfect balance of strength, performance, reliability and affordability. Each kit includes: an "ESP" cast steel crankshaft, "ESP" H-beam connecting rods, premium forged pistons from companies like Arias, JE, SRP, Mahle, etc., Perfect Circle rings, and Clevite 77 bearings. Street & Strip assemblies are the perfect choice for engines up to 700 HP. Available in 4.185" bore only. Designed for Internal balance.

Crank	Rods	Max HP
<b>CAST</b>	<b>H-BEAM</b>	<b>700</b>



KIT#	STROKE	DISP	ROD	PISTON	TYPE	DISH/DOME	RINGS	COMPRESSION RATIO			BORE SIZES AVAILABLE
								75.2cc	85cc	111cc	
51402	4.210	463	6.625	SRP	FLAT	-5cc	FF	11.5	10.5	8.5	●
51403	4.250	468	6.800	SRP	FLAT	-5cc	FF	11.6	10.6	8.6	●

Eagle Specialty Products reserves the right to substitute pistons due to availability, etc.

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Southaven, MS 38671

# Subaru / Toyota

## Subaru EJ18/20/22

### "ESP" H-Beam Connecting Rods

"ESP" connecting rods are forged from 4340 steel and utilize 3/8" ARP2000 bolts with alignment sleeves for a perfect fit. Packaged in weight-matched sets (+/- 1g). Sizing is done on the state of the art Sunnen Krossgrinding™ system. "ESP" connecting rods are the perfect choice for engines up to 900 HP.



LENGTH	PART NUMBER	WEIGHT	NOTES
5.137	CRS5137S3D	530	
	Pin Bushings	EAGB928	Each
	Rod Bolts	EAG20050	Set of 8
	Alignment Sleeves	EAG10004	Each

## Toyota

### "ESP" H-Beam Connecting Rods

"ESP" connecting rods are forged from 4340 steel and utilize 3/8" ARP2000 bolts with alignment sleeves for a perfect fit. Packaged in weight-matched sets (+/- 1g). Sizing is done on the state of the art Sunnen Krossgrinding™ system. "ESP" connecting rods are the perfect choice for engines up to 900 HP(4 cylinder) or 1500HP (6 Cylinder).



LENGTH	PART NUMBER	WEIGHT	NOTES
	3TC 82-86		
4.850	CRS4850TA3D	545	
	3SGTE (89 and later Celica all-Trac, 91-97 MR2 Turbo)		
5.428	CRS5428T3D	555	
	2JZGTE		
5.590	CRS5590T3D	590	
	2366cc 22R		
5.819	CRS5819T3D	585	7/16" Bolts
	7MGTE		
5.984	CRS5984T3D	615	

Pin Bushings	EAGB810	For CRS4850TA3D, CRS5590T3D & CRS5819T3D, Each
Pin Bushings	EAGB808	For CRS5428T3D & CRS5984T3D, Each
Rod Bolts	EAG20050	Set of 8
Rod Bolts	EAG201500	Each
Alignment Sleeves	EAG10004	Each



## Harley Davidson EVO

### "ESP" H-Beam Connecting Rods

Eagle HD connecting rods are forged from 4340 steel and are weight-matched on reciprocating end (+/- 1g). They are multi stage heat treated and 100% machined on all surface areas. Have silicon bronze bushing for floating piston pin.

LENGTH	PART NUMBER	WEIGHT	NOTES
7.440	CRS7440U	Call	Unfinished B.E. Sizing

\*\*Eagle Specialty Products is in no way affiliated with Harley Davidson Co, use is for application only.

phone 662.796.7373  
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 www.eaglerod.com  
 service@eaglerod.com

# Accessories

## Spacer Bearings

Time proven design. Simple, yet an effective method to use Chevrolet 350 crankshaft in a 400 block. No machine work required, just snap them in.

PART NUMBER

EAG5620

## "ESP" Rod Departer

An innovative, yet simple tool to separate stubborn rod caps from the rod. Adjustable jaws allow for use on most any connecting rod from 1.880 to 2.800. Created from a durable and fully machined steel. Works on stock type rods and on aftermarket rods to prevent damaging the critical alignment sleeves. Shipping weight is 25 lbs.

PART NUMBER

RD1000

## Silicon Bronze Pin Bushings

APPLICATION	ID	OD	LENGTH	PART #
Honda	0.695	0.810	0.700	B748
Acura	0.775	0.890	0.708	B775
Nissan	0.808	0.927	0.992	B808
SB Chevy, Ford	0.865	0.972	1.050	B927
SB Chevy, Ford	0.900	0.972	1.012	B928
BB Chevy, Pontiac	0.925	1.042	1.115	B990
BB Chevy, Pontiac	0.962	1.042	1.062	B991
SB Chrysler	0.930	1.042	1.055	B984
BB Chrysler	0.930	1.042	1.242	B990C
BB Chrysler	1.040	1.155	1.235	B1094
BB Ford	0.988	1.105	1.230	B1040

## "ESP" Rod Bolt Stretch Gauge

ESP's specially designed bolt stretch gauges are now in stock with a new technological design, lower price and are now powder coated for appearance and durability. Package includes dial indicator, adjusting wrench and user instructions.

PART NUMBER

EAG5010

## Chevy Big Block Crankshaft Adapter

Enables the use of early style Mark IV 2-piece rear seal crankshafts in the Mark V & VI 1-piece rear seal blocks. Must use late style oil pan.

PART NUMBER

EAG500



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## Rod Cap Alignment Sleeves

## ARP Bolts

PART #	NOTES
EAG10000	For 7/16" bolts, Each
EAG10003	For 5/16" bolts, Each
EAG10004	For 3/8" bolts, each, 0.438" O.D.
EAG10005	For 3/8" bolts, each 0.441" O.D.



BOLTS	UNDER HEAD LENGTH	# IN SET	PART #
7/16" ARP8740	1.600	16	EAG12000
7/16" ARP8740	1.750	16	EAG12080
7/16" ARP8740	1.800	16	EAG12070
7/16" ARP2000	1.600	16	EAG20000
7/16" ARP2000	1.800	16	EAG20030
7/16" ARPL19	1.600	16	EAG14000
7/16" ARPL19	1.750	16	EAG14020
5/16" ARP2000	1.500	8	EAG20050
3/8" ARP8740	1.500	16	EAG12055
3/8" ARP2000	1.500	8	EAG20060
3/8" ARP2000	1.500	16	EAG20070

## Chevy 4-Bolt Billet Main Caps

"ESP" Alloy steel main caps offer superb strength at an affordable price. Improves performance and reliability by eliminating cap walk and reducing main bearing bore distortion. Fits Chevrolet 2-bolt block cap register without machining. Note: Block must be line bored after main cap installation.



PART #	ENGINE	TYPE
C4102S	350	18 Degree Splayed
C4103S	400	18 Degree Splayed
C4107S	454	0 Degree

## V-8 Moment Matched Bobweight Sets

V-Blocks and setup weights are weight matched within one Gram! Compare with sets selling for much more.



PART #	ALIGNMENT DOWELS	QUICK RELEASE NUTS
8000	NO	NO
8005	NO	YES
8020	YES	NO
8025	YES	YES

## V-6 Moment Matched Bobweight Sets



PART #	ALIGNMENT DOWELS	QUICK RELEASE NUTS
8010	NO	NO
8015	NO	YES
8030	YES	NO
8035	YES	YES

# Labor Codes

## BALANCING

Balancing is available on individual cranks and on assemblies. If the original crank is externally balanced, crank will be externally balanced. If the original crank is internally balanced, crank will be internally balanced. Externally balanced assemblies require the harmonic balancer & flex plate/flywheel for balancing.

### Notes:

(A) Does not include balancer & flywheel/flex plate. (B) Includes new or replacement balancer & automatic trans flex plate. (C) Maximum stroke 3.750", call for longer stroke applications. (D) 4.250" bore to 4.450". (E) 4.451" bore to 4.630". (F) Internally balanced assembly, harmonic balancer & flex plate / flywheel are not included. This crank requires the use of neutral balance balancer & flex plate (NO WEIGHTS)!



Engine	Balance	Part #	Max. bobweight	Notes
Buick 231 V6	Internal	B18	880	(F)
Chevy 350, 383	External	B20	1855	(A)
	External	B21	1855	(B)
	Internal	B10	1855	(C,F)
Chevy 350 LT1	Int/Ext	B16	1855	(A)
Chevy 400	External	B20	1855	(A)
	External	B21	1855	(B)
	Internal	B10	1900	(C,F)
Chevy LS1, LS2, LS6, LQ9, LS7	Internal	B15	1790	(F)
Chevy 396-454	External	B31	2350	(A)
	External	B32	2350	(B)
	Internal	B30	2350	(D,F)
	Internal	B40	2350	(E,F)
Chevy 502	External	B32	2350	(B)
	Internal	B40	2350	(E,F)
Chrysler 340-360	Internal	B85	2000	(F)
Chrysler 400-440	Internal	B80	2500	(F)
Ford 4.6	Internal	B49	1600	(F)
Ford 302	External	B51	1750	(A)
	External	B52	1750	(B)
	Internal	B50	1750	(F)
Ford 351C	External	B58	1900	(A)
	External	B59	1900	(B)
Ford 351W	External	B62	1900	(A)
157 tooth(68-74)	External	B63	1900	(B)
164 tooth(72-80)	External	B64	1900	(B)
	Internal	B61	1900	(F)
Ford 428 FE	Int/Ext.	B68	2300	(A)
	Int/Ext	B69	2300	(B)
Ford 460	External	B66	2350	(A)
	External	B67	2350	(B)
	Internal	B65	2350	(F)
Honda B series	Internal	B90		(F)
Mitsubishi 4G63	Internal	B91		(F)
Oldsmobile 455	External	B42		(B)
Pontiac 400-455	Internal	B70	2280	(F)

Machine 3/16" blower keyway in snout

A100

Machine 1/4" blower keyway in snout

A110

Pendulum cut crank counterweights Reduces crank weight approx 3 lbs.

P100

Machine flywheel flange - Sprint Car

M100

Round cut counterweights (does not include balancing)

M110

ESP Armor - crankshaft - up to

AR100

ESP Armor - 8 cylinder - rod set

AR504

ESP Armor - 6 cylinder - rod set

AR502

ESP Armor - 4 cylinder - rod set

AR500

ESP Armor - Assembly

AR750

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