

STEEL CONNECTING RODS

MANLEY PERFORMANCE STEEL CONNECTING RODS

...OFTEN COPIED, BUT NEVER DUPLICATED!!!



SPORTSMASTER® SERIES

The perfect rod for stock replacement, mild performance applications; particularly where class rules require a "stock appearing" rod. Aircraft quality 4340 alloy forgings, machined cap and outer beam and ARP cap screws make this Manley rod an ideal choice for many budget conscious racers. Lightweight and affordable.



H-BEAM SERIES

- ✓ "R" SUFFIX - ARP 2000 bolt upgrades
- ✓ H-LITES - Lightweight versions with 3/8" ARP 2000 bolts
- ✓ H-PLUS SERIES FOR SPORT COMPACTS - with ARP 625+ cap screws

Don't be fooled; not all H-BEAMS are created equal. Manley H-BEAMS are not only very "economically" priced, but they are finished to the same exacting tolerances and high quality standards as our Sportsmaster® and Pro Series rods. Final hone size, thread detail, bend and twist - these are attributes we take very seriously. You will find the Manley H-BEAM rods superior to others on the market.



PRO SERIES I-BEAM

- ✓ DIRT SERIES (300M ALLOY)
- ✓ TURBO TUFF DESIGN FOR SPORT COMPACTS
- ✓ "NHRA LEGAL" SUPER STOCK
- ✓ TOUR LITES®

The Manley Pro Series I-BEAM rod has become the benchmark for fully machined/billet style high end connecting rods in the performance industry. Lightweight and standard weight designs targeting specific markets combined with our finely tuned manufacturing process renders a truly outstanding product. Whether it be our 300M alloy "DIRT SERIES" rod in a 900 HP DLM engine, 4340 material "lightweight" design in a twin turbo Chevy LS or our "TURBO TUFF" design in a 1000+ HP Mitsubishi EVO, Manley has the right connecting rod for you!!!

NOTE: You will see that we list "horsepower ratings" for each different series/application of Manley connecting rods. However, it is very important to understand that these "ratings" are somewhat subjective. The critical factors that significantly influence the fatigue life of connecting rods (and the horsepower rating) are RPM, stroke and piston weight. In certain cases, our horsepower ratings may be conservative.

STEEL CONNECTING RODS

SMALL BLOCK CHEVROLET "H" BEAM RODS STANDARD WEIGHT SERIES

- ✓ Manufactured from 4340 forgings
- ✓ Heat treated, stress relieved, shot peened and 100% magnafluxed
- ✓ Weight matched sets ± 1.5 grams
- ✓ Cap fasteners are premium 7/16" ARP 8740 or optional ARP 2000 cap screws
- ✓ Horsepower range for these rods: 725 H.P (ARP 8740), 775 H.P (ARP 2000)



Horsepower range is affected by rpm, stroke and piston weight.

ARP 8740 Part No.	ARP 2000 Part No.	Length	Journal Size	Center-to Center	Big End Bore	Pin Bore	Gram Weight
14050-8	14050R-8	Stock	Large	5.700"	2.225"	.9281"	630
14054-8	14054R-8	.300" Longer	Large	6.000"	2.225"	.9281"	640
14055-8	14055R-8	.425" Longer	Large	6.125"	2.225"	.9281"	664
14056-8	14056R-8	.425" Longer	Small	6.125"	2.125"	.9281"	642
14051-8	14051R-8	.025" Longer LS-1	Large No Offset	6.125"	2.225"	.9281"	656
14053-8	14053R-8	.025" Longer LS-1	Large No Offset	6.125"	2.225"	.9457"	643

P/N 14051 and 14053 are for Small Block Chevy LS-1 engines with pistons ready to accept 6.125" length rods. Stock LS-1 rods are 6.100" long. Note the pin bore on the 14051-8 is .9281". Stock LS-1 pins are .945" diameter. These rods are also provided with "Low Profile" cap screws enabling extra block and oil pan clearance on stroker applications.



P/N 14050-8 is NHRA Legal for Stock & Super Stock.



P/N 14054-8 is NHRA Legal for Olds 307, 350, 403.

H-LITE SERIES

- ✓ Manufactured from 4340 forgings
- ✓ Heat treated, stress relieved, shot peened and 100% magnafluxed
- ✓ Weight matched sets ± 1.5 grams
- ✓ Cap fasteners are premium 3/8" ARP 2000 cap screws
- ✓ Horsepower range for these rods is 600 H.P.



Horsepower range is affected by rpm, stroke and piston weight.

Part No.	Length	Journal Size	Center-to Center	Big End Bore	Pin Bore	Gram Weight
14034-8	.300" Longer	Large	6.000"	2.225"	.9281"	595
14031-8	.025" Longer LS-1	Large No Offset	6.125"	2.225"	.9281"	605
14033-8	.025" Longer LS-1	Large No Offset	6.125"	2.225"	.9457"	601

P/N 14031-8 and 14033-8 are for Small Block Chevy LS-1 engines with pistons ready to accept 6.125" length rods. Stock LS-1 rods are 6.100" long. Note the pin bore on the 14031-8 is .9281". Stock LS-1 pins are .945" diameter.

COMMON FEATURES

Attribute	Dimension
Crankpin Small Journal	2.000"
Crankpin Large Journal	2.100"
Big End Width	.941"
Pin End Width	1.060"

Private brand identification available.



P/N 14031-8 is NHRA Legal for Stock & Super Stock.

REPLACEMENT PARTS

Part No.	Quantity	Description
42350-4	4 pcs.	3/8" ARP 2000 Cap Screws 1.500" UHL
42354-4	4 pcs.	7/16" ARP 8740 Cap Screws 1.450" UHL
42361-4	4 pcs.	7/16" ARP 8740 Cap Screws 1.600" UHL
42390-4	4 pcs.	7/16" ARP 2000 Cap Screws 1.450" UHL
42249-4	4 pcs.	7/16" ARP 2000 Cap Screws 1.600" UHL
42384-4	4 pcs.	7/16" ARP 2000 Cap Screws 1.650" UHL
42315-8	8 pcs.	Ampco Pin Bushings
42395L-8	8 pcs.	Ampco Pin Bushings (14031, 14051)
42274-16	16 pcs.	Dowel Bushings 3/8"
42316-16	16 pcs.	Dowel Bushings 7/16"

STEEL CONNECTING RODS

SMALL BLOCK CHEVROLET SPORTSMASTER® RODS

- ✓ Forged from aircraft quality 4340 material
- ✓ Entire beam and cap area is profiled to remove stress risers and render the lightest possible rod
- ✓ Shot peened after machining to Mil specs and 100% individually magnafluxed
- ✓ Cap fasteners are 3/8" ARP 8740 cap screw
- ✓ Premium Ampco pin bushings
- ✓ Horsepower range for these rods is 550 H.P. at 8000 rpm

Horsepower range is affected by rpm, stroke and piston weight.



Part No.	Length	Journal Size	Center-to Center	Big End Bore	Pin Bore	Gram Weight
14101C-8	Stock	Large	5.700"	2.225"	.9281"	555
14101-8	Stock	Large	5.700"	2.225"	.9281"	555
14104-8	Stock	Large	5.700"	2.225"	.8758"	570
14112-8	Stock	Large	5.700"	2.225"	Press	564
14112A-8	Stock	Large	5.700"	2.225"	Press	564
14116-8	.150" Longer	Large	5.850"	2.225"	.9281"	573
14103-8	.300" Longer	Large	6.000"	2.225"	.9281"	578
14106-8	.400" Longer	Large	6.100"	2.225"	.9281"	593
14114-8	.400" Longer	Large	6.100"	2.225"	.9457"	592
14113-8	.425" Longer	Large	6.125"	2.225"	.9281"	595
with stock 24 mm LS-1 wrist pin - must use pistons with floating pins						
14109-8	Stock	Small	5.700"	2.125"	Press	568
14109A-8	Stock	Small	5.700"	2.125"	Press	568
14105-8	Stock	Small	5.700"	2.125"	.9281"	571
14108-8	Stock	Small	5.700"	2.125"	.8758"	579
14107-8	.300" Longer	Small	6.000"	2.125"	.9281"	575

P/N 14106-8 and 14114-8 have no offset on the crank journal, same as the stock LS-1 connecting rods.

COMMON FEATURES

Attribute	Dimension
Crankpin Sm. Jnl.	2.000"
Crankpin Lg. Jnl.	2.100"
Big End Width	.940"
Pin End Width	.980"

REPLACEMENT PARTS

Part No.	Quantity	Description
42383-4	4 pcs.	3/8" ARP 8740 Cap Screws
42310-8	8 pcs.	.927" Ampco Pin Bushings (.990" O.D.)
42366-8	8 pcs.	.927" Ampco Pin Bushings (.997" O.D.)
42308-8	8 pcs.	.875" Ampco Pin Bushings
42385-16	16 pcs.	Dowel Bushings 3/8"

CONNECTING RODS



Bitner Automotive



P/N 14101C-8 is CASCAR Legal

P/Ns 14101-8, 14104-8, 14112-8, 14105-8, 14106-8, 14108-8, 14109-8 and 14114-8 are NHRA Legal for Stock & Super Stock

P/Ns 14101-8, and 14104-8 are legal for Chevy 4.3 V-6.
P/N 14103-8 is legal for Olds 307, 350, & 403

P/Ns 14106-8 and 14114-8 are NHRA Legal for Small Block Chevy LS-1.
P/N 14116-8 is NHRA Legal for AMC 390 - 401

P/Ns 14109A-8 and 14112A-8 are APBA Legal

STEEL CONNECTING RODS

SMALL BLOCK CHEVROLET NHRA LEGAL SUPER STOCK PRO SERIES "I" BEAM RODS

- ✓ Manufactured from 4340 aircraft quality vacuum degassed material
- ✓ Fully machined to produce the lightest and strongest rod possible
- ✓ Shot peened after machining to Mil specs and 100% individually magnafluxed
- ✓ Cap fasteners are 3/8" ARP 2000 cap screws (14359 has 7/16" ARP 2000)
- ✓ Horsepower range for these rods is 700+ H.P.

Horsepower range is affected by rpm, stroke and piston weight.



Part No.	Length	Journal Size	Center-to-Center	Big End Bore	Pin Bore	Gram Weight
14340-8	Stock 350	Honda/IRL	350 CHEVROLET 5.700"	2.008"/2.015"	.8671" to .9281"	540
14440-8	Stock 350	Small	5.700"	2.125"	.8761" to .9281"	560
14441-8	Stock 350	Large	5.700"	2.225"	.8761" to .9281"	550
14439-8	Stock 400	Large	400 CHEVROLET 5.565"	2.225"	.8761" to .9281"	544
14443-8	Stock LS-1	Honda/IRL	LS-1 CHEVROLET 6.100"	2.008"/2.015"	.8671" to .9281"	585
14359-8	.025" Longer LS-1	Large	6.125"	2.225"	.9281"	609

P/N 14359-8 is for Small Block Chevy LS-1 engines with pistons ready to accept 6.125" length rods. Stock LS-1 rods are 6.100" long. Note the pin bore is .9281". Stock LS-1 pins are .945" diameter. The 14359-8 has no offset on the crank journal, same as the stock LS-1 connecting rods.

P/N's 14340 and 14443 REQUIRE use of one of the connecting rod bearings listed below. To order rods finished to the exact size for Federal Mogul bearings, affix an "F" after the rod part number. For rods finished to exact size for Clevite® bearings, affix a "C" after the rod part number. In addition, you MUST specify which Clevite® bearing will be used.

You must specify the exact final size pin bore desired.

BEARING CHART

Bearing Type	Part No.	Big End Bore	Crank Pin
Federal Mogul	7195CH	2.008"	1.8885" Honda
Clevite®	CB1456P	2.008"	1.8885" Honda
Clevite®	CB1663	2.015"	1.8885" Honda
Clevite®	CB1664	2.008"	1.8500" IRL

COMMON FEATURES

Attribute	Dimension
Crankpin Honda/IRL	1.8885"/1.8500"
Crankpin Sm. Jnl.	2.000"
Crankpin Lg. Jnl.	2.100"
Big End Width	.940"
Pin End Width	1.000"

REPLACEMENT PARTS

Part No.	Quantity	Description
42350-4	4 pcs.	3/8" ARP 2000 Cap Screws (1.500 UHL)
42351-4	4 pcs.	3/8" ARP 2000 Cap Screws (1.600 UHL)
42390-4	4 pcs.	7/16" ARP 2000 Cap Screws (14359)
42345-8	8 pcs.	Ampco Pin Bushings for .875" pin
42393-8	8 pcs.	Ampco Pin Bushings for .927" pin
42307-8	8 pcs.	Ampco Pin Bushings for 14359
42380-16	16 pcs.	Dowel Bushings 3/8" (14340)
42385-16	16 pcs.	Dowel Bushings 3/8"
42392-16	16 pcs.	Dowel Bushings 7/16" (14359)
40172	1 pc.	Rod Bolt Assembly Lube



Allan Patterson
Patterson Racing

CONNECTING RODS

STEEL CONNECTING RODS

SMALL BLOCK CHEVROLET TOUR LITE® "I" BEAM RODS 4340 MATERIAL

- ✓ Forged from 4340 aircraft quality material
- ✓ Fully machined to produce the lightest and strongest rod possible
- ✓ 3/8" ARP 2000, ARP 625+, 3/8" ARP 3.5, or 3/8" CARR cap screws
- ✓ Shot peened after machining to Mil specs and 100% individually magnafluxed
- ✓ Horsepower range is 600 H.P.



Horsepower range is affected by rpm, stroke and piston weight.

Part No.	Length	Journal Size	Center-to Center	Big End Bore	Gram Weight
14340-8	Stock Length	Honda / IRL	5.700"	2.008" / 2.015"	540 / 548
14344-8	.300" Longer	Honda / IRL	6.000"	2.008" / 2.015"	540 / 548
14345-8	.425" Longer	Honda / IRL	6.125"	2.008" / 2.015"	545 / 553

Above rods REQUIRE use of one of the connecting rod bearings listed below. To order rods finished to the exact size for Federal Mogul bearings, affix an "F" after the rod part number. For rods finished to exact size for Clevite® bearings, affix a "C" after the rod part number. In addition, you MUST specify which Clevite® bearing will be used.

Above rods are supplied with 1.600" under head length 3/8" ARP 2000 cap screw fasteners P/N 42351. Upgraded 3/8" ARP Custom Age 625+ cap screws P/N 42321, 3/8" ARP 3.5 cap screws P/N 42358 or 3/8" CARR cap screws P/N 42357 are available. To order upgraded fasteners, affix an "R6" for the ARP Custom Age 625+, "RA" for the ARP 3.5 or an "R" for the CARR after the rod part number.

Part No.	Length	Journal Size	Center-to Center	Big End Bore	Gram Weight
14240-8	Stock Length	Small	5.700"	2.125"	517
14242-8	.150" Longer	Small	5.850"	2.125"	521
14244-8	.300" Longer	Small	6.000"	2.125"	527
14245-8	.425" Longer	Small	6.125"	2.125"	530
14140-8	Stock Length	Large	5.700"	2.225"	516
14142-8	.150" Longer	Large	5.850"	2.225"	517
14144-8	.300" Longer	Large	6.000"	2.225"	524
14145-8	.425" Longer	Large	6.125"	2.225"	529

All connecting rods above are supplied with 1.600" under head length 3/8" ARP 2000 cap screw fasteners P/N 42351. Upgraded 3/8" ARP 3.5 cap screws P/N 42358 or 3/8" CARR cap screws P/N 42357 are available. To order upgraded fasteners, affix an "RA" for the ARP 3.5 or an "R" for the CARR after the rod part number.

Lengths other than these typical sizes may become popular after publication of this catalog. Please inquire about lengths not listed as we may have subsequently added applications. Also, we can manufacture 40 pieces of these rods at special lengths for no additional charge.

BEARING CHART

Bearing Type	Part No.	Big End Bore	Crank Pin
Federal Mogul	7195CH	2.008"	1.8885" Honda
Clevite®	CB1456P	2.008"	1.8885" Honda
Clevite®	CB1663	2.015"	1.8885" Honda
Clevite®	CB1664	2.008"	1.8500" IRL

COMMON FEATURES

Attribute	Honda / IRL	Small Journal	Large Journal
Crankpin	1.8885" / 1.8500"	2.000"	2.100"
Pin Bore	.9281"	.9281"	.9281"
Big End Width	.940"	.940"	.940"
Pin End Width	1.000"	.980"	.980"

REPLACEMENT PARTS

Part No.	Quantity	Description
42351-4	4 pcs.	3/8" ARP 2000 Cap Screws
42321-4	4 pcs.	3/8" ARP Custom Age 625+ Cap Screws
42358-4	4 pcs.	3/8" ARP 3.5 Cap Screws
42357-4	4 pcs.	3/8" CARR Cap Screws
42310-8	8 pcs.	Ampco Pin Bushings .975" long
42393-8	8 pcs.	Ampco Pin Bushings .995" long
42380-16	16 pcs.	Dowel Bushings 3/8" .900" long
42398-16	16 pcs.	Dowel Bushings 3/8" .960" long
40172	1 pc.	Rod Bolt Assembly Lube



P/N 14340 is NHRA Legal for Stock & Super Stock.

STEEL CONNECTING RODS

SMALL BLOCK CHEVROLET PRO SERIES "I" BEAM RODS LIGHTWEIGHT



- ✓ Forged from 4340 aircraft quality vacuum degassed material
- ✓ Fully machined to produce the lightest and strongest rod possible
- ✓ Shot peened after machining to Mil specs and 100% individually magnafluxed
- ✓ Cap fasteners are 7/16" ARP 2000 or optional 7/16" ARP Custom Age 625+ cap screws
- ✓ Horsepower range for these rods is 750 H.P.

Horsepower range is affected by rpm, stroke and piston weight.

Part No.	Length	Journal Size	Center-to Center	Big End Bore	Gram Weight
14450-8	Stock	Small	5.700"	2.125"	597
14452-8	.150" Longer	Small	5.850"	2.125"	603
14454-8	.300" Longer	Small	6.000"	2.125"	606
14455-8	.425" Longer	Small	6.125"	2.125"	612
14350C-8	Stock	Large	5.700"	2.225"	599
14350-8	Stock	Large	5.700"	2.225"	599
14352-8	.150" Longer	Large	5.850"	2.225"	605
14354-8	.300" Longer	Large	6.000"	2.225"	607
14355-8	.425" Longer	Large	6.125"	2.225"	609
14359-8	.025" Longer LS-1	Large No Offset	6.125"	2.225"	609

P/N 14359-8 is for Small Block Chevy LS-1 engines with pistons ready to accept 6.125" length rods. Stock LS-1 rods are 6.100" long. Note the pin bore is .9281". Stock LS-1 pins are .945" diameter. The 14359-8 has no offset on the crank journal, same as the stock LS-1 connecting rods.

All connecting rods on this page are supplied with 1.450" under head length 7/16" ARP cap screw fasteners P/N 42390. Upgraded 7/16" ARP Custom Age 625+ cap screws P/N 42252 are available. To order upgraded fasteners, affix "R6" after the rod part number.

Lengths other than these typical sizes may become popular after publication of this catalog. Please inquire about lengths not listed as we may have subsequently added applications. Also, we can manufacture 40 pieces of these rods at special lengths for no additional charge.

COMMON FEATURES

Attribute	Small Journal	Large Journal
Crankpin	2.000"	2.100"
Pin Bore	.9281"	.9281"
Big End Width	.940"	.940"
Pin End Width	1.000"	1.000"

REPLACEMENT PARTS

Part No.	Quantity	Description
42390-4	4 pcs.	7/16" ARP 2000 Cap Screws
42252-4	4 pcs.	7/16" ARP Custom Age 625+ Cap Screws
42393-8	8 pcs.	Ampco Pin Bushings (Except 14355, 14359)
42307-8	8 pcs.	Ampco Pin Bushings (14355, 14359)
42392-16	16 pcs.	Dowel Bushings 7/16"
40172	1 pc.	Rod Bolt Assembly Lube



P/N 14350C-8 is CASCAR Legal.



P/N 14350, 14359, & 14450-8 are NHRA Legal for Stock & Super Stock.
P/N 14354-8 is NHRA Legal for Olds 307, 350 and 403.
P/Ns 14352 & 14452 are NHRA Legal for AMC 343 - 390

STEEL CONNECTING RODS

SMALL BLOCK CHEVROLET PRO SERIES "I" BEAM RODS STANDARD WEIGHT



- ✓ Forged from 4340 aircraft quality vacuum degassed material
- ✓ Fully machined to produce the lightest and strongest rod possible
- ✓ Shot peened after machining to Mil specs and 100% individually magnafluxed
- ✓ Cap fasteners are 7/16" ARP 2000 or optional 7/16" ARP Custom Age 625+ cap screws
- ✓ Horsepower range for these rods is 850 H.P.

Horsepower range is affected by rpm, stroke and piston weight.

Part No.	Length	Journal Size	Center-to Center	Big End Bore	Gram Weight
14254-8	.300" Longer	Small	6.000"	2.125"	663
14255-8	.425" Longer	Small	6.125"	2.125"	665
14256-8	.500" Longer	Small	6.200"	2.125"	667
14150C-8	Stock	Large	5.700"	2.225"	655
14150-8	Stock	Large	5.700"	2.225"	655
14152-8	.150" Longer	Large	5.850"	2.225"	675
14154-8	.300" Longer	Large	6.000"	2.225"	664
14155-8	.425" Longer	Large	6.125"	2.225"	668
14157-8	.550" Longer	Large	6.250"	2.225"	680

Dodge Viper V-10

Manley connecting rod 14256 fits the Viper Engine with .927" pins and 2.000" crank pin. Order 1 - **14256-10** for a set of 10 pcs.

All connecting rods on this page are supplied with 1.450" under head length 7/16" ARP cap screw fasteners P/N 42390. Upgraded 7/16" ARP Custom Age 625+ cap screws P/N 42252 are available. To order upgraded fasteners, affix "R6" after the rod part number.

Lengths other than these typical sizes may become popular after publication of this catalog. Please inquire about lengths not listed as we may have subsequently added applications. Also, we can manufacture 40 pieces of these rods at special lengths for no additional charge.

COMMON FEATURES

Attribute	Small Journal	Large Journal
Crankpin	2.000"	2.100"
Pin Bore	.9281"	.9281"
Big End Width	.940"	.940"
Pin End Width	1.000"	1.000"

REPLACEMENT PARTS

Part No.	Quantity	Description
42390-4	4 pcs.	7/16" ARP 2000 Cap Screws
42252-4	4 pcs.	7/16" ARP Custom Age 625+ Cap Screws
42393-8	8 pcs.	Ampco Pin Bushings
42392-16	16 pcs.	Dowel Bushings 7/16"
40172	1 pc.	Rod Bolt Assembly Lube



P/N 14150C-8 is CASCAR Legal.



P/N 14150-8 is NHRA Legal for Stock & Super Stock.
 P/N 14152 is NHRA Legal for AMC 343 - 390

Note: New part numbers are **ITALICIZED**.

STEEL CONNECTING RODS

SMALL BLOCK CHEVROLET

DIRT SERIES - 300 M ALLOY

- ✓ Forged from 300 M aircraft quality material
- ✓ Fully machined to produce the lightest and strongest rod possible
- ✓ Shot peened after machining to Mil specs and 100% individually magnafluxed
- ✓ 7/16" ARP 2000 or 7/16" ARP Custom Age 625+ cap screws
- ✓ Horsepower range is 900 H.P.

Horsepower range is affected by rpm, stroke and piston weight.

Part No.	Length	Journal Size	Center-to Center	Big End Bore	Gram Weight
15552-8	.150" Longer	Small	5.850"	2.125"	630
15554-8	.300" Longer	Small	6.000"	2.125"	635
15555-8	.425" Longer	Small	6.125"	2.125"	645
15556-8	.500" Longer	Small	6.200"	2.125"	650
15542-8	.150" Longer	Large	5.850"	2.225"	635
15544-8	.300" Longer	Large	6.000"	2.225"	640
15545-8	.425" Longer	Large	6.125"	2.225"	650
15546-8	.500" Longer	Large	6.200"	2.225"	655



All Dirt Series connecting rods are supplied with 7/16" ARP 2000 cap screw fasteners P/N 42390. Upgraded 7/16" ARP Custom Age 625+ cap screws P/N 42252 are available. To order upgraded fasteners, affix an "R6" after the rod part number.

Part No.	Length	Journal Size	Center-to Center	Big End Bore	Gram Weight
15564-8	.300" Longer	Honda / IRL	6.000"	2.008" / 2.015"	662 / 660

Above rods REQUIRE use of one of the connecting rod bearings listed in the Bearing Chart. To order rods finished for Federal Mogul bearings, affix an "F" after the rod part number. For rods finished for one of the Clevite® bearings listed, affix a "C" after the rod part number.

BEARING CHART

Bearing Type	Part No.	Big End Bore	Crank Pin
Federal Mogul	7195CH	2.008"	1.8885" Honda
Clevite®	CB1456P	2.008"	1.8885" Honda
Clevite®	CB1663	2.015"	1.8885" Honda
Clevite®	CB1664	2.008"	1.8500" IRL

CUSTOM 300 M RODS

Manley Performance will manufacture 300 M Dirt Series, Tour Lite® or Pro Series "I" Beam connecting rods on a custom order basis in lots of 40 identical pieces. We require a signed blueprint before production.

COMMON FEATURES

Attribute	Honda / IRL	Small Journal	Large Journal
Crankpin	1.8885"/1.850"	2.000"	2.100"
Pin Bore	.9281"	.9281"	.9281"
Big End Width	.940"	.940"	.940"
Pin End Width	.950"	.950"	.950"

REPLACEMENT PARTS

Part No.	Quantity	Description
42390-4	4 pcs.	7/16" ARP 2000 Cap Screws
42252-4	4 pcs.	7/16" ARP Custom Age 625+ Cap Screws
42395-8	8 pcs.	Ampco Pin Bushings .945" Long
42352-16	16 pcs.	Dowel Bushings 7/16" Large Jrnl, Honda Jrnl
42392-16	16 pcs.	Dowel Bushings 7/16" Small Journal
40172	1 pc.	Rod Bolt Assembly Lube



Dan Schlieper
Pro Power Racing

CONNECTING RODS

STEEL CONNECTING RODS

BIG BLOCK CHEVROLET "H" BEAM RODS

- ✓ Manufactured from 4340 forgings
- ✓ Heat treated, stress relieved, shot peened and 100% individually magnafluxed
- ✓ Weight matched sets ± 1.5 grams
- ✓ Cap fasteners are premium 7/16" ARP 8740 or optional ARP 2000 cap screws
- ✓ Horsepower range for these rods: 900 H.P. (ARP 8740), 1200 H.P. (ARP 2000)



Horsepower range is affected by rpm, stroke and piston weight.

ARP 8740 Part No.	ARP 2000 Part No.	Description	Center-to-Center	Big End Bore	Crank Pin	Pin Bore	Gram Weight
14060-8	14060R-8	Stock	6.135"	2.325"	2.200"	.9911"	793
14062-8	14062R-8	.250" Longer	6.385"	2.325"	2.200"	.9911"	810
14066-8	14066R-8	.400" Longer	6.535"	2.325"	2.200"	.9911"	823
14072-8	14072R-8	.565" Longer	6.700"	2.325"	2.200"	.9911"	835

COMMON FEATURES

Attribute	Dimension
Big End Width	.991"
Pin End Width	1.125"

REPLACEMENT PARTS

Part No.	Quantity	Description
42361-4	4 pcs.	7/16" ARP 8740 Cap Screws
42249-4	4 pcs.	7/16" ARP 2000 Cap Screws
42327-8	8 pcs.	Pin Bushings
42316-16	16 pcs.	Dowel Bushings



P/N 14060-8 is NHRA Legal for Stock & Super Stock.

SPORTSMASTER® RODS

- ✓ Forged from aircraft quality 4340 material
- ✓ Entire beam and cap are profiled to remove stress risers and render the lightest possible rod
- ✓ Shot peened after machining to Mil specs and 100% individually magnafluxed
- ✓ Cap fasteners are 7/16" ARP 8740 cap screws
- ✓ Premium Ampco pin bushings
- ✓ Horsepower range for these rods is 800 H.P.



Horsepower range is affected by rpm, stroke and piston weight.

Part No.	Description	Center-to-Center	Big End Bore	Pin Bore	Gram Weight
14131-8	Stock	6.135"	2.325"	.9911"	798
14132-8	.250" Longer	6.385"	2.325"	.9911"	825

COMMON FEATURES

Attribute	Dimension
Crankpin	2.200"
Big End Width	.990"
Pin End Width	1.060"

REPLACEMENT PARTS

Part No.	Quantity	Description
42239-4	4 pcs.	7/16" ARP 8740 Cap Screws
42394-8	8 pcs.	.990" Ampco Pin Bushings
42387-16	16 pcs.	Dowel Bushings 7/16"



P/N's 14131-8 & 14135-8 are NHRA Legal for Stock & Super Stock.

STEEL CONNECTING RODS

BIG BLOCK CHEVROLET PRO SERIES "I" BEAM RODS

- ✓ Forged from 4340 aircraft quality vacuum degassed material
- ✓ Fully machined to produce the lightest and strongest rod possible
- ✓ Shot peened after machining to Mil specs and 100% individually magnafluxed
- ✓ Cap fasteners are 7/16" ARP 2000 cap screws
- ✓ Horsepower range for these rods is listed below



Horsepower range is affected by rpm, stroke and piston weight.

Part No.	Description	Center-to-Center	Big End Bore	Crank Pin	Pin Bore	Gram Weight	Horsepower Oval Track	Horsepower Drag Race
14160-8	Stock Length	6.135"	2.325"	2.200"	.9911"	778	850	1,000
14162-8	.250" Longer	6.385"	2.325"	2.200"	.9911"	736	850	1,000
14166-8	.400" Longer	6.535"	2.325"	2.200"	.9911"	755	850	1,000
14167-8	.400" Longer Marine Duty	6.535"	2.325"	2.200"	.9911"	847	1,000	1,500
14168-8	.500" Longer	6.635"	2.325"	2.200"	.9911"	830	1,000	1,500
14170-8	.525" Longer	6.660"	2.325"	2.200"	.9911"	835	1,000	1,500
14172-8	.565" Longer	6.700"	2.325"	2.200"	.9911"	866	1,000	1,500
14272-8	.565" Longer Stroker version of the 14172.	6.700"	2.325"	2.200"	.9911"	777	850	1,000
14173-8	.665" Longer	6.800"	2.325"	2.200"	.9911"	867	1,000	1,500
14266-8	.400" Longer w/ SBC Lg. Jnl. Big End	6.535"	2.225"	2.100"	.9911"	735	850	1,000
14446-8	Stock Length Super Stock w/ Honda Jnl. Big End	6.135"	2.008"/2.015"/1.885"	Honda	.9281"	770	850	1,000

P/N 14167, 14168, 14172, 14173, and 14266 can be fitted with ARP Custom Age 625+ bolts. To order these rods with upgraded bolts, affix an "R6" to the part number.

COMMON FEATURES

Attribute	Dimension
Big End Width (14446)	.940"
Big End Width (Except 14446)	.990"
Pin End Width	1.125"



P/N 14160-8, 14446-8 are NHRA Legal for Stock & Super Stock.
P/N 14168-8 is NHRA Legal for Ford 429, 460
P/N 14168-8 is NHRA Legal for Pontiac 350-455.

REPLACEMENT PARTS

Part No.	Quantity	Description
42384-4	4 pcs.	7/16" ARP 2000 Cap Screws (14160, 14162, 14166, 14170, 14272, 14446)
42391-4	4 pcs.	7/16" ARP 2000 Cap Screws (14167, 14168, 14172, 14173)
42397-4	4 pcs.	7/16" ARP Custom Age 625+ Cap Screws (14167R6, 14168R6, 14172R6, 14173R6)
42390-4	4 pcs.	7/16" ARP 2000 Cap Screws (14266)
42252-4	4 pcs.	7/16" ARP Custom Age 625+ Cap Screws (14266R6)
42304-8	8 pcs.	Ampco Pin Bushings (14446)
42327-8	8 pcs.	Ampco Pin Bushings (Except 14446)
42352-16	16 pcs.	Dowel Bushings 7/16" (14160,14162,14166,14170)
42387-16	16 pcs.	Dowel Bushings 7/16" (14167,14168,14172,14173)
42392-16	16 pcs.	Dowel Bushings 7/16" (14272, 14266, 14446)
40172	1 pc.	Rod Bolt Assembly Lube

CONNECTING RODS

STEEL CONNECTING RODS

CHRYSLER 360 SPORTSMASTER® RODS & PRO SERIES "I" BEAM RODS

- ✓ Forged from aircraft quality 4340 material
- ✓ Entire Sportsmaster® beam is profiled to remove stress risers and render the lightest possible rod
- ✓ Shot peened after machining to Mil specs and 100% individually magnafluxed
- ✓ Cap fasteners for 14139C-8 are 3/8" ARP 8740 cap screws
- ✓ Cap fasteners for 14355C-8 are 7/16" ARP 2000 cap screws
- ✓ Premium Ampco pin bushings
- ✓ Horsepower range for 14139C-8 rods is 550 H.P.
- ✓ Horsepower range for 14355C-8 rods is 750 H.P.

Horsepower range is affected by rpm, stroke and piston weight.



Sportsmaster® Pro Series Lightweight "I" Beam

Part No.	Description	Center-to Center	Big End Bore	Big End Width	Crank Pin	Pin End Width	Pin Bore	Gram Weight
SPORTSMASTER® RODS								
14139C-8	Sportsmaster®	6.125"	2.250"	.933"	2.125"	1.000"	.9848"	570
PRO SERIES "I" BEAM RODS								
14355C-8	Pro Series Lightweight Standard width SB Chevy bearing	6.125"	2.225"	.940"	2.100"	1.000"	.9848"	609

CHRYSLER 360 NHRA LEGAL STOCK & SUPER STOCK PRO SERIES "I" BEAM

- ✓ Forged from aircraft quality 4340 material
- ✓ Fully machined to produce the lightest and strongest rod possible
- ✓ Shot peened after machining to Mil specs and 100% individually magnafluxed
- ✓ Cap fasteners are 3/8" ARP 2000 cap screws
- ✓ Horsepower range for these rods is 700+ H.P.

Horsepower range is affected by rpm, stroke and piston weight.



Part No.	Length	Center-to Center	Big End Bore	Big End Width	Pin End Width	Pin Bore	Gram Weight
14445-8	Stock	6.125"	2.250"	.933"	1.000"	.8761" to .9848"	668

You must specify the exact final size pin bore desired.



P/N 14445-8 is NHRA Legal for Stock & Super Stock.

REPLACEMENT PARTS

Part No.	Quantity	Description
42383-4	4 pcs.	3/8" ARP 8740 Cap Screws (14139C)
42350-4	4 pcs.	3/8" ARP 8740 Cap Screws (14445)
42390-4	4 pcs.	7/16" ARP 2000 Cap Screws (14355C)
42307-8	8 pcs.	Ampco Pin Bushings (14139C,14355C)
42268-8	8 pcs.	Ampco Pin Bushings (14445)
42385-16	16 pcs.	Dowel Bushings 3/8" (14139C,14445)
42392-16	16 pcs.	Dowel Bushings 7/16" (14355C)
40172	1 pc.	Rod Bolt Assembly Lube (14355C,14445)

STEEL CONNECTING RODS

CHRYSLER 5.7L & 6.1L HEMI

"H" BEAM RODS STANDARD WEIGHT SERIES

- ✓ Manufactured from 4340 forgings
- ✓ Heat treated, stress relieved, shot peened and 100% magnafluxed
- ✓ Weight matched sets ± 1.5 grams
- ✓ Cap fasteners are premium 7/16" ARP 8740 or optional ARP 2000 cap screws
- ✓ Horsepower range for these rods: 725 H.P. (ARP 8740), 775 H.P. (ARP 2000)

Horsepower range is affected by rpm, stroke and piston weight.



ARP 8740 Part No.	ARP 2000 Part No.	Description	Center-to-Center	Big End Bore	Big End Width	Pin End Width	Pin Bore	Gram Weight
14085-8	14085R-8	5.7/6.1L Stock Length w/ SB Chevy .927" pin	6.240"	2.252"	.933"	1.000"	.9281"	682
14086-8	14086R-8	5.7L Stock Length w/ 24mm pin	6.240"	2.252"	.933"	1.000"	.9457"	681
14087-8	14087R-8	6.1L Stock Length w/ 25mm pin	6.240"	2.252"	.933"	1.000"	.9848"	679
14055-8	14055R-8	5.7/6.1L Stroker w/ SB Chevy 2.100" crank journal and .927" pin	6.125"	2.225"	.941"	1.060"	.9281"	664
14056-8	14056R-8	5.7/6.1L Stroker w/ SB Chevy 2.000" crank journal and .927" pin	6.125"	2.125"	.941"	1.060"	.9281"	642
14057-8	14057R-8	5.7/6.1L Stroker w/ SB Chevy 2.000" crank journal and .866" pin	6.125"	2.125"	.941"	.930"	.8671"	640

CHRYSLER 5.7L & 6.1L HEMI

PRO SERIES "I" BEAM RODS LIGHTWEIGHT

- ✓ Forged from 4340 aircraft quality vacuum degassed material
- ✓ Fully machined to produce the lightest and strongest rod possible
- ✓ Shot peened after machining to Mil specs and 100% individually magnafluxed
- ✓ Cap fasteners are 7/16" ARP 2000 or optional 7/16" ARP Custom Age 625+ cap screws
- ✓ Horsepower range for these rods is 750+ H.P.

Horsepower range is affected by rpm, stroke and piston weight.

NOTE: For part number 14460-8 please specify the wrist pin diameter you intend to run when placing your order. The stock 5.7 HEMI uses a 24mm/.945" wrist pin and the 6.1 HEMI uses a 25mm/.984" wrist pin from the factory. The pistons you are using must have floating pins with a diameter of .927", 24mm/.945", or 25mm/.984".



Part No.	Description	Center-to-Center	Big End Bore	Crank Pin	Big End Width	Pin End Width	Pin Bore	Gram Weight
14460-8	5.7/6.1L Stock Length	6.240"	2.252"	2.126"	.933"	1.000"	.9281", .9457" or .9848"	595
14461-8	392 Hemi Drag Pak Crate Engine w/ SB Chevy 2.100" crank journal and .927" pin	6.200"	2.225"	2.100"	.940"	1.000"	.9281"	610

The above connecting rods are supplied with 1.450" under head length 7/16" ARP 2000 cap screw fasteners P/N 42390. Upgraded 7/16" ARP Custom Age 625+ cap screws P/N 42252 are available. To order upgraded fasteners, affix "R6" after the rod part number.

REPLACEMENT PARTS

Part No.	Quantity	Description
42354-4	4 pcs.	7/16" ARP 8740 Cap Screws
42390-4	4 pcs.	7/16" ARP 2000 Cap Screws
42252-4	4 pcs.	7/16" ARP Custom Age 625+ Cap Screws
42393-8	8 pcs.	Ampco Pin Bushings (14460, 14461 .927" and 24mm pins)
42307-8	8 pcs.	Ampco Pin Bushings (14460 25mm pin)
42244-8	8 pcs.	Ampco Pin Bushings (14057)
42392-16	16 pcs.	Dowel Bushings 7/16"
40172	1 pc.	Rod Bolt Assembly Lube



P/N 14460-8 is NHRA Legal for Stock & Super Stock for the Chrysler/Dodge 5.7L Hemi.

P/N 14461-8 is NHRA Legal for Stock & Super Stock for the Chrysler/Dodge 392 Hemi Drag Pak crate engine.

STEEL CONNECTING RODS

CHRYSLER 426 "H" BEAM RODS

- ✓ Manufactured from 4340 forgings
- ✓ Heat treated, stress relieved, shot peened and 100% magnafluxed
- ✓ Weight matched sets \pm 1.5 grams
- ✓ Cap fasteners are premium 7/16" ARP 8740 or optional ARP 2000 cap screws
- ✓ Horsepower range for these rods: 850 H.P. (ARP 8740), 1200 H.P. (ARP 2000)



Horsepower range is affected by rpm, stroke and piston weight.

ARP 8740 Part No.	ARP 2000 Part No.	Description	Center-to-Center	Big End Bore	Pin Bore	Gram Weight
CHRYSLER 426						
14077-8	14077R-8	Stock Length w/ 1.031" pin	6.865"	2.500"	1.0321"	891
14080-8	14080R-8	Stock Length w/ .990" pin	6.865"	2.500"	.9911"	903

COMMON FEATURES

Attribute	Dimension
Big End Width	1.015"
Pin End Width	1.250"

Private brand identification available.



P/Ns 14077 & 14080 are NHRA Legal for Stock & Super Stock.

REPLACEMENT PARTS

Part No.	Quantity	Description
42239-4	4 pcs.	7/16" ARP 8740 Cap Screws
42391-4	4 pcs.	7/16" ARP 2000 Cap Screws
42362-8	8 pcs.	Ampco Pin Bushings for 1.031" pin
42381-8	8 pcs.	Ampco Pin Bushings for .990" pin
42316-16	16 pcs.	Dowel Bushings 7/16"

CHRYSLER 426 PRO SERIES "I" BEAM RODS

- ✓ Forged from 4340 aircraft quality vacuum degassed material
- ✓ Fully machined to produce the lightest and strongest rod possible
- ✓ Shot peened after machining to Mil specs and 100% individually magnafluxed
- ✓ Cap fasteners are 7/16" ARP 2000 cap screws
- ✓ Horsepower range for these rods is 1000+ H.P.



Horsepower range is affected by rpm, stroke and piston weight.

Part No.	Description	Center-to-Center	Big End Bore	Pin Bore	Gram Weight
14177-8	Stock Length w/ 1.031" pin	6.865"	2.500"	1.0321"	905
14184-8	.235" Longer w/ 1.031" pin	7.100"	2.500"	1.0321"	940
14185-8	.235" Longer w/ .990" pin	7.100"	2.500"	.9911"	945
14186-8	.235" Longer w/ 1.031" pin and BB Chevy rod journal	7.100"	2.325"	1.0321"	935
14187-8	.235" Longer w/ .990" pin and BB Chevy rod journal	7.100"	2.325"	.9911"	940

The Big Block Chrysler "I" Beam rods listed above can be fitted with ARP Custom Age 625+ bolts P/N 42397. To order these rods with upgraded bolts, affix an "R6" to the part number.

COMMON FEATURES

Attribute	Dimension
Big End Width	1.015"
Pin End Width	1.180"



P/N 14177-8 is NHRA Legal for Stock & Super Stock.

REPLACEMENT PARTS

Part No.	Quantity	Description
42391-4	4 pcs.	7/16" ARP 2000 Cap Screws
42397-4	4 pcs.	7/16" ARP Custom Age 625+ Cap Screws
42305-8	8 pcs.	Ampco Pin Bushings for .990" pin
42388-8	8 pcs.	Ampco Pin Bushings for 1.031" pin
42387-16	16 pcs.	Dowel Bushings 7/16" (14177, 14184, 14185)
42392-16	16 pcs.	Dowel Bushings 7/16" (14186, 14187)
40172	1 pc.	Rod Bolt Assembly Lube

STEEL CONNECTING RODS

FORD 2.3L SPORTSMASTER® RODS ESSLINGER TYPE



Part No.	Description	Center-to-Center	Big End Bore	Big End Width	Pin End Width	Pin Bore	Gram Weight
14117-4	Modified Ford 2.3 L Esslinger type w/ .927" pin	5.700"	2.172"	.990"	.980"	.9281"	584

REPLACEMENT PARTS

Part No.	Quantity	Description
42383-4	4 pcs.	3/8" ARP 8740 Cap Screws
42310-8	8 pcs.	Ampco Pin Bushings
42385-16	16 pcs.	Dowel Bushings 3/8"

FORD 351 W CASCAR RACING SERIES PRO SERIES "I" BEAM RODS



Part No.	Description	Center-to-Center	Big End Bore	Crank Pin	Big End Width	Pin End Width	Pin Bore	Gram Weight
14354C-8	351 W Ford Pro Series "I" Beam - Lightweight with standard width SB Chevy bearing	6.000"	2.225"	2.100"	.940"	1.000"	.9131"	607

REPLACEMENT PARTS

Part No.	Quantity	Description
42390-4	4 pcs.	7/16" ARP 2000 Cap Screws
42345-8	8 pcs.	Ampco Pin Bushings
42392-16	16 pcs.	Dowel Bushings 7/16"
40172	1 pc.	Rod Bolt Assembly Lube



P/N 14354C-8 is CASCAR Legal.

FORD 429 PRO SERIES "I" BEAM RODS 6.800" CENTER-TO-CENTER



Part No.	Description	Center-to-Center	Big End Bore	Big End Width	Pin End Width	Pin Bore	Gram Weight
14173-8	Ford 429	6.800"	2.325"	.990"	1.125"	.9911"	867

REPLACEMENT PARTS

Part No.	Quantity	Description
42391-4	4 pcs.	7/16" ARP 2000 Cap Screws
42327-8	8 pcs.	Ampco Pin Bushings
42387-16	16 pcs.	Dowel Bushings 7/16"
40172	1 pc.	Rod Bolt Assembly Lube

CONNECTING RODS

STEEL CONNECTING RODS

FORD 4.6L MODULAR V-8

"H" BEAM RODS

- ✓ Manufactured from 4340 forgings
- ✓ Heat treated, stress relieved, shot peened and 100% magnafluxed
- ✓ Weight matched sets \pm 1.5 grams
- ✓ Cap fasteners are 3/8" ARP 8740 or optional ARP 2000 cap screws
- ✓ Horsepower range for these rods is 750 H.P.

Horsepower range is affected by rpm, stroke and piston weight.



ARP 8740 Part No.	ARP 2000 Part No.	Description	Center-to-Center	Big End Bore	Big End Width	Pin End Width	Pin Bore	Gram Weight
14042-8	14042R-8	4.6 L Stock Length w/ 22 mm pin	5.933"	2.239"	.940"	.940"	.8671"	602
14044-8	14044R-8	4.6 L Stroker w/ 22 mm pin and a 2.000" crank journal	5.850"	2.125"	.940"	.940"	.8671"	612

Private brand identification available.

REPLACEMENT PARTS

Part No.	Quantity	Description
42383-4	4 pcs.	3/8" ARP 8740 Cap Screws
42350-4	4 pcs.	3/8" ARP 2000 Cap Screws
42302-8	8 pcs.	Ampco Pin Bushings
42260-8	8 pcs.	Ampco Pin Bushings (14044)
42274-16	16 pcs.	Dowel Bushings 3/8"



P/Ns 14042-8 is NHRA Legal for Stock & Super Stock.



Manley Performance is the exclusive connecting rod supplier for the 2003 / 2004 Ford SVT Mustang Cobra

PRO SERIES "I" BEAM LIGHTWEIGHT

- ✓ Forged from 4340 aircraft quality vacuum degassed material
- ✓ Fully machined to produce the lightest and strongest rod possible
- ✓ Shot peened after machining to Mil specs and 100% magnafluxed
- ✓ Cap fasteners are 7/16" ARP 2000 cap screws
- ✓ Horsepower range for these rods is 800+ H.P.

Horsepower range is affected by rpm, stroke and piston weight.



Part No.	Description	Center-to-Center	Big End Bore	Big End Width	Pin End Width	Pin Bore	Gram Weight
14318-8	Stock Length w/ 22 mm pin	5.933"	2.239"	.940"	.940"	.8671"	602
14320-8	4.6 L Stroker w/ 22 mm pin and a 2.000" crank journal	5.850"	2.125"	.940"	.940"	.8671"	603

REPLACEMENT PARTS

Part No.	Quantity	Description
42390-4	4 pcs.	7/16" ARP 2000 Cap Screws
42302-8	8 pcs.	Ampco Pin Bushings
42392-16	16 pcs.	Dowel Bushings 7/16"
40172	1 pc.	Rod Bolt Assembly Lube



P/N 14318-8 is NHRA Legal for Stock & Super Stock.



STEEL CONNECTING RODS

FORD 5.4L MODULAR V-8 "H" BEAM RODS



- ✓ Manufactured from 4340 forgings
- ✓ Heat treated, stress relieved, shot peened and 100% magnafluxed
- ✓ Weight matched sets ± 1.5 grams
- ✓ Cap fasteners are 3/8" ARP 8740 or optional ARP 2000 cap screws
- ✓ Horsepower range for these rods is 750 H.P.

Horsepower range is affected by rpm, stroke and piston weight.

ARP 8740 Part No.	ARP 2000 Part No.	Description	Center-to-Center	Big End Bore	Big End Width	Pin Bore	Gram Weight
14040-8	14040R-8	5.4 L Stock Length w/ 22 mm pin	6.657"	2.239"	.940"	.8671"	636

P/N 14040 will also work for the 6.8L V10 modular.

Private brand identification available.

REPLACEMENT PARTS

Part No.	Quantity	Description
42383-4	4 pcs.	3/8" ARP 8740 Cap Screws
42350-4	4 pcs.	3/8" ARP 2000 Cap Screws
42302-8	8 pcs.	Ampco Pin Bushings
42274-16	16 pcs.	Dowel Bushings 3/8"



Ford GT Powered by 5.4L Supercharged Modular Engine with Manley H-Beam Steel Connecting Rods



P/Ns 14040-8 is NHRA Legal for Stock & Super Stock.

PRO SERIES "I" BEAM RODS LIGHTWEIGHT



- ✓ Forged from 4340 aircraft quality vacuum degassed material
- ✓ Fully machined to produce the lightest and strongest rod possible
- ✓ Shot peened after machining to Mil specs and 100% individually magnafluxed
- ✓ Cap fasteners are 7/16" ARP 2000 cap screws
- ✓ Horsepower range for these rods is 800+ H.P.

Horsepower range is affected by rpm, stroke and piston weight.

Part No.	Description	Center-to-Center	Big End Bore	Big End Width	Pin End Width	Pin Bore	Gram Weight
14319-8	Stock Length w/ 22 mm pin	6.657"	2.239"	.940"	.940"	.8671"	628
14321-8	Stock Length w/ 22 mm pin Heavier beam for forced induction applications	6.657"	2.239"	.940"	.940"	.8671"	729

P/N 14319 and 14321 will also work for the 6.8L V10 modular.

REPLACEMENT PARTS

Part No.	Quantity	Description
42390-4	4 pcs.	7/16" ARP 2000 Cap Screws
42302-8	8 pcs.	Ampco Pin Bushings
42392-16	16 pcs.	Dowel Bushings 7/16"
40172	1 pc.	Rod Bolt Assembly Lube



P/N 14319-8 is NHRA Legal for Stock & Super Stock.



John Mihovetz

CONNECTING RODS

STEEL CONNECTING RODS

FORD 5.0L DOHC "COYOTE" V-8 "H" BEAM RODS

- ✓ Manufactured from 4340 forgings
- ✓ Heat treated, stress relieved, shot peened and 100% magnafluxed
- ✓ Weight matched sets \pm 1.5 grams
- ✓ Cap fasteners are 3/8" ARP 8740 or optional ARP 2000 cap screws
- ✓ Horsepower range for these rods is 750 H.P.

Horsepower range is affected by rpm, stroke and piston weight.



ARP 8740 Part No.	ARP 2000 Part No.	Description	Center-to-Center	Big End Bore	Big End Width	Pin End Width	Pin Bore	Gram Weight
14042-8	14042R-8	Stock Length w/ 22 mm pin	5.933"	2.239"	.940"	.940"	.8671"	602

PRO SERIES "I" BEAM LIGHTWEIGHT

- ✓ Forged from 4340 aircraft quality vacuum degassed material
- ✓ Fully machined to produce the lightest and strongest rod possible
- ✓ Shot peened after machining to Mil specs and 100% magnafluxed
- ✓ Cap fasteners are 7/16" ARP 2000 cap screws
- ✓ Horsepower range for these rods is 800+ H.P.

Horsepower range is affected by rpm, stroke and piston weight.



Part No.	Description	Center-to-Center	Big End Bore	Big End Width	Pin End Width	Pin Bore	Gram Weight
14318-8	Stock Length w/ 22 mm pin	5.933"	2.239"	.940"	.940"	.8671"	602

H-BEAM REPLACEMENT PARTS

Part No.	Quantity	Description
42383-4	4 pcs.	3/8" ARP 8740 Cap Screws
42350-4	4 pcs.	3/8" ARP 2000 Cap Screws
42302-8	8 pcs.	Ampco Pin Bushings
42274-16	16 pcs.	Dowel Bushings 3/8"

I-BEAM REPLACEMENT PARTS

Part No.	Quantity	Description
42390-4	4 pcs.	7/16" ARP 2000 Cap Screws
42302-8	8 pcs.	Ampco Pin Bushings
42392-16	16 pcs.	Dowel Bushings 7/16"
40172	1 pc.	Rod Bolt Assembly Lube

FORD 6.2L SOHC "RAPTOR" V-8 "H" BEAM RODS

- ✓ Manufactured from 4340 forgings
- ✓ Heat treated, stress relieved, shot peened and 100% magnafluxed
- ✓ Weight matched sets \pm 1.5 grams
- ✓ Cap fasteners are 7/16" ARP 8740 or optional ARP 2000 cap screws
- ✓ Horsepower range for these rods is 750 H.P.

Horsepower range is affected by rpm, stroke and piston weight.



ARP 8740 Part No.	ARP 2000 Part No.	Description	Center-to-Center	Big End Bore	Big End Width	Pin End Width	Pin Bore	Gram Weight
14045-8	14045R-8	Stock Length w/ .927" pin	6.200"	2.239"	.978"	.978"	.9281"	673

REPLACEMENT PARTS

Part No.	Quantity	Description
42354-4	4 pcs.	7/16" ARP 8740 Cap Screws
42390-4	4 pcs.	7/16" ARP 2000 Cap Screws
42307-8	8 pcs.	Ampco Pin Bushings
42392-16	16 pcs.	Dowel Bushings 7/16"

STEEL CONNECTING RODS

FORD 6.2L SOHC "RAPTOR" V-8 PRO SERIES "I" BEAM RODS LIGHTWEIGHT

- ✓ Forged from 4340 aircraft quality vacuum degassed material
- ✓ Fully machined to produce the lightest and strongest rod possible
- ✓ Shot peened after machining to Mil specs and 100% magnafluxed
- ✓ Cap fasteners are 7/16" ARP 2000 cap screws
- ✓ Horsepower range for these rods is 800+ H.P.



Horsepower range is affected by rpm, stroke and piston weight.

Part No.	Description	Center-to-Center	Big End Bore	Big End Width	Pin End Width	Pin Bore	Gram Weight
14322-8	Stock Length w/ .927" pin	6.200"	2.239"	.978"	.978"	.9281"	640

REPLACEMENT PARTS

Part No.	Quantity	Description
42390-4	4 pcs.	7/16" ARP 2000 Cap Screws
42307-8	8 pcs.	Ampco Pin Bushings
42392-16	16 pcs.	Dowel Bushings 7/16"
40172	1 pc.	Rod Bolt Assembly Lube

FORD POWERSTROKE / GM DURAMAX PRO SERIES "I" BEAM RODS

The operating parameters of Hi-Performance Diesel engines bear little resemblance to their OEM counterparts. OEM engines are designed to provide a specific engine output with long-term durability a paramount criterion. Hi-Performance Diesels, on the contrary, are designed to extract the maximum power of a particular engine package. To do so, two key operating parameters are significantly effected; peak cylinder pressure and maximum engine speed. OEM rods are just not designed to handle the stresses that these modified parameters impart on this critical component.

Manley Pro Series "I" Beam rods are designed to survive in this harsh environment. Every aspect, from the pin end surround, to the beam sections and architecture, to the crank bore surround as well as the selection of fasteners and pin bushing material insures these rods are up to the task at hand.

- ✓ Manufactured from 4340 forgings
- ✓ Fully machined to provide the correct balance of strength and weight
- ✓ Shot peened after machining to MIL specs and 100% individually magnafluxed
- ✓ Cap fasteners are either 7/16" ARP-2000 or ARP Custom Age 625+
- ✓ AMPCO 45 wrist pin bushings resist deformation at high cylinder pressures

FORD 7.3L POWERSTROKE

ARP 2000 Part No.	ARP 625+ Part No.	Description	Center-to-Center	Big End Bore	Big End Width	Pin End Width	Pin Bore	Gram Weight
14161-8	14161R6-8	Stock Length w/ Stock pin	7.130"	2.691"	1.231"	1.171"	1.309"	TBA

GM 6.6L DURAMAX

ARP 2000 Part No.	ARP 625+ Part No.	Description	Center-to-Center	Big End Bore	Big End Width	Pin End Width	Pin Bore	Gram Weight
14163-8	14163R6-8	Stock Length w/ Stock pin	6.420"	2.638"	1.230"	1.280" Top 1.535" Bottom Trapezoidal Profile	1.359"	1100

STEEL CONNECTING RODS

ACURA / AUDI / DODGE / FORD / HONDA / MAZDA

"H" BEAM & H-PLUS RODS



- ✓ Manufactured from 4340 forgings
- ✓ Heat treated, stress relieved, shot peened and 100% individually magnafluxed
- ✓ Weight matched sets \pm 1.5 grams
- ✓ Cap fasteners are 3/8" ARP 2000 for the "H" Beam and 3/8" ARP Custom Age 625+ for the H-Plus, except part number 14017 is supplied with 7/16" ARP 8740 for the "H"-Beam and 7/16" ARP 2000 for the H-Plus.
- ✓ Horsepower range for these rods in a 4 cylinder application is 600+ for the "H"-Beam and 800+ for the H-Plus and for a 6 cylinder application the range is 800+ for the "H"-Beam and 1000+ for the H-Plus

NOTE: Part number 14017 is also available with 7/16" ARP Custom Age 625+ cap screws yielding a 1100+ horsepower rating. Affix "R6" after the rod part number (14017R6-6).

H Beam Part No.	H-Plus Part No.	Description	Center-to-Center	Big End Bore	Big End Width	Pin Diameter	Pin Bore	Gram Weight
ACURA								
<i>14014-4</i>	<i>14014R6-4</i>	RSX 2.0L V-Tec DOHC K20 2002-up	5.472"	2.008"	.780"	.866" (22mm)	.8671"	509
<i>14025-4</i>	<i>14025R6-4</i>	Integra LS 1.8 non V-Tec DOHC (B18A / B18B 1990-up)	5.394"	1.890"	.935"	.827" (21 mm)	.8281"	520
<i>14026-4</i>	<i>14026R6-4</i>	Integra GSR 1.8 V-Tec DOHC (B18C 1994-up)	5.433"	1.890"	.858"	.827" (21 mm)	.8281"	505
<i>14013-4</i>	<i>14013R6-4</i>	D16 (all) & ZC	5.394"	1.890"	.898"	.748" (19mm)	.7491"	522
AUDI								
<i>14007-4</i>	<i>14007R6-4</i>	1.8L Turbo	5.669"	1.992"	.980"	.787" (20mm)	.7881"	574
DODGE								
<i>14004-4</i>	<i>14004R6-4</i>	Neon SOHC & DOHC 2.0L 420A	5.472"	2.008"	1.031"	.827" (21mm)	.8281"	562
<i>14010-4</i>	<i>14010R6-4</i>	Neon SRT-4 2.4L I4 DOHC	5.945"	2.087"	1.015"	.866" (22mm)	.8671"	TBA
FORD								
<i>14017-6</i>	<i>14017R-6</i>	BA Falcon XR6 Turbo 4.0L	6.058"	2.239"	.990"	.866" (22mm)	.8671"	640
HONDA								
<i>14012-4</i>	<i>14012R6-4</i>	1.6L V-Tec DOHC B16A 1992-up	5.290"	1.890"	.935"	.827" (21mm)	.8281"	528
<i>14013-4</i>	<i>14013R6-4</i>	D16 (all) & ZC	5.394"	1.890"	.898"	.748" (19mm)	.7491"	522
<i>14015-4</i>	<i>14015R6-4</i>	CRV 2.4L V-Tec DOHC K24 2002-up	5.984"	2.008"	.780"	.866" (22mm)	.8671"	527
<i>14016-4</i>	<i>14016R6-4</i>	Prelude 2.2L V-Tec DOHC H22 1992-up	5.636"	2.008"	.935"	.866" (22mm)	.8671"	TBA
MAZDA								
<i>14011-4</i>	<i>14011R6-4</i>	Miata B6/BP 1.6 & 1.8L	5.233"	1.890"	.860"	.787" (20mm)	.7881"	533

Private brand identification available.

Note: New part numbers are **ITALICIZED**.

STEEL CONNECTING RODS

MITSUBISHI / NISSAN / SUBARU / TOYOTA / VOLKSWAGEN

"H" BEAM & H-PLUS RODS

- ✓ Manufactured from 4340 forgings
- ✓ Heat treated, stress relieved, shot peened and 100% individually magnafluxed
- ✓ Weight matched sets ± 1.5 grams
- ✓ Cap fasteners are 3/8" ARP 2000 for the "H" Beam and 3/8" ARP Custom Age 625+ for the H-Plus, except P/N 14018 is supplied with 7/16" ARP 8740 for the "H"-Beam and 7/16" ARP 2000 for the H-Plus.
- ✓ Horsepower range for these rods in a 4 cylinder application is 600+ for the "H"-Beam and 800+ for the H-Plus and for a 6 cylinder application the range is 800+ for the "H"-Beam and 1000+ for the H-Plus



NOTE: Part number 14018 is also available with 7/16" ARP Custom Age 625+ cap screws yielding a 1100+ horsepower rating. Affix "R6" after the rod part number (14018R6-6).

H Beam Part No.	H-Plus Part No.	Description	Center-to-Center	Big End Bore	Big End Width	Pin Diameter	Pin Bore	Gram Weight
MITSUBISHI								
<i>14004-4</i>	<i>14004R6-4</i>	Eagle Talon SOHC to DOHC 2.0L 420A	5.472"	2.008"	1.031"	.827" (21mm)	.8281"	562
<i>14021-4</i>	<i>14021R6-4</i>	Eclipse GS, GST, GSX & Eagle Talon TSi 2.0 (6 Bolt 4G63, 4G63T 1990-1993.5) Recommended bearings to be used: ACL 4B1146/H or Clevite® CB-1120AL	5.905"	1.890"	1.115"	.827" (21 mm)	.8281"	573
<i>14002-4</i>	<i>14002R6-4</i>	Eclipse GS, GST, GSX & Eagle Talon TSi 2.0 (6 Bolt 4G63, 4G63T 1990-1993.5) Recommended bearings to be used: ACL 4B1146/H or Clevite® CB-1120AL	5.905"	1.890"	1.115"	.866" (22 mm)	.8671"	573
<i>14022-4</i>	<i>14022R6-4</i>	Eclipse GST, GSX & Eagle Talon TSi 2.0 (7 Bolt 4G63, 4G63T 1993.5-1999) Evolution VIII, IX (4G63T 2003-2006) Recommended bearings to be used: ACL 4B1185/H or Clevite® CB-1643P	5.905"	1.890"	1.038"	.866" (22 mm)	.8671"	580
<i>14020-4</i>	<i>14020R6-4</i>	Eclipse GST, GSX & Eagle Talon TSi 2.0 (7 Bolt 4G63, 4G63T 1993.5-1999) Evolution VIII, IX (4G63T 2003-2006)	6.142" .237" / 6 mm Longer	1.890"	1.038"	.866" (22 mm)	.8671"	575
<i>14029-4</i>	<i>14029R6-4</i>	EVO X 4B11T (2008-Up)	5.656"	2.165"	.860"	.9055" (23 mm)	.9063"	527
NISSAN								
<i>14023-4</i>	<i>14023R6-4</i>	2.0 SR20DE, SR20DET (1991-2002)	5.365"	2.008"	.900"	.866" (22 mm)	.8671"	512
<i>14006-4</i>	<i>14006R6-4</i>	240SX 1989-1998	6.495"	2.086"	.973"	.827" (21mm)	.8281"	618
<i>14005-6</i>	<i>14005R6-6</i>	300ZX 1990-1996, Fairlady Z 1987-2000 VQ30DE, DET, DETT	6.071"	2.086"	.816"	.866" (22mm)	.8671"	TBA
<i>14028-6</i>	<i>14028R6-6</i>	RB25DE(T), RB26DETT (Stock 21 mm pin)	4.783"	2.008"	.857"	.827" (21 mm)	.8281"	473
<i>14018-6</i>	<i>14018R-6</i>	RB30E/T	5.995"	2.087"	.856"	.827" (21 mm)	.8281"	603
<i>14019-6</i>	<i>14019R6-6</i>	VQ35DE(T) (2002-Up Altima/Maxima and 2003-Up 350Z)	5.680"	2.165"	.820"	.866" (22 mm)	.8671"	510
SUBARU								
<i>14024-4</i>	<i>14024R6-4</i>	WRX EJ205/Sti EJ257	5.137"	2.165"	.840"	.905" (23 mm)	.9063"	535
TOYOTA								
<i>14008-4</i>	<i>14008R6-4</i>	Celica 1986-1999, MR2 1990-1999 3S-GTE DOHC	5.428"	2.008"	1.055"	.866" (22mm)	.8671"	564
<i>14009-4</i>	<i>14009R6-4</i>	Scion tC 2.4L 2AZFE	5.886"	2.008"	.784"	.866" (22mm)	.8671"	530
<i>14027-6</i>	<i>14027R6-6</i>	Supra 3.0 2JZG (1993-1998)	5.590"	2.167"	1.015"	.866" (22 mm)	.8671"	552
VOLKSWAGEN								
<i>14007-4</i>	<i>14007R6-4</i>	1.8L Turbo	5.669"	1.992"	.980"	.787" (20mm)	.7881"	574

Private brand identification available.

Note: New part numbers are *ITALICIZED*.

STEEL CONNECTING RODS

ACURA / DODGE / FORD / HONDA / HYUNDAI / MITSUBISHI PRO SERIES "I" BEAM RODS TURBO TUFF DESIGN



- ✓ Forged from 4340 aircraft quality vacuum degassed material (P/N 15403 is made from 300M alloy with a horsepower range of 1,400+)
- ✓ Shot peened after machining to Mil specs and 100% individually magnafluxed
- ✓ Specifically designed to handle high horsepower applications when using turbos and / or nitrous.
- ✓ Cap fasteners are 3/8" ARP 2000 cap screws, except part number 14427 is supplied with 7/16" ARP 2000 fasteners.
- ✓ Horsepower range for these rods in a 4 cylinder application is 1,000+ and for a 6 cylinder application the range is 1,250+

Part No.	Description	Center-to-Center	Big End Bore	Big End Width	Pin Diameter	Pin Bore	Gram Weight
ACURA							
14404-4	RSX 2.0 V-Tec DOHC (K20 2002-up)	5.472"	2.008"	.780"	.866" (22 mm)	.8671"	550
14412-4	Integra LS 1.8 non V-Tec DOHC (B18A / B18B 1990-up)	5.394"	1.890"	.935"	.827" (21 mm)	.8281"	555
14414-4	Integra GSR 1.8 V-Tec DOHC (B18C 1994-up)	5.433"	1.890"	.858"	.827" (21 mm)	.8281"	547
DODGE							
14420-4	Neon SRT-4 2.4 I4 DOHC	5.945"	2.087"	1.015"	.866" (22 mm)	.8671"	697
FORD							
14427-6	BA Falcon XR6 Turbo 4.0L	6.058"	2.239"	.990"	.866" (22 mm)	.8671"	695
HONDA							
14415-4	1.6 V-Tec DOHC (B16A 1992-up)	5.290"	1.890"	.935"	.827" (21 mm)	.8281"	548
14405-4	CRV 2.4 V-Tec DOHC (K24 2002-up)	5.984"	2.008"	.780"	.866" (22 mm)	.8671"	590
14417-4	Prelude 2.2 V-Tec DOHC (H22 1992-up)	5.636"	2.008"	.935"	.866" (22 mm)	.8671"	614
HYUNDAI							
14410-4	Genesis Coupe 2.0L Turbo Theta I4	5.753"	2.008"	.860"	.866" (22 mm)	.8671"	637
MITSUBISHI							
14413-4	Eclipse GS, GST, GSX & Eagle Talon TSi 2.0 (6 Bolt 4G63, 4G63T 1990-1993.5)	5.905"	1.890"	1.115"	.827" (21 mm)	.8281"	690
14407-4	Eclipse GS, GST, GSX & Eagle Talon TSi 2.0 (6 Bolt 4G63, 4G63T 1990-1993.5)	5.905"	1.890"	1.115"	.866" (22 mm)	.8671"	690
14426-4	Eclipse GS, GST, GSX & Eagle Talon TSi 2.0 (6 Bolt 4G63, 4G63T 1990-1993.5)	6.142"	1.890"	1.115"	.866" (22 mm)	.8671"	700
14403-4	Eclipse GS, GSX & Eagle Talon TSi 2.0 (7 Bolt 4G63, 4G63T 1993.5-1999) Evolution VIII, IX (4G63T 2003-2006)	5.905"	1.890"	1.038"	.866" (22 mm)	.8671"	675
15403-4	Same as the 14403 except made from 300M alloy	5.905"	1.890"	1.038"	.866" (22 mm)	.8671"	685
14400-4	Eclipse GS, GSX & Eagle Talon TSi 2.0 (7 Bolt 4G63, 4G63T 1993.5-1999) Evolution VIII, IX (4G63T 2003-2006) Stroker, lighter weight straight beam design.	5.905"	1.890"	1.038"	.866" (22 mm)	.8671"	637
14421-4	Eclipse GS, GSX & Eagle Talon TSi 2.0 (7 Bolt 4G63, 4G63T 1993.5-1999) Evolution VIII, IX (4G63T 2003-2006)	6.142"	1.890"	1.038"	.866" (22 mm)	.8671"	694
14422-4	Eclipse GS, GSX & Eagle Talon TSi 2.0 (7 Bolt 4G63, 4G63T 1993.5-1999) Evolution VIII, IX (4G63T 2003-2006)	6.378"	1.890"	1.038"	.866" (22 mm)	.8671"	703
14409-4	EVO X 4B11T (2008-Up)	5.656"	2.165"	.860"	.9055" (23 mm)	.9063"	620

All Turbo Tuff series rods on this page can be fitted with ARP 625+ bolts. To order, affix an "R6" to the part number.

Note: New part numbers are **ITALICIZED**.

STEEL CONNECTING RODS

NISSAN / SUBARU / TOYOTA / VOLKSWAGEN

PRO SERIES "I" BEAM RODS TURBO TUFF DESIGN

- ✓ Forged from 4340 aircraft quality vacuum degassed material
(P/N 15424 and 15524 are made from 300M alloy with a horsepower range of 1,400+)
- ✓ Shot peened after machining to Mil specs and 100% individually magnafluxed
- ✓ Specifically designed to handle high horsepower applications when using turbos and / or nitrous.
- ✓ Cap fasteners are 3/8" ARP 2000 cap screws, except part numbers 14424, 14428, 15424 and 15524 are supplied with 7/16" ARP 2000 fasteners.
- ✓ Horsepower range for these rods in a 4 cylinder application is 1,000+ and for a 6 cylinder application the range is 1,250+ (Except P/N 14307-6 which is 600 H.P.)

Part No.	Description	Center-to-Center	Big End Bore	Big End Width	Pin Diameter	Pin Bore	Gram Weight
NISSAN							
14408-4	2.0 SR20DE, SR20DET (1991-2002)	5.365"	2.008"	.900"	.866" (22 mm)	.8671"	574
14401-4	KA24 DE (1991-1999)	6.495"	2.086"	.973"	.827" (21 mm)	.8281"	656
14411-6	RB25DE(T), RB26DETT (Stock 21 mm pin)	4.783"	2.008"	.857"	.827" (21 mm)	.8281"	610
14418-6	RB25DE(T), RB26DETT (22 mm pin)	4.783"	2.008"	.857"	.866" (22 mm)	.8671"	608
14428-6	RB30E/T	5.995"	2.087"	.856"	.827" (21 mm)	.8281"	624
14406-6	VQ35DE(T) (2002-Up Altima/Maxima and 2003-Up 350Z)	5.680"	2.165"	.820"	.866" (22 mm)	.8671"	605
14424-6	GT-R 3.8 VR38DETT*	6.500"	2.323"	.897"	.9055" (23 mm)	.9063"	733
15424-6	GT-R 3.8 VR38DETT 300M alloy Lightweight design*	6.500"	2.323"	.897"	.9055" (23 mm)	.9063"	733
15524-6	GT-R 3.8 VR38DETT 300M alloy Heavyweight design	6.500"	2.323"	.897"	.9055" (23 mm)	.9063"	812
* 14424 and 15424 are drop in designs - no balancing required							
SUBARU							
14416-4	WRX EJ205/STi EJ257	5.141"	2.165"	.840"	.9055" (23 mm)	.9063"	613
TOYOTA							
14419-4	Scion 2.4 2AZFE	5.886"	2.008"	.784"	.866" (22 mm)	.8671"	582
14402-6	Supra 3.0 2JZG (1993-1998)	5.590"	2.167"	1.015"	.866" (22 mm)	.8671"	640
VOLKSWAGEN							
14307-6	VR6 2.8L Lighter weight design utilizing 5/16" ARP 2000 cap fasteners	6.460"	2.237"	.786"	.787" (20 mm)	.7874"	542

All Turbo Tuff series rods (except P/N 14307, 14424, 15424 and 15524) can be fitted with ARP 625+ bolts. To order, affix an "R6" to the part number.



Note: New part numbers are **ITALICIZED**.